



## **REQUEST FOR SELECTION DOCUMENT**

### **FOR**

**Selection of Battery Energy Storage System (BESS) Developers for  
setting up of 500MW / 1000MWh InSTS connected standalone Battery  
Energy Storage Systems (BESS) in the state of Andhra Pradesh under  
Tariff Based Competitive Bidding (TBCB) with Viability Gap Funding  
(VGF) support  
(NHPC-Tranche-II-BESS (2024-25))**

**(Under Open Category)**

**(Tender ID: 2025\_NHPC\_849236\_1)**

**ISSUED BY:**

**NHPC Limited**

**CONTRACTS (CIVIL) DIVISION**

**REGD. OFFICE: NHPC OFFICE COMPLEX, SECTOR-33,  
FARIDABAD – 121003**

**CIN: L40101HR1975GOI032564**



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BES  
in the state of Andhra Pradesh under TBCB**

**DISCLAIMER**

1. Though adequate care has been taken while preparing the Request for Selection (RfS) document, the Bidder shall satisfy himself that the document is complete in all respects. Intimation of any discrepancy shall be given to this office immediately. If no intimation is received from any bidder prior to the last date for seeking the clarification, it shall be considered that the document is complete in all respect and has been received/acknowledged by the bidder
2. NHPC Limited (NHPC) reserves the right to modify, amend or supplement this RfS document.
3. Though this RfS document has been prepared in good faith, neither NHPC nor its employees or advisors make any representation or warranty, expressed or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions herein, or the accuracy, completeness or reliability of information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this RfS document, even if any loss or damage is caused by any act or omission on their part.
4. This RfS is not an agreement and is neither an offer nor invitation to the prospective bidders or any other person. The purpose of this RfS is to set the terms for the selection process and to provide Bidders with information that may be useful to them in preparation and submission of their Bids.
5. The bidder shall bear all its costs associated with or relating to the preparation and submission of its bid, including but not limited to preparation, copying, postage, delivery fees or any other costs incurred in connection with or relating to its bid. All such costs and expenses will remain with the bidder and the authority shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a bidder in preparation of submission of the bid, regardless of the conduct or the outcome of the bidding process.
6. In case of any discrepancy in the documents uploaded on the websites of NHPC and CPP portal, the documents uploaded on the CPP Portal will prevail.

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## **Section 1**

### **NOTICE INVITING TENDER (NIT)**



## **NOTICE INVITING TENDER**

### **INTRODUCTION**

- 1.0 NHPC LIMITED (hereinafter referred to as “NHPC”), has been nominated as a BESS Implementing Agency (BIA) by Ministry of Power, GoI under the Viability Gap Funding (VGF) scheme (CPSU Component) for Development of Battery Energy Storage Systems (BESS).
- 1.1 With various global developments in technology and manufacturing, Renewable Energy (RE) has become the most affordable and cheapest source for meeting energy requirements. In India, the government has set an ambitious target of reaching 500 GW of non-fossil fuel capacity by 2030. However, sources such as solar and wind energy are intermittent and cannot provide a continuous, 24/7 supply like conventional power plants. To address this variability, Energy Storage Systems (ESS) are essential. ESS store excess energy when production exceeds demand and discharge it during peak periods, ensuring a stable power supply. As India increases its reliance on renewable energy, grid stability becomes a challenge, particularly during peak periods when RE generation is insufficient. This requires additional power sources to balance the demand. ESS plays a critical role in managing these fluctuations, supporting grid operators in maintaining reliability and smooth integration of RE into the grid. Additionally, ESS connected to SPV plants can enhance the capacity utilization of RE transmission systems.
- 1.2 The above aspects rightly point out to the next course of direction of India’s energy planning methodology-integrating Energy Storage Systems (ESS) with existing and upcoming RE capacity in order to optimize generation mix while also better utilizing the transmission infrastructure in the country. With respect to increasing the storage component in the energy mix, CEA’s Report on identification of usage of storage as business case and for ancillary services, identifies Pumped Hydro Storage System (PSP) and Battery Energy Storage Systems (BESS) as the commercially deployed solutions for providing requisite storage capacity. The CEA Study has revealed that the planning model selects the battery energy storage system from the year 2027-28 onwards and a Battery Energy Storage capacity of 8680 MW/34720 Mwh (4-hour storage) is projected to be part of the installed capacity in 2022-27. This will be in addition to 7446 MW of Pumped Hydro Storage System envisaged to be a component of India’s installed capacity in 2022-27.
- 1.3 Going forward, the planning process for transition to a greener energy mix in the country would entail integrating the planned Renewable capacity into India’s energy grid while ensuring its safety and reliability. In addition to Pumped Hydro Storage Plants (PSP), Battery Energy Storage Systems (BESS) are expected to play a crucial role in supporting the grid as the share of renewable energy increases, aligning with the government's target of installing 500 GW of non-fossil fuel-based capacity by 2030. BESS assets will provide the necessary flexibility in power generation, ensuring resource adequacy and helping to balance supply and demand. Besides, Energy Storage Systems have the potential to optimize the utilization of India’s transmission network, reducing congestion and minimizing the need for extensive infrastructure expansion

- 1.4 Bidder shall submit bids offering contracted Capacity of either one project or multiple projects in any combination out of total capacity of 500MW/1000MWh in the prescribed formats at specified locations. The minimum capacity against which the bids are to be submitted by the bidders in each location shall not be less than the capacity at each location as per Column (3) of table under Clause 3.1 of Section-3A of RfS. However, the total capacity to be allocated to a Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company shall be up to 1000 MWh (i.e. Total contracted capacity under this RfS), in case a bidder chooses to apply for all the three project locations.
- 1.5 The bidders will be short-listed by the process of e-bidding (**Single Stage Two Envelope Bidding Process. Envelope-I: Technical Bid and Envelope-II: Financial Bid**) to be followed by reverse auction process for selection of bidders. E-bidding is a new methodology for conducting Public Procurement in a transparent and secured manner. For conducting electronic tendering, NHPC Ltd. is using the Central Public Procurement (CPP) Portal <http://eprocure.gov.in/eprocure/app>. The site can also be viewed through e-procurement corner of NHPC website [www.nhpcindia.com](http://www.nhpcindia.com) and CPP Portal.

**OVERVIEW OF RFS:**

- 1.6 Battery Energy Storage System Developers (hereinafter referred to as BESSDs) selected by NHPC based on this RfS, shall set up the BESS on Build Own Operate (BOO) basis in accordance with the provisions of this RfS document and standard BESPA.

**SELECTION OF TECHNOLOGY & ELIGIBLE PROJECTS UNDER THIS RFS**

- 1.7 Under this RfS, the BESSD shall set up the Project including the dedicated transmission network up to the Interconnection/Delivery Point, at its own cost and in accordance to the provisions of this RfS document. All approvals, permits and clearances required for setting up of the Project and/or dedicated transmission network upto the Delivery Point (along with connectivity), including those required from State Government and local bodies, shall be in the scope of the BESSD. The Projects to be selected under this scheme provide for deployment of Battery Energy Storage Technology. However, the selection of Projects would be technology agnostic within the above segment.
- 1.8 The Bidders will be free to avail fiscal incentives like Accelerated Depreciation, Concessional Customs and Excise Duties, Tax Holidays etc. available if any for such Projects. The same will not have any bearing on comparison of bids for selection. As equal opportunity is being provided to all Bidders at the time of tendering itself, it is up to the Bidders to avail various tax and other benefits. No claim shall arise on the BIA for any liability if Bidders are not able to avail fiscal incentives and this will not have any bearing on the applicable tariff. The BIA shall not bear responsibility for any availability or non-availability of fiscal incentive and submission of the bid by the Bidder shall be independent of such availability or non-availability as the case may be of the fiscal incentives.

- 1.9 **Viability Gap Funding (VGF)** Projects selected under this RfS shall be eligible for grant of Central Financial Assistance in the form of Viability Gap Funding (VGF), to be released as per the provisions contained in this RfS.

**GUIDELINES FOR IMPLEMENTATION OF THE RFS**

- 1.10 This RfS document has been prepared based on the Guidelines for “Procurement and Utilization of Battery Energy Storage Systems as part of Generation, Transmission and Distribution assets, along with Ancillary Services”, issued by Ministry of Power vide Gazette Notification dated 10.03.2022 and subsequent amendments and clarifications issued thereto until the bid submission deadline for this RfS and operational guidelines for CPSU Component under the Scheme for Viability Gap Funding for development of Battery Energy Storage Systems dated 17.10.2024. NHPC has issued this RfS in the capacity of “BESS Implementing Agency” as defined in the aforementioned Guidelines / MOP Letter F.No. 42-26/1/2022-NRE(Pt.II) dated 17.10.2024.
- 1.11 NHPC Limited (hereinafter referred to as the BESS Implementing Agency, or the BIA or NHPC) seeks to utilize energy storage systems, on an “On-Demand” basis, during the peak hours of buying entity i.e. Andhra Pradesh Power Distribution Companies (hereinafter referred to as APDISCOMs / Buying Entity). In view of the above, the BIA hereby invites proposals for setting up of InSTS-connected Projects of Standalone Battery Energy Storage Systems (BESS), for an aggregate storage capacity of 1000 MWh (500 MW x 2 hrs) to meet morning and evening peak requirements with 2 cycle charging/discharging operation (2 hours per cycle) each day of BESS with project to be located in the State of Andhra Pradesh connected with the State Transmission Utility.

Being lowest bidder does not entail the bidders to be eligible for issuance of LOAs. LOAs shall be issued for a cumulative capacity of 1000MWh after getting confirmation from APDISCOMs for offtake of power from the BESS at the discovered tariff / fixed cost, arriving a mutual agreement between NHPC and APDISCOMs for setting up of such BESS capacity in the state of Andhra Pradesh and the decision of NHPC in this regard shall be final and binding on the bidders.

NHPC / BIA shall enter into a Battery Energy Storage Purchase Agreement (BESPA) with the successful Bidders selected based on this RfS, for availing the Energy Storage facility as per the terms, conditions and provisions of the RfS and BESPA. **It is clarified that charging power shall be provided by the Buying entity.**

- 1.12 Energy Storage facility to be procured by NHPC from the above BESS has been provisioned to be done on behalf of APDISCOMs. NHPC shall be an intermediary nodal agency for using the energy storage facility and charging/discharging the BESS in line with respective agreements with the BESSD and Buying Entity / APDISCOMs, based on due performance by the concerned parties. For this tranche, 100% of the awarded capacity shall be off taken by APDISCOMs / Buying Entity.

## **GENERAL**

- 1.13 The complete RfS Documents are available at CPP portal <http://eprocure.gov.in/eprocure/app>. The site can also be viewed through e-procurement corner of NHPC website [www.nhpcindia.com](http://www.nhpcindia.com) and CPP Portal. Interested bidders shall download the RfS Documents from the CPP portal <http://eprocure.gov.in/eprocure/app> as per the provisions available therein.
- 1.14 For proper uploading of the bids on the portal namely <http://eprocure.gov.in/eprocure/app> (*hereinafter referred to as the 'portal'*), it shall be the sole responsibility of the bidders to apprise themselves adequately regarding all the relevant procedures and provisions as detailed in the portal. The NHPC in no case shall be responsible for any issues related to timely or properly uploading/ submission of the bid in accordance with the relevant provisions of ITB of the Bidding Documents.
- 1.15 A Single Stage Two Envelope Bidding Procedure will be adopted and will proceed as detailed in the RfS Documents. Bidding will be conducted through the global competitive bidding procedures as per the provisions of ITB and the contract shall be executed as per the provisions of this RfS. It shall be noted that the respective rights of the NHPC and the Bidder/ BESSD shall be governed by the RfS Documents/BESSA signed between the NHPC and the BESSD for the project.
- 1.16 Bidders should submit their bid proposal online complete in all aspect on or before last date and time of Bid Submission as mentioned on CPP portal (<http://eprocure.gov.in/eprocure/app>).
- 1.17 Bidder shall submit bid proposal along with Bid Processing Fees (non-refundable) and Earnest Money Deposit (EMD) complete in all respect as per the Bid Document. Techno-commercial bids will be opened in online presence of authorized representatives of bidders who wish to be present online. Bid proposals received without the prescribed Bid Processing Fees and Earnest Money Deposit (EMD) may be considered as non-responsive. **In the event of any date indicated is a declared Holiday, the next working day shall become operative for the respective purpose mentioned herein.**
- 1.18 RfS documents which include Eligibility Criteria, Technical Specifications, various Conditions of Contract, Formats etc. can be downloaded from CPP portal (<http://eprocure.gov.in/eprocure/app>). Any amendment(s) / corrigendum(s) / clarification(s) with respect to this RfS shall be uploaded on CPP portal. The Bidder should regularly check for any Amendment(s) / Corrigendum(s) / Clarification(s) on the above mentioned website.
- 1.19 For multiple Projects, separate Performance Bank Guarantees shall be furnished against each Project being executed under this RfS by the BESSD after issuance of Letter of Award (LOA) by NHPC.
- 1.20 The detailed Qualifying Requirements (QR) is given in Section 3A of the RfS.
- 1.21 NHPC shall conduct e-Reverse Auction (e-RA) as per provisions of RfS documents.
- 1.22 NHPC has issued this RfS in the capacity of BESS Implementing Agency (BIA) as defined in the aforementioned Guidelines. NHPC may develop a suitable monitoring mechanism,



to analyze the performance of the Project and carry out random checks to verify compliance of quality standards.

***1.23 NHPC reserves the right to cancel / withdraw this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.***

**INTERPRETATIONS**

1. Words comprising the singular shall include the plural & vice versa.
2. An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
3. A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
4. Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and if there is any differentiation between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.
5. The table of contents and any headings or sub headings in the contract has been inserted for case of reference only & shall not affect the interpretation of this agreement.



## **Section 2**

### **Definitions**

## Definitions

### 2.0 Definitions

- i) **"ACT" OR "ELECTRICITY ACT, 2003"** shall mean the Electricity Act, 2003 and include any modifications, amendments and substitution from time to time;
- ii) **"AFFILIATE"** shall mean a Company that, directly or indirectly, controls, or is controlled by, or is under common control with, a Company developing a Project or a Member in a Consortium developing the Project and control means ownership, directly or indirectly, of more than 50% (fifty percent) of the voting shares of such company or right to appoint majority Directors;
- iii) **"APPROPRIATE COMMISSION"** shall mean as defined in the BESPA.
- iv) **"AVAILABILITY"** shall mean as defined in **Clause 6** of Section 3B (SCC) of the RfS.
- v) **"BATTERY ENERGY STORAGE SYSTEMS" or "BESS"** shall mean the system(s)/projects utilizing methods and technologies such as electrochemical batteries (Lead Acid, Li-ion, solid state batteries, flow batteries, etc.), providing a facility that can store chemical energy and deliver the stored energy in the form of electricity. Such systems may be operated on stand-alone basis.
- vi) **"BATTERY ENERGY STORAGE SYSTEM DEVELOPER" or "BESSD" or "DEVELOPER" or "PROJECT DEVELOPER" or "DEVELOPER"** shall mean the entity owning/operating the BESS facility for supply of power under the BESPA, and shall refer to the Bidding Company or a Bidding Consortium participating in the bid and having been selected and allocated a Project capacity by the BIA (through a competitive bidding process), including the SPV formed by the selected bidder/ consortium for the purpose of setting up of the Project and signing of BESPA with the BIA.
- vii) **"BATTERY ENERGY STORAGE PURCHASE AGREEMENT" or "BESPA"** shall mean the agreement signed between the Selected Bidder/BESSD and the BIA according for procurement of capacity from the BESS, as per the terms and conditions of the standard BESPA enclosed with this RfS.  
**"BATTERY ENERGY STORAGE SALE AGREEMENT" or "BESSA"** shall mean the agreement signed between the NHPC and the Buying Entity according to the terms and conditions of the standard BESSA enclosed with this RfS.
- viii) **"BID" or "PROPOSAL"** shall mean the documents submitted by the Bidder towards meeting the techno-commercial and financial qualifying requirements,



along with the price bid submitted by the Bidder **and submissions during the e-Reverse Auctions, if applicable**, as part of its response to the RfS issued by NHPC.

- ix) **“BIDDER”** shall mean Bidding Company (including a foreign company) or a Bidding Consortium submitting the Bid. Any reference to the Bidder includes Bidding Company / Bidding Consortium / Consortium, Member of a Bidding Consortium including its successors, executors and permitted assigns and Lead Member of the Bidding Consortium jointly and severally, as the context may require; foreign companies participating in the bidding process shall be registered as companies as per the rules of their country of origin.
- x) **“BIDDING CONSORTIUM” OR “CONSORTIUM”** shall refer to a group of companies that has collectively submitted the response in accordance with the provisions of this RfS under a Consortium Agreement.
- xi) **“BID CAPACITY”** shall mean contracted capacity of the Battery Energy Storage System(s) as proposed by the Bidder.
- xii) **“BID IMPLEMENTING AGENCY” OR “BIA”** shall mean NHPC Limited i.e. the Bidding Agency designated for issuing the tender documents and carrying out the process of selection of Successful Bidders under the scheme Guidelines.
- xiii) **“BUYING ENTITY” or “END PROCURER”** shall mean any Discom/Bulk consumer or any other third-party consumer that, directly or through NHPC, utilizes the BESS for meeting its power on demand.
- xiv) **“CHARTERED ACCOUNTANT”** shall mean a person practicing in India or a firm whereof all the partners are practicing in India as Chartered Accountants within the meaning of the Chartered Accountants Act, 1949;  
  
For bidders incorporated in countries other than India, “Chartered Accountant” shall mean a person or a firm practicing in the respective country and designated/ registered under the corresponding Statutes/ laws of the respective country.
- xv) **“COMPANY”** shall mean a body corporate incorporated in India under the Companies Act, 2013 or any law in India prior thereto relating to Companies, as applicable;
- xvi) **“CONTROL”** shall mean the ownership, directly or indirectly, of more than 50% (fifty percent) of the voting shares of such Company or right to appoint majority Directors;
- xvii) **“COMMERCIAL OPERATION DATE (COD)”** shall mean the date as defined in Clause 3.29 of the RfS.
- xviii) **“CONTRACTED CAPACITY”** shall mean the capacity in MW/MWh (“X” MW x 2 hrs) contracted with the BIA for providing Energy storage facility to the



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Procurer for charging and discharging the system on “on-demand” basis, based on which the BESPA is executed with the BIA.

- xix)** “**CONTRACT YEAR**” shall mean the period beginning from the Effective Date of the BESPA and ending on the immediately succeeding 31st March and thereafter each period of 12 months beginning on 1st April and ending on 31st March provided that:
- a. in the financial year in which the Scheduled Commissioning Date would occur, the Contract Year shall end on the date immediately before the Scheduled Commissioning Date and a new Contract Year shall commence once again from the Scheduled Commissioning Date and end on the immediately succeeding 31st March, and thereafter each period of 12 (Twelve) Months commencing on 1st April and ending on 31st March, and
- b. provided further that the last Contract Year of this Agreement shall end on the last day of the Term of this Agreement
- xx)** “**CONTROLLING SHAREHOLDING**” shall mean more than 50% of the voting rights and paid up share capital in the Company/ Consortium;
- xxi)** “**CENTRAL TRANSMISSION UTILITY (CTU)**” shall mean the Central Transmission Utility as defined in sub-section (10) of section 2 of the Electricity Act 2003.
- xxii)** “**DAY**” shall mean calendar day.
- xxiii)** “**EFFECTIVE DATE**” shall mean the date as per **Clause 3.14.6** of Section 3A the RfS.
- xxiv)** “**EQUITY**” shall mean Net Worth as defined in Companies Act, 2013.
- xxv)** “**FINANCIAL CLOSURE**” or “**PROJECT FINANCING ARRANGEMENTS**” shall mean arrangements of necessary funds by the BESSD either by way of commitments of funds by the Company from its internal resources and/or tie up of funds through a bank/financial institution by way of sanction of a loan or letter agreeing to finance..
- xxvi)** “**GUIDELINES**” shall mean “Guidelines for Procurement and Utilization of Battery Energy Storage Systems as part of Generation, Transmission and Distribution assets, along with Ancillary Services” issued by Ministry of Power vide Gazette Resolution dated 10.03.2022, including subsequent amendments and clarification thereof, if any, issued until the last date of bid submission of this RfS.
- xxvii)** “**GROUP COMPANY**” of a Company shall mean:
- (i) a Company which, directly or indirectly, holds 10% (ten percent) or more of the share capital of the Company or;



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- (ii) a Company in which the Company, directly or indirectly, holds 10% (ten percent) or more of the share capital of such Company or;
- (iii) a Company in which the Company, directly or indirectly, has the power to direct or cause to be directed the management and policies of such Company whether through the ownership of securities or agreement or any other arrangement or otherwise or;
- (iv) a Company which, directly or indirectly, has the power to direct or cause to be directed the management and policies of the Company whether through the ownership of securities or agreement or any other arrangement or otherwise or;
- (v) a Company which is under common control with the Company, and control means ownership by one Company of at least 10% (ten percent) of the share capital of the other Company or power to direct or cause to be directed the management and policies of such Company whether through the ownership of securities or agreement or any other arrangement or otherwise.

Provided entities which have Government shareholding, financial institution, scheduled bank, foreign institutional investor, Non-Banking Financial Company, and any mutual fund, pension funds and sovereign fund shall not be deemed to be Group Company and its shareholding and the power to direct or cause to be directed the management and policies of a Company shall not be considered for the purposes of this definition unless it is the Project Company or a Member of the Consortium developing the Project.

**xxviii) “ISTS”** shall mean Inter-State Transmission System.

**xxix) “InSTS”** shall mean Intra-State Transmission System.

**xxx) “INTER-CONNECTION POINT /DELIVERY/METERING POINT”**

shall mean a single point at appropriate voltage level as per applicable SERC regulations in case of InSTS network, where the power from the Project(s) is injected into and drawn from the identified ISTS/InSTS Substation (including the dedicated transmission line connecting the Projects with the substation system) as specified in the RfS document. Metering shall be done at this interconnection point where the power is injected into or drawn from. For interconnection with grid and metering, the BESSDs shall abide by the relevant CERC/ SERC Regulations, Grid Code and Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended and revised from time to time.;

**xxxi) “JOINT CONTROL”** shall mean a situation where a company has multiple promoters (but none of the shareholders has more than 50% of voting rights and paid up share capital).



**Request for Selection for 500MW / 1000MWh InSTS  
Connected standalone BESS in the state of Andhra Pradesh  
under TBCB**

**xxxii) “LEAD MEMBER OF THE BIDDING CONSORTIUM” OR “LEAD MEMBER”:** There shall be only one Lead Member, having the shareholding of not less 51% in the Bidding Consortium;

Note: The shareholding of the Lead member in the Project Company (Special Purpose Vehicle) cannot be changed till 01 (one) year after the Commercial Operation Date (COD) of the Project.

**xxxiii) “LETTER OF AWARD” OR “LOA”** shall mean the letter issued by the BIA to the Selected Bidder for award of the Project.

**xxxiv) “LIMITED LIABILITY PARTNERSHIP” or “LLP”** shall mean a Company governed by Limited Liability Partnership Act 2008 or as amended.

**xxxv) “LLC”** shall mean Limited Liability Company.

**xxxvi) “MEMBER IN A BIDDING CONSORTIUM” OR “MEMBER”** shall mean each Company in a Bidding Consortium. In case of a Technology Partner being a member in the Consortium, it has to be a Company.

**xxxvii) “MONTH”** shall mean calendar month;

**xxxviii) “NET-WORTH”** shall mean the Net-Worth as defined section 2 of the Companies Act, 2013.

**xxxix) “PAID-UP SHARE CAPITAL”** shall mean shall mean the paid-up share capital as defined in Section 2 of the Companies Act, 2013.

**xl) “PARENT”** shall mean a Company, which holds more than 50% voting rights and paid up share capital either directly or indirectly in the Project Company or a Member in a Consortium developing the Project;

**xli) “POOLING SUBSTATION/POOLING POINT”** shall mean a point where more than one Project may connect to a common Transmission System. Multiple Projects can be connected to a pooling substation from where common transmission system shall be constructed and maintained by the BESSD(s) to get connected to the InSTS substation. Further, the metering of the pooled power shall be done at the injection point, i.e. the InSTS substation. The voltage level of transmission system of individual projects up to the pooling substation may be at 33 kV and above. The losses in the common transmission system up to the injection point shall be apportioned to the individual Projects for the purpose of billing.

**xlii) “PROJECT”** shall mean the Battery Energy Storage System set up by the BESSD for supply of Power on an “on Demand” basis, having single point of injection/drawl into/from the grid at Interconnection/ Delivery/ Metering Point, or in case of sharing of transmission lines, by separate injection at Pooling Point and having separate control systems and metering. The Project shall also

comprise auxiliaries and associated facilities, bay(s) for transmission system in the their switchyard, dedicated transmission line up to the injection point and all the other assets, buildings/structures, equipment, plant and machinery (pertaining to the BESS), facilities and related assets required for the efficient and economic operation of the power supply facility, whether completed or at any stage of development and construction or intended to be developed and constructed for the purpose of supply of power to the BIA. It is clarified that BESS charged using a source other than RE power would not qualify as RE power.

- xliv)** **“PROJECT COMMISSIONING”** The Project will be considered as commissioned in line with the Commissioning procedure defined in the RfS/BESPA;
- xliv)** **“PROJECT LOCATION”** shall mean the area identified by the BESSD, comprising village(s), Tehsil(s)/Taluk(s) and District(s) within a State, where the Project is being implemented.
- xliv)** **“POWER ON DEMAND”** shall mean the requirement of the Buying Entity to charge and discharge the BESS based on its requirements during the time of day, subject to provisions of the RfS and BESPA.
- xlvi)** **“RENEWABLE ENERGY (RE) POWER”** shall mean power from a RE Power generation facility.
- xlvi)** **“RfS” or “RfS DOCUMENT” or “BIDDING DOCUMENT(S)” or “TENDER DOCUMENTS”** shall mean the “Request for Selection” document issued by the BIA including standard Battery Energy Storage Purchase Agreement and Battery Energy Storage Sale Agreement, along with subsequent clarifications and amendments thereof, vide RfS No. 2025\_NHPC\_849236\_1.
- xlvi)** **“SCHEDULED COMMISSIONING DATE” or “SCD”** shall be the date as indicated in **Clause 7** of Section 3B of the RfS.
- xlvi)** **“SELECTED BIDDER OR SUCCESSFUL BIDDER”** shall mean the Bidder selected pursuant to this RfS to set up the Project and supply electrical output as per the terms of BESPA;
- i)** **“STU OR STATE TRANSMISSION UTILITY”** shall mean the Board or the Government Company notified by the respective State Government under Sub-Section 1 of Section 39 of the Electricity Act 2003;
- li)** **“STATUTORY AUDITOR”** shall mean the auditor appointed under the provisions of the Companies Act, 1956 / Companies Act, 2013 (as the case may be) or under the provisions of any other applicable governing law.
- lii)** **“TOE”** shall mean Tender Opening Event.



- liii)* **“TRADING MARGIN”** Shall mean the facilitation charges in the form of margin on procurement and supply of Contracted Capacity from the BESS to the Buying Entity by the Intermediary Procurer / BIA under this RfS, and the same being charged by NHPC shall be 0.5% of the applicable capacity charges OR 7 paise / kWh as the case may be.
- liv)* **“ULTIMATE PARENT”** shall mean a company, which owns more than 50% (Fifty Percent) voting rights and paid up share capital either directly or indirectly in the Parent and Affiliates.
- lv)* **“WEEK”** shall mean calendar week;



## **Section 3A**

### **Information and Instructions to Bidders**

#### **3.0 INFORMATION AND INSTRUCTIONS TO BIDDERS**

RfS document is available for download, free of cost from the Central Public Procurement (CPP) Portal <http://eprocure.gov.in/eprocure/app>. The site can also be viewed through e-procurement corner of NHPC website [www.nhpcindia.com](http://www.nhpcindia.com) and CPP Portal.

For further assistance, please contact CPP Portal Helpdesk Toll Free **Number Ph. Nos.** +91-120-4711508, +91-120-4001002, +91-120-4001005, +91-120-6277787 Technical Support [Email: support-eproc@nic.in](mailto:support-eproc@nic.in)

#### **3.1 TOTAL CAPACITY OFFERED**

Bids are invited under this RfS for selection of BESS Projects for a total capacity of 500 MW / 1000 MWh through e-bidding followed by e-Reverse Auction process. The total capacity of 1000 MWh will be awarded for injection at InSTS substations in the 3 (three) locations across the state of Andhra Pradesh. The break-up of maximum capacities that will be awarded in these 3 locations along with connectivity voltage level, bay & land availability are as follows:

<b>Sl. No</b>	<b>Location</b>	<b>Capacity in MW/MWh</b>	<b>Connectivity Voltage Level (in kV)</b>	<b>Bay Availability</b>	<b>Land Available (In Acre)</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
1	400kV Substation Jammalamadugu	225/450	220/132	2Nos 220KV bays available	Area1: 3.67 Area2: 5.46
2	400kV Substation Ghani	225/450	400/220	Space Available for 4 Nos bays. New Bay to be Constructed	11.25



3	220kV Substation Kuppam	50/100	220/132	Space Available for 2 Nos bays (132kV). New Bay to be Constructed	4
Total Capacity		500/1000			

The selection of Project Developers will be carried out based on the Contracted Capacity offered by the Bidders. In this context, the term “Project” used anywhere in the RfS, BESPA, will solely mean the BESS, set up by the BESSD to make available the Contracted Capacity as agreed to in the BESPA.

For a specified Contracted Capacity, any oversizing of the BESS over the minimum rated Energy capacities required under this RfS is left to the discretion of the BESSD. However, it is to be noted that, at the time of commissioning, rated capacity of the BESS (Power and Energy) to be installed as indicated in the BESPA, will be verified

### **3.2 Minimum & Maximum Contracted Capacity Allocation for a Bidder**

Following conditions shall be applicable to the Bidders for submission of bids against this RfS:

- 3.2.1 A Bidder, including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit bids offering contracted Capacity of either one project or multiple projects in any combination out of total capacity of 500 MW/1000MWh in the prescribed formats. The Bidder may quote different tariffs / fixed cost for the different locations as identified in the Covering Letter (Format 6.1 of the RfS). Financial bid evaluation & e-RA will be done individually for each location, based on the number of Bidders and capacity specified in each location

The minimum capacity against which the bids are to be submitted by the bidders in each location shall not be less than the Capacity at each location mentioned at Column (3) of table under above Clause 3.1.

The total capacity to be allocated to a Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company shall be up to 1000 MWh (i.e. total contracted capacity under this RfS) in case a bidder chooses to apply for all the three project locations.

The Project Capacity to be quoted shall be in the form of “x” MW/”2x” MWh, i.e. the BESS system shall be rated for 2 hours charging and 2 hours discharging in two cycles.

**Note:** In case a common Company/Companies directly or indirectly hold(s) more than 10% but less than 26% shareholding in more than one Bidder participating in the RfS, each of such Bidders will be required to submit the Disclosure as per **Format 6.8A**. In all other cases, **Format 6.8** will be applicable.



3.2.2 The evaluation of bids shall be carried out as described in Section-4 of RfS. The methodology for Allocation of Projects is elaborated in **Section- 4** of RfS.

3.2.3 Subject to the exception as per Clause 3.2.1 above, multiple bids from same company including its Parent/ Ultimate Parent/Affiliates/Group Companies shall make all the bids submitted by the group invalid.

3.2.4 Project Developer Eligibility: Both public and private sectors should participate in the tender and that there should be at least one bid from a private sector participant, failing which the bid shall be cancelled and tender will be floated afresh.

### **3.3 PROCESSING FEES**

Prospective bidders interested to participate in the bidding process are required to submit their offer on-line on the website <http://eprocure.gov.in/eprocure/app> along with a non-refundable processing fee as mentioned below through Demand Draft in favour of “NHPC Limited” payable at Faridabad only:

<b>Cumulative capacity quoted by bidder (bid capacity / contracted capacity)</b>	<b>Processing Fee</b>
For 40 MWh	Rs. 3 Lakh + Applicable GST@18%
Above 40 MWh up to 100 MWh	Rs. 5 Lakh + Applicable GST@18%
Above 100 MWh up to 250 MWh	Rs. 10 Lakh + Applicable GST@18%
Above 250 MWh up to 500 MWh	Rs. 20 Lakh + Applicable GST@18%
Above 500MWh	Rs. 30 Lakh + Applicable GST@18%

The processing fee is to be submitted offline along with other documents at NHPC office at Faridabad before last date and time of submission of bids as per clause 3.4 of this RfS document.

A bidding Company/Consortium will be eligible to participate in the bidding process only on submission of RfS along with the Processing Fee.

The bidder is required to pay the Processing Fee including applicable GST which is presently applicable @18%.

### **3.4 CRITICAL DATE SHEET FOR ACTIVITIES INVOLVED IN THE RFS (THROUGH E-BIDDING PROCESS):**

A. THE BRIEF DETAILS OF THE TENDER ARE AS UNDER:

Sl. No.	Item	Description
i)	Mode of tendering	e-procurement System Cover-I: Online Techno-Commercial Bid Cover-II: Price Bid
ii)	Tender ID No.	<b>2025_NHPC_849236_1</b>
iii)	Tender reference No.	NH/CCW/CC-I/CO-365/PR16924/47
iv)	Cost of bid document	Processing fees as per para 3.3 above in the form of demand draft from a Nationalized / Scheduled bank in favour of NHPC Ltd. Payable at Faridabad.
v)	Bid Security (EMD)	Rs. 3.41 Lacs Per MWh (Three Lacs Forty One Thousand Per MWh) in the form of DD/BG/POI/Insurance Surety Bond Subject to Maximum of Rs 10 Crs.
vi)	Period of Bid Validity	180 days from the technical bid opening date.
vii)	Completion Period	As per <b>“Scheduled Commissioning Date” defined in Section 2 – Definitions, above.</b>
viii)	Tender inviting Authority	General Manager (Civil Contracts-I) Room No. 218, 2nd Floor, Jyoti Sadan, NHPC OFFICE COMPLEX, Sector-33, Faridabad-121003, Haryana, India Tele No :+91 (129) 2270596 Email: <a href="mailto:contcivill-co@nhpc.nic.in">contcivill-co@nhpc.nic.in</a>

**B. THE CRITICAL DATES OF TENDER ARE AS UNDER:**

S. No.	Particulars	Date & Time
i)	Publishing Date & Time	14.02.2025 (17:00 Hrs)
ii)	Document Down load Start Date & Time	14.02.2025 (17:30 Hrs)
iii)	Last date of Receipt of queries /clarification on bid.	25.02.2025 (17:30 Hrs.)
iv)	Pre bid meeting Date & Time	27.02.2025 (15:00 Hrs)
v)	Online Bid Submission Start Date & Time	05.03.2025 (11:00 Hrs)
vi)	Online Bid Submission Closing Date & Time	17.03.2025 (17:30 Hrs)

vii)	Last date of Offline submission (date, time and address)	19.03.2025 (upto 17:00 Hrs) Address : General Manager (Civil Contracts-I) Room No.218, 2nd Floor, Jyoti Sadan, NHPC OFFICE COMPLEX, Sector-33, Faridabad-121003, Haryana, India Tele No :+91 (129) 2270596 <a href="mailto:contcivill-co@nhpc.nic.in">Email: contcivill-co@nhpc.nic.in</a>
viii)	Opening: Date, Time & Venue of Online/ Offline Bid (Technical Bid (Part-I) submission	20.03.2025 (15:00 Hrs) Venue: General Manager (Civil Contracts-I) Room No.218, 2nd Floor, Jyoti Sadan, NHPC OFFICE COMPLEX, Sector-33, Faridabad-121003, Haryana, India Tele No :+91 (129) 2270596 <a href="mailto:contcivill-co@nhpc.nic.in">Email: contcivill-co@nhpc.nic.in</a>
ix)	Price Bid Opening (Part-II) – Financial Bid	Venue, Date & time to be intimated later to the bidders whose Techno- commercial Bids will be found responsive
x)	Date & Time of Start of e- Reverse Auction	Shall be intimated separately by NHPC

### **3.5 BIDDING FOR BATTERY ENERGY STORAGE SUPPLY (BESS) PROJECTS**

Bidders may submit online response to Request for Selection (RfS) for setting up of BESS Projects under this scheme as per the terms & conditions of this RfS.

### **3.6 LOCATION OF BESS PROJECT**

- 3.6.1 The total Project capacity of 500 MW / 1000 MWh shall be located in the vicinity of Substations of the STU network as per information mentioned at Clause 3.1 in the State of Andhra Pradesh. The Project location(s) should be chosen taking cognizance of the provision as per above Clause 3.1 of Section-3A & 2 of Section-3B of the RfS. Land identification and allocation for the Projects will be under scope of the NREDCAP/APTRANSCO. Land will be provided on lease basis/right-of use basis to the BESSD through suitable agreement with NREDCAP/APTRANSCO and the same shall be facilitated by NHPC. The format for Right to use agreement shall be furnished at later stage.

The above land area will be given to the BESSD on lease/ Right of Use (ROU) within 60 days from Effective Date of the BESPA. In case of any delay in signing of ROU/lease agreement of land to the BESSD, the Financial Closure and Commissioning milestones will be suitably extended.

As Battery Energy Storage System is prone to fire hazard, the BESSD shall provide suitable means such as fire barrier between switchyard and BESS to avoid fire to spread from BESS to Yard equipment.

The details in respect of sub-station location, type, voltage level, land availability and Contact details of concerned officers from APDISCOMs / APTRANSCO etc. for the site visit is attached at Annexure -9

### **3.7 NUMBER OF RESPONSE TO RFS BY A COMPANY**

- 3.7.1 A bidder can offer projects with total capacity upto 1000 MWh through e-bidding followed by e-Reverse Auction process. The total capacity of 1000 MWh will be awarded for injection at InSTS substations in the 3 (three) locations across Andhra Pradesh as per above Clause 3.1.
- 3.7.2 Bidding Company, including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit one single application in the prescribed format detailing all projects for which the bidder is submitting the application. Statement for the same is to be submitted as per Format for Disclosure (**Format – 6.8**).

### **3.8 QUALIFICATION REQUIREMENTS**

- 3.8.1 The bidder should be a company (Bidding Company) or a Consortium of Companies (Bidding Consortium) with one of the Companies acting as the Lead Member of the Bidding Consortium. Further, as per the scheme guidelines, at least one bid from the private sector participant is mandatory, failing which the bid shall be cancelled. Short-listing of Bidder for opening of Financial Bid will be based on meeting the Qualification Requirements specified below:
- 3.8.2 COMPANIES ELIGIBLE FOR PARTICIPATION:
- (i) Companies incorporated in India under the Companies Act, 2013;
  - (ii) A foreign company can also participate on standalone basis or as a member of consortium at RfS stage. But before signing of BESPA, keeping the original shareholding unchanged it has to form an Indian Company registered under the Companies Act, 2013 as its fully owned subsidiary Company (i.e. 100% subsidiary). In case a Foreign Company is selected as the successful bidder, it shall comply with all the laws and provisions related to Foreign Direct Investment in India.
  - (iii) A Bidding Consortium (that may / may not have a foreign company) can participate at RfS stage

### 3.8.3 FINANCIAL CRITERIA

#### (i) Net Worth

- a. The Net Worth of the bidder should be equal to or greater than the value calculated at the rate of **Rs. 0.34 Crore or equivalent US\$ per MWh** of the quoted capacity for the previous financial year in which bids are issued in accordance to Note 8 below or as on the day not more than seven (07) days prior to date of bid submission. The computation of Net Worth shall be based on unconsolidated audited annual accounts of the bidder.
- b. 'Net Worth' means the aggregate value of the paid-up share capital and all reserves created out of the profits, securities premium account and debit or credit balance of profit and loss account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

#### (ii) Liquidity:

In order to ascertain that the Bidder has sufficient means to manage the fund requirements for the Project, the Bidder shall be required to demonstrate at least one of the following parameters:

- a. A minimum annual turnover of **Rs. 17.05 Lakhs/MWh** of the quoted capacity during the previous financial year in accordance to Note 8 below. It is hereby clarified that "Other Income" as indicated in the annual accounts of the Bidder shall not be considered for arriving at the annual turnover.
- b. Internal resource generation capability, in the form of Profit Before Depreciation Interest and Taxes (PBDIT) for a minimum amount of **Rs. 3.41 Lakhs/MWh** of the quoted capacity, as on the last date of previous financial year in accordance to Note 8 below.
- c. In-principle sanction letter from the lending institutions/banks of the Bidder for the project quoted under this RfS, committing a Line of Credit (fund based) for a minimum amount of **4.26 Lakhs/MWh** of the quoted capacity, towards meeting the working capital requirement of the project quoted under this RfS. Such letter can also be obtained by the Affiliate(s) of the Bidder.

#### Notes:

1. For the purposes of meeting financial requirements, only unconsolidated audited annual accounts shall be used. However, audited consolidated annual accounts of the Bidder may be used for the purpose of financial requirements provided the Bidder has at least twenty six percent (26%) paid up share capital in each Company whose accounts are merged in the audited consolidated account.
2. A foreign company can participate on standalone basis or as a member of consortium at RfS stages. In case of foreign company participating on standalone basis and its

selection as successful bidder, it has to form an Indian Company registered under the Companies Act, 2013 as its fully owned subsidiary Company (i.e. 100% subsidiary) before signing of BESPA. In case a Foreign Company is selected as the successful bidder, it shall comply with all the laws and provisions related to Foreign Direct Investment in India.

3. In case the foreign company participating as a member of consortium, the **clause (iii)** as below shall be applicable.
4. The Bidder may seek qualification on the basis of financial capability of its Parent and / or its Affiliate(s) for the purpose of meeting the Qualification Requirements as per (i) and (ii) above. In case of the Bidder being a Bidding Consortium, any Member may seek qualification on the basis of financial capability of its Affiliate(s). In such cases, the Bidder shall be required to submit Board Resolutions from the Parent Company and/or the Affiliates undertaking to contribute the required equity funding and performance bank guarantees in case the Bidder(s) fail to do so in accordance with the RfS.
5. For the Qualification Requirements, if data is provided by the Bidder Company in foreign currency, equivalent rupees of Net Worth will be calculated using bills selling exchange rate (card rate) USD / INR of State Bank of India prevailing on the date of closing accounts for the respective financial year as certified by the bidder's banker. For currency other than USD, bidders shall convert such currency into USD as per exchange rates certified by their banker prevailing on the relevant date and used for such conversion.
6. A Company/Consortium would be required to submit Annual Audited Accounts for the last Financial Year in accordance to Note 8 below alongwith net worth, annual turnover and PBDIT certificate (as applicable) from Statutory Auditor with Unique Document Identification Number (UDIN) to demonstrate fulfillment of criteria. In case, bidder is seeking qualification based on networth as on the day not more than seven (07) days prior to the due date of bid submission, it shall submit a certificate from Statutory Auditor with Unique Document Identification Number (UDIN) certifying the availability of Net worth on the date not more than seven (07) days prior to due date of bid submission along with a certified copy of Balance sheet, Profit & Loss Account, Schedules and Cash Flow statements supported with Bank Statement. In case of foreign companies, the Bidders shall be required to submit the annual audited accounts for the last financial year as the general norm in the country where the Bidder or its Affiliate(s) is/are located.
7. In case of foreign Bidders, in the event the Bidder is unable to furnish the audited annual accounts for the previous financial year as per the prevalent norm in the respective country, the Bidder shall submit the annual audited accounts of the last financial year for which the audited accounts are available. This However, would be acceptable, subject to the condition that the last date of response to this RFS falls on or within the deadline for completion of audit of annual accounts of companies, as stipulated by the

laws/rules of the respective country and the Bidder shall submit the corresponding documentary evidence against the same. In case the annual accounts are submitted in a language other than English, a certified English translation from an approved translator shall be required to be submitted by the Bidder.

8. The Bidder's financial evaluation vis-à-vis the requirement as stipulated above shall be done on the basis of duly printed Annual Report of FY 2023-24 submitted by the bidder along with the bid..
9. In case, if Bidder has not submitted the above Annual Report along with Bid, then a certificate from CEO/CFO of the Bidder shall be submitted along with Bid mentioning that the requirement of Annual Report as per governing law of country is not mandatory. In such cases duly Notarized copies of Audited Printed Annual Financial Statement (Balance Sheet, Profit & Loss Statement, cash flow statement, Auditor 's Report thereon including all relevant Schedules/ annexures etc.) for the immediately preceding year be submitted by the Applicant along with the Application. The Annual Financial Statement shall be considered for evaluation in same manner as defined in above Para for consideration of Annual Reports.

**(iii) For Bidding Consortium:**

If the response to RfS is submitted by a Consortium the financial requirement as per Para-3.8.3 (i) and 3.8.3 (ii) above shall be met individually and collectively by all the Members in the Bidding Consortium. The financial requirement are to be met by each Member of the Consortium, which shall be computed in proportion to the equity commitment made by each of them in the Bidding Consortium.

Any Consortium, if selected, shall for the purpose of sale of power to NHPC, incorporate a Project Company with equity participation by the Members in line with Consortium Agreement (to be submitted along with RfS) before signing the BESPA with NHPC i.e. the Project Company incorporated shall have the same Shareholding Pattern as given at the time of RfS. This shall not change till the signing of BESPA and the Controlling Shareholding (held by the Lead Member holding more than 50% of the voting rights) shall not change from the RfS application date till **1 (One)** year after the Schedule Commissioning Date (SCD) of the Project. However, in case of any change in the shareholding of the other shareholders (other than the Controlling Shareholder including Lead Member) after signing of BESPA, the arrangement should not change the status of the Controlling Shareholder and the lead member in the Project Company at least up to **1 (One)** year after the Schedule Commissioning Date (SCD) of the Project. Further, such change in shareholding would be subject to continued fulfilment of the financial and technical criteria, by the Project Company.

**3.8.4. OTHER CRITERIA:**

1. The Bidder or any of its Affiliates should not be a willful defaulter to any lender, and that there is no major litigation pending or threatened against the Bidder or any of its



Affiliates which are of a nature that could cast a doubt on the ability or the suitability of the Bidder to undertake the Project. The Bidder shall submit an undertaking to this effect (as per format provided in the bid document).

2. The Bidder or partner of JV against whom an application for initiating corporate insolvency resolution process has been admitted by the Adjudicating Authority under the Insolvency and Bankruptcy Code 2016, or as amended from time to time, shall not be eligible for bidding. The same shall also be applicable to the bidder company who has taken unconditional technical and/or financial support from their Parent/Holding Company, against whom an application for initiating corporate insolvency resolution process has been admitted by the Adjudicating Authority under the Insolvency and Bankruptcy Code 2016 (IBC 2016), or as amended from time to time.

In case, bidder or partner of JV in respect of whom any application for initiating corporate insolvency resolution process was not admitted at the time of submission of bid but subsequently during the period of evaluation of bids or any time before the work is awarded, any such application is admitted by the Adjudicating Authority under the IBC 2016 (equivalent laws of the country where the firm has been incorporated / registered shall be applicable), the bidder shall be considered as ineligible and his bid shall be rejected.

An undertaking that “no insolvency proceedings are admitted by the Adjudicating Authority against bidder or partner of JV under the IBC 2016” (equivalent laws of the country where the firm has been incorporated / registered shall be applicable) shall be submitted on letter head duly signed by the authorized representative of bidder or all the partners of JV.

Further, the bidder after submitting the bid till the time of award of work, shall inform NHPC regarding any admission of application for corporate insolvency resolution process by the Adjudicating Authority under the IBC 2016 against bidder or partner of JV and any suppression of such fact shall render the bidder liable for rejection of his bid and banning of business dealing as per terms and conditions of Guidelines of banning of business dealings under Integrity Pact.

### **3.8.5. TECHNICAL REQUIREMENT:**

This RfS requires deployment of standalone Battery Energy Storage Systems. The Bidder shall deploy commercially established and operational technologies to minimize the technology risk and to achieve commissioning of the Projects. Detailed technical parameters for Projects to be selected as specified in the tender documents

### **3.9 CONNECTIVITY WITH THE GRID:**

- 3.9.1 The detail of Delivery Points for the projects shall be as per table under Clause 3.1 above. The Project should be designed for interconnection with the InSTS network in accordance with the prevailing SERC regulations in this regard. For interconnection with the grid and metering, the BESSD shall abide by all rules and regulations framed



under the Electricity Act, 2003 including the applicable Grid Code, Grid Connectivity Standards, Regulations on Communication System for transmission of electricity and other Regulations/Procedures (as amended from time to time) issued by Appropriate Commissions and Central Electricity Authority (CEA). Minimum voltage for interconnection at the InSTS shall be as per table given under Clause 3.1. BESSD shall also comply with the requirements mentioned in the First Time Charing (FTC) regulations/rules issued by the Government, as amended from time to time. All the Substations where BESS is proposed are AIS.

- 3.9.2** The responsibility of getting the/InSTS connectivity shall entirely be of the BESSD and shall be at the cost of the BESSD, in line with the applicable regulations. The transmission of power up to the point of interconnection where metering is done for energy accounting, shall be the responsibility of the BESSD at its own cost. The maintenance of Transmission system up to the interconnection point shall be responsibility of the BESSD, to be undertaken entirely at its own cost.
- 3.9.3** The entire cost of construction of infrastructure from the Project upto and including at the Interconnection Point including construction of requisite Bays (as required), including but not limited to the transmission line, maintenance & all cost up to the delivery point shall be borne by the BESSD. The maintenance of the Transmission system up to the interconnection point shall be the responsibility of the BESSD, to be undertaken entirely at its cost and expense. The SLDC/Scheduling charges, connectivity and other charges shall be payable by BESSD. The BESSD shall be required to follow the Connectivity Procedure as per the applicable Regulations issued by Appropriate Regulatory Commission / CEA as amended from time to time. The Bidders have to choose the corresponding InSTS substations for Interconnection of the Project to the Grid. Bids indicating substations outside the above locations suggested will be liable for rejection.
- 3.9.4** Metering arrangement of each Project shall have to be adhered to in line with relevant clause of the BESPA.
- 3.9.5** For transmission of power during charging/discharging of the BESS, InSTS transmission charges and losses applicable as per the regulations, will be borne by the Buying Entity. All expenses including wheeling charges and losses in relation to the transmission and distribution beyond the Metering Point shall be borne by the Buying Entity. Arrangements shall be put in place prior to commissioning of project as regards the methodology for billing these expenses directly to the Buying Entity.
- 3.9.6** The BESSD shall comply with CERC/SERC regulations on Forecasting, Scheduling and Deviation Settlement, as applicable. The scheduling of power to/from the Project as per the applicable regulation shall be decided by NHPC/Buying Entity. However, any DSM penalties due to violation of the schedule of charging or discharging of the BESS shall be to the account of the BESSD. DSM penalties, if any, shall be levied separately

on the respective entities as applicable, at their respective ends for the charging and discharging activities.

- 3.9.7** In order to remove potential discrepancies and ambiguities, the BESSDs are hereby instructed that, as part of scheduling of power to/from the Project, they will be required to punch-in their respective schedules and subsequent revisions, by themselves, at the interfaces of the SLDC for the corridor of power flow, as per the Regulations in force, under intimation to the BIA. The BIA may facilitate in identification of any discrepancy and assist the BESSD for its early rectification without any liability on the BIA. The BESSD shall be solely responsible for discrepancy identification and its rectification to avoid any rejection/less payment of invoices.
- 3.9.8** Reactive power charges shall be on account of BESSD as applicable, at BESSD end during charging and discharging, as per CERC/SERC regulations.
- 3.9.9** The BESSDs will be required to apply for connectivity at the identified substation within 30 days of issuance of LOA and shall furnish copies of the application as well as granted connectivity, to the BIA at the earliest. In case the BESSD fails to obtain connectivity at its identified substation, the same shall be immediately notified by the BESSD to the BIA. At least 30 days prior to the proposed commissioning date, the BESSD shall be required to submit the Connectivity Agreement signed with the STU.

**3.10 Not used**

**3.11 SHORT-LISTING OF BIDDERS FOR OPENING OF FINANCIAL BIDS**

NHPC shall evaluate only those responses to RfS, which are submitted on-line on the earmarked website by the due date and time. The responses will be evaluated based on the Qualification Requirement and all the responses meeting the Qualification Requirements shall be considered for opening of their Financial Bid (first round tariff bid).

**3.12 SELECTION OF BATTERY ENERGY STORAGE SYSTEM DEVELOPERS**

3.12.1 This sub-clause is not in use.

3.12.2 **The bidders will have to submit bids quoting a fixed levelised tariff for entire project duration of 12 years.** This will be the “First Round Tariff Bid” of the Bidder after which the shortlisted bidders shall be invited for the Reverse Bid Auction.

3.12.3 This sub-clause is not in use.

**3.12.4 Methodology for Selection of Battery Energy Storage System Developers (BESSDs): -**

The methodology to be adopted for selection of BESSDs is mentioned below:

- 3.12.4.1 All the bidders will be required to submit online bids (e-bids) on the CPP portal. The bidders will be shortlisted by ‘Single Stage – Two Envelope’ bidding process followed by reverse auction among shortlisted bidders.

### **Documents to be submitted Offline**

Following documents are to be submitted offline in a sealed envelope at NHPC Office Faridabad on or before the end date and time of bid submission: -

- i. Instrument towards Processing Fee;
- ii. Bank Guarantee/POI/Insurance Surety Bond towards EMD (in original) as per **Clause 3.24**;
- iii. Certified True Copy of Board Resolution from the Bidding Company or the Lead Member of the Consortium, as the case may be, in favour of the person signing the response to RfS;
- iv. Original Integrity Pact (Details mentioned in **Clause 3.34**) signed by Authorized representative of Bidder.
- v. Certificate of Compliance as per **Format 6.13a**.

In case requisite Processing Fees (as per Clause 3.3) and/or EMD/POI/Insurance Surety Bond (as per Clause 3.24) and/or Integrity Pact (as per Clause 3.34) and/or Certificate of Compliance to all Provisions are not submitted before the end date and time of bid submission, then bid may be rejected and returned unopened.

### **Documents to be submitted Online**

#### **First Envelope (Technical Bid)**

In the Technical Bid (First Envelope) the bidders will be required to submit the documents related to Qualifying Requirements and other required documents.

#### **Second Envelope (Financial Bid)**

In the second envelope bidders will be required to submit “**first round tariff bid.**”

Second Envelope (containing first round tariff bid) of only those bidders shall be opened who are found to be technically qualified. After evaluation of technical bid, if a bidder is found to be qualified for lower capacity of Projects than that applied, the Price quoted by the bidder (i.e. first round tariff) in the Second envelope will be considered valid for lower capacity of Projects and the bidder will have to accept the lower capacity of projects than applied for, if found successful after closing of Reverse Auction. However, if a bidder is found to be qualified for less than the capacity at each location as per qualifying requirement then they shall be considered disqualified for this tender.

In this step, evaluation will be carried out based on tariff quoted by Bidders.

The tariff has to be quoted **in Indian Rupees per MW per Month in whole numbers only (no decimal places allowed)**. If it is quoted with any decimal places, the digits in the decimal places shall be ignored. (For e.g. if the quoted tariff is INR 2,00,000.34/MW/month, then it shall be considered as INR 2,00,000/MW/month).

#### **3.12.4.2 Reverse Auction**

##### **Intimation of Date and Time of Reverse Auction:**

At-least one week prior to reverse auction, an advance intimation regarding the date and time of the reverse auction will be sent by email to all bidders whose technical bids have been opened. However, from this advance intimation it shall not be construed by the bidders that they have been short-listed for Reverse Auction. Further, a system generated email for invitation for Reverse Auction will be sent to all those bidders who have been short-listed based on the criteria mentioned at clause 3.12.4.3.

Since the Reverse Auction will be conducted in a separate module on a portal selected by NHPC, the bidders will be required to complete all prerequisite and configure their system for participation in Reverse Auction in advance before commencement of Reverse Auction. On E-Reverse Auction overview page, the bidders are advised in their own interest to view their start price (which shall be same as their 'first round tariff' and displayed in Bidder's window as 'My Financial Bid Price') and the capacity of Projects for which they have been considered qualified (which will be displayed under Quantity). In case there is any discrepancy in the Start Price and the 'First Round Tariff' of any bidder, the same shall be immediately intimated to NHPC before start of Reverse Auction otherwise the Start Price will be considered final and binding on that bidder. A wrong and misleading intimation in this regard may lead to disqualification in further tendering process and award. Short-listed bidders for Reverse Auction will be able to login into the portal selected by NHPC for reverse action before the start time of reverse auction.

The bidders may note that the person who has been authorized to sign and submit the bid at the time of submission of Technical and Financial bid may only be authorized to participate in the Reverse Auction process on behalf of the bidder as any price submitted by the bidder during the Reverse Auction will be considered final and binding on that bidder as if it had been submitted initially in the Financial bid without requiring any further authentication from the bidder.

##### **3.12.4.3 Ranking and Short-listing of bidders for Reverse Auction:**

Location wise E-RA shall be implemented at Application Service Provider's Portal selected by NHPC.

Location wise E-RA shall be followed after e-tender, if number of eligible bidders at location wise price bid stage is at least 2 (two). e-RA shall be carried out on the basis of "Bid Price/First round tariff bid"

All those bidders who are found to be technically qualified, will be ranked location wise according to the quoted first round tariff bid with highest ranking (Rank 1) to that bidder who has quoted the lowest first round tariff bid for that location and so on.

If the first round tariff bid is same for two or more bidders, then the bidder with higher net worth shall be given higher ranking. In case the net worth of bidders are also same, then relative ranking shall be decided through draw of lots.

Out of all qualified bidders, short-listing will be done for Reverse Auction as under:

**A. When cumulative capacity of technically qualified bidders of particular location is  $>1.25 \times$  total offered capacity for particular location as per Clause 3.1 above.**

All the qualified bidders shall be invited for Reverse Auction other than one lowest ranked bidder based on First Round Tariff bid i.e. the bidder quoting the highest first round tariff (i.e. H1) subject to the condition that after removal of H1 bidder, the cumulative capacity remains greater than  $1.25 \times$  total offered capacity for particular location as per Clause 3.1. In case, after removal of H1 bidder, the cumulative capacity of technically qualified bidders becomes less than  $1.25$  times total offered capacity for particular location as per Clause 3.1, then all the technically qualified bidders will participate in reverse auction.

**B. When cumulative capacity of technically qualified bidders of particular location is  $\leq 1.25 \times$  total offered capacity for particular location as per Clause 3.1 above.**

All the technically qualified bidders will be shortlisted for Reverse Auction for a particular location.

For the purpose of determination of the lowest Ranked bidder, if there is a tie among two or more bidders based on First Round Tariff Bid, the bidder with the lowest net worth among these bidders will be considered having lowest rank than the other bidder(s).

At the start of the reverse auction process, the first round tariff bid along with the qualified capacity of location (s) (lower of the applied capacity of projects or technically qualified for as per Financial criteria) of short-listed bidders shall be fed as their first quoted tariff and Project(s). The minimum decrement value for Reverse Auction is INR1000 per MW/month INR i.e. one thousand rupees.

Bidders can quote any value lower than their quoted tariff. However, no upward revision of quoted tariff will be allowed. Bidders can improve their ranking by quoting the tariff lower than their last quoted tariff by any number of decrements. Further, in Reverse Auction no revision in capacity of Project(s) for which a bidder is considered qualified after evaluation of technical bid is allowed.

The initial auction period will be of one (01) hour with a provision of auto extension by 10 (Ten) minutes from the scheduled/extended closing time if any fresh bid is received in last 10 (Ten) minutes of auction period or extended auction period. If no valid bid is received during last ten minutes of auction period or extended auction period, the reverse auction process will get closed.

#### **3.12.4.4 Selection of Successful Bidders**

After the reverse auction is closed, allocation will be done based on the ranking of bidders at particular location as per Clause 3.1 above & 3.2.1. The lowest quoting bidder will be allotted its total capacity of Project at particular location

In case of tie among two or more bidders at particular location (i.e. their last quoted tariff being same), the resolution shall be done as under:

- i) The First Criterion shall be the time stamping of last tariff bid. The preference shall be given to that bidder who has quoted its last tariff bid earlier than other such bidders.
- ii) The Second Criterion shall be the evaluated net worth by NHPC. The bidder with higher evaluated net worth shall be given preference over other such bidders.

These criteria shall be applied in the sequence as mentioned above. If the tie still remains unresolved, the relative ranking of such bidders shall be decided through draw of lots at NHPC office at Faridabad on designated date and time among such bidders in the presence of their authorized representatives.

Further if a bidder who has been invited for the reverse auction does not reduce its tariff bid or does not participate in the reverse auction for any reason whatsoever, its first round tariff bid shall be considered its final bid price in the reverse auction.

The time stamping of all such bidders shall be the time of commencement of reverse auction.

After arranging the bidders in the ascending order of tariff, the Project at particular location will be awarded only to those bidders whose final price bid is for a particular location is lowest in terms of INR per MW/Month.

In case the lowest Bidder refuses to accept capacity offered by NHPC, the Bank Guarantee against EMD submitted by such Bidder shall be encashed by NHPC.

A detailed auction mechanism is enclosed at **Annexure - 5**.

In all cases, NHPC decision regarding selection of bidders through Reverse Auction or otherwise based on First Round Tariff bid or annulment of tender process shall be final and binding on all participating bidders.

At the end of selection process, a Letter of Award (LOA) will be issued to all the successful Bidders with the following condition:

*"BESPA shall be signed only after signing of Battery Energy Storage Sale Agreement (BESSA) with the APDISCOMs / Buying Entity and NHPC shall not be liable on any account for any delay / inability in signing of BESSA and BESPA"*

**Note:**

- 1 NHPC reserves the right to verify the documents furnished by the bidders at the time of submission of RfS including availability of the Net Worth and other Financial



Criteria to the extent claimed in the RfS with the original documents and bank statements and the shareholding of the Project Company along with a copy of complete documentary evidence supported with originals at any stage from evaluation upto the expiry of BESPA.

Before signing the BESPA, NHPC will ask the successful Bidder to furnish the Memorandum & Articles of Association of Project Company/Project Developer/Solar Power Generator (highlighting the relevant provision of Power / Energy / Renewable Energy / Solar Power Plant development/Battery Energy Storage System Developer) in case the same was not available in the Memorandum & Articles of Association of the Bidder at the time of submission of Bid. If at any stage it is found that the documents furnished by the bidders during RfS are misleading or misrepresented in any way then the EMD shall be forfeited and the agency shall be blacklisted for an appropriate period decided by NHPC.

### **3.13 PAYMENT SECURITY MECHANISM (PSM) & SUCCESS CHARGES:**

Prior to declaration of commissioning of first part capacity of the Project, the BESSD shall furnish a Payment Security Deposit (PSD) @Rs. 5,00,000 / MWh (Rupees Five Lakh / MWh), to NHPC through DD/NEFT/RTGS. Thus, for a 125 MW/250 MWh Project, the payable Payment Security Deposit amount shall be Rs. 5,00,000/MWh x 250 MWh, i.e. Rs. 12,50,00,000/-. This fund shall form part of the Payment Security Fund maintained by NHPC for the Projects. Modalities of operationalization of the Payment Security Deposit will be notified by NHPC at appropriate stage, on the basis of necessary guidelines/orders to be issued by MNRE/MOP. The above amount shall be credited to NHPC pro-rata to the part capacity being commissioned at that stage.

#### **Success Charges:**

The Selected Bidder shall have to pay INR 1,00,000 / MWh (Rupees One Lakh/MWh) + 18% GST corresponding to the Contracted Capacity awarded as per the LoA, to NHPC towards administrative overheads, Project monitoring activities, coordination with State Authorities and others, DISCOM/STU, pre-commissioning and commissioning expense, etc. The payment has to be made by the BESSD in the form of DD/ Pay Order/ NEFT/ RTGS within 30 days of issuance of LoA. Any delay in depositing the said amount to the BIA as mentioned above within the stipulated time shall attract late payment charges @18% per annum+18% GST, levied on per day basis, on the total Success Charges, till (and including) the date of payment of Success Charges, which shall not be later than the date of signing of BESPA. BESPA shall only be signed after deposit of the Success Charges to the BIA. In case of delay in making full payment of above delay charges, the amount paid, if any until the above deadline, along with interest, shall be first reduced from the total amount due towards the delay charges and interest amount (i.e. rate of interest as stated above). Further, balance amount to be paid shall attract Interest rate @ one-year SBI MCLR rate /annum on pro-rata basis.

**3.14 BATTERY ENERGY STORAGE PURCHASE AGREEMENT (BESPA)**

- 3.14.1 The BIA *shall* enter into Battery Energy Storage Purchase Agreement (BESPA) with Bidders selected based on this RfS. The BESPA will be signed with the successful bidders only after signing of BESSA with the buying entity/APDISCOMs. BESPA will be executed between the BIA and selected bidder or its SPV separately for each Project.
- 3.14.2 The BESSD shall submit a detailed completion Schedule for the Project prior to the signing of BESPA. Broad details to be captured in the Schedule are the land procurement, grid connectivity order, supply and erection status of various Project components; financial arrangement/ tie up etc. The BESSD shall also submit the progress report to NHPC in a form acceptable to NHPC and shall contain percentage completion achieved compared with the planned percentage completion for each activity, and any such other information as required by NHPC.
- 3.14.3 Not used.
- 3.14.4 The BESPA shall be valid for a period of 12 years from the SCD of the Project or the date of full commissioning of the Project, whichever is later. Any extension of the BESPA period beyond the term of the BESPA shall be through mutual agreement between the BESSD and the BIA.
- 3.14.5 The Performance Bank Guarantee as per Clause 3.24 and Success Charges as per Clause 3.13 above, shall be submitted by the BESSD prior to signing of BESPA. Before signing of BESPA between the BIA and the BESSDs, the BIA will verify the shareholding of the Project Company along with a copy of complete documentary evidence. If at this stage it is found that the documents furnished by the BESSDs are false / misleading or misrepresented in any way, then the provisions contained in this RfS will be applicable.
- 3.14.6 Successful Bidders will have to submit the required documents to NHPC within 70 days from the issue of LoA or 30 days prior to the date of signing of BESPA, as intimated by NHPC, whichever is earlier. In case of delay in submission of documents beyond the period as mentioned above, the BIA shall not be liable for delay in verification of documents and subsequent delay in signing of BESPA. Effective Date of the BESPA shall be the date of signing of BESPA. In case NHPC intimates to the Successful Bidder, a particular date as the date for signing of BESPA and the BESPA signing gets delayed on account of reasons attributable to the BESSD, the date as specified by NHPC shall become the Effective Date of the BESPA, irrespective of the date of signing of BESPA.
- 3.14.7 Back-to-back Battery Energy Storage Sale Agreement (BESSA) in respect of all rights and obligation under the BESPA between the BESSD and NHPC, will be executed by NHPC with the Buying Entity for sale of storage capacity to Buying Entity, with the Buying Entity assuming all the obligations of the NHPC under the BESPA. NHPC's obligation to BESSD under the BESPA shall also be on the back-to-back basis as provided in the BESPA and the corresponding BESSA. Capacity procured from the



Project awarded under this RfS shall be allocated on back-to-back basis to the Buying Entity in consultation with APDISCOMs. Various provisions provided in the NHPC-BESSD BESPA shall mutatis mutandi apply to BESSA between NHPC and Buying Entity, however, BESSA signed with Buying Entity could be in elaborated form or in short form as per consultation done with APDISCOMs.

- 3.14.8 The BESSD will be free to replenish the battery capacity from time to time during the Term of the BESPA at its cost and expense to meet the performance criteria. However, the BIA will be obligated to off-take capacity only within the performance range as specified in the BESPA and at the charges applicable as per the existing agreements. Any excess supply will be dealt as per provisions of the BESPA.
- 3.14.9 The BESSDs are free to operate their projects after expiry of the BESPA term if other conditions such as land lease etc., permit. However, any extension of the BESPA term shall be carried out through mutual agreements between the BESSD, NHPC and the Buying Entity, as the case may be, as approved by the Appropriate Commission, provided that the arrangements with the land and infrastructure owning agencies, the relevant transmission utilities and system operators permit operation of the Project beyond the initial period of 12 years.

### **3.15 SUBMISSION OF RESPONSE TO RFS BY THE BIDDER**

The bidder is requested to submit the following documents in originals to the under mentioned address in a Sealed Envelope before end date and time of submission of Bid.

**General Manager (Civil Contracts - I)**

Room No.218, 2nd Floor, Jyoti Sadan, NHPC OFFICE COMPLEX,  
Sector-33, Faridabad-121003, Haryana, India

Tele No.: +91 (129) 2270596

[Email: contcivil1-co@nhpc.nic.in](mailto:contcivil1-co@nhpc.nic.in)

**The envelope shall bear (Battery Energy Storage System Project), the RfS No. and the words 'DO NOT OPEN BEFORE' (due date & time).**

1. Processing Fee in the form of Demand Draft of requisite amount in favour of "NHPC Limited" payable at Faridabad.
2. Bank Guarantee/POI/Insurance Surety Bond towards EMD as per **Format 6.3 A/6.3 A(I)/ 6.3A(II)**.
3. Duly signed Original Integrity Pact
4. Certified True Copy of Board Resolution from the Bidding Company or the Lead Member of the Consortium, as the case may be, in favour of the person signing the response to RfS.

5. Certificate of Compliance as per **Format 6.13a/6.13b**.

The response to RfS shall be submitted electronically in the method specified as per **Clause 3.19** on <http://eprocure.gov.in/eprocure/app> which should contain the following:

**A. First Envelope (Technical Bid):** - Bidders shall submit technical bid containing the scanned copy of following documents in SEQUENCE as mentioned below with index and page number duly mentioned on each page and in index: -

1. Covering Letter as per **Format 6.1**;
2. In case of a Bidding Consortium, a Power of Attorney in favour of the Lead Member issued by all the other Members of the Consortium shall be provided as per **Format 6.2**.

In the event any Member of the Bidding Consortium (other than Lead Member) being a foreign entity, it may submit Board Resolutions in place of Power of Attorney for the purpose of fulfilling the requirements under this Clause. Provided that such Board Resolutions shall be supported by an unqualified opinion issued by the legal counsel of such foreign entity stating that the Board Resolutions are in compliance with the applicable laws of the respective jurisdictions of the issuing Company and the authorizations granted therein are true and valid.

3. Board Resolutions, as per **Format 6.4** duly certified by the Company Secretary or the Director of the relevant Bidder, as applicable to the Bidder and mentioned hereunder:
  - a. Board Resolution from the Bidding Company or the Lead Member of the Consortium, as the case may be, in favour of the person signing the response to RfS;
  - b. Board Resolution from the Bidding Company committing one hundred percent (100%) of the equity requirement for the Project / Board Resolutions from each of the Consortium Members together in aggregate committing to one hundred percent (100%) of equity requirement for the Project (in case of Bidding Consortium) and authorizing a person to execute the Consortium agreement;
  - c. Board Resolutions from each of the Consortium Members and Lead member contributing such additional amount over and above the percentage limit (specified for the Lead Member and other member in the Consortium Agreement) to the extent becoming necessary towards the total equity share in the Project Company, obligatory on the part of the Consortium pursuant to the terms and conditions contained in the Consortium Agreement.
  - d. Board Resolutions from Parent and/or Affiliate (whose credentials were used in the response to RfS) of the Bidding Company / any Member of the Bidding Consortium undertaking to invest the entire amount and submit the requisite Performance Bank Guarantee as committed by Bidding Company / Member of the Bidding Consortium, in event of failure of Bidding Company / Member of the Bidding Consortium to make such investment and/or to submit the requisite Performance Bank Guarantee.

4. In case of a Consortium, the Consortium Agreement between the Members in the Consortium as per **Format 6.5** along with Board resolution from each Member of the Consortium for participating in consortium;
5. Financial Requirements as per **Format 6.6** as applicable;
6. Format for Technical Criteria wherein Bidder shall certify that the technology to be adopted shall be commercially established and operational technology as per **Format 6.7**;
7. A disclosure statement as per **Format 6.8 / 6.8(A)** regarding participation of any related companies in this bidding process;
8. Declaration by the Bidding Company / Lead Member of Bidding Consortium for the Proposed Technology Tie Up as per **Format 6.9**;
9. Checklist for Bank Guarantee as per **Appendix - A**;
10. Memorandum & Articles of Association (highlighting relevant provision of Power / Energy / Renewable Energy / Solar Power Plant/ Battery Energy Storage System development), Certificate of Incorporation (if applicable) of Bidding Company / all member companies of Bidding Consortium along with shareholders rights and obligations filed with ROC. In case of foreign bidders having documents other than English language then all these documents shall be translated in English language by approved translator and shall be notarized by the Indian Consulate in that country.

At the time of submission of bid if the Bidder does not have the aforesaid relevant provision of Power / Energy / Renewable Energy / Solar Power Plant/Battery Energy Storage System development in its existing Memorandum & Articles of Association, the same may be incorporated later in the Memorandum & Articles of Association of Project Company / Renewable Energy/ Solar Power Generator/ Battery Energy Storage System Project Developer and submit the same to NHPC **within 15** days from the date of issue of Letter of Award and before signing of BESPA.

**B. Second Envelope (Financial Bid): -**

Bidders shall submit the Financial Bid as per **Format 6.11** containing the First round tariff bid (in Rs/MW/Month). The bidders may quote different tariffs / fixed cost for the different locations applied by them. The Bidder has to accept that the quoted first round tariff bid is valid for capacity of projects qualified.

First round tariff bid (in Rs/MW/month) shall be quoted in Indian Rupees per MWh per Month in whole numbers only (no decimal places allowed). If it is quoted with any decimal places, the digits in the decimal places shall be ignored. (For e.g. if the quoted tariff is INR 2,00,000.34/MW/month, then it shall be considered as INR 2,00,000/MW/month).

**3.16 REJECTION OF BID**

Wherever information has been sought in specified formats, the Bidders shall fill-in the details as per the prescribed formats and shall refrain from referring to any other document for providing any information required in the prescribed format. Any document submitted in format other than that specified in this RfS document may call for rejection of bid.

### **3.16.1 Modification of Bid**

The bidder may modify its bid prior to deadline of bid submission. For the purpose of evaluation, the last modified bid uploaded on CPP portal shall be considered as final submission.

### **3.17 THE BIDDER SHOULD NOTE THAT:**

- a. The bidder may be shortlisted based on the declarations made by them in relevant schedules of RfS. The documents submitted online will be verified before signing of BESPA in terms of Clause 3.12.
- b. If the Bidder/Member in a Bidding Consortium conceals any material information or makes a wrong/misleading statement or misrepresents facts in its response to RfS, in any manner whatsoever, NHPC reserves the right to reject such response to RfS and/or cancel the Letter of Award, if issued and the Bank Guarantee provided upto that stage shall be encashed. Bidder shall be solely responsible for disqualification based on their declaration in the response to RfS submitted online with CPP website.
- c. If the event specified at 3.17 (b) above is discovered after the Effective Date of BESPA, it shall be treated as “BESSD Event of Default” under BESPA and consequences as specified in BESPA shall apply.
- d. Response submitted by the Bidder shall become the property of NHPC and NHPC shall have no obligation to return the same to the Bidder.
- e. All documents of the response to RfS submitted online must be digitally signed by the person authorized by their respective Boards on behalf of the Bidder as per **Format 6.4**.
- f. The response to RfS shall be submitted as mentioned in Clause 3.15 above. No change or supplemental information to a response to RfS will be accepted after the scheduled date and time of submission of response to RfS. However NHPC reserves the right to seek additional information or clarifications from the Bidders, if found necessary, during the course of evaluation of the response to RfS.
- g. Bidders shall mention the name of the contact person and complete address of the Bidder in the covering letter.
- h. Response to RfS that are incomplete or do not substantially meet the requirements prescribed in this RfS, will be liable to rejection by NHPC.
- i. Response to RfS not submitted in the specified formats will be liable to rejection by NHPC.

- j. Bidders delaying in submission of additional information or clarifications sought by NHPC will be liable to rejection.
- k. Non submission and/or submission of incomplete data/ information required under the provisions of RfS shall not be construed as waiver on the part of NHPC of the obligation of the Bidder to furnish the said data/information unless the waiver is given in writing.
- l. Only Faridabad Courts shall have exclusive jurisdiction in all matters pertaining to RfS.
- m. All the information should be submitted in English language only. In case of foreign bidders having documents other than English language then all these documents shall be translated in English language by approved translator and shall be notarized by the Indian Consulate in that country.

### **3.18 DUE DATE**

Bidders should submit the response to RfS online on Central Public Procurement e-Portal <http://eprocure.gov.in/eprocure/app> as per the schedule specified at Clause 3.4 above. No offline or late bids will be allowed.

### **3.19 METHOD OF SUBMISSION**

Detail instructions to be followed by the bidders for online submission of response to RfS are as stated at **Annexure - 4**.

### **3.20 VALIDITY OF THE RESPONSE TO RFS**

The Bidder shall submit the response to RfS which shall remain valid up to **One Hundred Eighty (180) days** from the technical bid opening date (“**Bid Validity**”). NHPC reserves the right to reject any response to RfS which does not meet the aforementioned validity requirement. In exceptional circumstances, NHPC may solicit the Bidder's consent to an extension of the initial bid validity period. The request and responses thereto shall be made in writing by email or post or by telefax followed by post confirmation. If a Bidder accepts to extend the period of bid validity, the validity of Earnest Money Deposit shall also be suitably extended. A Bidder may refuse the request to extend the period of bid validity. In such case NHPC will not forfeit its Earnest Money Deposit. A Bidder granting the request will not be required nor permitted to modify its bid.

### **3.21 PREPARATION COST**

The Bidder shall be responsible for all the costs associated with preparation and submission of the response to RfS, attending training program and participation in discussions and attending pre-bid meeting(s), etc. NHPC shall not be responsible, in any way, for such costs, regardless of the conduct or outcome of the bid process.

### **3.22 ENQUIRIES / CLARIFICATIONS**

#### **a. Pre-Bid Meeting**



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS  
in the state of Andhra Pradesh under TBCB**

- i. Clarifications/ Doubts, if any, on RfS document may be addressed to General Manager (Civil-Contracts-I) at the address mentioned below on or before the date as mentioned in the Clause 3.4 above.
- ii. NHPC will make all efforts to respond to the same in the Pre-Bid Conference to be held as per Clause 3.4 above at **NHPC Office Complex, Sector-33, Faridabad (Haryana)-121003**. A compiled list of such questionnaire and NHPC's response will be uploaded in the website <http://eprocure.gov.in/eprocure/app>. Bidders are required to remain updated with the website. No separate reply/intimation will be given elsewhere. Verbal clarifications & information given by NHPC or their employees(s) or their representative(s) shall not be in any way binding on NHPC.

Enquiries/ clarifications may be sought by the Bidder in following format on email ID: [contcivil1co@nhpc.nic.in](mailto:contcivil1co@nhpc.nic.in):

Sl. No.	Clause No. of RfS	Provisions of RfS	Query of bidder

The bidders are required to submit the queries in MS Word file also. Name & Address of the Authorized Person of NHPC:

Name & Address of the Authorized Person of NHPC:

General Manager (Civil Contracts-I)

Room No.218, 2nd Floor, Jyoti Sadan, NHPC OFFICE COMPLEX,

Sector-33, Faridabad-121003, Haryana, India

Tele No :+91 (129) 2270596

Email: [contcivil1-co@nhpc.nic.in](mailto:contcivil1-co@nhpc.nic.in)

### **3.22.1 Amendment to RfS Documents**

At any time prior to the deadline for submission of bids, NHPC may, for any reason, whether at its own initiative, or in response to a clarification requested by a prospective Bidder, amend the RfS documents. The amendment will be uploaded on the website <http://eprocure.gov.in/eprocure/app>. Bidders are required to remain updated with the website. No separate intimation will be given elsewhere. The amendment will be binding on Bidders and it will be assumed that the information contained therein will have been taken into account by the Bidder in its bid.

### **3.22.2 Clarification on Bids**

During bid evaluation, NHPC may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the substance of the bid shall be sought, offered or permitted.

### **3.23 RIGHT OF NHPC TO REJECT A BID**



NHPC reserves the right to reject all or any of the response to RfS or cancel the tender or annul the bidding process at any stage without assigning any reasons whatsoever and without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the NHPC's action.

### **3.24 BANK GUARANTEES**

The Bidder shall provide the following Bank Guarantees for the amounts expressed in Indian Rupees issued by an Indian Nationalized / Scheduled Commercial Bank or a Foreign Bank notified as a Scheduled Bank under the provisions of the 'Reserve Bank of India Act' through any of its Branches in India.:

- i) Earnest Money Deposit (EMD) of Rs 3.41 Lakh Per MWh (Three Lacs Forty One Thousand Per MWh)** in the form of DD/BG/POI/Insurance Surety Bond Subject to Maximum of Rs 10 Crs per Project according to Format 6.3A/ 6.3A(I)/ 6.3A(II) and valid for 12 months from the last date of bid submission, shall be submitted by the Bidder along with their bid, failing which the bid shall be summarily rejected. The Bank Guarantees towards EMD have to be issued in the name of the Bidding Company/ Lead Member of Bidding Consortium. In the event of encashment of EMD, the encashed amount shall include all applicable taxes. Scanned copy of Bank Guarantee towards EMD is to be submitted along with response to RfS in First Envelope (Technical Bid). However, the Bank Guarantee towards EMD (in original) in a sealed envelope is to be submitted in NHPC Office at Faridabad on or before bid submission date and time. If a bidder extends the period of bid validity pursuant to clause 3.20 of RfS, the validity of EMD shall also be extended so that it remains valid for a period of 60 days beyond the Bid Validity.

**Payment on Order Instrument (POI):** As an alternative to submission of EMD as above, the Bidder also has an option to submit a letter of undertaking issued by either of the following three organizations, viz. (i) Indian Renewable Development Agency Limited (IREDA) or (ii) Power Finance Corporation Limited or (iii) REC Limited only. The instrument of 'Letter of Undertaking' as described above in any other form, from any other non-banking financial institutions or bank except (i) Indian Renewable Energy Development Agency Limited (IREDA) or (ii) Power Finance Corporation Limited or (iii) REC Limited shall not be acceptable. This Letter of Undertaking shall be issued as "Payment on Order Instrument" (POI), wherein the POI issuing organization undertakes to pay in all scenarios under which the EMD would be liable to be encashed by NHPC within the provisions of RfS/BESPA. This instrument would have to be furnished as per Format 6.3 A (I) of the RfS, within the timelines as per Clause 3.24 (i) above, for the amount and validity period as per those Clause above.

**Insurance Surety Bond:** As an alternative to submission of EMD as above, the Bidder also has an option to submit Insurance Surety Bond issued by Insurance Company registered in India under Insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority (IRDAI) acceptable to NHPC in the prescribed proforma. This Insurance Surety Bond would have to be

furnished as per Format 6.3 A (II) of the RfS, within the timelines as per Clause 3.24 (i) above, for the amount and validity period as per those Clause above.

The term “Bank Guarantee (BG) towards/ against EMD” occurring in the RfS shall be read as “Bank Guarantee (BG)/ Payment on Order Instrument (POI)/ Insurance Surety Bond towards/ against EMD”.

- ii) Performance Bank Guarantee (PBG) of Rs. 8,52,500 /MWh for each project** as per Format 6.3 B/ 6.3 B (I)/6.3 B(II), is to be submitted by the successful bidder to NHPC before signing of BESPA. The PBG should be valid for a period up to (& including) the date as on 9 months after the Scheduled Commissioning Date of the Project. PBG shall be submitted for each project separately.

On receipt and after verification of the Total Performance Bank Guarantee in acceptable format and after signing of BESPA, the earlier Bank Guarantee towards EMD would be returned to the Bidder. It may be noted that BESPA will be signed only upon successful verification of the PBG submitted by the BESSD.

**Payment on Order Instrument (POI):** As an alternative to submission of PBG as above, the BESSD also has an option to submit a letter of undertaking issued by either of the following three organizations, viz. (i) Indian Renewable Energy Development Agency Limited (IREDA) or (ii) Power Finance Corporation Limited or (iii) REC Limited only. The instrument of ‘Letter of Undertaking’ as described above in any other form, from any other non-banking financial institutions or bank except (i) Indian Renewable Energy Development Agency Limited (IREDA) or (ii) Power Finance Corporation Limited or (iii) REC Limited shall not be acceptable. This Letter of Undertaking shall be issued as “Payment on Order Instrument” (POI), wherein the POI issuing organization undertakes to pay in all scenarios under which the PBG would be liable to be encashed by NHPC within the provisions of RfS/BESPA. This instrument would have to be furnished as per Format 6.3 B(I) of the RfS, within the timelines as per Clause 3.24 ((ii) above, for the amount and validity period as per those Clause above. In case the BESSD chooses to submit POI, delay in submission of the POI beyond the timeline stipulated at Clause 3.24 ((ii) above, the provisions of Clause 3.24 ((ii) will be applicable in this case too.

**Insurance Surety Bond:** As an alternative to submission of PBG as above, the Bidder also has an option to submit Insurance Surety Bond issued by Insurance Company registered in India under Insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority (IRDAI) acceptable to NHPC in the prescribed proforma. This Insurance Surety Bond would have to be furnished as per Format 6.3 B (II) of the RfS, within the timelines as per Clause 3.24 (ii) above, for the amount and validity period as per those Clause above.

The Bank Guarantees submitted by a generator as ‘Performance Bank Guarantee(PBG)’ may be released, if the generator is able to replace the same with "Payment on Order instrument" / Letter(s) of Undertaking to pay in case situation of default of generator in terms of Battery Energy Storage Agreement (BESPA) arises, from



Indian Renewable Energy Development Agency Limited (IREDA) or Power Finance Corporation Limited (PFC) or REC Limited (REC). Generators can seek such Letters(s) by offering due security to the above mentioned three nonbanking financial institutions (IREDA, PFC & REC) for seeking replacement of their Bank Guarantees already pledged with the implementing agencies.

The term “Performance Bank Guarantee (PBG)” occurring in the RfS shall be read as “Performance Bank Guarantee” (PBG)/Payment on Order Instrument (POI) / Insurance Surety Bond”

In case of a Joint Venture / Consortium, the Performance Bank Guarantee shall be in the name of individual partner of Joint Venture in proportion of its participation share. The performance security shall not be released till liquidated damages, if any, is pending for recovery.

If the BESSD does not submit the performance security within the stipulated period due to any valid reason, Tender Inviting Authority may grant time extension for submission of performance security based on the request of BESSD.

In case, the BESSD does not submit performance security without a valid reason, NHPC shall impose simple interest @12% per annum on the full amount of applicable performance security (alongwith applicable taxes, if any) for the period of delay in submission of performance security. The interest on delayed period shall be calculated on pro rata basis for number of delayed days.

The interest accrued shall be payable by the BESSD within 14 days from the date of intimation by Tender Inviting Authority in form of Bank Demand Draft/ Banker Cheque in favour of ‘NHPC Ltd’, otherwise the same shall be recovered from any payment due or become due against bills / any other amount lying with NHPC.

The delayed submission of Performance Security by the BESSD shall be recorded in substantial completion and final completion certificates. Further, no claim for extension of time for completion period or any other type of claim on account of delayed submission of performance security shall be entertained.

- 1) If BESSD fails to submit the Performance Security within 45 days (for the contracts having time for completion - upto 12 months) or 60-days (for the contracts having time for completion - more than 12 months) from the date of notification of signing of Battery Energy Storage Purchase Agreement, then following actions shall be taken against such BESSD:
  - i) Award shall summarily be terminated
  - ii) EMD/ Bid security shall be forfeited.
  - iii) The bidder shall be debarred / banned to participate in the business dealings with NHPC for a period of one year.

- iv) The name of the Contractor shall be hosted on the NHPC website etc. as per existing norms of NHPC / Govt. of India.
- v) Such defaulted contractor shall not be eligible to participate in the bidding process of re-tender of this work.

***Note:** In case any extension is given to the Project, the corresponding extension needs to be made in the validity of PBG. The PBGs are required to be submitted in the name of the entity signing the BESPA. In case of BESPA being eventually signed with the SPV incorporated/utilized by the successful bidder, the PBG may be submitted in the name of the successful bidder at an earlier date, if the bidder chooses to do so, and the same shall be replaced by the PBG issued in the name of the SPV, prior to signing of BESPA.*

**(i) General:**

- a. The format of the Bank Guarantees/POI/Insurance Surety Bond prescribed in the Format 6.3 A / 6.3 A(I) / 6.3 A(II) (EMD)/ 6.3 B/ 6.3 B(I)/ 6.3 B(II) (PBG) shall be strictly adhered to and any deviation from the above Formats shall result in rejection of the EMD/PBG and consequently, the bid. In case of deviations in the formats of the Bank Guarantees, the corresponding BESPA shall not be signed. The selected Bidder for the Project selected based on this RfS is required to sign BESPA with NHPC within the timeline as stipulated in Clause 3.14 of the RfS. In case, NHPC offers to execute the BESPA with the Selected Bidder and if the Selected Bidder does not submit the requisite documents as per Clause 3.14 of the RfS, or does not meet eligibility criteria upon submission of documents or does not execute the BESPA within the stipulated time period, then the Bank Guarantee equivalent to the amount of the EMD shall be encashed by NHPC from the Bank Guarantee available with NHPC (i.e. EMD or PBG) as liquidated damages not amounting to penalty, the selected Project shall stand cancelled and the selected Bidder expressly waives off its rights and objections, if any, in that respect.
- b. The Bank Guarantees have to be executed on non-judicial Stamp paper / e-stamp paper of appropriate value, as per Stamp Act. The Bank Guarantees have to be in the name of the Bidding Company / Lead Member of Bidding Consortium.
- c. All expenditure towards execution of Bank Guarantees such as stamp duty etc. shall be borne by the Bidders/BESSDs. Any Bank Guarantee or amendment to be submitted as part of the bidding process / contract execution, shall be effective only when the BG issuance message is transmitted by the issuing bank through SFMS to (Name of the beneficiary: NHPC Ltd. Account No.: 10813608692 IFSC Code: SBIN0017313 Address of the Bank: State Bank of India 5th Floor, Red fort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi-110001) and a confirmation in this regard is received by NHPC”.

- d. In case of Bank Guarantees issued by foreign branch of a Scheduled Commercial Bank, the same is to be endorsed by the Indian branch of the same bank or SBI, and the endorsing bank would be required to provide the SFMS confirmation.

The EMD of unsuccessful bidders shall be released within fifteen days of the completion of reverse auction process.

- e. In addition to the other remedies, this PBG can be encashed to recover any damages/dues of the BESSD in terms of the BESPA. It is hereby clarified that the damages/dues recovered by the Intermediary Procurer by encashing the PBG, upon the default of the BESSD under the BESPA, shall be credited to the Payment Security Fund to be maintained by NHPC as mentioned in clause 3.13 of this RfS or may be dealt as per the guidelines/modalities issued by MNRE from time to time.
- f. The PBG of BESSDs shall be returned to them, after successful commissioning of their projects as per Terms of BESPA, after taking into account any liquidated damages due to delays in commissioning as per relevant Clauses of the RfS. In case of part commissioning, PBG, corresponding to the part capacity commissioned, shall be released after successful part commissioning of their projects as per Terms of BESPA, after taking into account any liquidated damages due to delays in commissioning as per relevant Clauses of the RfS.
- g. The Bank Guarantees have to be executed on non-judicial Stamp paper / e-stamp paper of appropriate value, as per Stamp Act. The Bank Guarantees have to be in the name of the Bidding Company / Lead Member of Bidding Consortium.
- h. In order to facilitate the Bidders to submit the Bank Guarantee as per the prescribed format and in line with the requirements, check-list at **Appendix – A** has been attached. Bidders are advised to take note of the above checklist while submitting the Bank Guarantees. Bidders have to submit the above check list duly filled in along with Bank Guarantee.

#### **3.24.1 Online Confirmation of BG towards EMD and PBG**

For online confirmation of Bank Guarantee against Performance Security and Bid Security, the bank details of NHPC to be communicated to the issuing Bank is as under:

Name of the beneficiary:	NHPC Ltd.
Account No. :	10813608692
IFSC Code:	SBIN0017313
Branch Code:	17313
Address of the Bank:	State Bank of India, 5 <sup>th</sup> Floor, Red Fort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi – 110 001

#### **3.25 FORFEITURE OF EMD**

The EMD shall be forfeited in following cases:

- a) If the bidder/his representatives commit any fraud while competing for this contract;
- b) If the bidder withdraws or varies the bid during the validity of the bid;
- c) In case, NHPC offers to execute the BESPA with the Selected Bidder and if the Selected Bidder does not submit the requisite documents as per Clause 3.12.4.1 or does not execute the BESPA, within the stipulated time period.
- d) If the bidder refuses to withdraw, without any cost to NHPC, any deviation, variation, additional condition or any other mention anywhere in the bid, contrary to the provisions of the RfS Document;
- e) If the bidder fails to furnish required Performance Bank Guarantee in accordance with Clause 3.24; and
- f) In case the bidder is disqualified from the bidding process in terms of Section 3 & 4 of Integrity Pact.

### **3.26 MINIMUM PAID UP SHARE CAPITAL TO BE HELD BY THE PROMOTER**

The Company developing the project shall provide the information about the Promoters and their shareholding in the Company to NHPC indicating the controlling shareholding at the stage of submission of RfS to NHPC.

No change in the controlling shareholding of the Bidding Company or Bidding Consortium shall be permitted from the date of submission of response to RfS till the execution of the BESPA. However, in case the Project is being set up by a listed Company, this condition will not be applicable.

Following shall not be considered as change in shareholding as mentioned above:

- a. Infusion of Fresh equity capital amongst the existing shareholders/promoters at the time of Bid Submission to meet equity requirements.
- b. Conversion of CCDs, CCPs etc. already issued to existing shareholders.
- c. Death, marriage, Divorce, minor attaining major (any legal heir who was minor at the time of signing of BESPA), insolvent, insane of existing shareholders.
- d. Transfer of shares within the members of Immediate Promoter Group only.
- e. Transfer of shares to IEPF.
- f. Issue of Bonus Shares

The Successful bidder, if being a single company, shall ensure that its shareholding in the SPV/ project company executing the BESPA shall not fall below 51% (fifty-one per cent) at any time prior to 1 (One) year from the COD, except with the prior approval of NHPC.

In the event the successful bidder is a consortium, then the combined shareholding of the consortium members in the SPV/project company executing the BESPA, shall not fall below 51% at any time prior to 1 (One) year from the COD, except with the prior approval of NHPC.

**Further, the successful bidder, shall ensure that its promoters** shall not cede control till 1 (One) year from the COD, except with the prior approval of NHPC. In this case it shall also be essential that the successful bidder shall provide the information about its promoters and their shareholding to NHPC before signing of the BESPA with NHPC.

Any change in the shareholding after the expiry of 1(One) year from the COD can be undertaken under intimation to NHPC.

The expression “control” shall mean the ownership, directly or indirectly, of more than 50% (fifty percent) of the voting shares of such Company or right to appoint majority Directors.

In the event the Battery Energy Storage System Developer is in default to the lender(s), lenders shall be entitled to undertake ‘Substitution of Promoter’ in concurrence with the Procurers.”

In the event of Change in Shareholding/ Substitution of Promoters triggered by the Financial Institutions leading to signing of fresh BESPA with a new entity, an amount of INR 10 Lakh per Project +18% GST per Transaction as Facilitation Fee (non-refundable) shall be deposited by the developer to NHPC.

***Note:** - In case Bidding Company or Bidding Consortium is selected for more than one project, then separate project company may be formed for each project; however the equity commitment (in case of bidding consortium) as informed at the stage of RfS shall be maintained in all the project companies to be formed before signing of BESPA with NHPC. Similarly for the Bidding Company, forming a project company with no change in Shareholding shall be permitted from the RfS stage upto BESPA, but the controlling shareholding as informed at the stage of RfS shall not change up to 1 (One)year after SCD of the Project. An Indian company can form a Special Purpose Vehicle (SPV) for execution of the Project before signing of BESPA. The SPV so formed shall be 100% owned subsidiary of the Bidding Company.*

### **3.27 FINANCIAL CLOSURE OR PROJECT FINANCING ARRANGEMENTS:**

- 3.27.1 The Projects shall achieve Financial Closure within the date as on 6 months prior to SCD or Extended SCD as the case may be.
- 3.27.2 At the stage of financial closure, the BESSDs shall report 100% tie-up of Financing Arrangements for the Projects. In this regard, the BESSD shall submit a certificate/necessary document from all financing agencies regarding the tie-up of

100% of the funds indicated for the Project, including arrangements of funds in the form of Equity.

- 3.27.3 Checklist of documents to be submitted at this stage is provided at **Annexure-2** of the RfS.
- 3.27.4 In case of default in achieving above condition as may be applicable within the stipulated time, the BIA shall be entitled to encash PBG/POI and shall remove the Project from the list of the selected Projects, unless the delay is on account of factors not owing to any action or inaction on the part of the BESSD, or caused due to a Force Majeure as per BESPA. An extension can however be considered, on the sole request of BESSD, on advance payment of extension charges of INR 1,000/- per day per MWh. This extension will not have an impact on the obligation of BESSD to achieve commissioning by the SCD of the Project. Subsequent to the completion of deadline for achieving financial closure, the BIA shall issue notices to the BESSDs who are not meeting the requirements of Financial Closure as per the RfS deadlines. The notice shall provide a period of 7 business days to the respective BESSDs to either furnish the necessary documents or make the above-mentioned payment of Rs. 1,000/MWh/day. In case of non-submission of either-the requisite documents or the necessary amount upon expiry of the above-mentioned notice period of 7 days-the BIA shall encash the PBG/POI of the corresponding BESSDs and terminate the BESPA for the corresponding Project. The amount of Rs. 1,000/MWh/day shall be paid by the BESSDs in advance prior to the commencement of the said delay period and shall be calculated based on the period of delay as estimated by the BESSD. In case of the BESSD meeting the requirements of Financial Closure before the last date of such proposed delay period, the remaining amount deposited by the BESSD shall be returned by the BIA. Interest on account of delay in deposition of the above-mentioned charges or on any subsequent extension sought, shall be levied @ one-year SBI MCLR rate /annum on pro-rata basis. Any extension charges paid so, shall be returned to the BESSD without any interest on achievement of successful commissioning within the SCD, on pro-rata basis, based on the project capacity commissioned as on SCD.
- 3.27.5 The BESSD will have to submit the required documents to the BIA at least 14 days prior to the scheduled Financial Closure date. In case of delay in submission of documents mentioned above, the BIA shall not be liable for delay in verification of documents and subsequent delay in Financial Closure.

### **3.28 LAND ARRANGEMENTS FOR THE PROJECT:**

- 3.28.1 Land identification and possession shall be in line with Clause 3.6 of the RfS.



- 3.28.2 The BESSD shall submit documents/Lease Agreements to establish possession/right to use the required land area in the name of the BESSD for a period not less than the complete term of the BESPA, on or before the SCD.
- 3.28.3 The BESSD shall submit a sworn affidavit from its authorized signatory, listing the details of the land and certifying that total land required for the Project is under clear possession of the BESSD.
- 3.28.4 With respect to demonstration of land possession by the BESSD, commissioning of the Project will not be allowed until the demonstration of land possession by the BESSD in terms of this Clause and Clause 7 of Section -3B (SCC) of the RfS. However, in case of delays in demonstrating land possession by the BESSD on account of Government delay (including but not limited to delay in land use pattern change, and/or relaxation under respective State land ceiling Act, and/or land lease permission from State Government/Authorities) or delay caused due to a Force Majeure as per BESPA, SCD shall be suitably extended.

**3.29 COMMERCIAL OPERATION DATE (COD):**

In case of part commissioning, Commercial Operation Date (COD) will be declared only for that part of Project Capacity. COD shall be the next day after the date of commissioning of the Project, as indicated on the Commissioning Certificate, upon successful commissioning of the full capacity of the Project or the last part capacity of the Project as the case may be, as declared in line with the commissioning procedure as provided in the BESPA / as per IEGC / State Grid code provisions. Similarly, for each part commissioning, COD will be the next day after actual date of commissioning of the respective part capacity.

The BESSD shall obtain necessary charging and safety clearances from the concerned authorities (STU/SLDC etc.) prior to commissioning of the Project. The 12-year tenure of BESPA shall be as per the provisions of BESPA. Any capacity being offered to the grid before COD shall be offered to the BIA. The BIA shall communicate its willingness to buy the BESS capacity made available before COD, within 15 days from the date of communication from BESSD. Declaration of COD will be governed by applicable Grid Code provisions, and in case of discrepancy between the procedure given in the RfS and that stipulated in the Grid Code, the provisions of Grid Code will prevail.

**3.30 Not used**

**3.31 CORRUPT OR FRAUDULENT PRACTICES:**

NHPC requires that Bidders observe the highest standard of ethics during the development and operation of Battery Energy Storage System Project(s). In pursuance of this policy, NHPC:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
  - (i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the bidding process or in the development and operation of Battery Energy Storage System Project(s); and
  - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence the bidding process or in the development and operation of Battery Energy Storage System Project(s) to the detriment of NHPC, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive NHPC of the benefits of free and open competition;
- (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the tender in question and the bid security of the bidder shall be forfeited;
- (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing the development and operation of Battery Energy Storage System Project(s).

### **3.32 Not used**

### **3.33 CONTACTING NHPC:**

- (a) Except for when NHPC has sought some clarification or additional information in writing from the bidder, no Bidder or his representative shall contact NHPC on any matter relating to its bid, from the time of the opening of bids to the time the LOA is issued.
- (b) Any effort by a Bidder to influence NHPC decision during the evaluation process before LOA is issued to successful bidder(s) may result in **rejection of the Bidder's bid.**

### **3.34 INTEGRITY PACT:**

Bidders are required to unconditionally accept the "Integrity Pact (IP)" (executed on plain paper) as per Format 6.12 to the RfS Documents and submit the same duly signed on all pages by the bidder's authorized signatory along with the bid. In case of bidder being a Consortium, the signing of Integrity Pact (IP) by all Consortium members is mandatory.

The Integrity Pact (IP) is to be submitted in hard copy along with other documents to be submitted offline as per Clause 3.12.4.1. Bidder's failure to comply with the aforesaid requirement regarding submission of 'Integrity Pact (IP)' shall lead to outright rejection of the bid and in such case the bid shall not be opened.

### **Independent External Monitors (IEM)s:**



In respect of this tender, the Independent External Monitors (IEM)s would be monitoring the bidding process and the development and operation of Battery Energy Storage System Project(s) to oversee implementation and effectiveness of the Integrity Pact Program.

To oversee the compliance of obligation under the Integrity Pact, Dr. Vinod Aggarwal, Shri Prabhash Singh and Sh. Upendra Malik have been appointed as Independent External Monitor (IEM) by the NHPC.

This panel is authorized to examine / consider all references made to it under this tender. The bidder(s), in case of any dispute(s) / complaint(s) pertaining to this tender may raise the issue either with the designated 'Nodal Officer' in NHPC or directly with the IEMs at following Address:

Dr.Vinod Aggarwal	Shri Prabhash Singh	Shri Upendra Malik
B-103, Sarvodaya Encalve	E7 M702, Housing Board Colony	B-108, NSG Society, Plot-2
2nd Floor, New Delhi-110017	Arera Colony, Bhopal Madhya Pradesh-462016	Pocket-6, Builders Area Greater Noida-201315 (UP)
Email: arsv50@gmail.com	Email: srgmhrbpl@gmail.com	Email: upendra.malik@gmail.com

The Independent External Monitors (IEMs) has the right to access without restriction to all Project documentations of NHPC including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his Project Documentations. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder / Contractor / Sub-Contractors / JV partners/Consortium member with confidentiality. CGM (Contracts - Civil) or his authorized representative shall be the Nodal Officer for necessary coordination in this regard.

**3.35** Not used

**3.36 MULTIPLE BIDS BY THE BIDDER**

Parent, Affiliate or Ultimate Parent or any Group Company with which the bidding company/member of bidding consortium have direct or indirect relationship cannot bid separately in the same selection process in which the bidding company/member of bidding consortium is participating. In case it is found at any stage that this condition is violated, the response to RfS of all such parties will be rejected and if LOA has been issued or BESPA has been signed, the same of all such agencies will be cancelled and the Bank Guarantees of all such agencies will be encashed.

### **3.37 Ineligibility for Participation in Retenders**

Notwithstanding the provisions specified in clause 3.25, if a bidder after having been issued the Letter of Award either does not sign the BESPA pursuant to Clause 3.14 or does not submit acceptable Performance Bank Guarantees pursuant to Clause 3.24 then such bidder shall be treated ineligible for participation in re-tendering of this particular selection process.



### SECTION 3B. SPECIAL CONDITIONS OF CONTRACT

#### 1 Scope of Work

- 1.1 Under this RfS, the BESSD shall be required to set up a Battery Energy Storage System (BESS), with the primary objective of making the energy storage facility available to the NHPC for charging/discharging of the BESS, on an “on demand” basis. Detailed criteria for performance are elaborated in Clause 6 of the RfS.
- 1.2 Setting up of the BESS and interconnection of the BESS with the InSTS network will be under the scope of the BESSD. This RfS is technology agnostic on the nature of battery storage system being opted by the BESSD, as long as it meets the definition of BESS under this RfS and the required performance criteria under the RfS and BESPA.
- 1.3 For the capacity under contract with NHPC, charging and discharging of the system has been provisioned to be tied up with APDISCOMs / Buying Entity. **The Buying Entity shall secure the charging power for the BESS project preferably from renewable energy sources (“BESS charging source”)** and meet the remaining requirement through any other source.

#### 2 Total capacity offered and Project sizing.

- 2.1 Selection of BESS Projects for a total capacity of 500 MW /1000 MWh will be carried out through e-bidding followed by e-Reverse Auction process. The total capacity of 1000 MWh will be awarded for injection at InSTS substations in the 3 (three) locations across Andhra Pradesh. The break-up of maximum capacities that will be awarded in these 3 locations along with connectivity voltage level, bay & land availability are as follows:

Sl.No	Location	Capacity in MW/MWh	Connectivity Voltage Level (in kV)	Bay Availability	Land Available (In Acre)
(1)	(2)	(3)	(4)	(5)	(6)
1	400kV Substation Jammalamadugu	225/450	220/132	2Nos 220KV bays available	Area1: 3.67  Area2: 5.46
2	400kV Substation Ghani	225/450	400/220	Space for 4 No's bays available, New	11.25

				bay to be constructed	
3	220kV Substation Kuppam	50/100	220/132	Space for 2 No's bays (132kV) available, New Bay to be Constructed	4
Total Capacity		500/1000			

- 2.2 The selection of Project Developers will be carried out based on the Contracted Capacity offered by the Bidders. In this context, the term “Project” used anywhere in the RfS, BESPA, will solely mean the BESS, set up by the BESSD to make available the Contracted Capacity as agreed to in the BESPA.
- 2.3 For a specified Contracted Capacity, any oversizing of the BESS over the minimum rated Energy capacities required under this RfS is left to the discretion of the BESSD. However, it is to be noted that, at the time of commissioning, rated capacity of the BESS (Power and Energy) to be installed as indicated in the BESPA, will be verified.

### **3 Minimum & Maximum Contracted Capacity Allocation for a Bidder**

Following conditions shall be applicable to the Bidders for submission of bids against this RfS:

- 3.1 A Bidder, including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit bids offering contracted Capacity of either one project or multiple projects in any combination out of total capacity of 500 MW / 1000 MWh in the prescribed formats. The Bidder may quote different tariffs / fixed cost for the different locations as identified in the Covering Letter (Format 6.1 of the RfS). Financial bid evaluation & e-RA will be done individually for each location, based on the number of Bidders and capacity specified in each location.

The minimum capacity against which the bids are to be submitted by the bidders in each location shall not be less than the Capacity at each location mentioned at Column (3) of table under Clause 2.1 above. The total capacity to be allocated to a Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company shall be up to 1000 MWh (total contracted capacity under this RfS), in case a bidder chooses to apply for all the three project locations.

The Project Capacity to be quoted shall be in the form of “x” MW/2x” MWh, i.e. the BESS system shall be rated for 2 hours charging and 2 hours discharging in two cycles.

**Note:** In case a common Company/Companies directly or indirectly hold(s) more than 10% but less than 26% shareholding in more than one Bidder participating in the RfS, each of

such Bidders will be required to submit the Disclosure as per Format 6.8A. In all other cases, Format 6.8 will be applicable.

- 3.2 The evaluation of bids shall be carried out as described in Section-4 of RfS. The methodology for Allocation of Projects is elaborated in Section-4 of RfS.
- 3.3 Subject to the exception as per Clause 3.1 above, multiple bids from same company including its Parent/ Ultimate Parent/Affiliates/Group Companies shall make all the bids submitted by the group invalid.
- 3.4 Project Developer Eligibility: Both public and private sectors should participate in the tender and that there should be at least one bid from a private sector participant, failing which the bid shall be cancelled and tender will be floated afresh.

#### **4 Project Location**

- 4.1 The total Project capacity of 500 MW / 1000 MWh shall be located in the vicinity of Substations of the STU network as per information mentioned at Clause 3.1 above in the State of Andhra Pradesh. The Project location(s) should be chosen taking cognizance of the provision as per Clause 3.1 & 3.6.1 Section -3A of the RfS. Land identification and allocation for the Projects will be under scope of the NREDCAP/APTRANSCO. Land will be provided on lease basis/right-of use basis to the BESSD through suitable agreement with NREDCAP/APTRANSCO, and the same shall be facilitated by NHPC. The format for Right to use agreement shall be furnished at later stage.

The above land area will be given to the BESSD on lease/Right of Use (ROU) within 60 days from Effective Date of the BESPA. In case of any delay in signing of ROU agreement of land to the BESSD, the Financial Closure and Commissioning milestones will be suitably extended.

As Battery Energy Storage System is prone to fire hazard, the BESSD shall provide suitable means such as fire barrier between switchyard and BESS to avoid fire to spread from BESS to Yard equipment.

The details in respect of sub-station location, type, voltage level, land availability and Contact details of concerned officers from APDISCOMs / APTRANSCO etc. for the site visit is attached at Annexure-9.

#### **5 Connectivity with the Grid**

- 5.1 The detail of Delivery Points for the projects shall be as per table under Clause 2.1 above. The Project should be designed for interconnection with the InSTS network in accordance with the prevailing SERC regulations in this regard. For interconnection with the grid and metering, the BESSD shall abide by all rules and regulations framed under the Electricity

Act, 2003 including the applicable Grid Code, Grid Connectivity Standards, Regulations on Communication System for transmission of electricity and other Regulations/Procedures (as amended from time to time) issued by Appropriate Commissions and Central Electricity Authority (CEA). Minimum voltage for interconnection at the InSTS shall be as per table given under Clause 2.1. BESSD shall also comply with the requirements mentioned in the First Time Charing (FTC) regulations/rules issued by the Government, as amended from time to time. All the Substations where BESS is proposed are AIS.

- 5.2 The responsibility of getting the InSTS connectivity shall entirely be of the BESSD and shall be at the cost of the BESSD, in line with the applicable regulations. The transmission of power up to the point of interconnection where metering is done for energy accounting, shall be the responsibility of the BESSD at its own cost. The maintenance of Transmission system up to the interconnection point shall be responsibility of the BESSD, to be undertaken entirely at its own cost.
- 5.3 The entire cost of construction of infrastructure from the Project upto and including at the Interconnection Point including construction of requisite Bays (as required), including but not limited to the transmission line, maintenance & all cost up to the delivery point shall be borne by the BESSD. The maintenance of the Transmission system up to the interconnection point shall be the responsibility of the BESSD, to be undertaken entirely at its cost and expense. The SLDC/Scheduling charges, connectivity and other charges shall be payable by BESSD. The BESSD shall be required to follow the Connectivity Procedure as per the applicable Regulations issued by Appropriate Regulatory Commission / CEA as amended from time to time. The Bidders have to choose the corresponding InSTS substations for Interconnection of the Project to the Grid. Bids indicating substations outside the above locations suggested will be liable for rejection.
- 5.4 Metering arrangement of each Project shall have to be adhered to in line with relevant clause of the BESPA.
- 5.5 For transmission of power during charging/discharging of the BESS, InSTS transmission charges and losses applicable as per the regulations, will be borne by the Buying Entity. All expenses including wheeling charges and losses in relation to the transmission and distribution beyond the Metering Point shall be borne by the Buying Entity. Arrangements shall be put in place prior to commissioning of project as regards the methodology for billing these expenses directly to the Buying Entity.
- 5.6 The BESSD shall comply with CERC/SERC regulations on Forecasting, Scheduling and Deviation Settlement, as applicable. The scheduling of power to/from the Project as per the applicable regulation shall be decided by NHPC/Buying Entity. However, any DSM penalties due to violation of the schedule of charging or discharging of the BESS shall be to the account of the BESSD. DSM penalties, if any, shall be levied separately on the

respective entities as applicable, at their respective ends for the charging and discharging activities.

- 5.7 In order to remove potential discrepancies and ambiguities, the BESSDs are hereby instructed that, as part of scheduling of power to/from the Project, they will be required to punch-in their respective schedules and subsequent revisions, by themselves, at the interfaces of the SLDC for the corridor of power flow, as per the Regulations in force, under intimation to the BIA. The BIA may facilitate in identification of any discrepancy and assist the BESSD for its early rectification without any liability on the BIA. The BESSD shall be solely responsible for discrepancy identification and its rectification to avoid any rejection/less payment of invoices.
- 5.8 Reactive power charges shall be on account of BESSD as applicable, at BESSD end during charging and discharging, as per CERC/SERC regulations.
- 5.9 The BESSDs will be required to apply for connectivity at the identified substation within 30 days of issuance of LOA and shall furnish copies of the application as well as granted connectivity, to the BIA at the earliest. In case the BESSD fails to obtain connectivity at its identified substation, the same shall be immediately notified by the BESSD to the BIA. At least 30 days prior to the proposed commissioning date, the BESSD shall be required to submit the Connectivity Agreement signed with the STU.

## **6 Performance Criteria of the Project**

### **6.1 Project performance parameters**

- a. The Contracted Capacity of the Project shall be in terms of “MW”. APDISCOMs obligation shall be to supply charging power and for off-take of entire Contracted Capacity and energy at Delivery point.
- b. For example, for a Project Capacity of 125 MW/250 MWh, Contracted Capacity shall be 125 MW/250 MWh under the BESP. Accordingly, for a Contracted Capacity of 125 MW, the BESP shall entitle the off-taker to schedule discharge upto 250 MWh of energy from the BESS in each cycle, subject to the following:
  - i. Buying Entity will schedule charging of the BESS with equal amount of energy plus energy expected to be lost as conversion losses (determined from the guaranteed Round-Trip Efficiency (RtE) of the system).

Illustration: For a Contracted Capacity of 125MW/ 250 MWh, assuming an RtE of 85%, Buying Entity shall supply charging power to the tune of 294.11 MWh, to expect a discharge of 250 MWh as per the desired schedule.



- ii. Energy scheduled for discharge in a given cycle during a year shall be more than or equal to the Min. Dispatchable Energy Capacity at the End of Year as specified in Clause 6.1 e.iv. below.

Illustration: For example, during the 3<sup>rd</sup> Year after SCD, the energy scheduled for discharge from 125 MW/ 250 MWh capacity shall be more than or equal to  $125 \times 0.925 \times 2 = 231.25 \text{ MWh}$  per cycle.

- iii. APDISCOMs shall provide the charging energy factoring the RtE, as per specified RtE in RfS.

- c. The total Project Capacity shall be for supply to and offtake by APDISCOMs and there will be no merchant capacity. The BESSD shall adhere to the specifications and performance requirements laid out in Annexure-1 of the RfS in this regard.
- d. Power rating of a 1000 MWh (500 MW x 2 hours) BESS will be 500 MW, i.e., the maximum value of the active output and input power at the Delivery Point. Input power shall be provided by APDISCOMs at delivery point for contract capacity as illustrated in 6.1 (b). The Energy rating of 1000MWh of the system will be the dispatchable capacity at SCD of the system considering degradation of BESS as provided in RfS, as measured at the Metering Point. Terms and definitions of terminologies related to BESS shall be as defined in IEC 62933-2-1.
- e. The BESSD shall make the BESS available for 2 operational cycle per day, i.e. two complete charge-discharge cycles per day. Following provisions shall be applicable on the entire Capacity guaranteed to be off taken by APDISCOMs:
- i. The procurement shall be in power (MW) terms. The BESSD shall install, operate and maintain the BESS to offer facility to Buying Entity to charge and to discharge the BESS on an “on demand” basis. The BESSD shall guarantee a **minimum system availability of 95%** on monthly basis. The BESSD shall pay the liquidated damages for such shortfall and shall duly pay such damages to the BIA to enable NHPC to remit the amount to Buying Entity under BESSA. Amount of such liquidated damages shall be twice the Capacity Charges for the capacity not made available.
- ii. “Availability” of the Project shall mean the ability of the BESS to execute a function i.e. charging or discharging, when called upon to do so, as per the schedule or signal provided by the off-taker, subject to the minimum system ratings specified herein. In addition, the BESSD shall also demonstrate, on annual basis, 100% of the minimum dispatchable capacity of the BESS as required under Clause 6.1.e.iv below.



For a given BESPA, the Monthly availability guarantee shall commence from the date of commissioning of the system and shall be calculated as below:

**Monthly System Availability = Mean of the System availabilities of all time-blocks during the month in which the off-taker has scheduled power for charging/discharging the BESS.**

Where,

System Availability in a time-block =  $\frac{\text{Actual Injection/Drawl } MUi (A)}{\text{Scheduled Injection /Drawl } MUi (B)}$

where

- a) i refers to the  $i^{th}$  time-block in the year where Scheduled Injection/Drawl  $MUi \neq 0$ .
- b) Actual Injection/Drawl  $MUi$  is the Actual Energy for Charging/Discharging in the  $i^{th}$  time-block, in MUs
- c) Scheduled Injection/Drawl  $MUi$  is the Energy Scheduled for Charging/Discharging in the  $i^{th}$  time-block, in MUs
- d) A and B shall be as per the DSM/UI Reports published by the SLDC or measurement at the Main ABT Meter at the Point of Interconnection.

System Monthly availability shall be calculated as per above. The liquidated damages for **system availability below 95%** shall be settled on monthly basis and if it is not able to settle in the same/ current month, it will be carried forward for settlement in subsequent month(s).

- iii. The BESSD shall guarantee a **minimum AC to AC roundtrip efficiency (RtE) of 85%** for the system on monthly basis. The BESSD shall be liable for Liquidated Damages to the off-taker, if any, on account of excess conversion losses, based on the following conditions:
  - (a) For  $RtE < 70\%$ , there shall be a liquidated damage @ 1.5 times APPC tariff of previous financial year of APDISCOMs levied upon the excess conversion losses, considering system  $RtE = 85\%$ .
  - (b) For  $70\% \leq RtE < 85\%$ , there shall be a liquidated damage levied @ APPC tariff of previous financial year of APDISCOMs levied upon excess conversion losses considering system  $RtE = 85\%$ .

(c) For  $RtE \geq 85\%$ , there shall be incentive @Rs. 0.50 per unit of excess discharge of energy considering system  $RtE = 85\%$

**System Roundtrip Efficiency =**

*Sum Total of Actual Injection/Discharging MUs<sub>j</sub> in a month (C)*

*Sum Total of Actual Drawal/Charging MUs<sub>j</sub> in a month (D)*

Where,

j refers to the j<sup>th</sup> month in a year;

$D \neq 0$ ;

$D \leq 2 \times Ebess \times (MDn-1 - (MDn-1 - MDn) \times j/12) / RtEg$ ; Ebess refers to Energy Rating specified in Clause 6.1 b above;

MDn-1 refers to minimum guaranteed dispatchable energy at the end of the previous year (as a % of Capacity at the COD specified in Clause 6.1 e.iv. below);

MDn refers to minimum guaranteed dispatchable energy at the end of the current year; RtEg refers to the guaranteed Round-Trip Efficiency under the BESPAs;

C and D shall be as per the DSM/UI Reports published by the SLDC or measurement at the Main ABT Meter at the Point of Interconnection.

**Note:**

- The Scheduled capacity shall be subject to the System Power Rating specified in Clause 6.1.a. above.
  - The BESSD shall take separate, metered connection for the Auxiliary Power load of BESS OR The BESSD can draw auxiliary power from Interconnection point. Separate meter would be arranged by Developer to measure Auxiliary consumption and that would be billed by APDISCOMs.
- iv. Taking into consideration capacity degradation, the minimum dispatchable energy to be made available by the BESSD at the end of a given year shall be as follows:

<b>Contract Year</b>	<b>Min. Dispatchable Capacity at the end of Year (as a % of Capacity at the Beginning of Life/Final SCD)</b>
1	97.5%
2	95.0%
3	92.5%
4	90.0%
5	87.5%
6	85.0%
7	82.5%
8	80.0%
9	77.5%
10	75.0%
11	72.5%
12	70.0%

- v. The nameplate ratings shall be achievable during discharge for the full range of environmental conditions at the project site when the battery is fully charged. In any case, the BESS shall be capable of being discharged at reduced power levels from that specified above. However, the energy discharged from the battery shall not require to be greater than the nameplate watt-hour rating specified herein.

For example, during the end of the 3rd Year after SCD, the energy scheduled for discharge from 125 MW capacity shall be more than or equal to  $125 \times 0.925 \times 2 = 231.25$  MWh.

- vi. Buying Entity shall, in accordance with Applicable Laws and Regulations thereunder, issue instructions to the BESSD through NHPC for despatch of electricity to the Grid during such period and in such volume as it may specify in its instructions. The BESSD shall clearly specify

the maximum recovery times required to restore the BESS for functional availability between duty cycles. The maximum allowed cooling time between Charge to Discharge or Discharge to charge would be 1 hr.

- vii. Operational Window: Operational Window shall mean the expected hours/duration of system (capacity) availability on each day during the term of the Contract, excluding:
- Maximum BESS recovery time as specified in this document
  - Grid Outages (duly certified to this effect by the Grid Operator)
  - Planned Maintenance Outage duly informed by the BESSD to the off-taker with at least one month's prior notice, subject to total no. of planned outage period being not more than 34 hours in a two-month period.

BESSD will have to comply with the Charging and Discharging Schedule as intimated by Buying Entity.

- viii. In addition to above, the BESSD shall also submit Available energy Test Report for the Project Capacity as per IEC 62933-2-1 on Annual basis.
- ix. It shall be the responsibility of the BESSD to make periodic replacements/replenishments of system capacities at its own cost to ensure annual guaranteed system ratings, if and when required, up to the Term of the Contract. Outage time as a result of replacement will also be counted as an "Accountable BESS Outage" for the purpose of computing BESS Availability.
- f. Pursuant to the provisions as above, the BESSD shall plan the despatch of electricity and convey its availability for scheduling thereof by the SLDC and shall supply electricity in accordance with the provisions of the Grid Code and the Electricity Act, 2003. The BESSD shall adhere to all the technical requirements as brought out in Annexure-1 of the RfS. The BESS shall conform to all the applicable CEA Standards for connectivity, metering, communication with the grid operators, etc and CERC/SERC Regulations.

## **6.2 Shortfall in meeting Performance Criteria**

Following provisions shall be applicable on the Contracted Capacity guaranteed to be offtaken by APDISCOMs:

- i. Shortfall in demonstrating minimum Availability: Subsequent to SCD of full Contracted Capacity, in case the Monthly Availability demonstrated by the BESSD is less than the minimum as specified above, such shortfall in performance shall make the BESSD liable to

pay the liquidated damages provided in the BESPA to NHPC to enable NHPC to remit the amount to Buying Entity.

Liquidated damages on account of shortfall in meeting the minimum system Availability criteria as per Clause 6.1.e.i., will be computed as follows:

**Liquidated damages in Rs.= (A – B) x C x D x 2** where,

A is Guaranteed Monthly Availability as per Clause 6.1.e.i. above;

B is Actual Monthly System Availability, as calculated as per Clause 6.1.e.ii. above;

C is BESS Power Capacity;

D is Capacity Charges Rs/MW/month as discovered through bidding process;

In case the BESSD fails to meet the monthly RtE demonstration as per Clause 6.1.e.iii above, additional Liquidated Damages for the unavailability of the required minimum RtE shall be applicable for the entire month.

It is clarified that the calculation of Availability as per Clause 6.1.e.(ii) of the RfS will not include the planned outage as declared by the BESSD under Clause 6.1.e (vii) of the RfS. However, in case the BESSD notifies any outage outside the planned outage hours, while the Buying Entity may not actually schedule any power injection/drawl during those outage hours, such hours will be covered in calculating the Annual Availability as per Clause 6.1.e.(ii).

For example, in case the BESSD notifies outage for 10 hours outside the total allocated quota of planned outage amounting to (34 x 6) hours, i.e. 204 hours, the denominator of the formula in Clause 6.1.e (ii) above will include the time-blocks corresponding to these 10 hours, and exclude the 204 hours of planned outage.

However, this damage shall not be applicable in events of Force Majeure identified under the BESPA with the BIA, affecting the availability of the system. An illustration to this effect is enclosed at **Annexure-8** of the RfS.

- ii. Shortfall in demonstrating minimum Round-trip-Efficiency: The provisions as per Clause 6.1.e.(iii) of the RfS shall be applicable in this case.

## **7 Commissioning of Projects**

The Commissioning of the Project shall be carried out by the BESSD in line with the procedure as per the BESPA. The BIA may authorize any individual or committee or organization to witness and validate the commissioning procedure on site. Commissioning certificates shall be issued by the BIA after successful commissioning. The BESSD shall obtain necessary

safety clearances from the Central Electricity Authority/CEIG/STU prior to commissioning of the Project.

#### **7.1 Part Commissioning**

Part commissioning of the Project, without prejudice to the imposition of liquidated damages in terms of the BESPA, on part which is not commissioned, shall be accepted by the BIA subject to the condition that the minimum part commissioning capacity for the 1<sup>st</sup> part will be 50% of the project capacity at each location. The total number of instalments in which a Project can be commissioned will not be more than 3, i.e., 1<sup>st</sup> initial instalment of 50% of the project capacity at each location as the case may be and 2 subsequent instalments.

However, the SCD will not get altered due to part commissioning. Irrespective of dates of part commissioning or full commissioning, the BESPA will remain in force for a period as per Clause 3.14.4 of the RfS.

In case of part-commissioning of the Project, the BESSD shall be required to submit documents/Lease Agreement to establish possession/right to use of the required land, corresponding to part capacity being commissioned, in the name of the BESSD for a period not less than the complete term of the BESPA, on or before the date of such part-commissioning.

In case of part-commissioning, payments as per the BESPA may be made on pro-rata basis, proportionate to the capacity commissioned. The procurement of part commissioned capacity shall be done by APDISCOMs /Buying Entity at the BESPA tariff plus NHPC's facilitation charges in the form of trading margin.

#### **7.2 Commissioning Schedule and Penalty for Delay in Commissioning**

- a. The Scheduled Commissioning Date (SCD) for commissioning of the full capacity of the Project shall be the date as on 18 months from the Effective Date of BESPA (for e.g. if Effective Date of the BESPA is 05.06.2025, then SCD shall be 05.12.2026).
- b. The maximum time period allowed for commissioning of the full Project Capacity with applicable penalty, shall be limited to the date as on 6 months from the SCD or the extended SCD (if applicable).
- c. In case of delay in commissioning of the Project beyond the SCD until the date as per Clause 7.2.b. above, as part of penalty, the total PBG/POI amount for the Project shall be encashed on per-day-basis and proportionate to the balance capacity not commissioned. For example, in case of contracted Capacity of 100 MW capacity, if commissioning of 60 MW capacity is delayed by 18 days beyond the SCD, then the penalty shall be calculated

as:  $PBG \text{ amount} \times (60/100) \times (18/180)$ . For the purpose of calculations of penalty, 'month' shall be considered consisting of 30 days.

- d. As an alternative to the above encashment of PBG/POI, the BESSD may choose to make a payment of the amount corresponding to the penalty, directly to the BIA. The BESSD shall intimate to the BIA, its chosen alternative out of the two options, within 10 business days of intimation of the penalty amount to the BESSD, as calculated by the BIA. In case no response is received from the BESSD until the lapse of the above deadline, the BIA shall encash the PBG/POI for the amount as per the penalty.
- e. In case the Developer chooses to make necessary payments in lieu of the penalty, the said payment shall be credited to the BIA account through NEFT payment, no later than 5 business days from the above intimation by the BESSD. In case of non-payment by the developer within the above deadline, the PBG will be encashed by the BIA on the next business day.
- f. In case Commissioning of the Project is delayed beyond the date as per Clause 7.2.b above, the BESPA capacity shall stand reduced/amended to the Project Capacity commissioned until the deadline as per Clause 7.2.b. above, the entire PBG/POI will be encashed by the BIA, and the BESPA for the Project shall stand terminated for the balance un-commissioned capacity.
- g. It is clarified that for the purpose of commissioning, the Project Capacity shall refer to the rated capacity of the Energy Storage System as declared by the BESSD in the BESPA. Any reduction in the Project Capacity on account of Clause 7.2 .e & f above, will have no bearing on the obligation of the BESSD to provide the Contracted Capacity as per the BESPA.

#### **8 Delay in Commissioning on Account of Delay in readiness of evacuation infrastructure/Grid Access Operationalization**

Subsequent to grant of connectivity, in case there is a delay in readiness of the STU substation at the Delivery Point, including readiness of the power evacuation and transmission infrastructure of the STU network until SCD of the Project, or delay in grant/operationalization of Grid Access, and it is established that:

- i. The BESSD has complied with the complete application formalities as per Clause 5.9 above,
- ii. The BESSD has adhered to the applicable Regulations/Procedures in this regard as notified by the SERC/STU, and

- iii. The delay in grant of connectivity by the STU and/or delay in readiness of the substation at the Delivery Point, including readiness of the power evacuation and transmission infrastructure of the STU network, is a factor attributable to the STU/transmission licensee and is beyond the control of the BESSD;

The above shall be treated as delays beyond the control of the BESSD and SCD for such Projects shall be revised as the date as on 30 days subsequent to the readiness of the Delivery Point and power evacuation infrastructure and/or operationalization of the Grid Access. Decision on requisite extension on account of the above factor shall be taken by the BIA.

In case of delay in commissioning of Project due to reasons beyond the reasonable control of the BESSD, the BIA may extend the SCD after examining the issue on a case-to-case basis.

## **9 Early Commissioning**

The BESSD shall be permitted for full commissioning as well as part-commissioning of the Project even prior to the SCD. Early commissioning of the Project will be allowed solely at the risk and cost of the BESSD, and the NHPC may purchase the capacity from such early commissioned Project at the BESPA charges (for the Contracted Capacity), and APDISCOMs /Buying Entity shall purchase the same at the BESPA tariff plus NHPC's facilitation charges in the form of trading margin. The developer shall give fifteen (15) days advance notice to the Procurer(s) regarding the advance commissioning of full or part capacity. The Procurer(s) shall give acceptance for availing such capacity within 15 days from the date of service of notice.

## **10 Viability Gap Funding Mechanism**

10.1 In line with the scheme guidelines issued by the Ministry of Power dated 17.10.2024, Projects selected under this RfS will be eligible for grant of Viability Gap Funding (VGF) support by the Government for development of Battery Energy Storage Systems, and the same will be disbursed through the BIA.

10.2 Under this RfS, the VGF amount eligible for each Developer shall be limited to the amount calculated **@Rs. 27,00,000/MWh (Rupees Twenty Seven Lakhs per MWh) or 30% of the capital cost of the Project Capacity awarded whichever is lower.** For example, for a Project Capacity of 100 MW/200 MWh, the maximum VGF amount to be sanctioned for the corresponding Project will be Rs. 54 Crores. BESS Developer shall submit certificate for the capital cost incurred for the Project awarded capacity, duly certified by the Statutory Auditors, within six months from the COD. In case VGF sanctioned amount is more than 30% of the certified capital cost, then VGF sanctioned amount shall stand revised to 30% of the certified capital cost and VGF disbursement amount shall be adjusted in the subsequent tranches or recovered from developer, as applicable.



10.3 VGF will be sanctioned separately for each Project, based on the Project Capacity as defined in the respective BESPA.

10.4 For each Project, disbursement of VGF will be carried out in 5 tranches, as follows:

<b>Disbursement of VGF</b>	<b>% of total VGF sanctioned</b>
Upon achieving Financial Closure as per the BESPA, subject to submission of Bank Guarantee to the BIA and possession of 90% of the total land required for the Project by the BESSD	10
Upon achieving Commercial Operation Date (COD) of the Project	45
Upon completion of 1 <sup>st</sup> year after COD	15
Upon completion of 2 <sup>nd</sup> year after COD	15
Upon completion of 3 <sup>rd</sup> year after COD	15
<b>Total</b>	<b>100</b>

10.5 The VGF for each project shall be disbursed to the BIA, once the BIA certifies the achievement of the disbursement schedule milestone and submission of the required Bank Guarantee by BESSD. BIA shall disburse the tranche wise VGF to BESSD only after receipt of the same from the Govt. of India and Submission of BG by BESSD as per Clause 10.6.

10.6 Bank Guarantee: The 1<sup>st</sup> tranche of VGF will be disbursed only after submission of Bank Guarantee (BG) for 100% of the total VGF amount to NHPC by the BESSD. This BG is in addition to the Performance Bank Guarantee provided by the developer as per clause 3.24 (ii) of Section 3A of this RfS. Upon achieving COD of the Project, the 2<sup>nd</sup> tranche of VGF shall be released. The BG will be retained by the BIA for a period of 5 years starting from the COD and will be returned after the end of 5 years, taking into account recovery of VGF, if any.

10.7 If the BESSD fails to commission the project in the timeline provided in this BESPA, and project got terminated after disbursement of the quantum of VGF, the BIA will have full right to recover the total amount of VGF being disbursed till the date of termination of BESPA plus interest @ SBI-MCLR (1 Year) plus five percent, as existing on the date of disbursement, accrued from the date of disbursement on the disbursed amount. In case Project

capacity is being reduced as per Article 4.6.1(b) of this BESPA, recovery of VGF amount shall be made on pro-rata basis corresponding to the capacity being terminated.

- 10.8 The BIA will have the right to recover the VGF disbursed through encashment of BG, if the BESPA gets terminated within the first 5 years after COD of the Project, on account of reasons solely attributable to the BESSD. Irrespective of the year of termination within the first 5 years after COD, the VGF amount to be recovered will be fixed as the amount disbursed until COD plus interest @ SBI-MCLR (1 Year) plus 5 percent, as existing on the date of disbursement, accrued from the date of disbursement on the disbursed amount.
- 10.9 If the Project is transferred or sold to a third party during the above tenure, the BG will be re-issued by the new entity, corresponding to the amount applicable. The sale/transfer of the Project shall be effective only on submission of BG by new entity. However, this will be subject to prior approval of sanctioning authority of Grants-in-Aid {Rule230(9)}, in view of the asset being acquired substantially out of Government Grants.

## **Section 4**

### **EVALUATION CRITERIA**

## **Section 4**

### **4.0 EVALUATION CRITERIA**

*The evaluation process comprises of the following three steps:*

1. Step I – Responsiveness check
2. Step II – Bid evaluation
3. Step III - Reverse Auction

#### **4.1 *Step I - Responsiveness check***

The electronic response to RfS submitted by the Bidder shall be scrutinized to establish “Responsiveness”. Each Bidder’s response to RfS shall be checked for compliance with the submission requirements set forth in this RfS.

Any of the following conditions shall cause the Bid to be “Non-responsive”:

- i) Response to RfS not submitted by the due date and time.
- ii) Response to RfS submitted by a Bidding Consortium not including the requisite Consortium Agreement signed by all members.
- iii) Response to RfS having Conflict of Interest.
- iv) Non submission or incomplete submission of any or all of the requisite documents mentioned at Clause 3.15.
- v) In addition to above, any relevant document required as per RfS not submitted in prescribed format.

The determination of a bid’s responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence. If a bid is not substantially responsive, it will be rejected by NHPC, and may not subsequently be made responsive by the Bidder by correction of the non-conformity or rectifying the cause for Non-responsive, However NHPC may waive any minor informality, nonconformity or irregularity in a bid that does not constitute a material deviation and that does not prejudice or affect the relative ranking of any bidder, Non– responsive bids will be liable for rejection by NHPC. The EMD submitted against such Non-responsive bids shall be returned to the bidders.

#### **4.2 *Step II - Bid evaluation***

Bid evaluation will be carried out considering the information furnished by Bidders as prescribed under **Section 6 - Formats**. This step would involve evaluation of the response to RfS of the Bidding Company/ Bidding Consortium as per the provisions specified in Section 3 of this RfS. First the evaluation of technical bid will be done. Then the financial bid (first round tariff bid) of all the qualified bidders will be opened.

After that Reverse Auction shall be conducted online for which all short-listed bidders as per methodology mentioned in Section-3 shall be invited to participate.

**4.3 Step III – Reverse Auction**

The reverse auction shall be conducted on the portal selected by NHPC as per detailed methodology mentioned in Section-3A.

At the end of selection process, a Letter of Award (LOA) will be issued to all the selected Bidders with the following conditions:

*“BESPA shall be signed only after signing of Battery Energy Storage Sale Agreement (BESSA) with the Buying Entity/ APDISCOMs and NHPC shall not be liable on any account for any delay / inability in signing of BESSA and BESPA”.*

**4.4** At any stage of the bidding process if a bidder is found to be qualified or successful for less capacity of Projects than applied for, in such cases following provisions shall apply:

- i) EMD shall not be refunded for excess project(s) applied for, until the selection process is completed or annulled or tender is cancelled. No such request for refund of EMD shall be entertained.
- ii) Even if the bidder is selected for less capacity of projects than initially applied for, EMD shall be refunded only after submission and acceptance of applicable Performance Bank Guarantee, signing of BESPA and compliance to other provisions of bidding document.



## **Section 5**

### **OTHER PROVISIONS**

## **Section 5**

### **5.0 OTHER PROVISIONS**

#### **5.1 Clearances Required from the Central/State Government and Other Local Bodies**

The BESSDs are required to obtain all necessary clearances and permits as required for setting up the Projects, including but not limited to the following :

- a. No Objection (NOC)/Environmental clearance (if applicable) for the Project.
- b. Forest Clearance (if applicable) for the land for the Project.
- c. Approval for water from the concerned authority (if applicable) required for the Project.
- d. Necessary approval(s) of CEIG (if required).
- e. Any other clearances as may be legally required, in order to establish and operate the Project

The above clearances, as applicable for the Project, will be required to be submitted to NHPC prior to commissioning of the Project, if sought by NHPC. In case of any of the clearances as indicated above being not applicable for the said Project, the BESSD shall submit an undertaking in this regard, and it shall be deemed that the BESSD has obtained all the necessary clearances for establishing and operating the Project. Any consequences contrary to the above shall be the responsibility of the BESSD. The BESSD shall also comply with all the laws, regulations, orders and procedures issued by the appropriate authority, applicable for setting up and implementing the Project. The BESSD shall be required to follow the applicable rules regarding project registration with the State Nodal Agency in line with the provisions of the applicable policies/regulations of the State where the Projects are being located. It shall be the responsibility of the BESSD to remain updated about the applicable charges payable to the SNA under the applicable State Policy.

**Note:** The BESSD should apply for all the necessary approvals, permits and clearances not more than 60 days from the Effective Date of BESPA (in respect of approvals, permits and clearances those are required for initially establishing the project), which shall be complete in all respects, incorporating the clarifications/changes as required by the concerned authorities. The above timeline shall be adhered to, in order to examine cases where the BESSD faces delay in grant of the necessary approvals and permits, for a period substantially greater than the standard period of grant of approval by the respective organizations.

- 5.2 In line with the O.M. issued by the Department of Expenditure, Ministry of Finance, vide No. 7/10/2021-PPD(1) dated 23.02.2023 and subsequent amendments and



clarifications thereto, the Bidder shall meet the following criteria for its bid to be considered for evaluation under the RfS:

- a. Any Bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority (as defined in the OM as referred above).
- b. Any Bidder (including an Indian Bidder) who has a Specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India will be eligible to participate in this RfS only if the Bidder is registered with the Competent Authority under the referred OM.
- c. “Bidder” in this reference, means any person or firm or company, including any member of a consortium, every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in this tender.
- d. “Bidder from a country which shares a land border with India” for the purpose of this clause, means:
  - i. An entity incorporated, established or registered in such a country; or
  - ii. A subsidiary of an entity incorporated, established or registered in such a country; or
  - iii. An entity substantially controlled through entities incorporated, established or registered in such a country; or
  - iv. An entity whose beneficial owner is situated in such a country; or
  - v. An Indian (or other) agent of such an entity; or
  - vi. A natural person who is a citizen of such a country; or
  - vii. A consortium where any member of the consortium falls under any of the above.
- e. “Beneficial owner” for the purposes of Clause 5.2.d.iv. above will be as defined in the referred OM, including subsequent amendments and clarifications thereto.
- f. In support of the above, the Bidder shall be required to submit necessary Undertaking, as per Format 6.8/6.8A of the RfS.
- g. Other provisions of the referred OM dated 23.02.2023, except Sl. 17 of the OM, will also be applicable for this tender. Any interpretation of the above clauses will be made in line with the referred OM, including subsequent amendments and clarifications thereto.

- 5.3 Subject to provisions of the Act, BIA / APDISCOMs, should approach the Appropriate Commission for adoption of tariff (capacity charges) discovered and quantum of capacity / electricity to be procured, within 30 days of issuance of Letter(s) of Award to the successful bidder(s). In case the tariff (capacity charges) adoption procedure requires signed BESPA to be submitted along with, the above timeline can be extended suitably. Subsequent to the End Procurer/Intermediary Procurer approaching the Appropriate Commission for adoption of tariffs, in case, the Appropriate Commission does not decide upon the same within 120 days from the Effective Date of the BESPA, the Procurer(s) shall



## **Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in the state of Andhra Pradesh under TBCB**

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grant appropriate extension of time in financial closure deadline and scheduled commissioning date to the BESSDs, corresponding to the delay (beyond 120 days of Effective Date of BESPA) in adoption by the Appropriate Commission, till the date of adoption by the Appropriate Commission.



## **Section 6**

### **FORMATS FOR BID SUBMISSION & ATTACHMENTS**

**6.0 List of Formats, Appendices and Annexures**

- i. Covering Letter (Format 6.1)
- ii. Power of Attorney in favour of Lead Member (Format 6.2)
- iii. Earnest Money Deposit (EMD) BG/ POI/Insurance Surety Bond (Format 6.3 A and 6.3 A(I) / 6.3 A(II))
- iv. Performance Bank Guarantee (Format 6.3 B and 6.3 B(I) / 6.3 B(II))
- v. Board Resolutions (Format 6.4)
- vi. Consortium Agreement (Format 6.5)
- vii. Financial Requirement (Format 6.6, 6.6 A)
- viii. Technical Criteria (Format 6.7)
- ix. Disclosure statement (Format 6.8 / 6.8A)
- x. Declaration by the Bidding Company / Lead Member of Bidding Consortium for the Proposed Technology Tie Up (Format 6.9);
- xi. deleted
- xii. Financial Bid (Format 6.11)
- xiii. Integrity Pact (Format 6.12)
- xiv. Certificate for compliance (Format 6.13a and 6.13b)
- xv. Preliminary Estimate of cost of Project (Format 6.14)
- xvi. Checklist for Bank Guarantee (Appendix – A);
- xvii. Technical Requirement for Battery Energy Storage System Projects (Annexure-1)
- xviii. Check List for Financial Closure (Annexure – 2)
- xix. Performa A-1 - For cases where funding will be from a company other than project company
- xx. Copy of BESPA and BESSA (Annexure-3)
- xxi. Special Instructions to Bidders for e-Tendering (Annexure-4)
- xxii. Terms and Conditions of Reverse Auction (Annexure-5)
- xxiii. Process Compliance Form for e-Reverse Auction (Annexure-6)
- xxiv. Format for submitting price confirmation for e-reverse auction (Annexure-7)
- xxv. Illustrations (Annexure-8)



xxvi. Project location details (Annexure-9)

xxvii. Single Line Diagram (Annexure-10)



**Format 6.1 – Format of Covering Letter**

**(The covering letter should be on the Letter Head of the Bidding Company/ Lead Member of the Bidding Consortium)**

**Date:**

**From :** \_\_\_\_\_ [*Insert Name and Address of Bidding Company/Lead Member of the Bidding Consortium*]

**Tel. #:**

**E-mail address #:**

**To**

**NHPC Limited**

NHPC OFFICE COMPLEX,

Sector-33, Faridabad-121003, Haryana, India

**Sub: Response to RfS No. .... dated ..... (Insert title of the RfS)**

**Dear Sir,**

We, the undersigned ..... [*insert name of the 'Bidder'*] having read, examined and understood in detail the RfS including Qualification Requirements in particular, terms and conditions of the standard BESPA for availability of Contracted Capacity for the Term of the BESPA to the Intermediary Procurer, hereby submit our response to RfS.

We confirm that in response to the aforesaid RfS, neither we nor any of our Ultimate Parent Company/ Parent Company/ Affiliate/ Group Company has submitted response to RfS other than this response to RfS, directly or indirectly, in response to the aforesaid RfS (as mentioned in Format 6.8 under Disclosure) **OR** We confirm that in the response to the aforesaid RfS, we have a Group Company who owns more than 10% but less than 26% in the bidding company as well as other companies who may participate in this RfS, and accordingly, we have submitted requisite undertaking as per Format 6.8A in this regard [*strike out whichever not applicable*].

We are submitting response to RfS for the development of following Project(s) [*strike out one of the projects if not applicable*]: -

Sl.No	Project Location (within the State of Andhra Pradesh)	Project Capacity (MW/MWh)	Interconnection Point Details	Total Land Area for the Project
1	400kV Substation Jammalamadugu	225/450		

2	400kV Substation Ghani	225/450		
3	220 kV Substation Kuppam Ghani	50/100		

1. We give our unconditional acceptance to the **RfS, No.....dated.....** [Insert date in dd/mm/yyyy], standard BESPA and BESSA documents attached thereto, issued by NHPC. In token of our acceptance to the RfS, BESPA and BESSA documents along with the amendments and clarifications issued by the NHPC, the same have been digitally signed by us and enclosed with the response to RfS. We shall ensure that the BESPA is executed as per the provisions of the RfS and provisions of BESPA and shall be binding on us. Further, we confirm that the Project shall be commissioned within the deadline as per Clause 7 of Section- 3B of RfS. We further undertake that we shall demonstrate possession of 100% area of the identified land, within the timelines as per the RfS.
2. **Earnest Money Deposit (EMD) :** - *Please read Clause 3.24 of Section -3A carefully before filling:*  
  
We have enclosed EMD of INR ..... (Insert Amount), in the form of Bank Guarantee no..... [Insert bank guarantee number] dated ..... [Insert date of bank guarantee] as per Format 6.3A from ..... [Insert name of bank providing bank guarantee] and valid up to.....in terms of Clause No. 3.24 of this RfS. The total capacity of the BESS Project offered by us is ..... MW/ ..... MWh. [Insert cumulative capacity proposed]. (strike off whichever is not applicable).
3. We hereby declare that in the event our Project(s) get selected and we are not able to submit Bank Guarantee/POI/Insurance Surety Bond of the requisite value(s) towards PBG, Success charge for the selected Projects, within due time as mentioned in this RfS on issue of LoA by NHPC for the selected Projects and/ or we are not able to sign BESPA with Intermediary Procurer within the timeline as stipulated in the RfS for the selected Projects, NHPC shall have the right to take action as per provisions of Format-6.3A of the RfS .
4. We have submitted our response to RfS strictly as per Section – 6 (Formats) of this RfS, without any deviations, conditions and without mentioning any assumptions or notes in the said Formats.
5. **Acceptance**  
  
We hereby unconditionally and irrevocably agree and accept that the decision made by the NHPC in respect of any matter regarding or arising out of the RfS shall be binding on us. We hereby expressly waive and withdraw any deviations from the provisions of the RfS and also waive and withdraw all claims in respect of this process.



We also unconditionally and irrevocably agree and accept that the decision made by the NHPC in respect of award of Projects according to our preference order as above and in line with the provisions of the RfS, shall be binding on us.

**6. Familiarity with Relevant Indian Laws & Regulations**

We confirm that we have studied the provisions of the relevant Indian laws Regulations and Order issued by judicial bodies as required to enable us to submit this response to RfS and execute the BESPA, in the event of our selection as Successful Bidder.

7. In case of our selection as the Successful bidder under the scheme and the project being executed by a Special Purpose Vehicle (SPV) incorporated by us which shall be our subsidiary, we shall infuse necessary equity to the requirements of RfS. Further we will submit a Board Resolution prior to signing of BESPA with the Intermediary Procurer, committing total equity infusion in the SPV as per the provisions of RfS.
8. We are enclosing herewith our response to the RfS with formats duly signed as desired by you in the RfS for your consideration.
9. It is confirmed that our response to the RfS is consistent with all the requirements of submission as stated in the RfS including all clarifications and amendments and subsequent communications from the NHPC.
10. The information submitted in our response to the RfS is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our response to the RfS.
11. We confirm that all the terms and conditions of our Bid are valid for a period of upto and including **one hundred and eighty (180) days** from the technical bid opening date unless extended by us on your request and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.
12. We hereby understand and confirm that NHPC reserves its right to verify the documents furnished by us at the time of submission of RfS including availability of the Net Worth to the extent claimed in the RfS with the original documents and bank statements and the shareholding of the Project Company along with a copy of complete documentary evidence supported with originals at any stage from evaluation upto the expiry of BESPA.

We understand and confirm that if the aforesaid documents furnished by us are found to be misleading or misrepresenting in any way, NHPC shall be free to take appropriate action including forfeiture of EMD and blacklisting us for an appropriate period decided by NHPC.

13. We, hereby, declare that only the persons or firms interested in this bid as named here and that no other persons or firms other than those mentioned herein have any interest in this bid or in the BESPA to be entered into. We confirm that this bid is made without any

connection with any other person, firm or party likewise submitting a bid. We further confirm that this bid is submitted in good faith and without collusion or fraud.

14. Contact Person

Details of the contact person are furnished as under:

Name : .....

Designation : .....

Company : .....

Address : .....

Phone Nos : .....

Fax Nos. : .....

E-mail address: .....

15. We have neither made any statement nor provided any information in this Bid, the best of our knowledge is materially inaccurate or misleading. Further, all the confirmations, declarations and representations made in our Bid are true and accurate. In case this is found to be incorrect after our selection as Successful Bidder, we agree that the same would be treated as a Seller's event of default under BESPA, and consequent provisions of BESPA shall apply.
16. If a Project Company/SPV is formed to sign the BESPA and execute the Project after we are selected as successful bidder, all terms and conditions of RfS document including BESPA shall apply to Project Company also wherever applicable. Further we confirm that Project Company shall sign the Integrity pact with NHPC as per Format 6.12 and submit certificates as per format 6.13 of RfS document.
17. We hereby undertake that we shall pay the requisite success charges & payment security deposit as per provision 3.13 of Section-3A of RfS, as part of payment security mechanism charges under the BESPA, to avail the benefits under the payment security mechanism as per BESPA.

Dated the \_\_\_\_\_ day of \_\_\_\_\_, 20...

Thanking you,  
Yours faithfully,

(Name, Designation and Signature of Person Authorized by the board)



**Format 6.2 – Format for Power of Attorney to be provided by each of the other members of the Consortium in favor of the Lead Member**

**POWER OF ATTORNEY**

**(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)**

KNOW ALL MEN BY THESE PRESENTS THAT ..... *[Name of The Consortium member company]* having its registered office at .....and *[Name of the Consortium member company]* having its registered office at .....  
*(Insert names and registered offices of all Members of the Consortium)* the Members of Consortium have formed a Bidding Consortium named *[Insert name of the Consortium if finalized]* (hereinafter called the ‘Consortium’) vide Consortium Agreement dated ..... (copy enclosed) and having agreed to appoint ..... *[Name & Address of the Lead Member Company]* as the Lead Member of the said Consortium do hereby constitute, nominate and appoint M/s ..... a company incorporated under the laws of ..... and having its Registered /Head Office at..... as our duly constituted lawful Attorney (hereinafter called as Lead Member) to exercise all or any of the powers for and on behalf of the Consortium in regard to submission of the response to RfS No..... We also authorize the said Lead Member to undertake the following acts:

- i) To submit on behalf of Consortium Members response to RfS
- ii) To do any other acts or submit any information and documents related to the above response to RfS, if required.

It is expressly understood that in the event of the Consortium being selected as Successful Bidder, this Power of Attorney shall remain valid, binding and irrevocable until the Bidding Consortium achieves execution of BESPA.

We as the Member of the Consortium agree and undertake to ratify and confirm all whatsoever the said Attorney/Lead Member has done on behalf of the Consortium Members pursuant to this Power of Attorney and the same shall bind us and deemed to have been done by us.

IN WITNESS WHEREOF ..... *[Name of member consortium Company]*, as the Member of the Consortium have executed these presents on this.....day of..... under the Common Seal of our company.

For and on behalf of Consortium Member  
M/s.....

(Signature of person authorized by the Board)  
(Name)

Designation



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS  
in the state of Andhra Pradesh under TBCB**

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Place:

Date:

(Signature, Name, Designation and Address of the person authorized by the board of the Lead Member)

Attested

(Signature of the Executant)

(Signature & stamp of Notary of the place of execution)

Place:

Date: -

**Note:** - Lead Member in the Consortium shall have the controlling shareholding in the company as defined in Section- 2, Definition of Terms of RfS



**Format 6.3 A – Format for BG for Earnest Money Deposit**

(To be on non-judicial stamp paper of appropriate value as per Stamp Act)

**Bid Security Forms**

**(Bank Guarantee)**

Bank Guarantee No.

Date:

(Name of Contract)

To: /NHPC Limited,  
Sector 33, Faridabad,  
Haryana 121003/

WHEREAS (name of Bidder) (hereinafter called “the Bidder”) has submitted its bid dated (date of bid) for the performance of the above-named Contract (hereinafter called “the Bid”)

KNOW ALL PERSONS by these present that WE (name of Bank) of (address of bank) (hereinafter called “the Bank”), are bound unto NHPC Limited (A Government of India Enterprise) for the sum of: (amount), for which payment well and truly to be made to the said NHPC Limited, Sector 33, Faridabad, Haryana 121003 hereinafter referred to as the ‘NHPC Limited’, the Bank binds itself, its successors and assigns by these presents.

THE CONDITIONS of this obligation are as follows:

1. If the Bidder

- (a) Withdraws or modifies its Bid during the period of bid validity or
- (b) adopts corrupt or collusive or coercive or fraudulent practices or defaults under the Integrity pact.

2. If the Bidder, having been notified of the acceptance of its Bid by the NHPC Limited during the period of bid validity

- a) fails or refuses to sign the Contract Agreement when required, or
- b) fails or refuses to submit the performance security in accordance with the Tender documents.

3. If the Bidder fails to withdraw the deviations at the cost of withdrawal stated by him in the bid.

WE undertake to pay to the NHPC Limited up to the above amount upon receipt of its first written demand, without the NHPC Limited having to substantiate its demand, provided that in its demand the NHPC Limited will mention that the amount claimed by it is due, owing to the occurrence of any of the above-named CONDITIONS, and specifying the occurred condition or conditions.

The Bank declares that this Bank Guarantee is issued by the bank, utilizing the credit limit of M/s..... (Name of Contractor)

This guarantee will remain in force up to and including (date 12 months from the last date of Bid Submission), and any demand in respect thereof must reach the Bank not later than the above date.



For and on behalf of the Bank in the capacity of Common Seal of the Bank

Common Seal of the Bank with complete address including Tel/Fax Nos Staff Authority No. of the officer of the Bank /Signatory

***INSTRUCTIONS FOR EXECUTION OF BANK GUARANTEE FOR EARNEST MONEY DEPOSIT***

1. Bank Guarantee for Earnest Money Deposit should be executed on non-judicial Stamp papers of requisite value in accordance with the stamp Act if applicable to that particular state of Indian Union country of executing Bank, where executed. In case the same is issued by a first class International bank, the law prevalent in the country of execution shall prevail for the purpose of Stamp Duty on the Bank Guarantee. However, in such a case, the Bank Guarantee for Earnest Money Deposit shall be got confirmed by the Bidder through any Indian Scheduled/Nationalized Bank.
2. The executing officers of the Bank Guarantee for Earnest Money/Bid Security shall clearly indicate in (block letters) his name, designation, Power of Attorney No. / Signing Power No. as well as telephone/ fax numbers with full correspondence address of the issuing Guarantee etc.
3. Each page of the Bank guarantee for Earnest Money Deposit shall be duly signed/initialed by the executing officers and the last page shall be signed in full, indicating the particulars as aforesaid (sub-para 2) under the seal of the Bank.
4. Stamp paper shall be purchased in the name of Bank issuing the Bank Guarantee, after the date 'Notice Inviting Tender', not more than six (6) months prior to execution/ issuance of the Bank Guarantee. The name of the purchaser should appear at the back side of stamp paper in the Vendors Stamp. The issuing Bank shall be requested independently for verification/confirmation of the Bank Guarantee issued, non-confirmation of which may lead to rejection of 'Bid Security'.
5. Irrevocable, valid and fully enforceable Bank Guarantee in favor of the NHPC Limited issued by any scheduled bank approved by the Reserve bank of India which is acceptable to the NHPC Limited. The Bank Guarantee issued by a Foreign Bank shall be routed through the corresponding branch of such scheduled foreign banks in India or any scheduled Bank, acceptable to the NHPC Limited.
6. Bank Guarantee for Bid security in original shall be submitted along with the Bid. However, the issuing Bank shall submit an unstamped duplicate copy of Bank Guarantee to the NHPC Limited (authority inviting tenders) with a forwarding letter.

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**Format 6.3 A(I)- Format for POI for Earnest Money Deposit**

**FORMAT OF PAYMENT ON ORDER INSTRUMENT TO BE ISSUED BY  
IREDA/REC/PFC (IN LIEU OF BG TOWARDS EMD)**

No. \_\_\_\_\_

Date \_\_\_\_\_

NHPC

**Reg: M/s \_\_\_\_\_ (insert name of the Bidder) – Issuance of Payment on  
Order Instrument for an amount of Rs.**

Dear Sir,

1. It is to be noted that M/s. \_\_\_\_\_ (*insert name of the POI issuing Agency*)  
(**IREDA/REC/PFC**) has sanctioned a non-fund based limit loan of Rs.  
\_\_\_\_\_ (Rupees \_\_\_\_\_ only) to M/s \_\_\_\_\_ under the  
Loan Agreement executed on \_\_\_\_\_ to execute Renewable Energy Projects.
2. At the request of M/s \_\_\_\_\_, on behalf of \_\_\_\_\_ (insert  
name of the Bidder), this Payment on Order Instrument (POI) for an amount of Rs. \_\_\_\_\_  
\_\_\_\_\_ (Rupees \_\_\_\_\_ (in words)). This Payment on Order Instrument comes  
into force immediately.
3. In consideration of the \_\_\_\_\_ [*Insert name of  
the Bidder*] (hereinafter referred to as 'Bidder') submitting the response to RfS inter  
alia for Setting up of InSTS connected standalone BESS Projects of the cumulative  
capacity of ..... MW/MWh [*Insert Project capacity proposed*] for supply of power there  
from on long term basis, in response to the RfS No.  
\_\_\_\_\_ dated \_\_\_\_\_ issued by NHPC Limited (hereinafter referred to  
as NHPC) and NHPC considering such response to the RfS of ..... [*Insert the  
name of the Bidder*] as per the terms of the RfS, the \_\_\_\_\_ [*Insert name  
& address of IREDA/PFC/REC*] hereby agrees unequivocally, irrevocably and unconditionally  
to pay to NHPC at [*Insert Name of the Place from the address of NHPC*] forthwith without  
demur on demand in writing from NHPC or any Officer authorized by it in this behalf, any  
amount up to and not exceeding Rupees ..... [*Insert amount not less than that  
derived on the basis of Rs.3.41  
Lakhs per MWh of capacity proposed*], only, on behalf of M/s ..... [*Insert name of the  
Bidder*].
4. In consideration of the above facts, IREDA/REC/PFC, having its registered office at \_\_\_\_\_,  
agrees to make payment for the sum of Rs. \_\_\_\_\_  
lakhs (in words.....) to NHPC on the following conditions:-



- (a) IREDA/REC/PFC agrees to make payment of the above said amount unconditionally, without demur and without protest within a period of \_\_\_\_\_ days of receipt of request from NHPC within the validity period of this letter as specified herein;
  - (b) The commitment of IREDA/REC/PFC, under this Payment of Order Instrument will have the same effect as that of the commitment under the Bank Guarantee issued by any Public Sector Bank and shall be enforceable in the same manner as in the case of a Bank Guarantee issued by a Bank and the same shall be irrevocable and shall be honored irrespective of any agreement or its breach between IREDA/REC/PFC or its constituents notwithstanding any dispute that may be raised by the against NHPC;
  - (c) The liability of IREDA/REC/PFC continues to be valid and binding on IREDA/REC/PFC and shall not be terminated, impaired and discharged, by virtue of change in its constitution and specific liability under letter of undertaking shall be binding on its successors or assignors;
  - (d) The liability of IREDA/REC/PFC shall continue to be valid and binding on IREDA/REC/PFC and shall not be terminated/ impaired/ discharged by any extension of time or variation and alternation made given or agreed with or without knowledge or consent of the parties (NHPC and Bidding Party), subject to the however to the maximum extent of amount stated herein and IREDA/REC/PFC is not liable to any interest or costs etc.;
  - (e) This Payment of Order Instrument can be invoked either partially or fully, till the date of validity;
  - (f) IREDA/REC/PFC agrees that it shall not require any proof in addition to the written demand by NHPC made in any format within the validity period. IREDA/REC/PFC shall not require NHPC to justify the invocation of the POI against the SPV/BESSD, to make any claim against or any demand against the SPV/BESSD or to give any notice to the SPV/BESSD;
  - (g) The POI shall be the primary obligation of IREDA/REC/PFC and NHPC shall not be obliged before enforcing the POI to take any action in any court or arbitral proceedings against the SPV/BESSD;
  - (h) Neither NHPC is required to justify the invocation of this POI nor shall IREDA/REC/PFC have any recourse against NHPC in respect of the payment made under letter of undertaking;
5. Notwithstanding anything contrary contained anywhere in this POI or in any other documents, this POI is and shall remain valid up to \_\_\_\_\_ and IREDA/REC/PFC shall make payment thereunder only if a written demand or request is raised within the said date and to the maximum extent of Rs. .... and IREDA/REC/PFC shall in no case, be liable for any interest, costs, charges and expenses and IREDA's/REC's/PFC's liability in no case will exceed more than the above amount stipulated.



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in the state of Andhra Pradesh under TBCB**

---

Thanking you,

Yours faithfully

For and on behalf of

M/s. \_\_\_\_\_

**(Name of the POI issuing agency).**

( \_\_\_\_\_ )

General Manager

Copy to:-

M/s.

\_\_\_\_\_ As per their request

( \_\_\_\_\_ )

General Manager

(Contact Civil-I)



**Format 6.3 A(II)- Format for Insurance Surety Bond for Earnest Money Deposit**

**Format of Insurance Surety Bond for Earnest Money Deposit**

(To be executed on Non-Judicial Stamp Paper of Appropriate value)

Insurance Surety Bond No.....

Date: \_\_\_\_\_

(Name of Contract)

To:

(NHPC Limited,  
Sector 33, Faridabad,  
Haryana 121003)

WHEREAS (name of Bidder) (hereinafter called “the Bidder”) has submitted its Bid dated (date of bid) for the performance of the above named Contract (hereinafter called “the Bid”).

KNOW ALL PERSONS by these present that We ..... (name of Insurance Company) of ..... (address of Insurance Company) (hereinafter called “the Surety”), are bound unto NHPC Limited (a Govt. of India Enterprise) (hereinafter called “the NHPC”) for the sum of ..... (amount),

for which payment well and truly to be made to NHPC, the Surety binds itself, its successors and assigns by these presents.

THE CONDITIONS of this obligation are as follows:

1. If the Bidder

(a) withdraws or modifies its Bid during the period of bid validity, or

(b) adopts corrupt or collusive or coercive or fraudulent practices or defaults under Integrity Pact.

2. If the Bidder, having been notified of the acceptance of its Bid by the NHPC Ltd. during the period of bid validity.

3. fails or refuses to sign the Contract Agreement when required, or

4. fails or refuses to submit the performance security in accordance with the Tender Documents.

We undertake to pay to the NHPC Ltd. up to the above amount upon receipt of its first written demand, without the NHPC Ltd. having to substantiate its demand, provided that in its demand the NHPC Ltd. will mention that the amount claimed by it is due, owing to the occurrence of one or both of the two above-named CONDITIONS, and specifying the occurred condition or conditions.

The Surety declares that this Insurance Surety Bond is issued by the ..... (name of Insurance Company), utilizing the credit limit of M/s .....(name of BESSD) as per the applicable rules and regulations of Insurance Regulatory Development Authority of India (IRDAI).

This Insurance Surety Bond will remain in force up to and including (date 12 months from the last date of Bid Submission ), and any demand in respect thereof must reach the Surety not later than the above date.



For and on behalf of the Insurance Company ..... in the capacity of  
.....

Common Seal of the Insurance Company with complete address including Tel. Nos. / e-Mail Id.

Staff Authority No. of the officer of the Insurance Company /Signatory

**INSTRUCTIONS FOR EXECUTION OF INSURANCE SURETY BOND FOR EARNEST MONEY DEPOSIT**

1. Insurance Surety Bond for Earnest Money Deposit should be executed on non-judicial Stamp papers of requisite value in accordance with the stamp Act if applicable to that particular state of Indian Union country of executing Insurance Company, where executed. In case the same is issued by an International Insurance Company (it should be registered under Insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority of India (IRDAI)) the law prevalent in the country of execution shall prevail for the purpose of Stamp Duty on the Insurance Surety Bond. However, in such a case, the Insurance Surety Bond for Earnest Money Deposit shall be got confirmed by the Bidder through any Indian Scheduled/Nationalized Insurance Company.
2. The executing officers of the Insurance Surety Bond for Earnest Money/Bid Security shall clearly indicate in (block letters) his name, designation, Power of Attorney No. / Signing Power No. as well as telephone/ fax numbers with full correspondence address of the issuing Guarantee etc.
3. Each page of the Insurance Surety Bond for Earnest Money Deposit shall be duly signed/initialed by the executing officers and the last page shall be signed in full, indicating the particulars as aforesaid (sub-para 2) under the seal of the Insurance Company.
4. Stamp paper shall be purchased in the name of Insurance Company issuing the Insurance Surety Bond, after the date 'Notice Inviting Tender', not more than six (6) months prior to execution/issuance of the Insurance Surety Bond. The name of the purchaser should appear at the back side of stamp paper in the Vendors Stamp. The issuing Insurance Company shall be requested independently for verification/confirmation of the Insurance Surety Bond issued, non-confirmation of which may lead to rejection of 'Insurance Surety Bond'.
6. Irrevocable, valid and fully enforceable Insurance Surety Bond in favor of the NHPC (NHPC Ltd.) issued by any Insurance Company registered under Insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority of India (IRDAI) in Indian currency (INR) only is acceptable to the NHPC Ltd.
7. Insurance Surety Bond for Bid security in original shall be submitted along with the Bid. However, the issuing Insurance Company shall submit an unstamped duplicate copy of Insurance Surety Bond directly by registered post (A.D.) to the NHPC Ltd. (authority inviting tenders) with a forwarding letter.



**Format 6.3 B – Format of BG for Performance Bank Guarantee**

(To be submitted separately for each Project)

**Bank Guarantee Format for Performance Security**

(To be executed on Non-Judicial Stamp Paper of Appropriate value)

Bank Guarantee No.....

Date .....

To,

NHPC Limited,  
Sector 33, Faridabad,  
Haryana 121003/

Dear Sirs,

In consideration of the ... [NHPC Limited, Sector 33, Faridabad, Haryana 121003], hereinafter referred to as the 'NHPC Limited' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and assigns) having awarded to M/s [BESSD's Name] with its Registered/Head Office at..... (hereinafter referred to as the 'BESSD', which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), a Contract by issue of NHPC Limited's Letter of Acceptance No ..... dated.....and the same having been acknowledged by the BESSD, for ----- [Contract sum in figures and words] for ..... [ Name of the work] and the BESSD having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to .....(\*) ..... of the said value of the aforesaid work under the Contract to the NHPC Limited.

We .....[Name & Address of the Bank] ..... having its Head Office at.....

..... (hereinafter referred to as the 'Bank', which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the NHPC Limited, on demand any and all monies payable by the BESSD to the extent of.....(\*)

..... as aforesaid at any time upto

.....(+) ..... [days/month/year] without any demur, reservation, contest, recourse or protest and/or without any reference to the BESSD. Any such demand made by the NHPC Limited on the Bank shall be conclusive and binding notwithstanding any difference between the NHPC Limited and the BESSD or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the NHPC Limited and further agrees that the guarantees herein contained shall continue to be enforceable till the NHPC Limited



discharges this guarantee or till .....(+). ..... [days/month/year] whichever is earlier.

The NHPC Limited shall have the fullest liberty, without affecting in any way the liability of the Bank under this guarantee, from time to time to extend the time for performance of the Contract by the BESSD. The NHPC Limited shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the BESSD, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the NHPC Limited and the BESSD or any other course or remedy or security available to the NHPC Limited. The Bank shall not be released of its obligations under these presents by any exercise by the NHPC Limited of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the NHPC Limited or any other indulgence shown by the NHPC Limited or by any other matter or thing whatsoever which under the law would, but for this provision have the effect of relieving the Bank.

The Bank declare that this Bank Guarantee is issued by the bank, utilizing the credit limit of M/s ----- (Name of BESSD) also agrees that the NHPC Limited at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the BESSD and notwithstanding any security or other guarantee the NHPC Limited may have in relation to the BESSD's liabilities.

i) Our liability under this Bank Guarantee shall not exceed

\_\_\_\_\_ (\*) \_\_\_\_\_.

) This Bank Guarantee shall be valid upto (+) \_\_\_\_\_.

i) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if NHPC Limited serves upon Bank a written claim or demand on or before

Dated this .....day of ..... 20 ..... at.....

WITNESS

(Signature)

(Signature)

(Name)

(Name).

(Official Address)

(Designation with Bank Stamp)/with staff Authority no.

Complete Address of the Bank with Tele-Fax

**Notes :**

1. (\*) This sum shall be as per Clause 3.24 of Section-3A of RfS.

(+) This date will be 9(Nine) months beyond the Scheduled Commissioning Date of the Project.

2. Bank Guarantee should be executed on appropriate stamp paper of requisite value; such stamp paper should be purchased in the name of Issuing Bank, not more than six (6) months prior to execution / issuance of Bank Guarantee. The name of the purchaser should appear at the back side of stamp paper in the Vendors Stamp. Bank guarantee should contain rubber stamp of the authorized signatory of the bank indicating the name, designation and signature/ power of attorney number as well as telephone/ fax numbers with full correspondence address of the Bank.
3. Bank Guarantee is required to be submitted directly to the NHPC Limited by the issuing bank (on behalf of BESSD). The BESSD can submit an advance copy of Bank Guarantee to the Engineer in Charge.





**Format 6.3 B(I) - Format for POI for Performance Bank Guarantee**

**FORMAT OF PAYMENT ON ORDER INSTRUMENT TO BE ISSUED BY  
IREDA/REC/PFC (IN LIEU OF PBG)**

No.

Date

NHPC

Reg: M/s \_\_\_\_\_ (insert name of the BESPAsigning entity) (Project No. \_\_\_\_\_ (insert project ID issued by NHPC) – Issuance of Payment on Order Instrument for an amount of Rs.

Dear Sir,

1. It is to be noted that M/s. \_\_\_\_\_ (insert name of the POI issuing Agency) ('IREDA/REC/PFC') has sanctioned a non-fund based limit loan of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) to M/s \_\_\_\_\_ under the Loan Agreement executed on \_\_\_\_\_ to execute Renewable Energy Projects.
2. At the request of M/s \_\_\_\_\_, on behalf of \_\_\_\_\_ (Insert Name of the SPV), this Payment on Order Instrument (POI) for an amount of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ (in words)). This Payment on Order Instrument comes into force immediately.
3. In consideration of the ----- [Insert name of the Bidder] (hereinafter referred to as Selected Battery Energy Storage System Developer) submitting the response to RfS inter alia for selection of Contracted Capacity of ..... MW, at ..... [Insert name of the place] under RfS for \_\_\_\_\_ (insert name of the RfS), for supply of power there from on long term basis, in response to the RfS dated ..... issued by NHPC Limited (hereinafter referred to as NHPC) and NHPC considering such response to the RfS of ...[insert the name of the selected Battery Energy Storage System Developer ] (which expression shall unless repugnant to the context or meaning thereof include its executors, administrators, successors and assignees) and selecting the Project of the Battery Energy Storage System Developer(BESSD) and issuing Letter of Award No ..... to (Insert Name of selected Battery Energy Storage System Developer) as per terms of RfS and the same having been accepted by the selected BESSD resulting in a Battery Energy Storage Purchase Agreement (BESPA) to be entered into, for purchase of Power [from selected Battery Energy Storage System Developer or a Project Company, M/s {a Special Purpose Vehicle (SPV) formed for this purpose}, if applicable ]. As per the terms of the RfS, the ..... [insert name & address of IREDA/PFC/REC] hereby agrees unequivocally, irrevocably and

unconditionally to pay to NHPC at [Insert Name of the Place from the address of the NHPC] forthwith on demand in writing from NHPC or any Officer authorized by it in this behalf, any amount up to and not exceeding Rupees- .....[Total Value] only, on behalf of M/s \_\_\_\_ [Insert name of the selected Battery Energy Storage System Developer / Project Company].

4. In consideration of the above facts, IREDA/REC/PFC, having its registered office at \_\_\_\_\_, agrees to make payment for the sum of Rs. \_\_\_\_\_ lakhs (in words.....) to NHPC on the following conditions:-
- (a) IREDA/REC/PFC agrees to make payment of the above said amount unconditionally, without demur and without protest within a period of \_\_\_\_\_ days of receipt of request from NHPC within the validity period of this letter as specified herein;
  - (b) The commitment of IREDA/REC/PFC, under this Payment of Order Instrument will have the same effect as that of the commitment under the Bank Guarantee issued by any Public Sector Bank and shall be enforceable in the same manner as in the case of a Bank Guarantee issued by a Bank and the same shall be irrevocable and shall be honored irrespective of any agreement or its breach between IREDA/REC/PFC or its constituents notwithstanding any dispute that may be raised by the against NHPC;
  - (c) The liability of IREDA/REC/PFC continues to be valid and binding on IREDA/REC/PFC and shall not be terminated, impaired and discharged, by virtue of change in its constitution and specific liability under letter of undertaking shall be binding on its successors or assignors;
  - (d) The liability of IREDA/REC/PFC shall continue to be valid and binding on IREDA/REC/PFC and shall not be terminated/ impaired/ discharged by any extension of time or variation and alternation made given or agreed with or without knowledge or consent of the parties (NHPC and Bidding Party), subject to the however to the maximum extent of amount stated herein and IREDA/REC/PFC is not liable to any interest or costs etc.;
  - (e) This Payment of Order Instrument can be invoked either partially or fully, till the date of validity;
  - (f) IREDA/REC/PFC agrees that it shall not require any proof in addition to the written demand by NHPC made in any format within the validity period. IREDA/REC/PFC shall not require NHPC to justify the invocation of the POI against the SPV/BESSD, to make any claim against or any demand against the SPV/BESSD or to give any notice to the SPV/BESSD;
  - (g) The POI shall be the primary obligation of IREDA/REC/PFC and NHPC shall not be obliged before enforcing the POI to take any action in any court or arbitral proceedings against the SPV/BESSD;
  - (h) Neither NHPC is required to justify the invocation of this POI nor shall IREDA/REC/PFC have any recourse against NHPC in respect of the payment made under letter of undertaking;
5. Notwithstanding anything contrary contained anywhere in this POI or in any other



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documents, this POI is and shall remain valid upto \_\_\_\_\_ and IREDA/REC/PFC shall make payment thereunder only if a written demand or request is raised within the said date and to the maximum extent of Rs.....and IREDA/REC/PFC shall in no case, be liable for any interest, costs, charges and expenses and IREDA's/REC's/PFC's liability in no case will exceed more than the above amount stipulated.

Thanking you,

Yours faithfully

For and on behalf of

M/s. \_\_\_\_\_  
(name of the POI issuing agency).

( )

General Manager

Copy to:-

M/s.

\_\_\_\_\_ As per their request

( )

General Manager (Contract Civil-I)



**Format 6.3 B(II) - Format for Insurance Surety Bond for Performance Bank Guarantee**

**FORMAT OF INSURANCE SURETY BOND FOR PERFORMANCE SECURITY**

(To be executed on Non-Judicial Stamp Paper of Appropriate value)

Insurance Surety Bond No.....

Date.....

To,

[NHPC Limited,

Sector 33, Faridabad,

Haryana 121003]

Dear Sirs,

In consideration of the ... [NHPC Limited, Sector 33, Faridabad, Haryana 121003]..... (hereinafter referred to as the 'NHPC Ltd.' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and assigns) having awarded to M/s .....[Contractor's Name]..... with its Registered/Head Office at ..... (hereinafter referred to as the 'Contractor', which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), a Contract by issue of NHPC Ltd.'s Letter of Acceptance No..... dated..... and the same having been acknowledged by the contractor, for -----[Contract sum in figures and words] for .....[Name of the work] and the Contractor having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to .....(\*).....of the said value of the aforesaid work under the Contract to the NHPC Ltd.

We .....[Name & Address of the Insurance Company].....having its Head Office at.....(hereinafter referred to as the 'Surety, which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the NHPC Ltd., on demand any and all monies payable by the Contractor to the extent of .....(\*)..... as aforesaid at any time upto .....(@)..... [days/month/year] without any demur, reservation, contest, recourse or protest and/or without any reference to the Contractor. Any such demand made by the NHPC Ltd. on the Insurance Company shall be conclusive and binding notwithstanding any difference between the NHPC Ltd. and the Contractor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Surety undertakes not to revoke this guarantee during its currency without previous consent of the NHPC Ltd. and further agrees that the guarantees herein contained shall continue to be enforceable till the NHPC Ltd. discharges this guarantee or till .....(@)..... [days/month/year] whichever is earlier.

The NHPC Ltd. shall have the fullest liberty, without affecting in any way the liability of the Insurance Company under this guarantee, from time to time to extend the time for performance of



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the Contract by the Contractor. The NHPC Ltd. shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Contractor, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract between the NHPC Ltd. and the Contractor or any other course or remedy or security available to the NHPC Ltd. The Insurance Company shall not be released of its obligations under these presents by any exercise by the NHPC Ltd. of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the NHPC Ltd. or any other indulgence shown by the NHPC Ltd. or by any other matter or thing whatsoever which under the law would, but for this provision have the effect of relieving the Insurance Company.

The Surety declares that this Insurance Surety Bond is issued by the .....(Name of Insurance Company), utilizing the credit limit of M/s .....(name of contractor) as per the applicable rules and regulations of Insurance Regulatory Development Authority of India (IRDAI) and also agrees that the NHPC Ltd. at its option shall be entitled to enforce this Guarantee against the Insurance Company as a principal debtor, in the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the NHPC Ltd. may have in relation to the Contractor's liabilities.

i) Our liability under this Insurance Surety Bond shall not exceed \_\_\_\_\_(\*)\_\_\_\_\_.

ii) This Insurance Surety Bond shall be valid upto \_\_\_\_\_(@)\_\_\_\_\_.

iii) We are liable to pay the guaranteed amount or any part thereof under this Insurance Surety Bond only and only if NHPC Ltd. serves upon Surety a written claim or demand on or before (@)\_\_\_\_\_

Dated this .....day of .....20\_.....at.....

WITNESS

..... (Signature).....

(Signature)

.....

(Name) (Name).....

.....

(Official Address) (Designation with Stamp of Insurance Company)/with staff Authority no.

Complete Address of the Insurance Company with Telephone No. and e-Mail Id.

Notes: 1. (\*) This sum shall be as per Clause 3.24 of RfS denominated in the Indian currency.

((@) This date will be 9(Nine) months beyond the Scheduled Commissioning Date of the project.

2. Insurance Surety Bond should be executed on appropriate stamp paper of requisite value, such stamp paper should be purchased in the name of Issuing Insurance Company, not more than six (6) months prior to execution / issuance of Insurance Surety Bond. The name of the purchaser should appear at the back side of stamp paper in the Vendors Stamp. Insurance Surety Bond should contain rubber stamp of the authorized signatory of the Insurance Company indicating the name, designation and signature/ power of attorney number as well as telephone numbers / e-Mail Id with full correspondence address of the Insurance Company.

In case the same is issued by an International Insurance Company (it should be registered under Insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority of India (IRDAI)), the law prevalent in the country of execution shall prevail for the purpose of Stamp Duty on the Insurance Surety Bond. However, in such a case, the Insurance Surety Bond shall be got confirmed through any Indian Scheduled/Nationalized Insurance Company.

3. Insurance Surety Bond is required to be submitted directly to the NHPC Ltd. by the issuing Insurance Company (on behalf of Contractor) under registered post (A.D.). The Contractor can submit an advance copy of Insurance Surety Bond to the Engineer in Charge.
4. The issuing Insurance Company shall write the name of Insurance Company's controlling branch/ Head Office along with contact details like telephone no., e-Mail Id and full correspondence address in order to get the confirmation of BG from that branch/ Head office, if so required.

#### **Format 6.4 –Format for Board Resolutions**

The Board, after discussion, at the duly convened Meeting on ..... *[Insert date]*, with the consent of all the Directors present and in compliance of the provisions of the Companies Act, 1956/ Companies Act, 2013 (*delete the other which is not applicable*), passed the following Resolution:

1. **RESOLVED THAT** Mr./Ms. ...., be and is hereby authorized to do on our behalf, all such acts, deeds and things necessary in connection with or incidental to our response to RfS for .....(insert title of the RfS), including signing and submission of all documents and providing information / response to RfS to NHPC, representing us in all matters before NHPC, and generally dealing with NHPC in all matters in connection with our bid including participation in Reverse Auction for the said Project. **(To be provided by the Bidding Company or the Lead Member of the Consortium).**
2. **FURTHER RESOLVED THAT** pursuant to the provisions of the Companies Act, 1956/ Companies Act, 2013 (*delete the other which is not applicable*) and compliance thereof and as permitted under the Memorandum and Articles of Association of the company, approval of the Board be and is hereby accorded to invest total equity in the Project. **(To be provided by the Bidding Company)**

**[Note: In the event the Bidder is a Bidding Consortium, in place of the above resolution at Sl. No. 2, the following resolutions are to be provided by the each Member of the Bidding Consortium including Lead Member such that total equity commitment is 100%]**

**FURTHER RESOLVED THAT** pursuant to the provisions of the Companies Act, 1956 / Companies Act, 2013 (*delete the other which is not applicable*) and compliance thereof and as permitted under the Memorandum and Articles of Association of the company, approval of the Board be and is hereby accorded to invest (-----%) equity *[Insert the % equity commitment as specified in Consortium Agreement]* in the Project. **(To be provided by the each Member of the Bidding Consortium including Lead Member such that total equity commitment is 100%)**

**FURTHER RESOLVED THAT** approval of the Board be and is hereby accorded to participate in consortium with ----- *[Insert the name of other Members in the Consortium]* and Mr/Ms....., be and is hereby authorized to execute the Consortium Agreement. **(To be provided by the each Member of the Bidding Consortium including Lead Member)**

And

**FURTHER RESOLVED THAT** approval of the Board be and is hereby accorded to contribute such additional amount over and above the percentage limit (specified for the Lead Member and other member in the Consortium Agreement) to the extent becoming necessary towards the total equity share in the Project Company, obligatory on the part of the Consortium pursuant to the terms and conditions contained in the Consortium Agreement dated ..... executed by the Consortium as per the provisions of the RfS. **[To be passed by the Lead Member of the Bidding Consortium]**



3. **FURTHER RESOLVED THAT** approval of the Board be and is hereby accorded to M/s. .... *[Insert name of Bidding Company/ Consortium Member(s)]* to use our financial capability for meeting the Qualification Requirements for .....(insert title of the RfS), under OPEN category *and confirm that all the equity investment obligations of M/s.....[Insert Name of Bidding Company/ Consortium Member(s)]* for development of selected project(s), shall be deemed to be our equity investment obligations and in the event of any default the same shall be met by us. The Board also confirms and undertake that in case M/s.....*[Insert name of Bidding Company/ Consortium Member(s)]* fails to submit the requisite Performance Bank Guarantee in terms of Request for Selection Document, the same shall be submitted by us on its behalf. **[To be passed by the entity(s) whose financial credentials have been used i.e. Parent and / or its affiliate.]**

**Certified true copy**

-----

**(Signature, Name and stamp of Company Secretary / Director)**

**Notes:**

- 1) This certified true copy should be submitted on the letterhead of the Company, signed by the Company Secretary / Director.
- 2) The contents of the format may be suitably re-worded indicating the identity of the entity passing the resolution.
- 3) This format may be modified only to the limited extent required to comply with the local regulations and laws applicable to a foreign entity submitting this resolution. For example, reference to Companies Act 1956 / Companies Act, 2013 (*delete the other which is not applicable*) may be suitably modified to refer to the laws applicable to the entity submitting the resolution. However, in such case, the foreign entity shall submit an unqualified opinion issued by the legal counsel of such foreign entity, stating that the Board resolutions are in compliance with the applicable laws of the respective jurisdictions of the issuing company and the authorizations granted therein are true and valid.
- 4) In case a Sub-Committee/Management Committee has been authorized by the Board of a Company for making the Resolution(s) mentioned here in above, these Resolution(s) can be passed by that Sub Committee and the same may be submitted along with Board Resolution in which the Sub Committee has been authorized By Board to pass such Resolution(s).
- 5) In case of a Consortium the respective Boards of all Consortium Members should pass the aforesaid Resolution before execution of Consortium Agreement.



**Format 6.5 – Format for Consortium Agreement**

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution)

This Consortium Agreement (“Agreement”) executed on this \_\_\_\_\_ day of \_\_\_\_\_ Two thousand \_\_\_\_\_ between M/s [*insert name of Lead Member*] a Company incorporated under the laws of

\_\_\_\_\_ and having its Registered Office at \_\_\_\_\_ (hereinafter called the “**Member-1**”, which expression shall include its successors, executors and permitted assigns) and M/s \_\_\_\_\_ a Company incorporated under the laws of \_\_\_\_\_ and having its Registered Office at \_\_\_\_\_ (hereinafter called the “**Member-2**”, which expression shall include its successors, executors and permitted assigns), M/s \_\_\_\_\_ a Company incorporated under the laws of

\_\_\_\_\_ and having its Registered Office at \_\_\_\_\_ (hereinafter called the “**Member-n**”, which expression shall include its successors, executors and permitted assigns), [*The Bidding Consortium should list the details of all the Consortium Members*] for the purpose of submitting ~~response to RfS, and execution of Battery Energy Storage Purchase Agreement~~ (in case of award), against RfS No. \_\_\_\_\_ dated \_\_\_\_\_ issued by NHPC Limited (hereinafter referred to as “NHPC”) a Company incorporated under the [Companies Act, 1956/ Companies Act, 2013 (*delete the other which is not applicable*)], and having its Registered Office at \_\_\_\_\_.

WHEREAS, each Member individually shall be referred to as the “**Member**” and all of the Members shall be collectively referred to as the “**Members**” in this Agreement.

WHEREAS, the NHPC had invited response to RfS vide its Request for Selection (RfS) No. \_\_\_\_\_ dated \_\_\_\_\_

WHEREAS the NHPC shall purchase power through Battery Energy Storage Purchase Agreement;

WHEREAS the RfS stipulates that in case response to RfS is being submitted by a Bidding Consortium, the Members of the Consortium will have to submit a legally enforceable Consortium Agreement in a format specified by NHPC wherein the Consortium Members have to commit equity investment of a specific percentage for the Project.

NOW THEREFORE, THIS AGREEMENT WITNESSTH AS UNDER:

In consideration of the above premises and agreements all the Members in this Bidding Consortium do hereby mutually agree as follows:

1. We, the Members of the Consortium and Members to the Agreement do hereby unequivocally agree that Member-1 (M/s \_\_\_\_\_), shall act as the Lead Member as defined in the RfS for self and agent for and on behalf of Member-2, ----, Member-n.
2. The Lead Member is hereby authorized by the Members of the Consortium and Members to the Agreement to bind the Consortium and receive instructions for and on their behalf.
3. Notwithstanding anything contrary contained in this Agreement, the Lead Member shall always be liable for the equity (as well as total financing if committed to be met from internal financing) investment obligations of all the Consortium Members i.e. for both its own liability as well as the liability of other Members.
4. The Lead Member shall be liable and responsible for ensuring the individual and collective commitment of each of the Members of the Consortium in discharging all of their respective equity as well as other financing if committed to be met internally obligations. Each Member further undertakes to be individually liable for the performance of its part of the obligations without in any way limiting the scope of collective liability envisaged in this Agreement.
5. Subject to the terms of this Agreement, the share of each Member of the Consortium in the issued equity share capital of the Project Company is/shall be in the following proportion:

Name	Percentage
Member 1	---
Member 2	---
Member n	---
Total	100%

We acknowledge that after execution of BESPA, the controlling shareholding ( having not less than 51% of the voting rights and paid up share capital) in the Project Company developing the Project shall be maintained for a period of at-least **1 (One)** year after COD of the project .

6. The Lead Member, on behalf of the Consortium, shall *inter alia* undertake full responsibility for liaising with Lenders or through internal accruals and mobilizing debt resources for the Project, and ensuring that the Seller achieves Financial Closure in terms of the BESPA.
7. In case of any breach of any equity investment as well as other financing requirements commitment by any of the Consortium Members, the Lead Member shall be liable for the consequences thereof.

8. Except as specified in the Agreement, it is agreed that sharing of responsibilities as aforesaid and equity investment obligations thereto shall not in any way be a limitation of responsibility of the Lead Member under these presents.
9. It is further specifically agreed that the financial liability for equity contribution of the Lead Member shall not be limited in any way so as to restrict or limit its liabilities. The Lead Member shall be liable irrespective of its scope of work or financial commitments.
10. This Agreement shall be construed and interpreted in accordance with the Laws of India and courts at [ ] alone shall have the exclusive jurisdiction in all matters relating thereto and arising there under.
11. It is hereby further agreed that in case of being selected as the Successful Bidder, the Members do hereby agree that they shall furnish the Performance Guarantee in favour of NHPC in terms of the RfS.
12. It is further expressly agreed that the Agreement shall be irrevocable and shall form an integral part of the Battery Energy Storage Purchase Agreement (BESPA) and shall remain valid until the expiration or early termination of the BESPA in terms thereof, unless expressly agreed to the contrary by NHPC.
13. The Lead Member is authorized and shall be fully responsible for the accuracy and veracity of the representations and information submitted by the Members respectively from time to time in the response to RfS.
14. It is hereby expressly understood between the Members that no Member at any given point of time, may assign or delegate its rights, duties or obligations under the BESPA except with prior written consent of NHPC.
15. This Agreement
  - (a) has been duly executed and delivered on behalf of each Member hereto and constitutes the legal, valid, binding and enforceable obligation of each such Member;
  - (b) sets forth the entire understanding of the Members hereto with respect to the subject matter hereof; and
  - (c) may not be amended or modified except in writing signed by each of the Members and with prior written consent of NHPC.
16. All the terms used in capitals in this Agreement but not defined herein shall have the meaning as per the RfS & BESPA.

IN WITNESS WHEREOF, the Members have, through their authorized representatives, executed these present on the Day, Month and Year first mentioned above.

For M/s-----[Member 1]

(signature, Name & Designation of the person authorized vide Board Resolution Dated [•])



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in the state of Andhra Pradesh under TBCB**

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Witnesses:

1) Signature ----- 2) Signature -----

Name:

Name:

Address:

Address:

For M/s-----[Member 2]

(signature, Name & Designation of the person authorized vide Board Resolution Dated [•])

Witnesses:

1) Signature ----- 2) Signature -----

Name:

Name:

Address:

Address:

For M/s-----[Member n]

(signature, Name & Designation of the person authorized vide Board Resolution Dated [•])

Witnesses:

1) Signature ----- (2) Signature

Name:

Name:

Address:

Address: -----

Signature and stamp of Notary of the place of execution



*[on the letter head of Bidder]*

**Format 6.6 – FORMAT FOR FINANCIAL REQUIREMENT**

To,  
NHPC Limited  
NHPC Office Complex  
Sector-33, Faridabad  
Haryana-121003

Date: -

Dear Sir,

**Sub: Response to RfS for Selection of 500MW / 1000MWh InSTS connected standalone BESS Projects\_\_MW under OPEN category.**

**(A) For meeting Qualification Requirement as per clause 3.8.3(i) Section-3A - NET WORTH**

We certify that the Bidding Company / Member in a Bidding Consortium \_\_\_\_\_  
[Name of Bidding Company or Bidding Consortium] has a minimum **Net Worth** of Rs. \_\_\_\_  
Crore (Rupees \_\_\_\_\_) or equivalent US\$\* .....based on

Sl. No	Description	Select any one (whichever is applicable)
1.	Audited Annual Accounts of Previous FY Or	Applicable / Not Applicable
2.	Networth as on day .....(dd/mm/yyyy) (not more than seven (07) days prior to the due date	Applicable / Not Applicable

\* This Net Worth has been calculated in accordance with the instructions provided in Clause 3.8.3 of the RfS.

**Exhibit (i): Applicable in case of Bidding Company**

@ For the above calculations, we have considered the Net Worth by Bidding Company and/ or its Parent / Affiliates as per following details:

Name of Bidding Company	Name of Company / Parent/ Affiliate whose Net Worth is to be considered	Relationship with Bidding Company*	Indicate Financial Year Or the day not more than seven (07) days prior to the	Net Worth (in Rs. Crore) of the Member Company
(1)	(2)	(3)	(4)	(5)
Company 1				
---				
---				
		<b>Total</b>		

Exchange Rates considered



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in state of Andhra Pradesh under TBCB**

USD to INR : 1USD= INR.....

Other Currency.....(Bidder to specify the other currency) 1.....=INR Certificate from the Banker in respect of the Exchange rate is enclosed at Appendix----

@ In cases where the Bidding Company is giving its own net worth only, the bidder has to fill its own company name in column (2), "Self" in column (3) and Net worth in column ( 5).

\*The column for "Relationship with Bidding Company" is to be filled only in case the financial capability of Parent/Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by the company secretary/ statutory auditor is required to be attached with the format.

**Exhibit (ii): Applicable in case of Bidding Consortium**

**(To be filled by each Member in a Bidding Consortium separately)**

**Name of Member: [Insert name of the Member]**

Net Worth Requirement to be met by Member in Proportion to the Equity Commitment:

Rs. ----- Crore (Equity Commitment ( %) x Rs. [ ] Crore) @ For the above calculations, we have considered Net Worth by Member in Bidding Consortium and/ or Parent/ Affiliate as per following details:

Name of Consortium Member Company	Name of Company / Parent/ Affiliate/ Consortium Member whose Net Worth is to be	Relationship with Bidding Company* (if any)	Indicate Financial Year Or the day not more than seven (07) days prior to the due date of bid submission	Net Worth (in Rs. Crore) of the Consortium Member Company	Equity Commitment (in %age) in Bidding Consortium	Committed Net Worth (in Rs. Crore)
(1)	(2)	(3)	(4)	( 5)	( 6)	( 7)
<b>Company 1</b>						
---						
<b>Total</b>						

Exchange Rates considered

USD to INR: / USD = INR.....

Other Currency.....(Bidder to specify the other currency) 1.....=INR Certificate from the Banker in respect of the Exchange rate is enclosed at Appendix----

@ In cases where the Consortium member is giving its own net worth only, the Consortium member has to fill its company name in column (2), “Self” in column (3) and Net worth in column (5).

\* The column for “Relationship with Bidding Company” is to be filled only in case the financial capability of Parent/Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by the company secretary/ statutory auditor is required to be attached with the format.

\* For the Qualification Requirements, if data is provided by the Bidder Company in foreign currency, equivalent rupees of Net Worth will be calculated as per Note 5 of Clause 3.8.3.

**(Signature & Name of the person Authorized**

**(Signature and Stamp of**

**By the Board)**

**Statutory Auditor)**

**(B) For meeting Qualification Requirement as per clause 3.8.3 (ii)(a) Annual Turnover:**

We certify that the \*Bidding Company / \*Member in the Bidding Consortium \_\_\_\_\_ [Name of Bidding Company or Bidding Consortium] has an **Annual Turnover** of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) during previous Financial Year. (\*Strike out if not applicable).

**Exhibit (i): Applicable in case of Bidding Company**

@ For the above calculations, we have considered the Annual Turnover by the Bidding Company and/ or its Parent / Affiliates as per following details:

<b>Name of Bidding Company</b>	<b>Name of Company / Parent/ Affiliate whose Turnover is to be considered</b>	<b>Relationship with Bidding Company*</b>	<b>Annual Turnover (in Rs. Crore) of the Member Company during Previous FY</b>
(1)	(2)	(3)	(4)
Company 1			
...			
		<b>Total</b>	

@ In cases where the Bidding Company is giving its own Turnover, the bidder has to fill its own company name in column (2), “Self” in column (3) and Annual Turnover in column (4).

\* The column for “Relationship with Bidding Company” is to be filled only in case the financial capability of Parent/Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly

*certified by the company secretary/ statutory auditor is required to be attached with the format.*

**Exhibit (ii): Applicable in case of Bidding Consortium**

**(To be filled by each Member in a Bidding Consortium separately)**

**Name of Member: [Insert name of the Member]**

Annual Turnover to be met by Member in Proportion to the Equity Commitment: Rs. ----  
-----Crore (Equity Commitment ( %) x Rs. [ ] Crore)

@ For the above calculations, we have considered Annual Turnover by Member in Bidding Consortium and/ or Parent/ Affiliate as per following details:

<b>Name of Consortium Member Company</b>	<b>Name of Company / Parent/ Affiliate/ Consortium Member whose Turnover is to</b>	<b>Relationship with Bidding Company* (if any)</b>	<b>Annual Turnover (in Rs. Crore) of the Consortium Member Company during Previous FY</b>	<b>Equity Commitment (in %age) in Bidding Consortium</b>	<b>Committed Annual turnover (in Rs. Crore)</b>
(1)	(2)	(3)	(4)	(5)	(6)
<b>Company 1</b>					
---					
---					
		<b>Total</b>			

@ In cases where the Consortium member is giving its own Turnover only, the Consortium member has to fill its company name in column (2), "Self" in column (3) and Annual Turnover in column (4).

\* The column for "Relationship with Bidding Company" is to be filled only in case the financial capability of Parent/Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by the company secretary/ statutory auditor is required to be attached with the format.

**(C) For meeting Qualification Requirement as per clause 3.8.3 (ii)(b) PBDIT:**

We certify that the \*Bidding Company/\*Member in the Bidding Consortium \_\_\_\_\_ [Name of Bidding Company or Bidding Consortium] has a **Profit Before Depreciation Interest and Taxes (PBDIT)** of Rs. \_\_\_\_\_ (Rupees



\_\_\_\_\_ in words) as on the last date of previous Financial Year. *\*(Strike out if not applicable)*

**Exhibit (i): Applicable in case of Bidding Company** @ For the above calculations, we have considered the PBDIT by the Bidding Company and/ or its Parent / Affiliates as per following details:

Name of Bidding Company	Name of Company / Parent/ Affiliate whose PBDIT is to be considered	Relationship with Bidding Company*	PBDIT (in Rs. Crore) of the Member
(1)	(2)	(3)	(4)
Company 1			
---			
<b>Total</b>			

@ In cases where the Bidding Company is giving its own PBDIT, the bidder has to fill its own company name in column (2), “Self” in column (3) and PBDIT in column (4).

\* The column for “Relationship with Bidding Company” is to be filled only in case the financial capability of Parent/Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by the company secretary/ statutory auditor is required to be attached with the format.

**Exhibit (ii): Applicable in case of Bidding Consortium**

**(To be filled by each Member in a Bidding Consortium separately)**

**Name of Member: [Insert name of the Member]**

PBDIT requirement to be met by Member in Proportion to the Equity Commitment: Rs. ---  
-----Crore (Equity Commitment ( %) \* Rs. [ ] Crore)

@ For the above calculations, we have considered PBDIT by Member in Bidding Consortium and/ or Parent/ Affiliate as per following details:

Name of Consortium Member Company	Name of Company / Parent/ Affiliate/ Consortium Member whose PBDIT is to be considered	Relationship with Bidding Company* (if any)	PBDIT (in Rs. Crore) of the Consortium Member Company during Previous FY	Equity Commitment (in %age) in Bidding Consortium	Committed PBDIT (in Rs. Crore)
(1)	(2)	(3)	(4)	(5)	(6)

<b>Company 1</b>					
---					
<b>Total</b>					

@ In cases where the Consortium member is giving its own PBDIT, the Consortium member has to fill its company name in column (2), “Self” in column (3) and PBDIT in column (4).

\* The column for “Relationship with Bidding Company” is to be filled only in case the financial capability of Parent/Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by the company secretary/ statutory auditor is required to be attached with the format.

**D) For meeting Qualification Requirement as per clause 3.8.3 (ii)(c)**

We certify that the \*Bidding Company/\*Member in the Bidding Consortium \_\_\_\_\_ [Name of Bidding Company or Bidding Consortium] has In-principle sanction letter from our lending institutions/banks, committing a Line of Credit for Rs. (in words) [insert amount which should be a minimum amount of **Rs. 4.26 Lakhs/MWh of the quoted capacity**], towards meeting the working capital requirement of the project quoted under this RfS. \*(Strike out if not applicable)

**Exhibit (i): Applicable in case of Bidding Company**

@ For the above calculations, we have considered the Line of Credit available to the Bidding Company and/ or its Parent / Affiliates as per following details:

<b>Name of Bidding Company</b>	<b>Name of Company / Parent/ Affiliate to whom Sanction Letter issued</b>	<b>Relationship with Bidding Company*</b>	<b>Line of Credit (in Rs. Crore) available to the Member Company</b>	
(1)	(2)	(3)	(4)	

<b>Company 1</b>				Sanction Letter from lending institutions/ banks enclosed at Annexure of... this Form 6.6.
---				
---				
		<b>Total</b>		

@ In cases where the Line of Credit is in favor of Bidding Company, the bidder has to fill its own company name in column (2), “Self” in column (3) and Line of Credit in column (4).

\* The column for “Relationship with Bidding Company” is to be filled only in case the financial capability of Parent/Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by the company secretary/ statutory auditor is required to be attached with the format.

**Exhibit (ii): Applicable in case of Bidding Consortium**

**(To be filled by each Member in a Bidding Consortium separately)**

**Name of Member: [Insert name of the Member]**

Line of Credit requirement to be met by Member in Proportion to the Equity Commitment:  
Rs. ----- Crore (Equity Commitment ( %) \* Rs. [ ] Crore)

@ For the above calculations, we have considered Line of Credit available to Member in Bidding Consortium and/ or Parent/ Affiliate as per following details:

Name of Consortium Member Company	Name of Company / Parent/ Affiliate/ Consortium Member whose Line of Credit is to be considered	Relationship with Bidding Company * (if any)	Line of Credit (in Rs. Crore) of the Consortium Member Company	Equity Commitment (in %age) in Bidding Consortium	Committed Line of Credit (in Rs. Crore)	



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in state of Andhra Pradesh under TBCB**

(1)	(2)	(3)	(4)	(5)	(6)	
<b>Company 1</b>						Sanction letter from lending institutions/ banks enclosed at Annexure .... Of this Form 6.6
.....						
<b>Total</b>						

@ In cases where the Line of Credit is in favour of Consortium member, the Consortium member has to fill its company name in column (2), "Self" in column (3) and Line of Credit in column (4).

\* The column for "Relationship with Bidding Company" is to be filled only in case the financial capability of Parent/Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by the company secretary/ statutory auditor is required to be attached with the format.

**(Signature & Name of the person Authorized  
By the Board)**

**(Signature and Stamp of  
Statutory Auditor)**

**Note: Since Bidder is required to meet any one of the requirements mentioned at Clause 3.8.3 (ii) (a), (b) or (c). Therefore, Bidder may fill either of sl. No. (B) or (C) or (D) above.**

We are submitting in a separate sheet, details of computation of Net Worth, Annual Turnover & PBDIT duly certified by Statutory Auditor. The detailed sheet is enclosed at Appendix\_\_\_\_\_.

We are enclosing the certified copies of Balance sheet, Profit & Loss Account, Schedules and Cash Flow Statements and Bank statement by bank and other documents in support thereof for confirmation of balance in cash & bank as per the stipulations of RfS as under:

S. No.	Document Description	Enclosed at Appendix



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in state of Andhra Pradesh under TBCB**

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*Signature & Name of the person Authorized  
By the board)*

*(Signature and Stamp of  
Statutory Auditor)*

Date:

- Note: 1.** Bidders are advised in their own interest to furnish the detailed computation sheet by statutory auditor for determination of Net Worth/Turnover/PBDIT along with supporting documents referred therein as per the requirements of RfS without which no claim for Net worth shall be considered.
- 2.** For the Qualification Requirements, if data is provided by the Bidder Company in foreign currency, equivalent rupees of Net Worth will be calculated as per Note 5 of Clause 3.8.3.



**Format 6.6 A–UNDERTAKING FROM THE BIDDER IN ACCORDANCE WITH  
CLAUSE NO. 3.8.4 OF RFS**

**(To be submitted by Bidder along with the Technical Bid)**

Ref. :

Date:

To

NHPC Limited,

NHPC Office Complex,

Sector-33, Faridabad

Haryana-121003

**Dear Sir,**

We hereby undertake to certify in line with clause 3.8.4 of RfS that we or any of our Affiliates are not a willful defaulter to any lender, and that there is no major litigation pending or threatened against us or our Affiliates which are of a nature that could cast a doubt on the ability or the suitability of the Bidder to undertake the Project.

***(Signature & Name of the person Authorized by the Board)***

***Name of the Bidder***



*[on the letter head of Bidder]*

**Format 6.7 – FORMAT FOR TECHNICAL CRITERIA**

To,

Date:-

**NHPC Limited**

**NHPC Office Complex,  
Sector-33, Faridabad  
Haryana-121003**

**Sub: Response to RfS for selection of 500MW / 1000MWh InSTS connected standalone BESS**

Dear Sir

We hereby undertake to certify in line with Clause 3.27 under the title “Financial Closure” that the following details shall be furnished within 6 Months prior to SCD of the Project.

- 1.0 Evidence of achieving complete-tie-up of the Project Cost through internal accruals or through a Financing Agency.
- 2.0 DPR of the Project, detailing out project configuration and proposed commissioning schedule of the Project.
- 3.0 Bank Guarantee for an amount equal to of the total VGF amount sanctioned for the Project. Failure or delay on our part in achieving the above conditions shall constitute sufficient grounds for actions as per the provisions of the RfS.

Dated the \_\_\_\_\_ day of \_\_\_\_\_, 20....

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/  
Board Resolution/ Declaration



**Format 6.8 –Format for Disclosure**

(To be submitted on the Letter Head of the Bidding Company / Each Member of Consortium)

**DISCLOSURE**

**Ref. No.**

**Date:**

From: (Insert name and address of Bidding Company/ Lead Member of Consortium)

Tel. #:

E-mail address#

To

(Enter Address of NHPC)

Sub: Response to RfS No..... dated..... for.....

Dear Sir/ Madam,

We hereby declare and confirm that only we are participating in the RfS Selection process for the RfS No. and that our Parent, Affiliate or Ultimate Parent or any Group Company with which we have direct or indirect relationship are not separately participating in this selection process.

We further declare and confirm that in terms of the definitions of the RfS, M/s (enter name of the Promoter/Promoters) is/are our Promoter(s), and has/have a direct/indirect Control in the bidding company as per the Companies Act 2013. No other entity has a direct/indirect control in the bidding company except the entity(ies) mentioned above.

We further declare that the above statement is true & correct. We undertake that if at any stage it is found to be incorrect, in addition to actions applicable under the RfS/BESPA including but not limited to cancellation of our response to this RfS and LoA/BESPA as applicable, we, i.e. M/s (enter name of the bidding company/member in a consortium), including our Parent, Ultimate Parent, and our Affiliates shall be suspended/debarred from participating in any of the upcoming tenders issued by NHPC for a period upto 2 years from the date of default as notified by NHPC.

We also understand that the above is in addition to the penal consequences that may follow from the relevant laws for the time being in force.

We further declare that we have read the provisions of Clause 5.2 of Section-5 of the RfS, and are complying with the requirements as per the referred OM dated 23.02.2023 except Sl.17 of the OM, including subsequent amendments and clarifications thereto. Accordingly, we are also enclosing necessary certificates (Annexure to this format) in





**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in the state of Andhra Pradesh under TBCB**

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support of the above compliance under the RfS. We understand that in case of us being selected under this RfS, any of the above certificates is found false, NHPC shall take appropriate action as deemed necessary.

Dated the day of , 20 .

Thanking you,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.



**Format 6.8A –Format for Disclosure**

(To be submitted on the Letter Head of the Bidding Company/ Each Member of Consortium)

(To be submitted by all such bidders in which a common Company/companies directly/indirectly own(s) more than 10% but less than 26% shareholding)

**DISCLOSURE**

Ref. No.

Date:

From: (Insert name and address of Bidding Company/ Lead Member of Consortium)

Tel. #: Fax#:

E-mail address#

To

**NHPC Limited,  
NHPC OFFICE COMPLEX,  
Sector-33, Faridabad-121003,  
Haryana, India.**

Sub: Response to RfS No. ....dated..... for.....

Dear Sir/ Madam,

We hereby declare and confirm that in terms of the definitions of the RfS, M/s (enter name of the common shareholder) is our Group Company, and has a direct/indirect shareholding of less than 26% in the bidding company. M/s (enter name of the common shareholder) also holds directly/indirectly less than 26% shareholding in other Companies which may participate in this RfS, i.e. RfS No. .

We undertake that M/s (enter name of the above common shareholder) is not a party to the decision-making process for submission of response to this RfS by M/s (enter name of the bidding company/member in the consortium). We further undertake that while undertaking any action as part of our response to RfS, we are not complicit with other such bidders participating in this RfS, in which M/s (enter name of the common shareholder) has less than 26% direct/indirect shareholding, if any.

We further declare and confirm that in terms of the definitions of the RfS, M/s (enter name of the Promoter/Promoters) is/are our Promoter(s), and has/have a direct/indirect Control in the bidding company as per the Companies Act 2013. No other entity has a direct/indirect control in the bidding company except the entity(ies) mentioned above.

We further declare that the above statement is true & correct. We undertake that if at any stage it is found to be incorrect, in addition to actions applicable under the RfS/BESPA including but not



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in the state of Andhra Pradesh under TBCB**

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limited to cancellation of our response to this RfS and LoA/BESPA as applicable, we, i.e. M/s (enter name of the bidding company/member in a consortium), including our Parent, Ultimate Parent, and our Affiliates shall be suspended/debarred from participating in any of the upcoming tenders issued by NHPC for a period of 2 years from the date of default as notified by NHPC.

We also understand that the above is in addition to the penal consequences that may follow from the relevant laws for the time being in force.

We further declare that we have read the provisions of Clause 5.2 of Section-5 of the RfS, and are complying with the requirements as per the referred OM dated 23.02.2023 except Sl. 17 of the OM, including subsequent amendments and clarifications thereto. Accordingly, we are also enclosing necessary certificates (Annexure to this format) in support of the above compliance under the RfS. We understand that in case of us being selected under this RfS, any of the above certificates is found false, NHPC shall take appropriate action as deemed necessary.

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.



**Annexure to Format 6.8/6.8A**

**DECLARATION**

**RESTRICTION ON PROCUREMENT FROM CERTAIN COUNTRIES: MoF OM No**

**7/10/2021- PPD-(1) dated 23.02.2023**

**(To be submitted on the Letter Head of the Bidding Company/ Each Member of Consortium)**

Ref. No. Date:

From: (Insert name and address of Bidding Company/Member of Consortium)

Tel#:

E-mail address#

To

NHPC Limited,  
NHPC OFFICE COMPLEX,  
Sector-33, Faridabad-121003,  
Haryana, India.

Sub: Response to RfS No ..... dated for the tender for  
.....

Dear Sir/ Madam,

This is with reference to attached order No. OM No. F.7/10/2021-PPD(1) dated 23.02.2023 issued by Department of Expenditure, MoF, Govt of India.

We are hereby submitting the following declaration in this regard:

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. Where applicable, evidence of valid registration by the Competent Authority shall be attached."

We further declare that the above statement is true & correct. We are aware that if at any stage it is found to be incorrect, our response to the tender will be rejected.

Dated the day of , 20....

Thanking you,

We remain, Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.

Encl: OM dated 23.02.2023, as referred above.



**FORMAT - 6.9**

**Declaration by the Battery Energy Storage System for the proposed technology tie-up  
(To be Submitted on the letterhead of the Bidder)**

<b>1</b>	<b>Name of Bidding Company / Lead Member of Bidding Consortium</b>		
<b>2</b>	<b>Contracted Capacity proposed (in MW/MWh)</b>		
<b>3</b>	<b>Location of BESS Project</b>		
<b>4</b>	<b>Technology proposed to be adopted for the project</b>	(Brief about the technology Proposed)	

Dated the day of , 20....

Thanking you,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/  
Board Resolution/ Declaration.



under TBCB

Request for Selection for 500MW /  
1000MWh InSTS Connected standalone  
BESS in the state of Andhra Pradesh

**Format 6.10 – Format for Letter from CTU**

*(to be filled separately for individual projects)*

***DELETED***



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in the state of Andhra Pradesh under TBCB**

**Format 6.11- Format of Financial Bid for Quoting “First Round Tariff Bid” under OPEN Category**

*(The Covering Letter should be submitted on the Letter Head of the Bidding Company/ Lead Member of Consortium)*

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

From: \_\_\_\_\_ (Insert name and address of Bidding Company/ Lead Member of Consortium)

Tel. #:

Fax #:

E-mail address#

To

(Enter Address of the BIA)

Sub: Response to RfS No. \_\_\_\_\_ dated \_\_\_\_\_ for \_\_\_\_\_.

Dear Sir/ Madam,

I/ We, \_\_\_\_\_ (Insert Name of the Bidder) enclose herewith the Financial Proposal for selection of my firm for \_\_\_\_\_ number of Project(s) for a cumulative capacity of \_\_\_\_ MW/ \_\_\_\_ MWh as per the following details:

Sl.No	Category	Project Location (Within the State of Andhra Pradesh)	Quoted Capacity MW/MWh	Indicative Tariff in Rupees per MW per Month	
				(In Figures)	(In Words)
1	OPEN	400kV Substation Jammalamadugu	225/450	Left Blank	Left Blank
2		400kV Substation Ghani	225/450	Left Blank	Left Blank
3		220 kV Substation Kuppam	50/100	Left Blank	Left Blank



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in the state of Andhra Pradesh under TBCB**

I/We agree that this offer shall remain valid for a period of 180 days from the last date of submission of response to RfS such further period as may be mutually agreed upon

Dated the ..... Day of ....., 20 .....

(Signature of Authorized Representative of the Company)

Name of Organization: -

Date: -

(Company Seal)

Note: -

1. In case of any discrepancy between the values mentioned in figures and in words, the value mentioned in words will prevail.
2. Evaluation will be carried out based on tariff quoted by Bidders.
- 3. No Financial information is to be submitted with Technical Bid. Only .xlsx file is to be uploaded with the Tender in Financial Bid.**
4. For each project location, there can be only one tariff. If the Bidder quotes two tariffs or combination thereof for the projects in a single location, then the bid shall be considered as non-responsive.
5. If the Bidder submits the financial bid not in line with the instructions mentioned therein, then the bid shall be considered as non-responsive.
6. Tariff requirement shall be quoted as a fixed amount in Indian Rupees only. Conditional proposal shall be summarily rejected.
7. Tariff should be in Indian Rupee in whole numbers only (no decimal places allowed).



**Format 6.12**

**(Format of Integrity Pact)**

*(To be executed on plain paper at the time of submission of bid/ and on Non-judicial stamp paper of appropriate value by successful Bidder (Contractor) prior to signing of Contract Agreement)*

**(Format of Integrity Pact)**

**PRE CONTRACT INTEGRITY PACT**

**Between**

NHPC Limited, a company incorporated under the Companies Act 1956 and having its registered office at NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana), hereinafter referred to as “The NHPC” which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns of the **First Part**.

**And**

M/s \_\_\_\_\_, a company/ firm/ individual (status of the company) and having its registered office at \_\_\_\_\_ represented by Shri \_\_\_\_\_, hereinafter referred to as “The Bidder/Contractor” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns of the **Second Part**.

WHEREAS the NHPC proposes to procure under laid down organizational procedures, contract/s for-----  
--- -(Name of the work/ goods/ services) and the Bidder/Contractor is willing to offer against NIT No.....

WHEREAS the Bidder/Contractor is a private company / public company/Government undertaking/partnership/consortium/joint venture constituted in accordance with the relevant law in the matter and the NHPC is a Public Sector Enterprise.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:-

Enabling the NHPC to obtain the desired said (work/ goods/ services) at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling the Bidder(s)/Contractor(s) to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the NHPC will commit to prevent corruption, in any form, by its officials by following transparent procedures.

**1.0 Commitments of the NHPC**

1.1 The NHPC undertakes that no official of the NHPC, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the Bidder/Contractor, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the

bidding process, bid evaluation, contracting or implementation process related to the contract.

- 1.2. The NHPC will, during the pre-contract stage, treat all the Bidders/Contractors alike, and will provide to all the Bidders/Contractors the same information and will not provide any such information to any particular Bidder/Contractor which could afford an advantage to that particular Bidder/Contractor in comparison to other Bidders/Contractors.
- 1.3. All the officials of the NHPC will report to the appropriate Authority any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
- 2.0 In case any such preceding misconduct on the part of such official(s) is reported by the Bidder to the NHPC with full and verifiable facts and the same is prima facie found to be correct by the NHPC, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the NHPC or Independent External Monitor and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the NHPC the proceedings under the contract would not be stalled.

**3.0 Commitments of the Bidder(s)/Contractor(s)**

The Bidder(s)/Contractor(s) commits themselves to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit themselves to observe the following principles during participation in the tender process and during contract execution: -

- 3.1 The Bidder(s)/Contractor(s) will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the NHPC, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
- 3.2 The Bidder/Contractor further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the NHPC or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with NHPC for showing or forbearing to show favour or disfavor to any person in relation to the contract or any other contract with NHPC.
- 3.3 The Bidder(s)/Contractor(s) shall disclose the name and address of agents and representatives and Indian Bidder(s)/Contractor(s) shall disclose their foreign principals or associates.
- 3.4 The Bidder(s)/Contractor(s) shall, when presenting their bid, disclose any /all payments made, is committed to or intends to make to agents, brokers or any other intermediaries, in connection with this bid/award of the contract
- 3.5 Deleted.

- 3.6 The Bidder, either while presenting their bid or during pre-contract negotiations or before signing the contract, shall disclose any payments made, is committed to or intends to make to officials of the NHPC or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
- 3.7 The Bidder/Contractor will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 3.8 The Bidder/Contractor will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 3.9 The Bidder/Contractor shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the NHPC as part of the business relationship, regarding plans, technical proposals and business details, including information contained in electronic data carrier. The Bidder/Contractor also undertakes to exercise due and adequate care lest any such information is divulged.
- 3.10 The Bidder(s)/Contractor(s) commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 3.11 The Bidder(s)/Contractor(s) shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 3.12 If the Bidder/Contractor or any employee of the Bidder/Contractor or any person acting on behalf of the Bidder/Contractor, either directly or indirectly, is a relative of any of the officers of the NHPC, or alternatively, if any relative of an officer of the NHPC has financial interest/stake in the Bidder(s)/Contractor(s) firm(excluding Public Ltd. Company listed on Stock Exchange), the same shall be disclosed by the Bidder/Contractor at the time of filling of tender.  
The term 'relative' for this purpose would be as defined in Section 2(77) of the Companies Act 2013.
- 3.13 The Bidder(s)/Contractor(s) shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the NHPC.
- 3.14 The representative of the Bidders/Contractors signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will wait their decision in the matter.
- 3.15 In case of Sub-Contracting, the bidder shall take the responsibility of the adoption of Integrity Pact by the Sub-Contractor.

#### **4.0 Previous Transgression**

- 4.1 The Bidder(s)/Contractor(s) declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect on any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India.

#### **5.0 Earnest Money (Security Deposit)**

The provision regarding Earnest Money/Security Deposit as detailed in the Notice Inviting Tender (NIT) and Instruction to Bidders (ITB) section of the Bid Document is to be referred.

**6.0 Sanctions for Violations**

- 6.1 Any breach of the aforesaid provisions, before award or during execution by the Bidder/Contractor or any one employed by it or acting on its behalf such as to put their reliability or credibility in question shall entitle the NHPC to take action as per the procedure mentioned in the **“Guidelines on Banning of Business Dealings”** attached as **Annexure-6.12A** and initiate all or any one of the following actions, wherever required:-
- (i) To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the Bidder/Contractor. However, the proceedings with the other Bidder(s)/Contractor(s) would continue.
  - (ii) The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is Signed) shall stand forfeited either fully or partially, as decided by the NHPC and the NHPC shall not be required to assign any reason thereof.
  - (iii) To immediately cancel the contract, if already signed, without giving any compensation to the Contractor. The Bidder/Contractor shall be liable to pay compensation for any loss or damage to the NHPC resulting from such cancellation/rescission and the NHPC shall be entitled to deduct the amount so payable from the money(s) due to the Bidder/Contractor.
  - (iv) Deleted.
  - (v) To encash the Bank guarantee, in order to recover the dues if any by the NHPC, along with interest as per the provision of contract.
  - (vi) Deleted .
  - (vii) To debar the Bidder/Contractor from participating in future bidding processes of NHPC Ltd., as per provisions of “Guidelines on Banning of Business Dealings” of NHPC Ltd. (**Annexure-6.12A**), which may be further extended at the discretion of the NHPC.
  - (viii) To recover all sums paid in violation of this Pact by Bidder(s)/Contractor(s) to any middleman or agent or broker with a view to securing the contract.
  - (ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the NHPC with the Bidder/ Contractor, the same shall not be opened/operated.
  - (x) Forfeiture of Performance Security in case of a decision by the NHPC to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- 6.2 The NHPC will be entitled to take all or any of the actions mentioned at para 6.1 (i) to (x) of this Pact also on the Commission by the Bidder/Contractor or any one employed by it or acting on its behalf (whether with or without the knowledge of the Bidder/Contractor), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.
- 6.3 The decision of the NHPC to the effect that a breach of the provisions of this Pact has been committed by the Bidder/Contractor shall be final and conclusive on the Bidder/Contractor. However, the Bidder/Contractor can approach the Independent External Monitor(s) appointed for the purposes of this Pact.

#### **7.0 Independent External Monitor(s)**

- 7.1 The NHPC has appointed Independent External Monitors (hereinafter referred to as monitors) for this Pact after approval by the Central Vigilance Commission.
- 7.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 7.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently. The Monitors report to CMD, NHPC.
- 7.4 Both the parties accept that the Monitors have the right to access all the Contract documents relating to the project/procurement, including minutes of meetings, whenever required. The right to access records should only be limited to the extent absolutely necessary to investigate the issue related to the subject tender /contract.
- 7.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he / she will so inform CMD, NHPC and request NHPC Ltd. to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 7.6 The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction, to all Project documentation of the NHPC including that provided by the Bidder/Contractor. The Bidder/Contractor will also grant the Monitor, upon his / her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Subcontractor(s). The Monitor shall be under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor(s) with confidentiality. The Monitor has also signed declaration on 'Non-Disclosure Agreement' and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform CMD, NHPC and recuse himself / herself from that case.
- 7.7 The NHPC will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings as and when required.
- 7.8 The Monitor will submit a written report to the CMD, NHPC Ltd., within 8 to 10 weeks from the date of reference or intimation to him by the NHPC/Bidder and should the occasion arise, submit proposals for correcting problematic situations.
- 7.9 The word 'Monitor' would include both singular and plural.

#### **8.0 Facilitation of Investigation**

In case of any allegation of violation of any provisions of this Pact or payment of commission, the NHPC or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder/Contractor and the Bidder/Contractor shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.



**9.0 Law and Place of Jurisdiction**

This Pact is subject to Indian Law. The place of performance and jurisdiction is the Registered Office of the NHPC, i.e. Faridabad (Haryana). The arbitration clause provided in the tender document/contract shall not be applicable for any issue/dispute arising under Integrity Pact.

**10.0 Other Legal Actions**

10.1 The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

10.2 Changes and supplements as well as termination notice need to be made in writing.

10.3 If the Contractor is a partnership or a consortium or a joint venture, this pact must be signed by all partners of the consortium/joint venture.

**11.0 Validity**

11.1 The validity of this Integrity Pact shall be from date of its signing and expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from business dealings.

11.2 Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intention.

11.3 Issues like Warranty / Guarantee etc. shall be outside the purview of IEMs.

11.4 In the event of any contradiction between Integrity Pact and its Annexure, the clause in the Integrity Pact will prevail.

For & On behalf of the NHPC

For & On behalf of the Bidder /  
Contractor

(Office Seal)

(Office Seal)

Place----- Place-----

Date----- Date-----

- -

Witness1.

Witness1.

(Name and address)

(Name and address)

2.

2.

(Name and address)

(Name and address)



Annexure – 6.12A

**Guidelines on Banning Business Dealings**

**1. Introduction**

NHPC Limited (NHPC) deals with Agencies viz. parties/ contractors/ suppliers/ bidders, who are expected to adopt ethics of highest standards and a very high degree of integrity, commitments and sincerity towards the work undertaken. It is not in the interest of NHPC to deal with Agencies who commit deception, fraud or other misconduct in the tendering process and/or during execution of work undertaken. NHPC is committed for timely completion of the Projects within the awarded value without compromising on quality.

- 1.2 Since banning of business dealings involves civil consequences for an Agency concerned, it is incumbent that adequate opportunity of hearing is provided and the explanation, if tendered, is considered before passing any order in this regard keeping in view the facts and circumstances of the case.

**2.0 Scope**

- 2.1 NHPC reserves its rights to remove from list of approved suppliers / contractors (if such list exists) or to Suspend/Ban Business Dealings if any Agency has been found to be non / poor performing or have committed misconduct or fraud or anything unethical or any of its action(s) which falls into any such grounds as laid down in this policy.
- 2.2 The procedure of (i) Removal of Agency from the List of approved suppliers / contractors; (ii) Suspension and (iii) Banning of Business Dealing with Agencies, has been laid down in these guidelines.
- 2.3 These guidelines shall apply to all the units of NHPC.
- 2.4 These guidelines shall not be applicable in Joint Venture, Subsidiary Companies of NHPC unless they are assignees, successors or executor.
- 2.5 The suspension/banning except suspension/banning under Integrity Pact shall be with prospective effect, i.e. future Business Dealing.

**3.0 Definitions**

*In these Guidelines, unless the context otherwise requires:*

- i) **“Agency /Party / Contractor / Supplier / Bidders/Vendors”** shall mean and include a public limited company or a private limited company, a joint Venture, Consortium, HUF, a firm whether registered or not, an individual, cooperative society or an association or a group of persons engaged in any commerce, trade, industry, etc. “Party / Contractor/ Supplier / Bidder/Vendor” in the context of these guidelines is indicated as ‘Agency’.
- ii) **“Unit”** shall mean the Corporate Office, Project/ Power Station/ Regional Office/ Liaison Office or any other office of NHPC.
- iii) **“Competent Authority”** and **‘Appellate Authority’** shall mean the following:
- a) For works awarded/under Tendering from corporate office (falling in the competency of CMD /Board of Directors)

- > Competent Authority: CMD
- > Appellate Authority : Board of Directors
- b) For works awarded/under Tendering from Corporate Office/Projects/ Power Stations/ Regional Offices/Liaison Offices (falling in the competency of Director /Executive Director)
  - > Competent Authority: Concerned Director/Executive Director as the case may be
  - > Appellate Authority: CMD /Concerned Director as the case may be
- c) For works awarded/under tendering from Corporate Office / Regional Offices / Projects/ Power Stations/ Liaison Offices (falling in the competency of CGM and below)
  - > Competent Authority in case of works awarded/under tendering from Corporate Office/Regional office shall be CGM or GM of the concerned division as the case may be.
  - > Competent Authority: Head of the Unit not below the rank of General Manager
  - > Appellate Authority: Next higher authority
- iv) **“Investigating Committee”** shall mean a Committee appointed by Competent Authority to conduct investigation.

#### **4.0 Initiation of Suspension /Banning**

Action for Suspension / Banning Business Dealings with any Agency shall be initiated by the department responsible for invitation of Bids/Engineer-in-charge after noticing the irregularities or misconduct on the part of Agency concerned. Besides the concerned department, Vigilance Department of each Unit/ Corporate Vigilance may also be competent to initiate such action.

#### **5.0 Suspension of Business Dealings.**

- 5.1 If the conduct of any Agency dealing with NHPC is under investigation, the Competent Authority may consider whether the allegations (under investigation) are of a serious nature and whether pending investigation, it would be advisable to continue business dealing with the Agency. If the Competent Authority, decides that it would not be in the interest to continue business dealings pending investigation, it may suspend business dealings with the Agency. The order of suspension would operate for a period not more than six months and may be communicated to the Agency as also to the Investigating Committee. The Investigating Committee may ensure that their investigation is completed and whole process of final order is over within such period. However if the investigations are not completed within six months ,the investigation committee shall put up the proposal to the competent authority for approval of extension of time maximum up to further three months with in which the committee shall conclude the proceedings .



- 5.2 The order of suspension shall be effective throughout NHPC in case of work falling in the Competency of CMD/ Board of Directors/Directors, in case of work falling in the competency of Executive Director suspension shall be effective throughout Region /Corporate office (in case the works awarded/under Tendering from Corporate office). In case of work falling in the competency of HOP or below suspension shall be effective throughout the Project/Power Station and attached liaison offices/units and in case of work falling under the competency of CGM and below at Corporate office suspension shall be effective at Corporate office. During the period of suspension, no business dealing shall be held with the Agency.
- 5.3 If the Agency concerned asks for detailed reasons of suspension, the Agency may be informed that its conduct is under investigation. It is not necessary to enter into correspondence or argument with the Agency at this stage.
- 5.4 It is not necessary to give any show-cause notice or personal hearing to the Agency before issuing the order of suspension.
- 5.5 The format for intimation of suspension of business dealing is placed at **Annexure-6.12B.**
- 6.0 Ground on which Banning of Business Dealings can be initiated**
- 6.1 If the security consideration, including questions of loyalty of the Agency to NHPC so warrants;
- 6.2 If the director /owner of the Agency, proprietor or partner of the firm, is convicted by a Court of Law for offences involving moral turpitude in relation to its business dealings with the Government or any other public sector enterprises, during the last five years;
- 6.3 If the Agency has resorted to Corrupt, Fraudulent, Collusive, Coercive practices including misrepresentation of facts and violation of the any provisions of the Integrity Pact provided in the Contract.
- 6.4 If the Agency uses intimidation / threatening or brings undue outside pressure on NHPC or its official for acceptance / performances of the job under the contract;
- 6.5 If the Agency misuses the premises or facilities of NHPC, forcefully occupies or damages the NHPC's properties including land, water resources, forests / trees or tampers with documents/records etc.
- 6.6 If the Agency does not fulfill the obligations as required under the Contract and Violates terms & conditions of the contract which has serious affect for continuation of the Contract.
- 6.7 If the work awarded to the agency has been terminated by NHPC due to poor performance of the contract in the preceding 5 years.
- 6.8 If the Central Vigilance Commission, Central Bureau of Investigation or any other Central Government investigation Agency recommends such a course in respect of a case under investigation or improper conduct on agency's part in matters relating to the Company (NHPC) or even otherwise;

- 6.9 On any other ground upon which business dealings with the Agency is not in the public interest.
- 6.10 If business dealings with the Agency have been banned by the Ministry of Power, Government of India OR any PSU/ any other authority under the MOP if intimated to NHPC or available on MOP Website, the business dealing with such agencies shall be banned with immediate effect for future business dealing except banning under Integrity Pact without any further investigation.

(Note: The examples given above are only illustrative and not exhaustive. The Competent Authority may decide to ban business dealing for any good and sufficient reason).

#### **7.0 Procedure for Banning of Business Dealings**

- 7.1 An Investigating Committee shall be constituted by the authority competent to Ban the dealing comprising members from Engineering/Indenting department (convener), Finance, Law and Contract. The level of the committee members shall be CGM and above for works falling in the competency of CMD/Board of Directors, General Manager and above for the works falling in the competency of Director/ Executive Director and DGM/SM with at least one member of the level of General Manager for works falling in the competency of CGM and below.
- 7.2 The order of Banning of Business Dealings shall be effective throughout the NHPC. During the period of Banning of Business Dealings, no Business Dealing shall be held with the Agency.
- 7.3 The functions of Investigating Committee in each Unit to be appointed by the competent authority in line with para 3 (iii) shall, inter-alia include:
- To study the report of the department responsible for invitation of bids and decide if a prima-facie case for banning exists, if not, send back the case to the Competent Authority.
  - To recommend for issue of show-cause notice (after vetting by legal deptt.) to the Agency by the concerned department as per clause 7.4 “Show Cause Notice”.
  - To examine the reply to show-cause notice and call the Agency for personal hearing, if required.
  - To submit final recommendations to the Competent Authority for banning or otherwise including the period for which the ban would be operative considering the implications for NHPC on account of the act/omission on the part of the agency, intention of the agency as established from the circumstances of the case etc.

#### **7.4 SHOW CAUSE NOTICE**

Once the proposal for issuance of Show Cause Notice is approved by the Competent Authority, a ‘Show Cause Notice’ (as per format at **Annexure -6.12C** of these guidelines) shall be issued to the delinquent Agency by the Competent

Authority or by a person authorized by the Competent Authority for the said purpose. The Agency shall be asked to submit the reply to the Show Cause Notice within 15 days of its issuance. Further, the Agency shall be given an opportunity for Oral hearing to present its case in person, if it so desires, and the date for Oral Hearing shall necessarily be indicated in the Show Cause Notice.

The purpose of issuing the Show Cause Notice is only that the Agency concerned shall be given an opportunity to explain their stand before any action is taken. The grounds on which action is proposed to be taken shall be disclosed to the Agency inviting representation and after considering that representation, orders may be passed. Such orders require only the satisfaction of the authority that passed the final orders.

If the Agency requests for inspection of any relevant document in possession of NHPC, necessary facility for inspection of documents may be provided. During the conductance of oral hearing, only the regular duly authorized employees of Agency will be permitted to represent the Agency and no outsider shall be allowed to represent the Agency on its behalf.

Reply to the Show Cause Notice given by the Agency and their submissions in oral hearing, if any, will be processed by the Committee for obtaining final decision of the Competent Authority in the matter.

- 7.5** In case, no reply to Show Cause Notice is received from the Agency within stipulated time, further reminder shall be given with further period of 10 days thereafter if no reply is received action for processing ex-parte against the concerned Agency shall be initiated.

#### **Speaking Order**

The speaking order (reasoned order) for banning the business dealing with the Agency shall be issued by the Competent Authority or by a person authorized for the said purpose.

The decision regarding banning of business dealings taken after the issue of a Show Cause Notice and consideration of representation, if any, in reply thereto, shall be communicated to the Agency concerned along with a reasoned order. The fact that the representation has been considered shall invariably be mentioned in the communication. Also the fact that if no reply was received to the Show Cause Notice shall invariably be indicated in the final communication to the Agency. The format for intimation of banning of business dealing is placed at **Annexure-6.12D**.

#### **7.6 Period of banning**

In case banning is processed for violation of provisions of Integrity pact or due to corrupt or fraudulent practices, the Competent Authority shall decide on the period of banning on case to case basis depending on the gravity of the case and considering the implications for NHPC on account of the act/omission on the part of the Agency, intention of the Agency as established from the circumstances of the case etc. The period of banning shall not be less than 6

months and shall not exceed 2 years and in case termination of contract due to poor performance the period of banning shall be for 5 years. For contracts awarded to JV/Consortium, a constituent of the JV shall be permitted to participate in the bidding process if it has not been banned on grounds of its role and responsibility in the tendering process for which the Joint Venture has been banned in Past. In case if the Joint Venture which has been banned does not indicate the roles and responsibility of individual

Partner(s) then, the partner of the banned Joint Venture shall only be allowed to participate in the bidding process if its participation share is less than 35%.

In case the information/documents submitted by Agency in competing for the tender found to be false/forged then NHPC, without prejudice to any other rights or remedies it may possess, shall recover from Agency the cost incurred in carrying out physical assessment for establishing veracity of such information/documents. In case Agency refuses to reimburse such cost to NHPC then banning period of Agency shall be extended by another one year.

#### **7.7 Effect of Banning**

As far as possible, the existing ongoing contract(s) with the Agency may continue unless the Competent Authority, having regard to the circumstances of the case, decides otherwise, keeping in view contractual and legal issues which may arise thereof. In case the existing Contracts are allowed to continue, the suspension/Banning of Business Dealing along with default of the Contractor shall be recorded in the experience certificate issued for the work.

The Agency, ( after issue of the order of banning of business dealings) would not be allowed to participate in any future tender enquiry and if the Agency has already participated in tender process as stand-alone OR constituent of joint venture and the price bids are not opened, his techno-commercial bid will be rejected and price bid will be returned unopened. However, where the price bids of Agency have been opened prior to order of banning, bids of Agency shall not be rejected and tendering process shall be continued unless Competent Authority having regard to the circumstances of the case decides otherwise keeping in view the Contractual, Legal issues which may arise thereafter. However, in case the suspension /Banning is due to default of an Agency for the provisions under Integrity Pact and the Agency happens to be Lowest Bidder (L1), the tendering process shall be annulled and fresh tenders shall be invited.

During the Suspension/ Banning period, if it is found at any stage that Agency has participated in tender enquiry under a different name then such Agency would immediately be debarred from the tender/contract and its Bid Security/Performance Security would be forfeited. Payment, if any, made shall also be recovered.

After Suspension/ Banning order, the Suspended/ Banned Agency shall not be allowed to participate as Sub-Vendor/Sub-Contractor in the tenders.

Further, if the Suspended/ Banned agency is an approved Sub-Vendor under any Contract for such equipment/component/service, the Main Contractor shall not be permitted to place work order/Purchase order/Contract on the Suspended/ Banned agency as a Sub-Vendor /Sub-Contractor after the date of Suspension/ Banning even though the name of the party has been approved as a Sub-Vendor /Sub-Contractor earlier.

There would be no bar on procuring the spares and awarding Contracts towards Annual Maintenance (AMC)/ O&M/ Repair works on Agencies pertaining to the packages for which they have been banned provided the Equipment has been supplied by such Agency.

Banning of business dealing shall not be applicable to the Subsidiary Company of the Banned agency provided subsidiary company has not participated on the strength of the Banned agency. However, in case of a default by a Sub-Contractor, the banning shall be applicable to the Sub-Contractor as well as the Lead Partner of the concerned JV or the Sole bidder as the case may be.

**7.8 Hosting at NHPC website**

The concerned unit shall forward the name and details of the Agency (ies) banned along with period and reasons of banning to IT&C Division of Corporate Office for displaying the same on the NHPC website.

**8.0 Appeal against the Decision of the Competent Authority.**

The Agency may file an appeal against the order of the Competent Authority banning of business dealing before Appellate Authority. Such an appeal shall be preferred within 30 (Thirty) Days from the date of receipt of the order of banning of business dealing. Appellate Authority would consider the appeal if convinced may constitute another committee for further investigation. The investigation Committee constituted by the Appellate Authority shall study the report of the previous investigating committee and reply submitted by the Agency while filing its case for appeal and call the Agency for personal hearing, if requested by the Agency. Based on the recommendation of the committee Appellate Authority shall pass appropriate Speaking (Reasoned) order in line with Sub-Para 7.5 above which shall be communicated to the Agency as well as the Competent Authority (as per format enclosed as **Annexure-6.12E** with these guidelines).

**9.0 Circulation of the names of Agencies with whom Business Dealings have been banned**

The name of the concerned banned agency shall also be shared with MOP and other PSU in the sector and all the units of NHPC.

The provisions of this policy supersede and will have overriding effect on all earlier guidelines, procedures & system issued for the similar purpose.

**Annexure – 6.12B**

**(Format for Intimation of Suspension of business dealing) BY**

REGD. POST/SPEED POST/COURIER

No... ..

Date.....

To

M/s .....

Attn.: Shri .....

**Sub:** Intimation of Suspension of Business Dealings

Dear Sir,

Whereas The work of ..... was awarded to your firm vide letter of award no ...dt.... amounting to Rs. .... OR In response to NHPC NIT (e-tender / physical tender) No ..... dt. you have submitted your bid . (strike out whichever is not applicable )

Whereas the conduct of your firm in respect of the following is under investigation:  
Brief of the default

“Whereas the Competent Authority prima facie considered the allegations (under investigation) are of a serious nature and decided pending investigation, it is not in the interest of the corporation to continue business dealing with your firm

This order shall have the following effects:

- (i) Further business dealings with your firm is Suspended within Region/Project/Unit/wide NHPC. The order of Suspension is effective with immediate effect and would operate for a period of six months or till the investigation is completed and whole process of final order is over within such period. However, if investigations are not completed in six months’ time, the Competent Authority may extend the period of Suspension
- (ii) During the period of Suspension, no business dealing shall be held with your firm. No enquiry / bid / tender shall be issued to your firm nor will the bids submitted by your firm be entertained.
- (iii) In cases where tenders have already been issued to you and price bids are yet to be opened, the Price Bid submitted by you shall not be opened and BG/EMD, if any, submitted by you shall be returned.
- (iv) In cases where tenders have already been issued to you and Price Bids have already been opened, the tendering process will be continued
- (v) In case of ongoing contracts between you & NHPC, (including cases where contract has already been awarded before the issue of Suspension order) you will be required to continue with the execution and perform as per terms of the contract.
- (vi)(a) In case the Firm is in Joint Venture the following would also be applicable: i)

**Participation of Agency in Joint Venture**

Tenders in which your firm has been proposed as Joint Venture Partner by any of the bidders and price bids have been opened prior to Suspension of your firm in such cases the tendering process shall not be annulled on this ground



and the Agency shall be permitted to continue as Partner in the Joint Venture for such bidding. However where event of Price Bid opening has not taken place prior to Suspension/Banning of Agency then in such case Agency shall not be permitted to participate as Partner in the Joint Venture.

**ii) Banning of joint Venture:**

If the Joint Venture is Banned, your firm intends to bid as Partner(s) of Joint Venture in bidding process then it shall be permitted to participate in the bidding process if it has not been Banned on grounds of its role and responsibility in the tendering process for which the Joint Venture has been Banned in Past. In case if the Joint Venture which has been Banned does not indicate the roles and responsibility of individual Partner(s) then, the partner of the Banned Joint Venture shall only be allowed to participate in the bidding process if its participation share is less than 35%.

- (b) Your firm shall not be allowed to participate as Sub-Vendor/Sub-Contractor in the tenders.

Further if your firm is an approved Sub-vendor under any Contract for such equipment/component/service, the Main Contractor shall not be permitted to place work order/Purchase order/Contract on your agency as a Sub-Vendor/Sub-Contractor after the date of Suspension/ Banning even though the name of the party has been approved as a Sub-Vendor/Sub-Contractor earlier.

- (c) There would be no bar on procuring the spares and awarding Contracts towards Annual Maintenance (AMC)/ O&M/ Repair works on Agencies pertaining to the packages for which they have been Banned provided the Equipment has been supplied by such Agency.
- (d) Banning of business dealing shall not be applicable to the Subsidiary company of the Banned agency provided subsidiary company has not participated on the strength of the Banned agency.

On expiry of the above period of Suspension/Banning, you may approach... (Indicate the concerned procurement department), with request for revocation of the order mentioning inter-alia the steps taken by you to avoid recurrence of misconduct which has led to Suspension.

Yours faithfully,

For & On behalf of NHPC.

**Note:** Strike out whichever is not applicable



**Annexure – 6.12C**  
**(Format of Show Cause Notice)**

BY REGD. POST/SPEED POST/COURIER

No .....

Date.....

To

M/s .....

Attn.: Shri .....

**Sub: Show Cause Notice**

Ref :

Dear Sir,

You are hereby required to Show Cause in writing within 15 days from the date hereof why Business Dealing with your firm should not be banned / your firm is placed in the Banning List (as the case may be) and be debarred from entering into any contracts with NHPC for the following reasons:

(Give Reasons)

Your reply (if any) should be supported by documents and documentary evidence which you wish to rely in support of your reply. In case, you desire to present your case in person to NHPC, a personal hearing shall be conducted on .....at ..... hours for which prior intimation be furnished to this office. Should you fail to reply to this Show Cause Notice within the time and manner aforesaid, it will be presumed that you have nothing to say and we shall proceed accordingly.

Your reply, if any, and the documents / documentary evidence given in support shall be taken into consideration prior to arriving at a decision.

Yours faithfully,  
For & On behalf of NHPC.





**Annexure – 6.12D**

**(Format for Intimation of Banning of Business Dealing)**

BY REGD. POST/SPEED POST/COURIER

No...

Date

To

M/s .....

Attn.: Shri .....

**Sub:** Intimation of Suspension of Business Dealings

Dear Sir,

Whereas the work of..... was awarded to your firm vide letter of award no ...dtd...amounting to Rs. .... OR In response to NHPC NIT (e-tender / physical tender) no ..... dt. .... you have submitted your bid .(strike whichever is not applicable)

Whereas the Competent Authority had prima facie considered the allegations as detailed below are of a serious nature and decided to conduct investigation. “ Brief of the Default may be mentioned”

Whereas show cause notice vide no ... dtd...was served upon you. (whereas in spite of the opportunity given to you, you failed to submit the reply to the show cause notice within the time period mentioned there upon or further extended period, if any).

Whereas you submitted the reply along with

documents vide your letter no. .... dt. .... and presented your case in the personal hearing dated ..... (if any) . After considering the allegations made in the show cause notice, your reply to the show cause notice documents/documentary evidence in support thereof and personal hearing

dated ..... (if any), it has been decided to Ban the Business Dealing with you and you are hereby debarred from entering into contracts with NHPC.

(In order to make the Intimation of Banning of Business Dealing Speaking Order (reasoned order), the issue of a Show Cause Notice and consideration of representation in reply to show cause notice , opportunity of personal hearing, if any, shall be communicated to the Agency concerned along with a reasoned order. The order for Banning should also contain the reasons with detailed justification for conclusion of decision to Ban the Agency. Also the fact that if no reply to the Show Cause Notice was received or request for personal hearing was not made shall invariably be indicated in the communication to the Agency. The above order shall mention the grounds considering violation of any provision of Integrity Pact, any ground mentioned in Guidelines of Banning of Business Dealings, default by the agency under fraudulent practice / or any unethical practice and/or violation of any provision of Tender/Contract Condition having serious implications.)

This order shall have the following effects:

- i) Further business dealings with your firm is banned with immediate effect . The order of Banning would operate for a period of ..... years/month Competent Authority may extend the period of Banning.
- ii) During the period of Banning, no Business Dealing shall be held with your firm. No Enquiry / Bid / Tender shall be issued to your firm nor will the bids submitted by your firm be entertained.
- iii) In cases where tenders have already been issued to you and Price Bids are yet to be opened, the Price Bid submitted by you shall not be opened and BG/EMD, if any, submitted by you shall be returned.
- iv) In cases where tenders have already been issued to you and price bids have already been opened, the Tendering Process shall be continued.
- v) In case of ongoing contracts between you & NHPC, (including cases where contract has already been awarded before the issue of Banning order) you will be required to continue with the execution and perform as per terms of the contract.
- (vi) (a) In case the Firm is in Joint Venture the following would also be applicable:

**i) Participation of Agency in Joint Venture**

Tenders in which your firm has been proposed as Joint Venture Partner by any of the bidders and price bids have been opened prior to Banning of your firm in such cases the tendering process shall not be annulled on this ground and the Agency shall be permitted to continue as Partner in the Joint Venture for such bidding. However where event of price bid opening has not taken place prior to Banning of Agency then in such case Agency shall not be permitted to participate as Partner in Joint Venture.

**ii) Banning of joint Venture:**

As the Joint Venture is banned, your firm intends to bid as Partner(s) of Joint Venture in bidding process then it shall be permitted to participate in the bidding process if it has not been banned on grounds of its role and responsibility in the tendering process for which the Joint Venture has been banned in Past. In case if the Joint Venture which has been banned does not indicate the roles and responsibility of individual Partner(s) then, the partner of the banned Joint Venture shall only be allowed to participate in the bidding process if its participation share is less than 35%.

(b) Your firm shall not be allowed to participate as Sub-Vendor/Sub-Contractor in the tenders.

Further if your firm is an approved Sub-vendor under any Contract for such equipment/component/service, the Main Contractor shall not be permitted to place work Order/Purchase Order/Contract on your agency as a Sub-Vendor/Sub-Contractor after the date of Banning even though the name of the party has been approved as a Sub-Vendor/Sub-Contractor earlier.

( c) There would be no bar on procuring the spares and awarding Contracts towards Annual Maintenance (AMC)/ O&M/ Repair works on Agencies

pertaining to the packages for which they have been banned provided the Equipment has been supplied by such Agency.

(d) Banning of Business Dealing shall not be applicable to the Subsidiary company of the Banned Agency provided subsidiary company has not participated on the strength of the Banned Agency. However, in case of a default by a Sub-Contractor, the banning shall be applicable to the Sub-Contractor as well as the Lead Partner of the concerned JV or the Sole bidder as the case may be.

On expiry of the above period of Banning, you may approach .....  
(Indicate the concerned procurement department), with request for revocation of the order mentioning inter-alia the steps taken by you to avoid recurrence of misconduct which has led to Banning.

Further if you desire to appeal against this order you may do so within 30 days from the date of issue of this order to the appellate authority as here under:

Appellate Authority: ..... Designation:

Address:

Ph . no.

e-mail :

Yours faithfully,

For & On behalf of NHPC.

**Note:** Strikeout whichever is not applicable



**Annexure – 6.12E**

**(Format for communication of Appellate Decision on Suspension/Banning Order)**

BY REGD. POST/SPEED POST/COURIER

No.....

Date.....

To, M/s .....

Attn.: Shri .....

**Sub:** Suspension Banning of Business Dealings - Intimation of decision of Appellate Authority

**Ref:** 1. Order dated ..... Placing M/s..... on Suspension/B by NHPC

2. Your Appeal reference ..... Dt.....

Dear Sir,

This has reference to the order dt...placing you on Suspension/Banning List and your appeal petition reference..... dt.... on the same.

After considering the findings of the Original Authority in order and submissions made by you in your appeal , and the documents/documentary evidences available on record, it has been decided finally that :

- \* There is no infirmity in the order of the Original Authority, and the allegations stand substantiated and the Suspension/Banning for the period of..... years/month from the date of order, as ordered by the original Authority is upheld,
  - \* Considering your submissions, the order of Suspension/Banning passed by the original authority is upheld , but with a reduction in period of Suspension/Banning for ..... years/months from the date of order of original authority;
  - \* Considering your submissions and the evidence available on record, there is enough justification to annul the order of the original authority.
- (\*\*\* Incorporate any one of the above as applicable

##In order to make the Communication of Appellate Authority on Banning of Business Dealing Speaking Order (reasoned order), the fact that the representation of the agency has been considered and reference of grounds brought forward by the Agency in his defense and if any opportunity of personal hearing has been given to the Agency as a part of principle of natural justice shall invariably be mentioned in the communication, The order for Banning should also contain the reasons with detailed justification for conclusion of decision to Ban the Agency. Also the fact that if no sufficient ground has been furnished shall invariably be indicated in the final communication to the Agency. In case the option for Banning of Agency or reduction of Time Period for Banning of Agency is exercised then the above order shall mention the grounds considering violation of any provision of Integrity Pact, any ground mentioned in Guidelines of Banning of Business Dealings, default by the agency under fraudulent or any unethical practices and/or violation of any provision of Tender/Contract Condition having serious implications.)

Yours faithfully,  
For & On behalf of NHPC



**Format 6.13 a – CERTIFICATE FOR COMPLIANCE TO ALL PROVISIONS OF RfS DOCUMENT**

**(Certificate of Compliance to All Provisions of RfS Document / "NIL" Deviation Certificate)**

**[To be submitted offline in a separate sealed envelope along with EMD and others]**

Bidder's Name and Address :

To,  
General Manager (Civil Contracts-I)  
NHPC Ltd., Room No.218,  
2nd Floor, Jyoti Sadan  
NHPC OFFICE COMPLEX,  
Sector-33, Faridabad-121003,  
Haryana, India

Dear Sir,

1. With reference to our Bid dated for “**Selection of 500MW / 1000MWh InSTS connected standalone BESS Projects, RfS No.**”, we hereby confirm that we have read the provisions of RfS document along with its subsequent Amendment(s) / Clarification(s) / Addenda/Errata and further confirm that our Bids (i.e. both Technical Bid and Financial Bid) are strictly in conformity with the provisions of the RfS Document including its Amendments / Clarifications / Errata / Revisions thereof and we have **not taken any deviation** to any of the provisions of the aforesaid RfS document.
2. Further, we agree that the entire work for development of Battery Energy Storage System Project(s) shall be performed as per the provisions of RfS document including Technical Requirements as per Annexure-1.
3. We confirm that any deviation/ variation / additional conditions to the provisions of RfS Document read in conjunction with its Amendment(s)/Clarification(s)/ Addenda / Errata found anywhere in our Technical Bid and Financial Bid, implicit or explicit, save those pertaining to rebates offered, stands unconditionally withdrawn, without any cost implication whatsoever to the NHPC, failing which the EMD be forfeited.
4. We hereby confirm that our Technical Bid does not contain any Financial/Price content entry. However if anything is contained, we shall be solely responsible for any implication.
5. Further, we confirm that our Financial Bid does not contain any matter in respect of Technical and / or Commercial aspects other than the details specifically sought in the Financial Bid.

Date :

Signature of Authorized signatory .....  
(Name of Authorized Signatory) .....  
(Designation) .....  
(Company Seal) .....

Place



**Format 6.13 b– CERTIFICATE FOR COMPLIANCE TO ALL PROVISIONS OF RfS DOCUMENT**

**(Certificate of Compliance to All Provisions of RfS Document)**

(to be submitted by Project Company formed by Bidding Company/Bidding Consortium)

Project Company's Name and Address :

**To,  
General Manager (Civil Contracts-I)  
NHPC Ltd.  
Room No.218, 2nd Floor, Jyoti Sadan  
NHPC OFFICE COMPLEX, Sector-33,  
Faridabad-121003, Haryana, India**

1. NHPC invited the bids from all the eligible bidders against tender “Request for Selection (RfS) document for Selection of BESS Developers for -----MW/MWh of BESS Projects to be setup in----- in the state of -----(RfS document No. -----dated -----). In this bidding process M/s -----has been selected as the successful bidder vide LOA No. \_\_\_\_\_ dated \_\_\_\_\_ for setting up -----MW/MWh of BESS Project under ----- category in -----in the state of ----- . As per the provisions of RfS documents, M/s -----has formed a Project Company/Special Purpose Vehicle (SPV) namely M/s----- for development of \_\_\_\_ MW/MWh BESS Project (hereinafter called as “Project”), generation and sale of power from this Project and has accordingly entered into a Battery Energy Storage System Purchase Agreement bearing ref. no..... (hereinafter referred to as “BESPA”) dated \_\_\_\_\_ with NHPC. We hereby confirm that we have read the provisions of RfS document along with its subsequent Amendment(s) / Clarification(s) / Addenda/Errata.
2. Further, we agree that the entire work for development of Project, generation and sale of power from this Project shall be performed as per the provisions of RfS document including Technical Requirements as per Annexure-1 of RfS document.

Signature of Authorized signatory.....

Date : (Name of Authorized Signatory).....

Place : (Designation).....

(Company Seal) .....

**Format 6.14**

**PRELIMINARY ESTIMATE OF COST OF THE PROJECT**

Project Capacity: .....MW/....MWh

Location: .....

Bidder may use any format to provide the break-up.

Dated the \_\_\_\_\_ day of \_\_\_\_\_, 20....

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of  
Attorney/ Board Resolution/ Declaration.

**Appendix – A**

**CHECK LIST FOR BANK GUARANTEES**

<b>S. No.</b>	<b>Details of checks</b>	<b>YES/NO.</b>
a	Is the BG on non-judicial Stamp paper / e-stamp paper of appropriate value, as per Stamp Act?	
b	Whether date, purpose of purchase and name of the purchaser are indicated on the Stamp paper? (The date of purchase of stamp paper should be of any date on or before the date of execution of BG and the stamp paper should be purchased either in the name of the executing Bank or the party on whose behalf the BG has been issued. The stamp papers (other than e-stamp paper should be duly signed by the stamp vendor.)	
c	In case of BGs from Banks abroad, has the BG been executed on Letter Head of the Bank endorsed by SBI, India	
d	Has the executing Officer of BG indicated his name, designation and Power of Attorney No./Signing Power no. on the BG?	
e	Is each page of BG duly signed / initialed by executant and whether stamp of Bank is affixed thereon? Whether the last page is signed with full particulars including two witnesses under seal of Bank as required in the prescribed Proforma?	
f	Does the Bank Guarantees compare verbatim with the Proforma prescribed in the Bid Documents?	
g	Are the factual details such as Bid Document No. / Specification No., / LOI No. (if applicable) / Amount of BG and Validity of BG correctly mentioned in the BG	
h	Whether overwriting/cutting if any on the BG have been properly authenticated under signature & seal of executant?	
i	Whether the BG has been issued by a Bank in line with the provisions of Bidding documents?	
j	Is the BG confirmed by a Bank in India acceptable as per Bidding documents?	



**Annexure 1**

**1. TECHNICAL AND REGULATORY REQUIREMENTS TO BE FOLLOWED FOR BATTERY ENERGY STORAGE SYSTEMS PROJECTS Codes and Standards**

The BESS shall comply with the following Codes and Standards or equivalent Indian Standards, as applicable.

Standard/Code (or equivalent Indian Standards)	Description	Certification Requirements
IEC 62485-2	Safety requirements for secondary batteries and battery installations - to meet requirements on safety aspects associated with the erection, use, inspection, maintenance and disposal: Applicable for Lead Acid and NiCd / NiMH batteries	Applicable only for Lead Acid and NiCd/NiMH batteries
UL 1642 or UL 1973, Appendix E (cell) or IEC 62619 (cell) + IEC 63056 (cell)	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications	Required for Cell
UL 1973 (battery) or (IEC 62619 (battery) + IEC 63056 (battery))	Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail (LER) Applications / Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications	Either UL 1642 or UL1973 or (IEC 62619 + IEC 63056) for the Battery level
IEC 62281 / UN 38.3	Safety of primary and secondary lithium cells and batteries during transport: Applicable for storage systems using Lithium Ion chemistries	Required for both Battery and Cell.
IEC 61850/ DNP3	Communications networks and management systems. (BESS control system communication)	
UL 9540 or (IEC TS 62933-5-1 + IEC 62933-5-2)	Electrical energy storage (EES) systems - Part 5-1: Safety considerations for grid-integrated EES systems – General specification / Standard for Energy Storage Systems and Equipment	Either UL9540 or (IEC 62933-5-1+IEC 62933-5-2) is required for BESS system level
IEC 62933-2-1	Electrical energy storage (EES) systems - Part 2-1: Unit Parameters and testing methods - General Specification	Tests for Class B applications: 1. duty Cycle Round Trip Efficiency Test 2. Equipment and Basic Function Test 3. Available energy Test 4. Insulation test

<b>Power Conditioning Unit Standards for BESS</b>	
IEC 62477-1	Safety requirements for power electronic converter systems and equipment - Part 1: General
IEC 62477-2	Safety requirements for power electronic converter systems and equipment - Part 2: Power electronic converters from 1 000 V AC or 1 500 V DC up to 36 kV AC or 54 kV DC
IEC 61000-6-2 Ed. 2	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
IEC 61000-6-4 Ed. 2.1	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
IEC 62116 Ed. 2	Utility-interconnected photovoltaic inverters - Test procedure of islanding prevention measures
IEC 60068-2-1:2007	Environmental testing - Part 2-1: Tests - Test A: Cold
IEC 60068-2-2:2007	Environmental testing - Part 2-2: Tests - Test B: Dry heat
IEC 60068-2-14:2009	Environmental testing - Part 2-14: Tests - Test N: Change of temperature
IEC 60068-2-30:2005	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)

## **2. System Testing and Commissioning**

The BESS shall be commissioned as per commissioning criteria and procedures specified by the CEA.

## **3. Identification and Traceability**

Cells/Racks/Packs Assembly shall meet seismic requirement for the plant location of the BESS. Labelling of cells/batteries shall include manufacturer's name, cell type, name-plate rating, date of manufacture and date of expiry of parts and labour warranty.

#### **4. Other Sub-systems/Components**

Other subsystems/components used in the BESS must also conform to the relevant international/national Standards for Electrical Safety for ensuring Expected Service Life and Weather Resistance.

#### **5. Fire Protection**

The BESSD shall design and install a fire protection system that conforms to national and local codes. The fire protection system design and associated alarms shall take into account that the BESS will be unattended at most times. For high energy density technologies, the BESSD shall also obtain thermal runaway characterization of the battery storage systems.

#### **6. Authorized Test Centres**

Batteries/ Power Conditioning Units deployed in the power plants must have valid test certificates for their qualification as per above specified IEC/ BIS Standards by one of the ILAC member signatory accredited laboratories. In case of module types/ BESS/equipment for which such Test facilities may not exist in India at present, test certificates from reputed ILAC Member body accredited Labs abroad will be acceptable.

#### **7. Warranty**

BESSD shall procure performance guarantees from the OEM to ensure minimum performance levels for predefined application(s) as per the terms of the RfS. The Warranty shall clearly indicate life expectancy given discharge profiles provided for the application.

#### **8. Performance Monitoring**

As part of the performance monitoring, the following shall be carried out:

- a) The BESSD must install necessary equipment to continuously measure BESS operating parameters (including but not limited to voltage, current, ambient conditions etc.) as well as energy input into and energy output from the BESS along with Metering arrangement in accordance with extant regulations. They will be required to submit this data to the BIA on line and/or through a report on regular basis every month for the entire duration of contract.
- b) The BESSD shall provide access to the NHPC/MNRE or their authorized representatives for installing any additional monitoring equipment to facilitate on-line transfer of data.
- c) All data shall be made available as mentioned above for the entire duration of the Contract.
- d) The plant SCADA should be OPC version 2.0a (or a later version including OPC UA) compliant and implement appropriate OPC-DA server as per the specification of OPC Foundation. All data should be accessible through this OPC server for providing real time online data (BESS parameters) to the BIA/MNRE. This time series data shall be available from the Project SCADA system to facilitate monitoring and should include among others as stated before, below parameters to facilitate daily, monthly and annual Report for performance monitoring.

- e) Web-based monitoring should be available, which should not be machine dependent. The web-based monitoring should provide the same screens as available in the plant. Also, it should be possible to download reports from a remote web-client in PDF or Excel format.

**9. Other necessary criteria**

- a) BESS shall be capacity of operating in the frequency range of 47.5 Hz to 52 Hz and be able to deliver rated output in the frequency range of 49.5 Hz to 50.5 Hz.
- b) BESS shall be capable of operating when voltage at the interconnection point on any or all phases dips/rises to the high or low levels. The levels applicable for wind/solar inverter-based generation may be referred as available in Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations.
- c) The safe and reliable operation of power system is ensured by frequency control as well as voltage control. BESS to be implemented shall have provisions for Primary frequency control with a droop which can be set as per system requirement between 1-3 percent. The BESS performs regulations in one or several pre-defined ways (e.g. regulating its own output power according to the orders given by SCADA system) to achieve an active power balance between generation and demand to maintain the power system frequency within a reasonable range.
- d) BESS shall operate to maintain voltages as per specified voltage ranges in Grid standards. BESS shall have feature to detect the voltage of interconnection point, and regulate voltage independently. The response time of the BESS shall not exceed the value specified in relevant standards or grid codes.
- e) BESS shall operate in a manner to promote the power system reliability and improve the power quality. When power quality problems, such as voltage dip, flicker, unsatisfactory power factor, etc., occur in power system, the BESS could eliminate these problems by flexible active and reactive power output in this function.
- f) The BESS should provide reliable protection and not be limited to as an overvoltage/under-voltage protection, overcurrent protection, low-temperature/over-temperature protection of battery, DC insulation monitoring, etc.
- g) BESS is required to have the following basic functions:
  - i) Monitoring: Monitor operational parameters, equipment status and communication status, alarm and faults of main equipment and BESS system, etc.
  - ii) Information exchange: Receive and process information with RLDC/NLDC including operation parameters, switching information, various alarms and alerts, protective action signals, control information, etc.
  - iii) Control: Including control mode and parameter setting with RLDC/NLDC.
- h) BESS shall have capability to operate in AGC. The details regarding AGC signals required by not limited to, are given (the conventional power plant signal link) at the link, <https://posoco.in/download/detailed-signal-list-for-connecting-generators-under-agc/?wpdml=29546>.  
BESS shall be able to operate in AGC and be able to comply with the requirements desired by system operators. Some of the BESS signal list for implementation of AGC can be like below (list is indicative only):
  - i) Maximum MW permissible (dynamic or user entry)
  - ii) Minimum MW permissible (dynamic or user entry)

- iii) Ramp rate up permissible (dynamic or user entry)
  - iv) Ramp rate down permissible (dynamic or user entry)
  - v) Actual MW
  - vi) Actual MVAR
  - vii) Auxiliary Consumption MW
  - viii) Scheduled MW (dynamic or user entry)
  - ix) BESS Temperature (for monitoring and correlation)
  - x) Ambient Temperature (for monitoring and correlation)
  - xi) Cycle limits (0-100%) per day (user entry)
  - xii) Circuit breaker status
  - xiii) Local/Remote status
  - xiv) ACC Set Point MW from NLDC to BESS
  - xv) Voltage (KV) at grid level
  - xvi) Voltage (V) at BESS LV side
- i) The static information like detailed write-up on present operation methodology of BESS, forbidden zones, number of cycle limits, Auxiliary consumption details, capability curve, simulation models (RMS/PSCAD) along with description or any specific information about BESS shall also be furnished as and when required by RLDC/NLDC.
- j) BESS will ensure the compliance of requirements mentioned in procedure of First Time Charging (FTC) as applicable for other power system elements. The consolidated FTC procedure including the requirements for BESS is available in public domain at [https://posoco.in/wp-content/uploads/2021/04/Procedure\\_for\\_Integration\\_of\\_Power\\_System\\_Elements.pdf](https://posoco.in/wp-content/uploads/2021/04/Procedure_for_Integration_of_Power_System_Elements.pdf)

**10) Safe Disposal of unit Batteries from the BESS**

The Developer will comply with the requirements under Hazardous & other Waste (Management and Transboundary Movement) Rules, 2016, as amended from time to time, as applicable. The BESSD shall ensure that all Unit Battery modules from the plant after their 'end of life' (when they become defective/ non-operational/ non-repairable) are disposed in accordance with the "e-waste (Management and Handling) Rules, 2016" notified by the Government and as revised and amended from time to time and Battery Waste Management Rules, as and when notified by the Government of India.



**Request for Selection for 500MW / 1000MWh InSTS Connected standalone BESS in the state of Andhra Pradesh under TBCB**

i) The

**Annexure – 2**

**CHECK LIST FOR FINANCIAL CLOSURE**

*(To be signed by the Authorized signatory of the BESSD)*

**(RfS No. \_\_\_\_\_ dated \_\_\_\_\_)**

**Last Date for submission of documents related to Financial Closure – \_\_\_\_\_ (6 months prior to the SCD / extended SCD)**

Project Company Name \_\_\_\_\_ Project ID: \_\_\_\_\_

LOA No. - \_\_\_\_\_ Dtd. - \_\_\_\_\_ Effective Date of BESPA - \_\_\_\_\_

Scheduled Commissioning Date: - \_\_\_\_\_

**1.0 Financial Closure - (Clause 3.27 of the RfS, including subsequent amendments & clarifications)**

Details	Presently given in BESPA
Location	
Technology	
Certificate from all financial institutions	<b>In case of tie up through Bank / Financial Institutions: -</b>
	Document from Bank / Financial Institutions certifying arrangement of necessary funds by way of sanction of Loan (to be enclosed as <b>Annexure-I</b> ).
	<b>In case of Internal Resources: -</b>
	Copy of Board Resolution, Audited/Certified Balance sheet, Profit & Loss Account Statement, Bank Statement and Cash Flow Statement in support of availability of Internal resources of the Project Company and of the Company other than Project Company (in case the required funding will be raised from Company other than Project Company) (to be enclosed as <b>Annexure-I</b> ).
	<i>Performa for the cases where funding will be from Company other than Project Company is at 'A-1'.</i>

**Note:-**

- Copy of Final Detailed Project Report (DPR) is to be enclosed as **Annexure – II A**.
- Undertaking by the Project Company that all Consents, clearances and permits required for supply of Power to NHPC as per the terms of BESPA have been obtained is to be enclosed as **Annexure – II B**

**2.0** Copy of Agreement/ MOU entered into / Purchase Order with acceptance, for the supply of Plants and Equipment (to be enclosed as **Annexure-III**)

**3.0** Technical Parameters of the Project

**3.0.1** Certificate from Project Company that Technical specifications and directives given in Annexure-1 of the RfS will be adhered to (to be enclosed as **Annexure-IV A**)

**3.0.2** Proposed Project configuration as part of DPR of the Project (to be enclosed as **Annexure-IV B**)

**4.0 Ownership of the BESSD:** Latest Shareholding Pattern of the Project Company (including Compulsorily Convertible Debentures (CCDs), Compulsorily Convertible Preferential Shares (CCPS) of the Project Company certified by Chartered Accountant (to be enclosed as **Annexure V A**)

Shareholding pattern is not required to be submitted by a Listed Company.

**Note:** Shareholding pattern is to be submitted by the Project Company, as and when requisitioned by the BIA.





**Performa A-1**

**For cases where funding will be from a Company other than Project Company**

**Board Resolution from**

**(Name of the Company from where the required funding will be raised)**

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED BY THE BOARD OF

DIRECTORS OF THE COMPANY AT THEIR MEETING HELD ON \_\_\_\_\_ AT THE REGISTERED OFFICE OF THE COMPANY

RESOLVED that approval of the Board be and is hereby accorded to the company extending unconditional and full financial support whether by way of equity, debt, or a combination thereof, towards meeting the full project cost of Rs. \_\_\_\_\_ (in words and figures) to M/s \_\_\_\_\_ (Name of Project Company), a company within the meaning of The Companies Act, 1956 and/or The Companies Act, 2013, and having its registered

office at which was selected by NHPC to develop the...MW/MWh Battery Energy Storage System Project for generation and sale of Power under the RfS No. in respect of which Battery Energy Storage Purchase Agreement (BESPA) was signed between NHPC and

\_\_\_\_\_ (Name of Project Company). Funds will be released for the project as per the request of \_\_\_\_\_ (Name of Project Company) to meet the financial requirement for the said Project.

**Board Resolution from \_\_\_\_\_ (Project Company)**

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED BY THE BOARD OF

DIRECTORS OF THE COMPANY AT THEIR MEETING HELD ON \_\_\_\_\_ AT THE REGISTERED OFFICE OF THE COMPANY

RESOLVED that approval of the Board be and is hereby accorded to the Company which was selected by NHPC to develop the...MW Battery Energy Storage System Project for generation and sale of Power under the RfS No. in respect of which Battery Energy Storage Purchase Agreement (BESPA) was signed between NHPC and the Company, to request and undertake to accept unconditional and full financial support and getting release of funds for project as per requirement from the Company

i.e. \_\_\_\_\_, a Company within the meaning of The Companies Act, 1956 and/or The Companies Act, 2013, and having its registered office at whether by way of equity, debt, or a combination thereof for meeting the financial requirements of the project being developed by the Project Company.

Further Resolved that in the event the Company i.e. \_\_\_\_\_, agrees to extend full financial support as sought above, Sh. \_\_\_\_\_, Director, Sh. \_\_\_\_\_, Director.... be and are hereby severally or collectively authorized to accept any terms and conditions that may be imposed by (Name of the Company), for extending such support and that they are also severally or collectively authorized to sign such documents, writings as may be necessary in this connection.





**Annexure – 3**

**COPY OF BESPA and BESSA**

**STANDARD**  
**BATTERY ENERGY STORAGE PURCHASE AGREEMENT**  
**FOR**  
**PROCUREMENT OF \_\_\_\_MW/ \_\_\_\_MWh**  
**ON LONG TERM BASIS**

**Between**

..... [Insert Name of BESSD]

**And**

**NHPC Limited**

.....[Insert month and year]

This Battery Energy Storage Purchase Agreement is made on the .....[Insert date]  
day of .....[Insert month] of ..... [Insert year] at [Insert place]

Between

..... [Insert name of the BESSD], a Company incorporated under the  
Companies Act 1956 or Companies Act 2013, having its registered office at .....  
[Insert address of the registered office of BESSD] (hereinafter referred to as “**Battery  
Energy Storage System Developer**” or “**BESSD**”, which expression shall, unless  
repugnant to the context or meaning thereof, be deemed to include its successors and  
permitted assigns) as a Party of the **First Part**;

And

**NHPC Ltd**, a company incorporated under the Companies Act 1956, having its registered  
office at NHPC Office Complex, Sector-33, Faridabad, Haryana-121003 (hereinafter  
referred to as “**NHPC**”, or “**Procurer**” or “**Buyer**” which expression shall, unless  
repugnant to the context or meaning thereof, be deemed to include its successors and  
assignees) as a Party of the **Second Part**;

The BESSD and NHPC are individually referred to as ‘Party’ and collectively referred to  
as ‘Parties’.

WHEREAS:

- A. The Ministry of Power, Government of India has issued the “*Guidelines for  
Procurement and Utilization of Battery Energy Storage Systems as part of  
Generation, Transmission and Distribution assets, along with Ancillary Services*”  
vide Resolution dated 10<sup>th</sup> March 2022, including subsequent amendments and  
clarifications thereof, if any, issued until \_\_\_\_\_ [Enter the last date of bid  
submission of the RfS].
- B. NHPC has been designated as a BESS Implementing Agency (BIA) by Ministry of  
Power vide letter F.No.42-26/1/2022-NRE(Pt.II) dated 17.10.2024 for developing  
and facilitating the establishment of the Grid connected Battery Energy Storage  
Capacity in India in terms of the Policy / Guidelines issued by the Government of  
India.
- C. NHPC, as BESS Implementing Agency (BIA) and in line with the provisions of the

Operational Guidelines for CPSU Component under the scheme for Viability Gap Funding for Development of Battery Energy Storage System, issued by Ministry of Power, Government of India, vide resolution no. 42-26/1/2022-NRE-Part (II) dated 17.10.2024 had issued the RfS for selection of BESSD for development of 500MW / 1000 MWh standalone BESS project at the ..... being developed by ..... ( ..... ) in ..... district, ..... (herein after referred to as ‘ ..... and generally referred to as BESS Project or Project..

D. NHPC had initiated a Tariff Based Competitive Bid Process for development of 1000 MWh (500 MW X 2 hrs.) of InSTS connected Battery Energy Storage Project (Project) on the terms and conditions contained in the Request for Selection Documents (herein after referred to as ‘RFS’) issued by NHPC vide RfS No..... dated..... .

E. NHPC has issued the Letter of Award No..... dated..... in favor of the \_\_\_\_ [Insert name of the Bidding Company] for development and establishment of the MW/\_\_\_\_\_MWh of “Project” or “BESS” at a location provided at.....[**mention name & voltage level of Substation**] S/s in the State of Andhra Pradesh as per the terms and conditions contained in the RfS, this Battery Energy Storage Purchase Agreement (BESPA) and other bidding documents as well as the conditions contained in the Letter of Award.

E [**Insert Name of the Bidding Company**] has been selected in the Competitive Bidding Process {in case Bidding Company is executing the Project through SPV}, has constituted a ..... [**Insert Name of the SPV**] (hereinafter referred to as ‘**BESSD**’), for development, and supply of BESS Capacity from the .....MW/\_\_\_\_MWh of the Project / BESS to be established by BESSD in....., [**mention name & voltage level of Substation**] S/s in the State of Andhra Pradesh and for making available of such Battery Energy Storage Capacity by NHPC as an Intermediary Agency to the APDISCOMs (Buying Utility) [as defined] under a Battery Energy Storage Sale Agreement (BESSA) to be entered into between NHPC and APDISCOMs.

F. NHPC has agreed to purchase such Battery Energy Storage Capacity from the BESSD

as an Intermediary Procurer and sell it to APDISCOMs / Buying Utility on back-to-back basis as per the provisions of the RfS. Accordingly, NHPC has agreed to sign/has signed a Battery Energy Storage Sale Agreement (BESSA) with the APDISCOMs / Buying Utility to sell such Battery Energy Storage Capacity as per the provisions of the above said Guidelines and RfS.

- G. In terms of the RfS and the Bidding Documents, the BESSD has furnished the Performance Bank Guarantee/ Payment on Order Instrument / Insurance surety bond in the sum of Rs.....in favour of NHPC as per the format provided as a part of the Bidding Documents.
- H. BESSD has fulfilled the terms of the RfS Documents and the terms of the Letter of Award for signing this Battery Energy Storage Purchase Agreement as a definitive agreement for developing the “Project” (or “BESS”) of..... MW/ \_\_\_\_\_MWh at .....[**mention name & voltage level of Substation**] S/S in the State of Andhra Pradesh for making available Battery Energy Storage Capacity by the BESSD to NHPC to enable NHPC to make available such Battery Energy Storage Capacity to the APDISCOMs / Buying Utility as NHPC may consider appropriate, under a Battery Energy Storage Sale Agreement (BESSA) and on a back-to-back basis to the Battery Energy Storage Purchase Agreement to be entered into with the BESSD;
- I. The parties have agreed to execute this Battery Energy Storage Purchase Agreement in terms of the provisions of the RfS, the bidding documents and the Letter of Award in regard to the terms and conditions for development of the Project at ....., [Insert project location & name of state] on Build, Own Operate basis and for making available such Battery Energy Storage Capacity by the BESSD to NHPC.

**Now therefore, in consideration of the premises and mutual agreements, covenants and conditions set forth herein, it is hereby agreed by and between the Parties as follows:**

## ARTICLE 1: DEFINITIONS AND INTERPRETATION

### 1.1 Definitions

The terms used in this Agreement, unless as defined below or repugnant to the context, shall have the same meaning as assigned to them by the Electricity Act, 2003 and the rules or regulations framed there under, including those issued / framed by the Appropriate Commission (as defined hereunder), as amended or re-enacted from time to time.

“Act” or “Electricity Act, 2003”	shall mean the Electricity Act, 2003 and include any modifications, amendments and substitution from time to time;
“Agreement” or “Battery Energy Storage Purchase Agreement” or “Storage Capacity Agreement” “SCA” or “BESPA”	shall mean this Battery Energy Storage Purchase Agreement including its recitals and Schedules, amended or modified from time to time in accordance with the terms hereof;
“Appropriate Commission”	Appropriate Commission shall mean Central Electricity Regulatory Commission (CERC) or State Electricity Regulatory Commission (SERC) as the case may be;
“Annual Availability”	For a particular Contract Year, “Annual Availability” shall be the average availability of the Contracted BESS capacity during that particular Contract Year, calculated as per the RfS ;
“Battery Energy Storage Project” or “Project” or “BESS PROJECT”, “Battery Energy Storage Systems” or “BESS”	shall mean the system(s)/projects of .....[Insert capacity] MW/ MWh, located at ..... [Insert name of the place] in .... [Insert name of the District and State] having a separate control system, metering and single point of injection into the grid at Delivery/Interconnection/Metering point at STU substation and utilizing methods and technologies such as electrochemical batteries (Lead Acid, Li-ion, solid state batteries, flow batteries etc.), providing a facility that can store energy and deliver the stored energy in the form of electricity, including ancillary facilities (grid support, for example).  It also includes all units and auxiliaries, Battery Energy Management System including associated applications / software; bay/s for transmission system in the switchyard, dedicated transmission line up to the Delivery Point and all the other assets, buildings/structures, equipment, plant and machinery, facilities and related assets required for the efficient and economic operation of the power generation facility; whether completed or at any stage of development and construction or intended to be developed and constructed for the

	purpose of supply of above mentioned Battery Energy Storage Capacity as per this Agreement;
Battery Energy Storage Sale Agreement (BESSA)	shall mean the Battery Energy Storage Sale Agreement (BESSA) entered between the APDISCOMs / Buying Entity and NHPC for onward sale of Battery Energy Storage Capacity being procured under this Agreement, and forms Schedule-4 of this Agreement;
"Bill Dispute Notice"	shall mean the notice issued by a Party raising a Dispute regarding a Monthly Bill or a Supplementary Bill issued by the other Party;
"Business Day"	shall mean with respect to BESSD and NHPC, a day other than Sunday or a statutory holiday, on which the banks remain open for business in Haryana and [insert name of State where BESSD Registered Office is located] both;
"Buying Entity" or "Buying Utility" or Discoms	Buying Entity / Utility shall mean Andhra Pradesh Power Distribution Companies (APDISCOMs);
"CERC"	shall mean the Central Electricity Regulatory Commission of India, constituted under sub – section (1) of Section 76 of the Electricity Act, 2003, or its successors;
"CTU" or "Central Transmission Utility"	shall mean the Government Company notified by the Central Government under Sub-Section (1) of Section 38 of the Electricity Act, 2003.
Charging Power	Shall mean the requirement of energy to charge the contracted capacity and additional energy considering minimum system efficiency as per RfS. Charging power shall be provided by APDISCOMs/Procurer under this agreement.
"Change in Law"	shall have the meaning ascribed thereto in Article 12 of this Agreement;
"Commissioning"	The Project will be considered as commissioned if all equipment as per rated Project Capacity has been installed, synchronized with Grid demonstrated all required parameters as per procedure in Schedule 3 of this Agreement and certification of the same by NHPC
"Commercial Operation Date (COD)"	shall mean the date on which the commissioning certificate is issued by the commissioning committee constituted by NHPC upon successful commissioning of the full capacity of the Project or the last part capacity of the Project as the case may be; Such date of the issuance of Commissioning Certificate shall be deemed to be the date on which BESSD has successfully demonstrated the compliance of the all requirements for the commissioning as well as commercial operation for the entire Contracted Capacity and commencement of supply of power of full contracted capacity as per provisions of BESPA read along with provisions of the RfS.

“Competent Court of Law”	shall mean any court or tribunal or any similar judicial or quasi-judicial body in India that has jurisdiction to adjudicate upon issues relating to this Agreement;
“Consents, Clearances and Permits”	shall mean all authorizations, licenses, approvals, registrations, permits, waivers, privileges, acknowledgements, agreements, or concessions required to be obtained from or provided by any concerned authority for the purpose of setting up of the Project and providing energy storage facility under this Agreement;
“Consultation Period”	shall mean the period of ninety (90) days or such other longer period as the Parties may agree, commencing from the date of issuance of a BESSD Preliminary Default Notice or NHPC Preliminary Default Notice as provided in Article 13 of this Agreement, for consultation between the Parties to mitigate the consequence of the relevant event having regard to all the circumstances;
“Contract Year”	shall mean the period beginning from the Effective Date and ending on the immediately succeeding March 31 and thereafter each period of 12 months beginning on April 1 and ending on March 31 provided that: (i) in the financial year in which the Scheduled Commissioning Date would occur, the Contract Year shall end on the date immediately before the Scheduled Commissioning Date and a new Contract Year shall commence once again from the Scheduled Commissioning Date and end on the immediately succeeding March 31, and thereafter each period of twelve (12) months commencing on April 1 and ending on March 31, and (ii) provided further that the last Contract Year of this Agreement shall end on the last day of the Term of this Agreement
"Contracted Capacity"	shall mean ..... [Insert the Project Capacity] MW/_____MWh, which is the Energy Storage Capacity (discharge capacity) contracted with NHPC for supply by the BESSD at the Delivery Point from the Project.  For avoidance of any doubt it is clarified that it shall be the sole responsibility of BESSD to make all required arrangements including physical-techno-commercial demarcation.
“Controlling Shareholding”	shall mean more than 50% of the voting rights and paid up share capital in the Company/ Consortium.
“Day”	shall mean a day, if not a Business Day, the immediately succeeding Business Day.



<p>“Delivery Point”</p>	<p>shall mean the interconnection point at the voltage level of .....[Insert Voltage Level] at ..... of the .....[Insert name of the GSS] Grid Interconnecting Sub-station including the dedicated transmission line (if any) connecting the Project with the .....KV substation system as specified in the RfS document.</p> <p>Metering shall be done at this interconnection point where the power is injected into / drawn. For interconnection with grid and metering, the BESSD shall abide by the relevant and applicable regulations, Grid Code notified by the CERC or (and) Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended and revised from time to time, or orders passed thereunder by the appropriate commission or CEA or STU.</p> <p>Subject to provisions of this Agreement, for the Contracted Capacity, all charges and losses for charging, storing of energy and offtake of power shall be to the account of the Buying Entity. However, any charges / losses (if any) as per extant regulations / guidelines which are to be borne by the BESSD shall be borne by the BESSD. Moreover, any penalty or cost like deviation settlement mechanism etc. upto delivery point which is not attributable to Buying Entity shall be borne by the BESSD. In case it is paid by NHPC on behalf of Buying Utilities / BESSD, the same shall be recovered from the Buying Utilities / BESSD (as applicable);</p>
<p>“Discom”</p>	<p>shall mean the Buying Entity i.e APDISCOMs who have signed/will sign the BESSA (s) with NHPC for purchase of Battery Energy Storage Capacity;</p>
<p>“Dispute”</p>	<p>shall mean any dispute or difference of any kind between NHPC and the BESSD, in connection with or arising out of this Agreement including but not limited to any issue on the interpretation and scope of the terms of this Agreement as provided in Article 16 of this Agreement;</p>
<p>"Due Date"</p>	<p>shall mean the forty-fifth (45<sup>th</sup>) day after a Monthly Bill (including all the relevant documents) or a Supplementary Bill is received in hard copy and duly acknowledged by the NHPC or, if such day is not a Business Day, the immediately succeeding Business Day, by which date such Monthly Bill or a Supplementary Bill is payable by the NHPC.</p>
<p>“Effective Date”</p>	<p>shall have the meaning ascribed thereto in Article 2.1 of this Agreement;</p>

“Electricity Laws”	shall mean the Electricity Act, 2003 and the rules and regulations made there under from time to time along with amendments thereto and replacements thereof and any other Law pertaining to electricity including regulations framed by the Appropriate Commission;
"Energy Accounts"	shall mean the state energy accounts as specified in the Grid Code issued by the appropriate agency for each Month (as per their prescribed methodology), including the revisions and amendments thereof or where such state energy accounts are not issued, Joint Meter Reading (JMR) will be considered;  NHPC reserves the right to choose from any of the above, i.e. JMR/SEA, based on the acceptance of the same by the Buying Entity;
“Event of Default”	shall mean the events as defined in Article 13 of this Agreement;
“Expiry Date”	Shall mean the date occurring as on twelve (12) years from the Scheduled Commissioning Date (SCD) or the date of full commissioning of the Project, whichever is later, subject to the condition that the storage capacity shall be made available to NHPC for a period upto 12 years from the Scheduled Commissioning Date (SCD) or the date of full commissioning of the Project, whichever is later, unless extended by the Parties as per this Agreement;
“Financial Closure”	shall mean compliance with the requirements under Article 3.1 of this Agreement;
“Financing Agreements”	shall mean the agreements pursuant to which the BESSD has sought financing for the Project including the loan agreements, security documents, notes, indentures, security agreements, letters of credit and other documents, as may be amended, modified, or replaced from time to time, but without in anyway increasing the liabilities of NHPC;
"Force Majeure" or “Force Majeure Event”	shall have the meaning ascribed thereto in Article 11 of this Agreement;
“Guidelines” or “Scheme”	shall mean the Guidelines for “Procurement and Utilization of Battery Energy Storage Systems as part of Generation, Transmission and Distribution assets, along with Ancillary Services” issued by the Ministry of Power vide Gazette Resolution dated 10 <sup>th</sup> March 2022, including subsequent amendments and clarifications, issued until the last date of bid submission of the referred RfS;
"Grid Code" / “IEGC” or “State Grid Code”	shall mean the Grid Code specified by the CERC under Clause (h) of Sub-section (1) of Section 79 of the Electricity Act, as amended from time to time, and/or the State Grid Code as specified by the concerned State Commission, referred under Clause (h) of Sub- section (1) of Section 86 of the Electricity Act 2003, as applicable;

“InSTS”	Shall mean the Intra-State Transmission System;
“ISTS”	shall mean the Inter-State Transmission System;
“Indian Governmental Instrumentality”	shall mean the Government of India, Governments of state(s)..... [Insert the name(s) of the state(s) in India, where the Power Project, NHPC and BESSD are located] and any ministry, department, board, authority, agency, corporation, commission under the direct or indirect control of Government of India or the above state Government(s) or both, any political sub-division of any of them; including any court or Appropriate Commission(s) or tribunal or judicial or quasi-judicial body in India;
“Insurances”	shall mean the insurance cover to be obtained and maintained by the BESSD in accordance with Article 8 of this Agreement;
"Interconnection Facilities"	shall mean the facilities on BESSD's side of the Delivery Point for scheduling, transmitting and metering the electrical output in accordance with this Agreement and which shall include, without limitation, all other transmission lines and associated equipment, transformers, relay and switching equipment and protective devices, safety equipment and RTU, Data Transfer and Acquisition facilities for transmitting data subject to Article 7, the Metering System required for supply of power as per the terms of this Agreement;
Intermediary agency Intermediary Procurer”	shall mean NHPC Limited;
“Invoice” or “Bill”	shall mean either a Monthly Bill / Supplementary Bill or a Monthly Invoice/ Supplementary Invoice raised by any of the Parties;
“Joint Control”	shall mean a situation where none of the promoter shareholders has more than 50% shareholding in the paid-up share capital and voting rights in the BESSD, and the control is exercised jointly;
“Late Payment Surcharge”	shall have the meaning ascribed thereto in Article 10.3.3 of this Agreement;
"Law"	shall mean in relation to this Agreement, all laws including Electricity Laws in force in India and any statute, ordinance, regulation, notification or code, rule, or any interpretation of any of them by an Indian Governmental Instrumentality and having force of law and shall further include without limitation all applicable rules, regulations, orders, notifications by an Indian Governmental Instrumentality pursuant to or under any of them and shall include without limitation all rules, regulations, decisions and orders of the Appropriate Commissions;
“Letter of Credit” or “L/C”	shall have the meaning ascribed thereto in Article 10.4 of this Agreement;

“MNRE”	shall mean the Ministry of New and Renewable Energy, Government of India;
“MoP”	shall mean the Ministry of Power, Government of India;
"Month"	shall mean a period of thirty (30) days from (and excluding) the date of the event, where applicable, else a calendar month;
“Monthly Availability”	For a particular Month, “Monthly Availability” shall be the average availability of the Contracted BESS capacity during that particular Month, calculated as per the RfS;
"Party" and "Parties"	shall have the meaning ascribed thereto in the recital to this Agreement;
“Payment on Order Instrument” or “POI”	shall mean the irrevocable unconditional letter of undertaking issued by either of the three institutions, viz., (i) Indian Renewable Development agency Limited (IREDA) or (ii) Power Finance Corporation Limited or (iii) REC Limited., as an alternative to submission of Performance Bank Guarantee by the BESSD to NHPC, issued in the form attached with the RfS;
“Payment Security Mechanism”	shall have the meaning ascribed thereto in Article 10.4 of this Agreement;
“Performance Bank Guarantee” or “PBG”	shall mean the irrevocable unconditional bank guarantee, submitted by the BESSD to NHPC in the form attached with the RfS;

“Preliminary Default Notice”	shall have the meaning ascribed thereto in Article 13 of this Agreement;
“Project Capacity”	Shall mean [Insert the capacity] __MW/____MWh [as per LoA] of BESS, which [Insert name of BESSD] is required to Build Own Operate and supply such Battery Energy Storage Capacity as per provisions of this Agreement read harmoniously with RfS Documents and LOA.
"Prudent Utility Practices"	shall mean the practices, methods and standards that are generally accepted internationally from time to time by electric utilities for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation and maintenance of Energy Storage System equipment and which practices, methods and standards shall be adjusted as necessary, to take account of: a) operation and maintenance guidelines recommended by the manufacturers of the plant and equipment to be installed / used for the Project Battery Energy Storage Project; b) the requirements of Indian Law; and the physical conditions at the site of the Project; c) Installation, Operation, Maintenance and Safety Guidelines / Rules / Regulations for BESS/ Projects / Power Projects issued by Central Government Instrumentality;
“RBI”	shall mean the Reserve Bank of India;

“Rebate”	shall have the same meaning as ascribed thereto in Article 10.3.4 of this Agreement;
"RLDC"	shall mean the relevant Regional Load Dispatch Centre established under Sub-section (1) of Section 27 of the Electricity Act, 2003;
“RPC”	shall mean the relevant Regional Power Committee established by the Government of India for a specific region in accordance with the Electricity Act, 2003 for facilitating integrated operation of the power system in that region;
"Rupees", "Rs.", “₹”	shall mean Indian rupees, the lawful currency of India;
“Scheduled Commissioning Date” or “SCD” of the Project	shall mean the maximum timeline for commissioning of Projects without any liquidated damages and shall be the date as on 18 months after the Effective Date of the BESPA [Insert Date];
“SERC”	shall mean the Electricity Regulatory Commission of any State in India constituted under Section-82 of the Electricity Act, 2003 or its successors, and includes a Joint Commission constituted under Subsection (1) of Section 83 of the Electricity Act 2003;
“SLDC”	shall mean the center established under Sub-section (1) of Section 31 of the Electricity Act 2003, relevant for the State(s) where the Delivery Point is located;
“SLDC Charges”	shall mean the charges levied by the SLDC of the state wherein the Project is located;
“NHPC”	shall mean NHPC Limited;
“State Transmission Utility” or “STU”	shall mean the Board or the Government company notified by the respective State Government under Sub-section (1) of Section 39 of the Act;
"Tariff" or “Applicable Tariff”	Shall have the same meaning as provided for in Article 9 of this Agreement;
"Tariff Payment"	shall mean the payments to be made under Monthly Bills as referred to in Article 10 and the relevant Supplementary Bills;
“Termination Notice”	shall mean the notice given by either Parties for termination of this Agreement in accordance with Article 13 of this Agreement;
"Term of Agreement"	shall have the meaning ascribed thereto in Article 2 of this Agreement;

“Unit/ Part Commissioning”	Subject to the compliance of conditions / procedure as detailed under Schedule-3 of this Agreement, Unit / Part Commissioning shall mean the Energy Storage Power Capacity (AC MW/ AC MWh) to be commissioned as per provisions of this Agreement and RfS document. Subject to other applicable provisions, the minimum part commissioning capacity for the 1st part will be 50% of the project capacity at each location. The total number of instalments in which a Project can be commissioned will not be more than 3, i.e., 1st initial instalment of 50% of the project capacity as the case may be and 2 subsequent instalments.;
“Unit Commercial Operation Date (UCOD)”	shall mean the date of the next day of commissioning of the respective part(s) of the Battery Energy Storage Project subsequent to the demonstration of the compliance of commissioning as per this Agreement and witnessed by the Committee (as applicable) duly constituted and also start of injection / drawl and scheduling of power from the BESS at the Delivery Point and availability / installation of all necessary arrangements / equipment including RTU for scheduling of power generated from the Project and transmission of data to the concerned authority as per applicable regulation;
“Week”	shall mean a calendar week commencing from 00:00 hours of Monday, and ending at 24:00 hours of the following Sunday

## **1.1 Interpretation**

Save where the contrary is indicated, any reference in this Agreement to:

- 1.1.1 “Agreement” shall be construed as including a reference to its Schedules and/or Appendices and/or Annexures;
- 1.1.2 An “Article”, a “Recital”, a “Schedule” and a “paragraph / clause” shall be construed as a reference to an Article, a Recital, a Schedule and a paragraph/clause respectively of this Agreement;
- 1.1.3 A “crore” means a reference to ten million (10,000,000) and a “lakh” means a reference to one tenth of a million (1,00,000);
- 1.1.4 An “encumbrance” shall be construed as a reference to a mortgage, charge, pledge, lien or other encumbrance securing any obligation of any person or any other type of preferential arrangement (including, without limitation, title transfer and retention arrangements) having a similar effect;
- 1.1.5 “Indebtedness” shall be construed so as to include any obligation (whether incurred as principal or surety) for the payment or repayment of money, whether present or future, actual or contingent;
- 1.1.6 A “person” shall be construed as a reference to any person, firm, company, corporation, society, trust, government, state or agency of a state or any association or partnership (whether or not having separate legal personality) of two or more of the above and a person shall be construed as including a reference to its successors, permitted transferees and permitted assigns in accordance with their respective interests;
- 1.1.7 “Rupee”, “Rupees”, “Rs” or new rupee symbol “₹” shall denote Indian Rupees, the lawful currency of India;
- 1.1.8 The “Winding-up”, “dissolution”, “insolvency”, or “reorganization” of a company or corporation shall be construed so as to include any equivalent or analogous proceedings under the Law of the jurisdiction in which such company or corporation is incorporated or any jurisdiction in which such company or corporation carries on business including the seeking of liquidation, Winding-up, reorganization, dissolution, arrangement, protection or relief of debtors;
- 1.1.9 Words importing the singular shall include the plural and vice versa;
- 1.1.10 This Agreement itself or any other agreement or document shall be construed as a reference to this or to such other agreement or document as it may have



been, or may from time to time be, amended, varied, novated, replaced or supplemented;

1.1.11 A Law shall be construed as a reference to such Law including its amendments or re-enactments from time to time;

1.1.12 A time of day shall, save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time;

1.1.13 Different parts of this Agreement are to be taken as mutually explanatory and supplementary to each other and if there is any inconsistency between or among the parts of this Agreement, they shall be interpreted in a harmonious manner so as to give effect to each part;

1.1.14 The tables of contents and any headings or sub-headings in this Agreement have been inserted for ease of reference only and shall not affect the interpretation of this Agreement;

1.1.15 All interest, if applicable and payable under this Agreement, shall accrue from day to day and be calculated on the basis of a year of three hundred and sixty-five (365) days;

1.1.16 The words “hereof” or “herein”, if and when used in this Agreement shall mean a reference to this Agreement;

1.1.17 The terms “including” or “including without limitation” shall mean that any list of examples following such term shall in no way restrict or limit the generality of the word or provision in respect of which such examples are provided;

1.1.18 This Agreement and other documents such as Request for Selection Documents, Guidelines including subsequent clarifications, amendments and further clarifications in regard to the tender shall be read in conjunction with each other and interpreted in harmonious manner. However, in case of any mismatch/contradiction between provisions of different documents, following shall be the order of precedence:

1. Battery Energy Storage Purchase Agreement / Battery Energy Storage Sale Agreement
2. RfS Document & Letter of Award



## **ARTICLE 2: TERM OF AGREEMENT**

### **2.1 Effective Date**

- 2.1.1 This Agreement shall come into effect from the date of signing by both parties and such date shall be referred to as the Effective Date.
- 2.1.2 The Parties agree that decisions pertaining to adoption of the Tariff and approval of the same, for procurement of Contracted Capacity, shall be binding on all Parties concerned, as contained in the Electricity Act, 2003 and any amendments thereof.
- 2.1.3 Notwithstanding the Effective Date, the condition precedent for the enforcement of the obligations of either party against the other under this Agreement shall be that, within 120 days after the Effective Date of the BESPA, NHPC and/or the Buying Entity shall obtain adoption of tariff from Appropriate Commission, on the terms and conditions contained in this Agreement read with the terms and conditions contained in the BESSA entered into between NHPC and the Buying Entity. The Parties agree that in the event, the order of adoption of tariff as mentioned above is not issued by the Appropriate Commission within the time specified above, the provisions of Article 2.1.4 shall apply.
- 2.1.4 In case the order from the Appropriate Commission is issued within the timeline as per Article 2.1.3, no extension for Financial Closure or Scheduled Commissioning Date shall be given. However, if the requisite Appropriate Commission order is issued after the timeline as per Article 2.1.3, this shall entail a corresponding extension in Scheduled Financial Closure and the Scheduled Commissioning Date for equal number of days for which the Appropriate Commission order has been delayed beyond such period as specified in Article 2.1.3.

### **2.2 Term of Agreement**

- 2.2.1 Subject to Article 2.3 and 2.4 of this Agreement, this Agreement shall be valid for a term from the Effective Date until the Expiry Date. This Agreement may be extended for a further period upon mutually agreed terms and conditions between the BESSD and the BIA.

2.2.2 The BESSD is free to operate their plants beyond the Expiry Date if other conditions like land lease / Right to Use of Land (as applicable), permits, approvals and clearances etc. allow. In such case unless otherwise agreed by the NHPC/Buying Entity, NHPC/Buying Entity (as the case may be) shall not be obligated to procure power beyond the Expiry Date.

### **2.3 Early Termination**

2.3.1 This Agreement shall terminate before the Expiry Date if either NHPC or BESSD terminates the Agreement, pursuant to Article 13 of this Agreement.

### **2.4 Survival**

2.4.1 The expiry or termination of this Agreement shall not affect any accrued rights, obligations and liabilities of the Parties under this Agreement, including the right to receive penalty as per the terms of this Agreement, nor shall it affect the survival of any continuing obligations for which this Agreement provides, either expressly or by necessary implication, which are to survive after the Expiry Date or termination including those under Article 11 (Force Majeure), Article 13 (Events of Default and Termination), Article 14 (Liability and Indemnification), Article 16 (Governing Law and Dispute Resolution), Article 17 (Miscellaneous Provisions), and other Articles and Schedules of this Agreement which expressly or by their nature survive the Term or termination of this Agreement shall continue and survive any expiry or termination of this Agreement.

## **ARTICLE 3: CONDITIONS SUBSEQUENT**

### **3.1 Satisfaction of conditions subsequent by the BESSD**

The BESSD agrees and undertakes to duly perform and complete all of the following activities at its own cost and risk unless such completion is affected by any Force Majeure event, or for the activities specifically waived off in writing by NHPC:

- (i) BESSD shall sign lease/Right-to-Use/ Right of Use (ROU) Agreement with NREDCAP/APTRANSCO in addition to signing of BESPA. The land area will be given to the BESSD by NREDCAP/APTRANSCO on lease/Right of Use (ROU) within 60 days from the signing of the BESPA

as per provisions of RfS.

- (ii) BESSD's own cost and risk by.....[Enter the date as on Six (6) Months prior to SCD], BESSD shall make Project financing arrangements (i.e. arrangement of necessary funds by the Battery Energy Storage System Developer towards 100 % project cost either by way of commitment of funds by the Company from its internal resources (by a resolution passed by the Board of Directors) and/or tie up of funds through a bank/financial institution by way of sanction of a loan or firm commitment letter agreeing to finance) for Projects(s) and shall provide necessary certificates to NHPC in this regard;
- (iii) Detailed Project Report (DPR) of the Project, detailing out project configuration and proposed commissioning schedule of the Project.
- (iv) The BESSD shall also submit to NHPC the relevant documents as stated above, complying with the Conditions Subsequent, within Six (6) months prior to SCD.
- (v) The BESSD will have to submit the required documents to NHPC at least 14 days prior to the scheduled Financial Closure date. In case of delay in submission of documents mentioned above, NHPC shall not be liable for delay in verification of documents and subsequent delay in Financial Closure.

### **3.2 Consequences of non-fulfilment of conditions subsequent and financial closure**

3.2.1 In case of a failure to submit the documents as above, NHPC shall encash the Performance Bank Guarantee/Payment on Order Instrument / Insurance surety bond submitted by the BESSD, terminate this Agreement and remove the Project from the list of the selected Projects by giving a notice to the BESSD in writing of at least seven (7) days, unless the delay (subject to the condition that BESSD has made/ is making all possible efforts) is on account of delay in allotment of Land by the Government not owing to any action or inaction on the part of the BESSD or caused due to a Force Majeure. Unless extended as per provisions of Article 3.2.1 (i) of this Agreement in writing, the termination of the Agreement shall take effect upon the expiry of the 7th day of the above notice.

3.2.1 (i) An extension, without any impact on the Scheduled Commissioning Date, can however be considered, on the sole request of BESSD, on payment of Rs. 1000/-

per day per MW + 18% GST to NHPC. Such extension charges are required to be paid to NHPC in advance, for the period of extension required. In case of any delay in depositing this extension charge, BESSD shall pay an interest on this extension charge for the days lapsed beyond due date of Financial Closure @ SBI-MCLR (1Year). In case such delay in making payment of the extension charges to NHPC is more than 7 days, the termination of the Agreement shall take effect upon the expiry of such 7<sup>th</sup> day. This amount will go into the Payment Security Mechanism. In case of the BESSD meeting the requirements of conditions subsequent and financial closure before the last date of such proposed delay period, the remaining amount deposited by the BESSD shall be returned by NHPC without interest. This extension will not have any impact on the Scheduled Commissioning Date. Any extension charges paid so by the BESSD, shall be returned to the BESSD without any interest on achievement of successful commissioning within the Scheduled Commissioning Date, on pro-rata basis, based on the project capacity commissioned as on Scheduled Commissioned Date. However, in case the BESSD fails to commission the Contract Capacity by Scheduled Commissioning Date, the extension charges deposited by the BESSD shall not be refunded by NHPC.

- 3.2.2 For the avoidance of doubt, it is clarified that this Article shall survive the termination of this Agreement.
- 3.2.3 In case of inability of the BESSD to fulfil the conditions specified in Article 3.1 due to any Force Majeure event, the time period for fulfilment of the Conditions Subsequent and Financial Closure as mentioned in Article 3.1, shall be extended for the period of such Force Majeure event. Further, any delay in adoption of tariff by the Appropriate Commission, beyond 120 (one hundred twenty days) days after the Effective Date of this Agreement, shall entail a corresponding extension in the deadline as stipulated in Article 3.1.
- 3.2.4 Provided that due to the provisions of this Article 3.2.3, any increase in the time period for completion of conditions subsequent and financial closure mentioned under Article 3.1, shall also lead to an equal extension in the Scheduled Commissioning Date.

### **3.3 Performance Bank Guarantee/ Payment on Order Instrument**

- 3.3.1 The Performance Bank Guarantee (PBG)/Payment on Order Instrument (POI) / Insurance surety bond having validity from the date of submission of PBG/ POI /

Insurance surety bond until 9 months after the SCD submitted for a value of ..... **Lakh/MWh** (being a genuine pre-estimate as agreed by the Parties) to be furnished under this Agreement shall be for guaranteeing the commencement of the supply (injection / drawl) of power / energy up to the Project Capacity within the time specified in this Agreement.

- 3.3.2 The failure on the part of the BESSD to furnish and maintain the Performance Bank Guarantee/ POI / Insurance surety bond shall be a material breach of the term of this Agreement on the part of the BESSD.
- 3.3.3 If the BESSD fails to commence supply of power from the Scheduled Commissioning Date specified in this Agreement or any further extension thereof granted by NHPC, subject to conditions mentioned in Article 4.5, NHPC shall encash the Performance Bank Guarantee/ POI / Insurance surety bond equivalent to the amount calculated as per liquidated damages applicable under Article 4.6 as on the date of encashment without prejudice to the other rights of NHPC under this Agreement. It is to be noted that the damages/dues recovered by NHPC by encashing the PBG/ POI/ Insurance surety bond, upon the default of the BESSD under the BESPA, shall be credited to the payment security fund maintained by NHPC or as per the mechanism to be notified by MOP/MNRE.

#### **3.4 Return of Performance Bank Guarantee/ Payment on Order Instrument**

- 3.4.1 Subject to Article 3.3, NHPC shall return / release the Performance Bank Guarantee/ Payment on Order Instrument / Insurance surety bond within 45 days after the successful Commissioning of the Project after taking into account any liquidated damages / penalties due to delays in commissioning as per provisions stipulated in this Agreement.
- 3.4.2 The return / release of the Performance Bank Guarantee/ Payment on Order Instrument / Insurance surety bond shall be without prejudice to other rights of NHPC under this Agreement.

### **ARTICLE 4: CONSTRUCTION & DEVELOPMENT OF THE PROJECT**

#### **4.1 BESSD's Obligations**

- 4.1.1 The BESSD undertakes to be responsible, at BESSD's own cost and risk, for the

following:

- a) The BESSD shall be solely responsible and demonstrate possession of 100% (Hundred Percent) of the land identified for the Project in its name for a period not less than the complete Term of this Agreement on or before Schedule Commissioning Date. In this regard, the BESSD shall submit documents/ Lease Agreement to establish possession/ right to use 100% of the required land in the name of the BESSD. The BESSD shall submit a sworn affidavit from the authorized signatory of the BESSD listing the details of the land and certifying that total land required for the Project is under clear possession of the BESSD;
- b) The BESSD shall be solely responsible and make arrangements for associated infrastructure for development of the Project and for Connectivity with the STU till Delivery Point for confirming the evacuation of power by the Scheduled Commissioning date and all clearances related thereto. Connectivity has been assured to be provided to the BESSD, and necessary applications in this regard, will be required to be made by the BESSD. All the requisite costs associated including fees with obtaining connectivity shall be borne by the BESSD.
- c) Obtaining solely at its cost and responsibility all Consents, Clearances and Permits as required and maintaining all Consents, Clearances and Permits in full force and effect during the Term of this Agreement. NHPC shall have no obligation to recommend to any department/agency or the Govt. for the grant/permission for the Project. The BESSD shall, on his own, obtain permissions/ sanctions from Government authorities, if any required for establishing and operating (including for Charging and Discharging from BESS) the project. Any steps that may be taken by NHPC in regard to grant of such consents and permits or any other approval to be taken by the BESSD shall only be a voluntary endeavour with no intention of being bound by any legal or binding obligation.
- d) Designing, constructing, erecting, commissioning, completing and testing the Project in accordance with the applicable Law, the Grid Code, the terms and conditions of this Agreement and Prudent Utility Practices.
- e) The commencement of charging & discharging of power / energy up to the Contracted Capacity to NHPC not later than the Scheduled Commissioning Date and continuance of the charging & discharging of power throughout the term of the Agreement;

- f) Connecting the Project switchyard with the Interconnection Facilities at the Delivery Point; The BESSD shall make adequate arrangements (including construction of requisite bays) to connect the Project switchyard with the Interconnection Facilities at Interconnection / Metering / Delivery Point.
- g) Owning the Project throughout the Term of Agreement free and clear of encumbrances, except those expressly permitted under Article 15.
- h) Maintaining its shareholding pattern as per provisions of the RfS Document.
- i) Fulfilling all other obligations required to be undertaken by the BESSD under this Agreement for development of Project in Build, Own, Operate basis and supply of BESS Capacity during Term of this Agreement and as per provisions of this Agreement, RfS and LOA.
- j) The BESSD shall be responsible to for directly coordinating and dealing with the APDISCOMs (Buying Utility) Load Dispatch Centres, STU, Regional Power Committees, and other authorities in all respects in regard to declaration of availability, scheduling and dispatch of Stored Energy Capacity and due compliance with deviation and settlement mechanism and the applicable Grid code/State/Central Regulations, acknowledging that the BESSD and APDISCOMs are the Grid connected entities and NHPC as an Intermediary Procurer/ trading licensee is not a Grid connected entity in respect of the Battery Energy Storage Capacity contracted under this Agreement.
- k) The BESSD shall fulfil the technical requirements according to criteria mentioned under **Annexure 1**–Technical requirement for Project under the Guidelines and RfS.
- l) Further, the Project being implemented under this Agreement shall fulfil the criteria as per Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007, and subsequent amendments and clarifications thereof,
- m) As part of scheduling of power / energy from / to the Project for discharging / charging, the BESSD will be required to punch-in their respective schedules and subsequent revisions, by themselves, at the interfaces of SLDC concerned for the corridor of power flow, as per the Regulations in force, under intimation to NHPC and in consultation with APDISCOMs /Buying Entity. NHPC may facilitate in identification of any discrepancy and assist the BESSD for its early rectification without any liability on NHPC. The BESSD shall be solely



responsible for discrepancy identification and its rectification to avoid any rejection/less payment of invoices / penalty.

- n) Making a payment of Rs. \_\_\_\_\_[Insert amount @ Rs 5 Lakhs / MWh] to the designated account as intimated by the NHPC towards Payment Security Fund as per clause 3.13 of the RfS, which states that, “Prior to declaration of commissioning of first part capacity of the Project, the BESSD shall furnish a @Rs. 5,00,000/MWh (Rupees Five Lakhs/MWh) to NHPC through DD/NEFT/RTGS. This fund shall form part of the Payment Security Fund maintained by NHPC for the Projects. Modalities of operationalization of the Payment Security Deposit will be notified by NHPC at appropriate stage based on the guidelines/orders issued by MOP/MNRE time to time. The above amount shall be credited to NHPC pro-rata to the part capacity being commissioned at that stage.”
- o) After signing of BESPA, the BESSD shall apply for drawl NOC(s) from the STU as per the power mapping provided by APDISCOMs.
- p) BESSD will have to comply with the Charging and Discharging Schedule as intimated by SLDC/ APDISCOMs. Frequent deviations from schedule by BESSD on account of commercial gain shall be considered under the material breach of this agreement.
- q) For the Project being implemented under this Agreement, the BESSD shall submit a detailed completion Schedule for the Project prior to the signing of BESPA. Broad details to be captured in the Schedule are the land procurement, grid connectivity; order, supply and erection status of various Project components; financial arrangement/ tie up etc. The BESSD shall also submit the progress report to NHPC in a form acceptable to NHPC and shall contain percentage completion achieved compared with the planned percentage completion for each activity, and any such other information as required by NHPC. The BESSD shall be required to submit the progress status of Project to NHPC as and when requested by NHPC, strictly within the timelines provided by NHPC. Further, on 5th day of every calendar month, the BESSD shall be required to submit the Project progress status by Buying Entity. In case of failure to comply with the same, NHPC at its discretion, may or may not consider the SCD extension request of the BESSD, if any.
- r) After completion of BESPA tenure of 12 Years (or as mutually extended) or early termination or any other reason specified in agreement, BESSD shall clear the land provided by the NREDCAP/APTRANSCO on lease basis. All



the infrastructure developed by BESSD needs to be cleared at the time of handing over the land to NREDCAP/APTRANSCO and such expenses shall be borne by BESSD.

#### **4.2 Information regarding Interconnection Facilities**

- 4.2.1 The BESSD shall be required to obtain all information from the STU /concerned authority with regard to the Interconnection Facilities as is reasonably necessary to enable it to design, install and operate all interconnection facilities on the BESSD's side of the Delivery Point to enable injection/ drawl of electricity at the Delivery Point. The transmission of power / energy to / from up to the point of interconnection where the metering is done for energy accounting shall be the responsibility of the BESSD at its own cost.
- 4.2.2 Penalties, fines and charges imposed by the STU/ APDISCOMs under any statute or regulation in relation to delay in commissioning of Project shall be payable by the BESSD to the extent the delay is attributable to the BESSD.
- 4.2.3 The responsibility of getting connectivity with the transmission system up to the Interconnection Point, will lie with the BESSD. The transmission of power up to the point of interconnection where the metering is done for energy accounting shall be the responsibility of the BESSD at its own cost. The maintenance of Transmission system up to the designated point as per the applicable terms and conditions shall be the responsibility of the BESSD. All costs, charges and losses up to and including at the Interconnection Point associated with this arrangement will also be borne by the BESSD.
- 4.2.4 The arrangement of connectivity shall be made by the BESSD through a transmission line, if applicable. The entire cost of transmission including cost of construction of line, any other charges, losses etc. from the Project up to the Interconnection Point will be borne by the BESSD.
- 4.2.5 Treatment of STU Charges (if any)/losses shall be as per the extant regulation / orders / guidelines.
- 4.2.6 Following studies may be conducted (not limited to below) by BESS Developer(s) as per requirements of STU:
- i. Harmonic studies considering network and BESS system along with flicker studies
  - ii. Transient and dynamic studies

- iii. Small signal stability studies
- iv. Sub-Synchronous Oscillations/ Sub-Synchronous Resonance / Sub-Synchronous Torsional Interaction studies
- v. Sub-synchronous control interactions studies between different converter based equipment.
- vi. Any other studies stipulated by STU.

4.2.7 In addition, BESS system shall need comply to requirements/performance parameters stipulated in Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007 and its amendments.

4.2.8 Communication Equipment Requirement at BESS end shall be as per stipulations of STU.

**4.2.9 Communication Equipment Requirement at STU end shall be as per stipulations of STU:**

BESSD will provide communication equipment's as per Regulations on Communication System for transmission of electricity and other Regulations/Procedures (as amended from time to time) issued by Appropriate Commissions and Central Electricity Authority (CEA).

#### **4.3 Purchase and sale of Contracted Capacity**

4.3.1 Subject to the terms and conditions of this Agreement, the BESSD undertakes to sell to NHPC for onward sale to APDISCOMs /Buying Entity under BESSA and NHPC undertakes to pay Applicable Tariff as per this Agreement for the Battery Energy Storage Capacity upto the Contracted Capacity at the Delivery Point.

#### **4.4 Right to Contracted Capacity**

4.4.1 NHPC, in any Contract Year, shall not be obliged to off-take any capacity beyond / over and above Contracted Capacity.

Moreover, during a day in any Contract year, BESSD shall not be asked as well as BESSD shall not be allowed to schedule for more than 2 Cycles / day. For the purpose of this Agreement, Cycle shall mean charging of the BESS upto the Contracted capacity followed by discharge of such stored energy. Discharging from the BESS is not allowed between 10:00 AM and 5:00 PM of each day. The BESSD shall not use the Contracted Capacity for any purpose other than that specified in this Agreement.

For example, for a Contracted Capacity of 125 MW, the BESPA shall entitle the off-taker to schedule discharge upto 250 MWh of energy from the BESS in a cycle, subject to the following:

- i. The Buying Entity will schedule charging of the BESS with equal amount of energy plus energy expected to be lost as conversion losses (determined from the guaranteed Round-Trip Efficiency (RtE) of the system). Illustration: For a Contracted Capacity of 125 MW/250 MWh, assuming an RtE of 85%, Buying entity shall supply charging power to the tune of 294.18 MWh, to expect a discharge of 250 MWh as per the desired schedule. In this case, the BESSD shall also maintain the BESS capacity to the tune of 294.18 MWh to absorb the supplied charging power.
- ii. Energy scheduled for discharge in a given cycle during a year shall be more than or equal to the Min. Dispatchable Energy Capacity at the End of Year as specified under Article 4.4.2.(c). Discharging from the BESS is not allowed between 10:00 AM and 5:00 PM of each day.  
For example, during the 3rd Year after COD, the energy scheduled for discharge from 125 MW/ 250 MWh capacity shall be more than or equal to  $125 \times 0.925 \times 2 = 231.25 \text{ MWh}$ .
- iii. APDISCOMs shall provide the charging energy factoring the RtE, as per specified RtE in RfS.

4.4.2 Subsequent to commissioning of the Project, for any Contract Year, the BESSD shall be required to maintain and demonstrate the following performance parameters:

- a) **Minimum Monthly Average Availability of 95%:** During any Month for the Contracted Capacity, BESSD shall be required to maintain minimum Monthly average availability of 95%. Monthly Average Availability shall be calculated as per methodology given in the RfS.

In case of shortfall in meeting the above criteria, the BESSD shall be levied liquidated damages for such shortfall and shall duly pay such damages to NHPC to enable NHPC to remit the amount to APDISCOMs / Buying Entity under BESSA. Amount of such liquidated damages shall be twice the Capacity Charges (Capacity Charges shall mean Applicable Tariff as defined under Article 9 of the BESPA) for the capacity not made available.

The Minimum Monthly Average Availability as specified above, shall however be relaxable by NHPC to the extent of grid non-availability for evacuation which is

beyond the control of the BESSD (as certified by the SLDC/RLDC) and / or upon occurrence of Force Majeure event as identified in BESPA (and occurrence of such Force Majeure event(s) has been mutually agreed) and affecting availability and supply of Contracted Capacity.

**Round Trip Efficiency:** The BESSD shall maintain AC to AC roundtrip efficiency (RtE) of system on a monthly basis. Calculation of Round-Trip Efficiency shall be as per the methodology specified in RfS.

The BESSD shall be liable for liquidated damages, if any, as per following criteria:

- (i) For  $70\% \leq \text{RtE} < 85\%$  there shall be a liquidated damage levied @ APPC charge of previous financial year of APDISCOMs levied upon excess conversion losses considering system  $\text{RtE} = 85\%$
  - (ii) For  $\text{RtE} < 70\%$ , there shall be a liquidated damage levied @1.5 times APPC charge of previous financial year of the APDISCOMs upon the excess conversion losses considering system  $\text{RtE} = 85\%$ .
  - (iii) For  $\text{RtE} > 85\%$ , there shall be incentive @Rs. 0.50 per unit of excess discharge of energy considering system  $\text{RtE} = 85\%$
- b) Taking into consideration capacity degradation, the minimum dispatchable capacity to be made available by the BESSD at the end of a given year shall be as follows:

Year	Min. Dispatchable Capacity at the end of Year (as a % of Capacity at the Beginning of Life/CSD)
1	97.5%
2	95.0%
3	92.5%
4	90.0%
5	87.5%
6	85.0%
7	82.5%
8	80.0%
9	77.5%
10	75.0%
11	72.5%
12	70.0%

c) Performance criteria to be demonstrated by the Project have been detailed out in **Schedule-B** of this Agreement.

#### **4.4.3 Shortfall in meeting Performance Criteria**

Following provisions shall be applicable on the Contracted Capacity guaranteed to be offtaken by NHPC:

Subsequent to COD of full Project Capacity, in case the Monthly Availability demonstrated by the BESSD is less than the minimum as specified above, such shortfall in performance shall make the BESSD liable to pay the liquidated damages provided in the BESSA as payable by NHPC to Buying Entity and shall duly pay such damages to NHPC to enable NHPC to remit the amount to Buying Entity.

Liquidated damages on account of shortfall in meeting the minimum Availability criteria as per Article 4.4.2 (a) will be computed as follows:

**Liquidated damages** =  $(A - B) \times C \times D \times 2$  where,

A is Guaranteed Monthly Availability as per Article 4.4.2 (a) above;

B is Actual Monthly System Availability, as calculated as per Schedule-B of this Agreement;

C is Contracted Capacity;

D is Tariff / Capacity Charges/MW/month as discovered through bidding process;

In case the BESSD fails to meet the monthly RtE demonstration as per Article 4.4.2 (b), additional Liquidated Damages for the unavailability of the required minimum RtE shall be applicable for the entire month.

For avoidance of any doubt, liquidated damages as specified above are mutually exclusive and independent, therefore, in case of levying of liquidated damages against Monthly Average Availability and Round-Trip Efficiency, both damages shall be payable by the BESSD. Illustrations regarding calculation of liquidated damages are provided at **Schedule-2** of this Agreement.

#### **4.5 Extensions of Time**

4.5.1 In the event that the BESSD is prevented from performing its obligations under Article 4.1 by the Scheduled Commissioning Date due to:

- a) any NHPC Event of Default; or
- b) Force Majeure Events affecting NHPC/ Buying Entity, or
- c) Force Majeure Events affecting the BESSD,

the Scheduled Commissioning Date and the Expiry Date shall be deferred for a reasonable period but not less than 'day for day' basis, to permit the BESSD or NHPC/ Buying Entity through the use of due diligence, to overcome the effects of the Force Majeure Events affecting the BESSD or NHPC/Buying Entity, or till such time such Event of Default is rectified by NHPC.

4.5.2 Any delay beyond 120 days from the Effective Date of BESPA in issuance of Order for the adoption of tariff by Appropriate Commission, shall entail a corresponding extension in Scheduled Financial Closure and the Scheduled Commissioning Date for equal number of days for which the Appropriate Commission order has been delayed beyond such period of 120 days from the Effective Date of BESPA.

4.5.3 In case of extension due to reasons specified in Article 4.5.1(b) and (c), and if such Force Majeure Event continues even after a maximum period of 180 days from the date of the Force Majeure Notice, any of the Parties may choose to terminate the Agreement as per the provisions of Article 11.10. In case neither party terminates the Agreement under this clause, the Agreement shall stand terminated on the expiry of twelve (12) months of the continuation of the Force Majeure event unless the parties mutually agree to extend the Agreement for the further period.

4.5.4 If the Parties have not agreed within thirty (30) days after the affected Party's performance has ceased to be affected by the relevant circumstance, on the time period by which the SCD or the Expiry Date should be deferred, either Party may raise the Dispute to be resolved in accordance with Article 16.

4.5.5 As a result of such extension on account of Article 4.5.1 or Article 4.5.2, the newly determined Scheduled Commissioning Date and newly determined Expiry Date shall be deemed to be the Scheduled Commissioning Date and the Expiry Date for the purposes of this Agreement.

4.5.6 Subsequent to grant of connectivity, in case there is a delay in readiness of the

STU substation at the Delivery Point, including readiness of the power evacuation and transmission infrastructure of the STU network until SCD of the Project, or delay in grant/operationalization of Grid Access, and it is established that:

- i. The BESSD has complied with the complete application formalities as per Article 4.2.4 of this Agreement,
- ii. The BESSD has adhered to the applicable Regulations/Procedures in this regard as notified by the SERC/STU, and
- iii. The delay in grant of connectivity by the STU and/or delay in readiness of the InSTS substation at the Delivery Point, including readiness of the power evacuation and transmission infrastructure of the InSTS network, is a factor attributable to the STU/transmission licensee and is beyond the control of the BESSD;

The above shall be treated as delays beyond the control of the BESSD and SCD for such Projects shall be revised as the date as on 30 days subsequent to the readiness of the Delivery Point and power evacuation infrastructure and/or operationalization of the Grid Access. Decision on requisite extension on account of the above factor shall be taken by NHPC. In case of change in Project location by the BESSD, extension requests under this Article shall be dealt by NHPC on case-to-case basis. In case of delay in commissioning of Project due to reasons beyond the reasonable control of the BESSD, NHPC may extend the SCD after examining the issue on a case-to-case basis.

- 4.5.7 Delay in commissioning of the project beyond the scheduled commissioning date for reasons other than those specified in Article 4.5.1 & Article 4.5.2 shall be an event of default on part of the BESSD and shall be subject to the consequences specified in the Article 4.6.

#### **4.6 Liquidated Damages not amounting to penalty for delay in Commissioning**

- 4.6.1 The Project shall be fully commissioned within the Scheduled Commissioning Date as defined in this Agreement. If the BESSD is unable to commission the Project by the Scheduled Commissioning Date for the reasons other than those specified in Article 4.5.1 & Article 4.5.2, the BESSD shall pay to NHPC, damages for the delay in such commissioning and making the Contracted Capacity available for dispatch by the Scheduled Commissioning Date as per the following:

- (a) **For Delay in Commissioning up to 6 (six) months from the SCD or the extended SCD (if applicable):** For such case, as part of the liquidated



damages, the total PBG/POI/Insurance surety bond amount for the Project shall be encashed on per-day basis and proportionate to the balance capacity not commissioned. For the purpose of calculations of the liquidated damages, 'month' shall be considered consisting of 30 days. As an alternative to the above encashment of PBG/POI/Insurance surety bond, the BESSD may choose to make a payment of the amount corresponding to the liquidated damages, directly to NHPC. The BESSD shall intimate to NHPC, its chosen alternative out of the two options, within 10 business days of intimation of the liquidated damages to the BESSD, as calculated by NHPC. In case no response is received from the BESSD until the lapse of the above deadline, NHPC shall encash the PBG/POI/ Insurance surety bond for the amount as per the liquidated damages. In case the BESSD chooses to make necessary payments in lieu of the liquidated damages, the said payment shall be credited to NHPC's account through NEFT payment, not later than 5 business days from the above intimation by the BESSD. In case of non-payment by the BESSD within the above deadline, the PBG will be encashed by NHPC on the next business day.

- (b) **For Delay in Commissioning beyond 6 (six) months from the SCD or the extended SCD (if applicable):** The BESPA capacity shall stand reduced/amended to the Project Capacity commissioned, the entire PBG/POI/ Insurance surety bond will be encashed by NHPC, and the BESPA for the Project shall stand terminated for the balance un-commissioned capacity. Accordingly, Contracted Capacity will also stand reduced to Project Capacity commissioned as of six months from the SCD.
- (c) For avoidance of doubt it is clarified that provisions of Article 4.6.1 will be applicable even in cases where no capacity (**i.e. 0 MW**) is commissioned.

4.6.2 Not Used.

4.6.3 The BESSD further acknowledges and accepts that the amount of the liquidated damages as specified above is a fixed, genuine and reasonable pre-estimate of the damages that may be suffered by NHPC/ Buying entity.

#### **4.7 Acceptance/Performance Test**

4.7.1 Prior to synchronization of the Project, the BESSD shall be required to get the Project certified for the requisite test including for safety as may be laid down by Central Electricity Authority or an agency identified by the State government to carry out testing and certification for the Battery Energy Storage projects. Further, BESSD shall ensure that all technical, acceptance and performance criteria as specified in RfS Documents and Guidelines are also complied and maintained.



#### **4.8 Third Party Verification**

- 4.8.1 The BESSD shall be further required to provide entry to the site of the Project free of all encumbrances at all times during the Term of the Agreement to NHPC (or its authorized representatives) and a third Party nominated by any Indian Governmental Instrumentality for inspection and verification of the works being carried out by the BESSD at the site of the Project. The BESSD shall provide full support to NHPC and/or the third party in this regard.
- 4.8.2 The third party may verify the construction works/operation of the Project being carried out by the BESSD and if it is found that the construction works/operation of the Project is not as per the Prudent Utility Practices, it may seek clarifications from BESSD or require the works to be stopped or to comply with the instructions of such third party.

#### **4.9 Breach of Obligations**

- 4.9.1 The Parties herein agree that during the subsistence of this Agreement, subject to NHPC being in compliance of its obligations & undertakings under this Agreement, the BESSD would have no right to negotiate or enter into any dialogue with any third party for the sale of Contracted Capacity which is the subject matter of this Agreement. It is the specific understanding between the Parties that such bar will apply throughout the entire term of this Agreement.

### **ARTICLE 5: SYNCHRONISATION, COMMISSIONING AND COMMERCIAL OPERATION**

#### **5.1 Synchronization, Commissioning and Commercial Operation**

- 5.1.1 The BESSD shall give the concerned SLDC, NHPC and APDISCOMs / Buying Entity at least sixty (60) days' advanced preliminary written notice and at least thirty (30) days' advanced final written notice, of the date on which it intends to synchronize the Project to the Grid System.
- 5.1.2 Subject to Article 5.1.1, the Project may be synchronized by the BESSD to the Grid System when it meets all the connection conditions prescribed in applicable Grid Code then in effect and otherwise meets all other Indian legal requirements for synchronization to the Grid System.
- 5.1.3 The synchronization equipment and all necessary arrangements / equipment including RTU / any other equipment for charge and discharge of power from

the Project and transmission of data to the concerned authority as per applicable regulation shall be installed by the BESSD at its facility of the Project at its own cost. The BESSD shall synchronize its system with the Grid System only after the approval of synchronization scheme is granted by the head of the concerned substation/Grid System and checking/verification is made by the concerned authorities of the Grid System.

- 5.1.4 The BESSD shall immediately after each synchronization/tripping of system, inform the sub-station of the Grid System to which the Project is electrically connected in accordance with applicable Grid Code under intimation to NHPC and the buying entity. In addition, the BESSD at its own risk and cost, will be required to arrange for the charging and discharging of power for carrying out operational/ functional test prior to commercial operation as well as for commissioning of the Project. For avoidance of doubt, it is clarified that Synchronization / Connectivity of the Project with the grid shall not to be considered as Commissioning of the Project.
- 5.1.5 The BESSD shall commission the Project as detailed in “**Schedule 3: Commissioning Procedure**” within eighteen (18) Months from the Effective Date of BESPA. Declaration of SCD/USCD shall only be done subject to the demonstration of the compliances as per **Schedule-3**.
- 5.1.6 Part commissioning of the Project, without imposition of any liquidated damages in terms of the BESPA, shall be accepted by NHPC subject to the condition that the minimum part commissioning capacity for the 1st part will be 50% of the project capacity at each of the project locations. The total number of instalments in which a Project can be commissioned will not be more than 3, i.e., 1st initial instalment of 50% of the project capacity as the case may be and 2 subsequent instalments. However, the SCD will not get altered due to part commissioning. Irrespective of dates of part commissioning or full commissioning, the BESPA will remain in force for the Term as defined in this Agreement.
- 5.1.7 The Parties agree that for the purpose of commencement of the BESS capacity by the BESSD to NHPC, liquidated damages for delay etc., the Scheduled Commissioning Date (or extended Scheduled Commissioning Date) as defined in this Agreement shall be the relevant date.
- 5.1.8 The BESSD shall submit requisite documents as mentioned below, at least 30 days

prior to trial run of the Project –

- i. Intimation regarding the timeline for commencement of supply of power from the Project.
- ii. Copy of Connectivity details.
- iii. Installation report duly signed by the authorized signatory. The BESSD is advised to take due care in furnishing such Installation Report.
- iv. CEI/CEIG (as applicable) report containing approval for all the components, including Batteries, inverters, transformers, transmission system and protection system, along with all annexures/attachments. It would be the responsibility of the BESSD to obtain the certificate.
- v. Approval of metering arrangement/scheme from STU / any other concerned authority as applicable.
- vi. Plant Layout, Plant (AC & DC) SLD.
- vii. Affidavit certifying that the BESSD has obtained all the necessary approvals for commencement of power supply from the Project, and indemnifying NHPC against any discrepancies in the above details.
- viii. Affidavit from the BESSD certifying possession of land identified for the Project, bearing the details of such land parcels where Project is located, and indemnifying NHPC against any discrepancies in the above details.
- ix. Documents to establish the compliance of technical requirement as per BESPA/RfS.
- x. Invoices against purchase of the Batteries, Inverters/PCUs, SCADA and BMS along with the summary sheet containing the list of all the invoices, inverters including details and number of items. Lorry Receipts for delivery of Project components at site along with certified summary sheet by the authorized signatory.

It is clarified that NHPC shall bear no responsibility in declaration of commissioning/COD of the Project. However, on the basis of above documents, the BESSD shall be required to obtain No-objection certificate (NOC)/BESPA Compliance Certificate from NHPC prior to declaration of commissioning/SCD of the Project.

NHPC's scope will be limited to verifying the installation of rated capacity(ies) of the Project, as per the SCD certificate submitted by the BESSD. This verification

will be at NHPC's discretion and shall not constitute any certification/confirmation of commissioning/SCD of the Project by NHPC. Prior to declaration of commencement of power supply, the BESSD shall submit SCD certificate for the corresponding Installed Capacity which has commenced power supply to NHPC as part of the requisite documents.

#### **5.1.9 Early Commissioning**

The BESSD shall be permitted for full commissioning as well as part commissioning of the Project even prior to the Scheduled Commissioning Date.

Early commissioning of the Project will be allowed solely at the risk and cost of the BESSD, and NHPC may purchase the BESS capacity from such early commissioned Project at BESPA tariff (for the Contracted Capacity) and APDISCOMs / Buying shall purchase the same at BESPA tariff plus facilitation charges in the form of trading margin payable to NHPC under BESSA.

Such intimation for early commissioning shall be provided to NHPC at least 15 days before the proposed early commissioning date as per the Commissioning Procedure. UCOD/COD of the Project under the BESPA will be the date on which the commissioning certificate is issued upon successful commissioning of the part/full capacity of the Project.

## **ARTICLE 6: DISPATCH AND SCHEDULING**

### **6.1 Dispatch and Scheduling**

6.1.1 The BESSD, in consultation with APDISCOMs /Buying Entity, shall be required to charge/ discharge the Battery System as per the applicable regulations / requirements / guidelines of SERC /SLDC / or any other competent agency and same being recognized by the SLDC or any other competent authority / agency as per applicable regulation/ law / direction and maintain compliance to the applicable Codes/ Grid Code requirements and directions, if any, as specified by concerned SLDC from time to time. Any deviation from the Schedule will attract the provisions of applicable regulation / guidelines / directions and any financial implication on account of this shall be on the account of the BESSD.

6.1.2 The BESSD shall be responsible for directly coordinating and dealing with the APDISCOMs /Buying Entity, SLDCs and other authorities in all respects in regard to declaration of availability, scheduling and dispatch of charging and discharging power and due compliance with deviation and settlement mechanism and the applicable Grid code Regulations, acknowledging that the BESSD and APDISCOMs /Buying Entity are the Grid connected entities and NHPC as an intermediary procurer/ trading licensee is not a Grid connected entity in respect of the Battery Storage Capacity contracted under this Agreement.

6.1.3 DSM penalties, if any, shall be levied separately on the BESSD and the Buying Entity as applicable, at their respective ends for the charging and discharging activities. DSM charges on this account shall be directly paid by the BESSD or the Buying Entity as per applicable regulations.

Reactive power charges shall be on account of the Buying Entity/BESSD at their respective ends during charging and discharging, as per SERC regulations.

6.1.4 The BESSD shall take separate, metered connection for the Auxiliary Power load of BESS. Cost of Auxiliary power shall be borne by the BESSD as per the concerned State regulations.

6.1.5 Capacity procured from the Project awarded under this RfS shall be allocated on back-to-back basis to the Buying Entity by NHPC, in consultation with APDISCOMs.

## **6.2 Supply obligation of the BESSD:**

In case the BESSD fails to offer the contracted power as per this Agreement to NHPC/ APDISCOMs and sells the contracted power without its consent to any other party, the BESSD, on a complaint to this effect by NHPC/ APDISCOMs to the load dispatch centre concerned, shall be debarred from participating in Power Exchanges and on the Discovery of Efficient Electricity Pricing portal and scheduling of any new short-term contracts from the Project for a period of three months from the date on which the default has been taken cognizance by the concerned load dispatch centre. The period of debarment shall increase to six months for second default and shall be one year for each successive default. Such

debarment of the BESSD shall be without prejudice to the rights of NHPC/Buying Entity for seeking compensation for the default by the BESSD under this Agreement.

## **ARTICLE 7: METERING**

### **7.1 Meters**

- 7.1.1 For installation of Meters, Meter testing, Meter calibration and Meter reading and all matters incidental thereto, the BESSD shall follow and be bound by the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, the Grid Code, as amended and revised from time to time.
- 7.1.2 The BESSD shall bear all costs pertaining to installation, testing, calibration, maintenance, renewal and repair of meters at BESSD side of Delivery Point for injection and drawl of power from the Grid during discharging and charging of BESS.
- 7.1.3 In addition to ensuring compliance of the applicable codes, the BESSD shall install Main & Check meters at the Delivery Point for both Charging and Discharging, along with Stand-by meter(s) as per the applicable State regulations and a Back-Up Meter shall be required to be installed at generation side.

### **7.2 Reporting of Metered Data and Parameters**

- 7.2.1 Online arrangement would have to be made by the BESSD for submission of metering data regularly for the entire period of this Agreement to the SLDC, APDISCOMs, NHPC and the concerned Ministry or concerned agency as per applicable regulation / directions.
- 7.2.2 Reports on metering parameters on monthly basis, and/or as required by regulation / Guidelines, shall be submitted by the BESSD to NHPC / APDISCOMs /SLDC through NHPC for entire Term of the BESPA.

## **ARTICLE 8: INSURANCES**

### **8.1 Insurance**

8.1.1 The BESSD shall effect and maintain or cause to be effected and maintained, at its own cost and expense, throughout the Term of BESPA, Insurances against such risks to keep the Project in good condition and shall take Industrial All Risk insurance policy/Mega /any Suitable Insurance policy as per Market practices / as deemed fit by BESSD covering risks against any loss or damage, with such deductibles and with such endorsements and co-insured(s), which the Prudent Utility Practices would ordinarily merit maintenance of and as required under the Financing Agreements, and under the applicable laws.

8.1.2 The BESSD shall submit the Insurance copy to NHPC, at the time of commissioning of project.

### **8.2 Application of Insurance Proceeds**

8.2.1 In case of the Project not being implemented through Financing Agreement(s), save as expressly provided in this Agreement or the Insurances, the proceeds of any insurance claim made due to loss or damage to the BESS or any part of the BESS shall be first applied to reinstatement, replacement or renewal of such loss or damage to the Contracted Capacity followed by the balance Project Capacity.

In case of the Project being financed through Financing Agreement(s), save as expressly provided in this Agreement or the Insurances, the proceeds of any insurance claim made due to loss or damage to the Project to any part of the BESS shall be applied as per such Financing Agreements.

8.2.2 If a Force Majeure Event renders the Project no longer economically and technically viable and the insurers under the Insurances make payment on a “total loss” or equivalent basis, NHPC shall have claim on such proceeds of such Insurance limited to outstanding dues of NHPC against the APDISCOMs as per BESSA entered into and any other dues of the APDISCOMs against BESSD.

### **8.3 Effect on liability of NHPC**

8.3.1 Notwithstanding any liability or obligation that may arise under this Agreement, any loss, damage, liability, payment, obligation or expense which is insured or not or for which the BESSD can claim compensation, under any Insurance shall not be charged to or payable by Buyer. It is for the BESSD to ensure that appropriate insurance coverage is taken for payment by the insurer for the entire loss and there is no under insurance or short adjustment etc.



## **ARTICLE 9: APPLICABLE TARIFF**

- 9.1 The BESSD shall be entitled to receive the Tariff of INR\_\_\_\_\_/MW/Month [Insert the Tariff discovered through the bidding process conducted by NHPC], fixed for the entire term of this Agreement, with effect from the SCD /Extended SCD, for the Contracted Capacity made available to the Buying Entity during BESPA Period, as per the provision of this agreement.
- 9.2 GST levied on the energy storage facility provided by the BESSD, (as applicable), shall be passed through to the Buying Entity / APDISCOMs.
- 9.3 In case of early part/full commencement of power supply from the project, NHPC may purchase the power generated from such Project at the BESPA charges as per Article 9.1 (for the Contracted Capacity) and APDISCOMs / Buying shall purchase the same at the BESPA tariff plus NHPC's facilitation charges in the form of trading margin. The developer shall give fifteen (15) days advance notice to the Procurer(s) regarding the advance commissioning of full or part capacity. The Procurer(s) shall give acceptance for availing such capacity within 15 days from the date of service of notice.

## **ARTICLE 10: BILLING AND PAYMENT**

### **10.1 General**

- 10.1.1 Pursuant to Article 4.1.1 (n), NHPC shall set up a payment security fund in order to ensure timely payment, which shall be suitable to support payment of at least 3 (three) months' billing.
- 10.1.2 From the commencement of availability of BESS Capacity, NHPC shall pay to the BESSD the monthly Tariff Payments subject to the adjustments as per provisions of this Agreement including Article 6, in accordance with Article 9.
- All capacity charge Payments by NHPC shall be in Indian Rupees.
- 10.1.3 Not used.
- 10.1.4 Subject to the provision of this Agreement, BESSD shall be required to make arrangement of auxiliary power at its own risk and cost.
- 10.1.5 The parties acknowledge and accept that the Electricity (Late Payment Surcharge and related matters) Rules, 2022 [hereinafter referred to as '**Rules**'] notified by the Central Government in exercise of the power conferred by Sub-section (1) of Section 176 of the Electricity Act, 2003 shall apply and govern

the terms and conditions of this Agreement in regard to matters contained in the said Rules including but not limited to the Late Payment Surcharge, adjustment towards the Late Payment Surcharge, Payment Security mechanism-its operations and consequences, actions of Defaulting Entities, supply obligation of BESSD, power not requisitioned by the Buying Entity, the order of payment and adjustment towards late payment surcharge and indemnification. The above shall apply both in regard to the present agreement as well as on mutatis mutandi and back to back basis to the BESSA. The Rules referred to hereinabove being statutory shall, to the extent applicable, supersede any provisions in this BESPA and the BESSA which are inconsistent or contrary to the provisions of the Rules.

### ***10.2 Delivery and Content of Monthly Bills/Supplementary Bills***

10.2.1 The BESSD shall issue to NHPC hard copy of a signed Monthly Bill/Supplementary Bill for the immediately preceding Month/relevant period, including the time-block-wise data in the tabular format as per Illustration in Schedule-2, along with all relevant documents. The BESSD shall also submit calculations of System Availability and Round-trip Efficiency in line with provisions of this Agreement, as part of the Monthly Bill/Supplementary Bill.

The BESSD shall issue to NHPC hard copy of signed monthly bill / Supplementary bill for the immediately preceding month between the 5th day & upto the 15th day of the next month duly supported by REA/SEA/signed JMR along with all relevant documents (payment of reactive energy charges, metering charges or any other charges as per guidelines of SERC/CERC, if applicable). In case the Monthly Bill / Supplementary bill for the immediately preceding month is issued after the 15th Day of the next month, the due date of payment of such Monthly bill / Supplementary bill shall be as detailed at Article 10.3.1 below.

10.2.2 As per applicable regulation(s) of the Appropriate Commission(s)/respective SERC(s), all charges pertaining to scheduling of power, if any, shall be borne by the Buying Entity.

### **10.3 Payment of Monthly Bills**

10.3.1 Subject to the provisions of Article 10.3.4, NHPC shall pay the amount payable under the Monthly Bill/Supplementary Bill by the Due Date to such account of the BESSD, as shall have been previously notified by the BESSD. The BESSD shall open a bank account (the “BESSD’s Designated Account”) for all Tariff Payments (including Supplementary Bills) to be made by NHPC to the BESSD, and notify NHPC of the details of such account at least ninety (90) Days before the dispatch of the first Monthly Bill. NHPC shall also designate a bank account at..... [Insert name of place] (“NHPC Designated Account”) for payments to be made by the BESSD to NHPC, if any, and notify the BESSD of the details of such account ninety (90) Days before the Scheduled Commissioning Date. NHPC and the BESSD shall instruct their respective bankers to make all payments under this Agreement to the BESSD’s Designated Account or NHPC’s Designated Account, as the case may be, and shall notify either Party of such instructions on the same day.

NHPC shall pay the amount payable under the Monthly Bill/Supplementary Bill by the Forty Fifth (45) day (Due Date) from the date of presentation of bill to such account of the BESSD. In case the Monthly Bill or any other bill, including a Supplementary Bill is issued after the (fifteenth) 15th day of the next month, the date of presentation would be (fifth) 5th day of the next succeeding month. ‘Due Date’ means the date by which the bill is to be paid i.e. forty-five days from the date of presentation of the bill. Provided that if due date for payment of any bill falls on a bank non-working day, the next bank working day shall be considered as due date for payment.

10.3.2 All payments required to be made under this Agreement shall also include any deduction or set off for:

- i) deductions required by the Law; and
- ii) amount claimed by NHPC, if any, from the BESSD, will be adjusted from the monthly energy payment.

### **10.3.3 Late Payment Surcharge**

In the event of delay in payment of a Monthly Bill by NHPC beyond Due Date, a Late Payment Surcharge shall be payable on the payment outstanding after the Due Date, at the Base rate of Late Payment Surcharge applicable for the period for the first month of default.

“Base rate of Late Payment Surcharge” means the marginal cost of funds based lending rate for one year of the State Bank of India, as applicable on the 1st April of the financial year in which the period lies, plus five percent (500 bps) and in the absence of marginal cost of funds based lending rate, any other arrangement that substitutes it, which the Central Government may, by notification, in the Official Gazette, specify.

The Late Payment Surcharge shall be claimed by the BESSD through the Supplementary Bill.

Late Payment Surcharge shall be payable on the outstanding payment at the base rate of Late Payment Surcharge applicable for the period for the first month of default.

The rate of Late Payment Surcharge for the successive months of default shall increase by 0.5 percent (50 bps) for every month of delay provided that the Late Payment Surcharge shall not be more than 3 percent higher than the base rate at any time. If the period of default lies in two or more financial years, the base rate of Late Payment Surcharge shall be calculated separately for the periods falling in different years. The above payment will be made by NHPC subject to such late payment surcharge being duly received by NHPC under the BESSA from the Buying Entity.

- 10.3.4 Subject to the Article 9 of this Agreement, in the event of early Commissioning of the Project and subject to acceptance by NHPC, the payment for the Capacity charges may be accounted from the date of UCOD, and BESSD would be allowed to raise Bills against such capacity as per Article 10.2.1, subject to the conditions as stipulated in Article 9. However, payment against the 1<sup>st</sup> such bill raised by the BESSD, will be made subject to acceptance of the bill by the Buying entity.

#### **10.3.5 Rebate**

For payment of any Bill before Due Date, the following Rebate shall be paid by the BESSD to NHPC in the following manner:

- a) A rebate of 1.5 % shall be payable to NHPC for the payments made within a period of 5 days of the date of presentation of Bills along with required supporting documents acceptable to NHPC at NHPC office.

Explanation: In case of computation of '5 days', the number of days shall be counted consecutively without considering any holiday. However, in case the last day or 5th day is official holiday, the 5th day for the purpose of Rebate shall be construed as the immediate succeeding working day (as per the official State Government's calendar, where the Office of the Authorized Signatory of Discom, for the purpose of receipt or acknowledgement of Bill is situated).

The day of receipt of bill in NHPC upto 2.00 PM will be the zero date. If the bill is received after 2.00 PM the next working day will be zero date for determination of date of presentation of bills.

- b) Where payments are made on any day after 5 days and within a period of 30 days of presentation of bills, a rebate of 1% shall be allowed to NHPC.

No Rebate shall be payable on the Bills raised on account of Change in Law (except in case of annuity tariff model being implemented, where rebate will be applicable) relating to taxes, duties, cess etc. and on Supplementary Bill.

#### **10.4 Payment Security Mechanism Letter of Credit (LC):**

10.4.1 NHPC shall provide to the BESSD, in respect of payment of its Monthly Bills and/or Supplementary Bills, a monthly unconditional, revolving and irrevocable letter of credit ("Letter of Credit"), opened and maintained which may be drawn upon by the BESSD in accordance with this Article.

10.4.2 Subject to Article 10.4.1, before the start of supply, NHPC shall, through a scheduled bank, open a Letter of Credit in favour of the BESSD, to be made operative from a date prior to the Due Date of its first Monthly Bill under this Agreement. The Letter of Credit shall have a term of twelve (12) Months and shall be renewed annually, for an amount equal to:

- i) for the first Contract Year, equal to the estimated average monthly billing;
- ii) for each subsequent Contract Year, equal to the average of the monthly billing of the previous Contract Year.

10.4.3 Provided that the BESSD shall not draw upon such Letter of Credit prior to 30

days beyond the Due Date of the relevant Monthly Bill and/or Supplementary Bill, and shall not make more than one drawl in a Month.

10.4.4 Provided further that if at any time, such Letter of Credit amount falls short of the amount specified in Article 10.4.2 due to any reason whatsoever, NHPC shall restore such shortfall before next drawl.

10.4.5 NHPC shall cause the scheduled bank issuing the Letter of Credit to intimate the BESSD, in writing regarding establishing of such irrevocable Letter of Credit.

10.4.6 NHPC shall ensure that the Letter of Credit shall be renewed not later than its expiry.

10.4.7 All costs relating to opening, maintenance of the Letter of Credit shall be borne by NHPC.

10.4.8 If NHPC fails to pay undisputed Monthly Bill or Supplementary Bill or a part thereof within and including the date as on 30 days beyond the Due Date, then, subject to Article 10.4.6 & 10.5.2, the BESSD may draw upon the Letter of Credit, and accordingly the bank shall pay, an amount equal to such Monthly Bill or Supplementary Bill or part thereof, in accordance with Article 10.4.3 above, by presenting to the scheduled bank issuing the Letter of Credit, the following documents:

- i) a copy of the Monthly Bill or Supplementary Bill (only for energy related bills) which has remained unpaid to BESSD and;
- ii) a certificate from the BESSD to the effect that the bill at item (i) above, or specified part thereof, is in accordance with the Agreement and has remained unpaid beyond the Due Date;

In case of wrongful drawal of the Letter of Credit, the BESSD would be liable to further interest equivalent to late payment surcharge considered from the date of drawal of letter of credit.

**Payment Security Fund:** NHPC shall maintain Payment Security Fund. To be eligible for coverage from this fund, BESSD shall pay Rs. [Insert amount @ Rs 5 Lakhs / MWh] to the designated account as intimated by the NHPC towards Payment Security Fund through DD/NEFT/RTGS prior to declaration of commissioning of first part capacity of the Project. Modalities of operationalization of the Payment Security Deposit will be notified by

NHPC at appropriate stage and the same shall be as per the guidelines issued / to be issued by MoP/MNRE from time to time. The above amount shall be credited to NHPC pro-rata to the part capacity being commissioned at that stage.

### **10.5 Disputed Bill**

10.5.1 If NHPC does not dispute a Monthly Bill or a Supplementary Bill raised by the BESSD by the due date, such Bill shall be taken as conclusive.

10.5.2 If the NHPC disputes the amount payable under a Monthly Bill or a Supplementary Bill, as the case may be, it shall pay 95% of the invoice amount (subject to adjustment of applicable rebate for the said 95% payment) and it shall within thirty (30) days of receiving such Bill, issue a notice (the "Bill Dispute Notice") to the invoicing Party setting out:

- i) the details of the disputed amount;
- ii) its estimate of what the correct amount should be; and
- iii) all written material in support of its claim.

10.5.3 If the BESSD agrees to the claim raised in the Bill Dispute Notice issued pursuant to Article 10.5.2, the BESSD shall revise such Bill and present along with the next Monthly Bill. In such a case excess amount shall be refunded along with interest at the same rate as Late Payment Surcharge, which shall be applied from the date on which such excess payment was made by the disputing Party to the invoicing Party and up to and including the date on which such payment has been received as refund.

10.5.4 If the BESSD does not agree to the claim raised in the Bill Dispute Notice issued pursuant to Article 10.5.2, it shall, within fifteen (15) days of receiving the Bill Dispute Notice, furnish a notice (Bill Disagreement Notice) to the NHPC providing:

- i) reasons for its disagreement;
- ii) its estimate of what the correct amount should be; and
- iii) all written material in support of its counter-claim.

10.5.5 Upon receipt of the Bill Disagreement Notice by the NHPC under Article 10.5.4, authorized representative(s) or a director of the board of directors/ member of board of the NHPC and BESSD shall meet and make best endeavours to



amicably resolve such dispute within fifteen (15) days of receipt of the Bill Disagreement Notice.

10.5.6 If the Parties do not amicably resolve the Dispute within fifteen (15) days of receipt of Bill Disagreement Notice pursuant to Article 10.5.4, the matter shall be referred to Dispute resolution in accordance with Article 16.

## **10.6 Quarterly and Annual Reconciliation**

10.6.1 The Parties acknowledge that all payments made against Monthly Bills and Supplementary Bills shall be subject to quarterly reconciliation within 30 days of the end of the quarter at the beginning of the following quarter of each Contract Year and annual reconciliation at the end of each Contract Year within 30 days to take into account the Energy Accounts, Tariff adjustment payments, Tariff Rebate, Late Payment Surcharge, or any other reasonable circumstance provided under this Agreement.

10.6.2 The Parties, therefore, agree that as soon as all such data in respect of any quarter of a Contract Year or a full Contract Year as the case may be has been finally verified and adjusted, the BESSD and NHPC shall jointly sign such reconciliation statement. Within fifteen (15) days of signing of a reconciliation statement, the BESSD shall make appropriate adjustments in the next Monthly Bill. Late Payment Surcharge/ interest shall be payable in such a case from the date on which such payment had been made to the invoicing Party or the date on which any payment was originally due, as may be applicable. Any Dispute with regard to the above reconciliation shall be dealt with in accordance with the provisions of Article 16.

## **10.7 Payment of Supplementary Bill**

10.7.1 BESSD may raise a ("Supplementary Bill") for payment on account of:

- i) Adjustments required by the Energy Accounts (if applicable); or
- ii) Change in Law as provided in Article 12

And such Supplementary Bill shall be paid by the other Party.

10.7.2 NHPC shall remit all amounts due under a Supplementary Bill raised by the BESSD to the BESSD's Designated Account by the Due Date, except for open access charges, SLDC or scheduling charges and transmission charges (if



applicable). Except for payment under Article 10.7.1 (i), payment of Supplementary Bills will be made after realization of the same from the Buying Utility. No Late Payment Surcharge will be applicable other than that on the monthly energy payment and associated debit and credit note.

- 10.7.3 In the event of delay in payment of a Supplementary Bill by either Party beyond its Due Date, a late Payment Surcharge shall be payable at the same terms applicable to the Monthly Bill in Article 10.3.3.

## **ARTICLE 11: FORCE MAJEURE**

### **11.1 Definition of Force Majeure**

A 'Force Majeure' (FM) would mean one or more of the following acts, events or circumstances or a combination of acts, events or circumstances or the consequence(s) thereof, that wholly or partly prevents or unavoidably delays the performance by the Party (the Affected Party) of its obligations under this Agreement, but only if and to the extent that such events or circumstances are not within the reasonable control, directly or indirectly, of the Affected Party and could not have been avoided if the Affected Party had taken reasonable care or complied with Prudent Utility Practices.

An Affected Party means NHPC or the BESSD whose performance has been affected by an event of Force Majeure.

### **11.2 Force Majeure Events**

- a) Act of God, including, but not limited to lightning, fire and explosion (to the extent originating from a source external to the site), earthquake, volcanic eruption, landslide, flood, pandemic, cyclone, typhoon or tornado if it is declared / notified by the competent state / central authority / agency (as applicable), or verified to the satisfaction of Procurer;
- b) radioactive contamination or ionising radiation originating from a source in India or resulting from another Force Majeure Event mentioned above excluding circumstances where the source or cause of contamination or radiation is brought or has been brought into or near the Project by the Affected Party or those employed or engaged by the Affected Party.
- c) The discovery of geological conditions, toxic contamination or

archaeological remains on the Project land that could not reasonably have been expected to be discovered through an inspection of the Project land and/or as per prudent industry practices.

- d) Exceptionally adverse weather condition which are in excess of the statistical measure of the last hundred (100) years.
- e) any act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, revolution, riot, insurrection, terrorist or military action, or Industrywide strikes and labour disturbances, having a nationwide impact in India, if and only if it is declared / notified by the competent state / central authority / agency (as applicable)
- f) Nationalisation or any compulsory acquisition by any Indian Governmental Instrumentality/ State Government in national interest or expropriation of any material Project assets or rights of the BESSD, as a result of which the BESSD or its shareholders are deprived (wholly or partly) of their rights or entitlements under this BESPA. Provided that such action does not constitute remedies or sanctions lawfully exercised by the Procurer or any other Government Authority as a result of any breach of any of the Applicable Laws or the Applicable Permits by the BESSD or the BESSD related parties
- g) An event of Force Majeure identified under NHPC-Buying Entity(ies) BESSA, thereby affecting delivery / offtake of power / Contracted Capacity from BESSD to Buying Entity(ies).

### **11.3 Force Majeure Exclusions**

11.3.1 Force Majeure shall not include (i) any event or circumstance which is within the reasonable control of the Parties and (ii) the following conditions, except to the extent that they are consequences of an event of Force Majeure:

- a. Unavailability, late delivery, or changes in cost of the plant, machinery, equipment, materials, spare parts or consumables for the Power Project/ BESS;
- b. Delay in the performance of any contractor, sub-contractor or their agents;
- c. Non-performance resulting from normal wear and tear typically experienced in power generation / BESS materials and equipment;
- d. Strikes at the facilities of the Affected Party;
- e. Insufficiency of finances or funds or the agreement becoming onerous to

perform; and

- f. Non-performance caused by, or connected with, the Affected Party's:
  - i. Negligent or intentional acts, errors or omissions or lack of due diligence expected from any prudent and rational human being;
  - ii. Failure to comply with an Indian Law; or
  - iii. Breach of, or default under this Agreement.

#### **11.4 Notification of Force Majeure Event**

- 11.4.1 The Affected Party shall give notice to the other Party of any event of Force Majeure as soon as reasonably practicable, but not later than fifteen (15) days after the date on which such Party knew or should reasonably have known of the commencement of the event of Force Majeure. If an event of Force Majeure results in a breakdown of communications rendering it unreasonable to give notice within the applicable time limit specified herein, then the Party claiming Force Majeure shall give such notice as soon as reasonably practicable after reinstatement of communications, but not later than one (1) day after such reinstatement. The Party who receives the Force Majeure Notification, shall take a decision on the claim of occurrence of Force Majeure Event, within 30 days of the receipt of the intimation, accompanied with supporting documents available with the Affected Party.
- 11.4.2 Provided that such notice shall be a pre-condition to the Affected Party's entitlement to claim relief under this Agreement. Such notice shall include full particulars of the event of Force Majeure, its effects on the Party claiming relief and the remedial measures proposed. The Affected Party shall give the other Party regular (and not less than weekly) reports on the progress of those remedial measures and such other information as the other Party may reasonably request about the Force Majeure Event.
- 11.4.3 The Affected Party shall give notice to the other Party of (i) the cessation of the relevant event of Force Majeure; and (ii) the cessation of the effects of such event of Force Majeure on the performance of its rights or obligations under this Agreement, as soon as practicable after becoming aware of each of these cessations.

#### **11.5 Performance Excused**

- 11.5.1 The Affected Party, to the extent rendered unable to perform its obligations or

part of the obligation thereof under this Agreement as a consequence of the Force Majeure Event, shall be excused from performance of the obligations, provided that the period shall not exceed 180 (one hundred and eighty) Days from the date of issuance of the FM Notice or any extended period as mutually agreed. The Parties may mutually agree to extend the period for which performance is excused due to a Force Majeure Event. However, in case of the FM continuing upto a period of 180 days or any extended period as mutually agreed, either Party has the right to terminate the BESPA.

11.5.2 For the time period, as mutually agreed by the Parties, during which the performance shall be excused, the BESSD shall be entitled for a day to day extension of the period provided for Financial Closure or Scheduled Commissioning Period or the BESPA period, as the case may be. The Term of this Agreement will be suitably extended upon extension of term of BESSA. However, adjustment in tariff shall not be allowed on account of Force Majeure event.

11.5.3 Provided always that a Party shall be excused from performance only to the extent reasonably warranted by the Force Majeure Event.

11.5.4 Provided further that, nothing shall absolve the Affected Party from any payment obligations accrued prior to the occurrence of the underlying Force Majeure Event.

#### **11.6 No Liability for Other Losses**

Save as otherwise provided in this Agreement, no Party shall be liable in any manner, whatsoever, to the other Parties in respect of any loss relating to or arising out of the occurrence or existence of any Force Majeure Event.

#### **11.7 Resumption of Performance**

During the period that a Force Majeure Event is subsisting, the Affected Party shall, in consultation with the other Parties, make all reasonable efforts to limit or mitigate the effects of such Force Majeure Event on the performance of its obligations under the BESPA. The Affected Party shall also make efforts to resume performance of its obligations under this Agreement as soon as possible and upon resumption, shall notify other Parties of the same in writing.

The other Parties shall afford all reasonable assistance to the Affected Party in this regard.

### **11.8 Duty to Perform and Duty to Mitigate**

To the extent not prevented by a Force Majeure Event pursuant to Article 11.2, the Affected Party shall continue to perform its obligations pursuant to this Agreement. The Affected Party shall use its reasonable efforts to mitigate the effect of any Force Majeure Event as soon as practicable.

### **11.9 Available Relief for a Force Majeure Event**

Subject to this Article 11:

- (a) no Party shall be in breach of its obligations pursuant to this Agreement except to the extent that the performance of its obligations was prevented, hindered or delayed due to a Force Majeure Event;
- (b) every Party shall be entitled to claim relief in relation to a Force Majeure Event in regard to its obligations, including but not limited to those specified under Article 4.5;
- (c) For avoidance of doubt, neither Party's obligation to make payments of money due and payable prior to occurrence of Force Majeure events under this Agreement shall be suspended or excused due to the occurrence of a Force Majeure Event in respect of such Party.
- (d) Provided that no payments shall be made by either Party affected by a Force Majeure Event for the period of such event on account of its inability to perform its obligations due to such Force Majeure Event.

## **ARTICLE 12: CHANGE IN LAW**

**12.1** In the event of occurrence of any of the events as provided under clause 2 of Electricity (Timely Recovery of Costs due to Change in Law) Rules, 2021 which results in any adverse financial loss/ gain to the BESSD/Buying Entity then, in order to ensure that the BESSD/Buying Entity is placed in the same financial position as it would have been had it not been for the occurrence of the Change in Law, the BESSD/ Buying Entity shall be entitled to compensation by the other party, as the case may be. The compensation payment on account of such 'Change in Law' shall be determined in accordance with the Electricity (Timely Recovery of Costs due to Change in Law) Rules, 2021 notified by Ministry of power vide notification dated 22nd October'2021 including amendments and clarifications thereof issued from time to time

(Schedule-A) and shall be effective from such date as may be decided by the Appropriate Commission.

## **ARTICLE 13: EVENTS OF DEFAULT AND TERMINATION**

### **13.1 BESSD Event of Default**

13.1.1 The occurrence and/or continuation of any of the following events, unless any such event occurs as a result of a Force Majeure Event or a breach by NHPC or Buying Entity(ies) of its obligations under this Agreement, shall constitute an BESSD Event of Default:

- (i) the failure to commence availability of BESS for providing Energy Storage capacity to NHPC up to the Contracted Capacity, by the end of the period specified in Article 4, or failure to demonstrate guaranteed availability of such energy storage capacity to NHPC within six months from the identification of reduced annual availability during the term of this Agreement, or
- if

a) the BESSD assigns, mortgages or charges or purports to assign, mortgage or charge any of its assets or rights related to the Project in contravention of the provisions of this Agreement; or

b) the BESSD transfers or novates any of its rights and/ or obligations under this agreement, in a manner contrary to the provisions of this Agreement; except where such transfer

- is in pursuance of a Law; and does not affect the ability of the transferee to perform, and such transferee has the financial capability to perform, its obligations under this Agreement or
- is to a transferee who assumes such obligations under this Agreement and the Agreement remains effective with respect to the transferee;

(ii) if (a) the BESSD becomes voluntarily or involuntarily the subject of any bankruptcy or insolvency or winding up proceedings and such proceedings remain uncontested for a period of thirty (30) days, or (b) any winding up or bankruptcy or insolvency order is passed against the BESSD, or (c) the BESSD

goes into liquidation or dissolution or has a receiver or any similar officer appointed over all or substantially all of its assets or official liquidator is appointed to manage its affairs, pursuant to Law, provided that a dissolution or liquidation of the BESSD will not be a BESSD Event of Default if such dissolution or liquidation is for the purpose of a merger, consolidation or reorganization and where the resulting company retains creditworthiness similar to the BESSD and expressly assumes all obligations of the BESSD under this Agreement and is in a position to perform them; or

- (iii) the BESSD repudiates this Agreement and does not rectify such breach within a period of thirty (30) days from a notice from NHPC in this regard; or
- (iv) except where due to any NHPC's failure to comply with its material obligations, the BESSD is in breach of any of its material obligations pursuant to this Agreement, and such material breach is not rectified by the BESSD within thirty (30) days of receipt of first notice in this regard given by NHPC.
- (v) change in controlling shareholding before the specified time frame as mentioned in Article 4.1.1 of this Agreement; or
- (vi) occurrence of any other event which is specified in this Agreement to be a material breach/ default of the BESSD.
- (vii) except where due to any NHPC's failure to comply with its material obligations, the BESSD is in breach of any of its material obligations pursuant to this Agreement, and such material breach is not rectified by the BESSD within thirty (30) days of receipt of first notice in this regard given by NHPC.

### **13.2 NHPC Event of Default**

13.2.1 The occurrence and the continuation of any of the following events, unless any such event occurs as a result of a Force Majeure Event or a breach by the BESSD of its obligations under this Agreement, shall constitute the Event of Default on the part of defaulting NHPC:

- (i) NHPC fails to pay (with respect to a Monthly Bill or a Supplementary Bill), subject to Article 10.5, for a period of ninety (90) days after the Due Date and the BESSD is unable to recover the amount outstanding to the BESSD through the Letter of Credit,
- (ii) NHPC repudiates this Agreement and does not rectify such breach even within a period of sixty (60) days from a notice from the BESSD in this

regard; or

- (iii) except where due to any BESSD's failure to comply with its obligations, NHPC is in material breach of any of its obligations pursuant to this Agreement, and such material breach is not rectified by NHPC within sixty (60) days of receipt of notice in this regard from the BESSD to NHPC; or

if

- NHPC becomes voluntarily or involuntarily the subject of any bankruptcy or insolvency or winding up proceedings and such proceedings remain uncontested for a period of sixty (60) days, or
  - any winding up or bankruptcy or insolvency order is passed against NHPC, or
  - NHPC goes into liquidation or dissolution or a receiver or any similar officer is appointed over all or substantially all of its assets or official liquidator is appointed to manage its affairs, pursuant to Law, provided that it shall not constitute a NHPC Event of Default, where such dissolution or liquidation of Buyer or NHPC is for the purpose of a merger, consolidation or reorganization and where the resulting entity has the financial standing to perform its obligations under this Agreement and has creditworthiness similar to NHPC and expressly assumes all obligations of NHPC and is in a position to perform them; or;
- (iv) If Buying Entities are subject to any of the above defaults and NHPC does not designate another or other Buying Entities for purchase of power.
- (v) Occurrence of any other event which is specified in this Agreement to be a material breach or default of NHPC.

### **13.3 Procedure for cases of BESSD Event of Default**

13.3.1 Upon the occurrence and continuation of any BESSD Event of Default under Article 13.1, NHPC shall have the right to deliver to the BESSD, with a copy to the representative of the lenders to the BESSD with whom the BESSD has



executed the Financing Agreements, a notice stating its intention to terminate this Agreement (NHPC Preliminary Default Notice), which shall specify in reasonable detail, the circumstances giving rise to the issue of such notice.

13.3.2 Following the issue of a NHPC Preliminary Default Notice, the Consultation Period of ninety (90) days or such longer period as the Parties may agree, shall apply and it shall be the responsibility of the Parties to discuss as to what steps shall be taken with a view to mitigate the consequences of the relevant Event of Default having regard to all the circumstances.

13.3.3 During the Consultation Period, the Parties shall continue to perform their respective obligations under this Agreement.

13.3.4 Within a period of seven (7) days following the expiry of the Consultation Period unless the Parties shall have otherwise agreed to the contrary or the BESSD Event of Default giving rise to the Consultation Period shall have ceased to exist or shall have been remedied, NHPC may terminate this Agreement by giving a written Termination Notice of sixty (60) days to the BESSD.

13.3.5 Subject to the terms of this Agreement, upon occurrence of an BESSD Event of Default under this Agreement, the BESSD shall be liable to pay to NHPC, liquidated damages, as provided in Article 4.6 of the BESPA for failure to commission within stipulated time and Article 4.4.1 for failure to supply power in terms of the BESPA. For other cases, the BESSD shall be liable pay to NHPC, damages, equivalent to 6 (six) months, or balance BESPA period whichever is less, of charges for its contracted capacity. NHPC shall have the right to recover the said damages by way of forfeiture of bank guarantee/Payment on Order Instrument / insurance surety bond, if any, without prejudice to resorting to any other legal course or remedy. In addition to the levy of damages as aforesaid, the lenders in concurrence with the Buying Entity and NHPC, may exercise their rights, if any, under Financing Agreements, to seek substitution of the BESSD by a selectee for the residual period of the Agreement, for the purpose of securing the payments of the total debt amount from the BESSD and performing the obligations of the BESSD. However, in the event the

lenders are unable to substitute the defaulting BESSD within the stipulated period, and if the Buying Entity desires to acquire the Project assets, it may do so, by paying to the BESSD, a compensation as mutually decided by the Buying Entity and the lender. In case the Buying Entity chooses not to exercise the above option, or the Buying Entity and the lender are unable to come to an agreement, the lenders may liquidate the Project assets and recover their dues, as the last resort. Provided that any substitution under this Agreement can only be made with the prior consent of NHPC including the condition that the selectee meets the eligibility requirements of Request for Selection (RfS) issued by NHPC and accepts the terms and conditions of this Agreement.

13.3.6 The lenders in concurrence with the Buying Utility and NHPC, may seek to exercise right of substitution under Article 13.3.5 by an amendment or novation of the BESPA in favour of the selectee. The BESSD shall cooperate with NHPC to carry out such substitution and shall have the duty and obligation to continue to operate the Project in accordance with this BESPA till such time as the substitution is finalized. In the event of Change in Shareholding/Substitution of Promoters triggered by the Financial Institutions leading to signing of fresh BESPA with a new entity, an amount of Rs. 10 Lakh per Project + 18% GST per transaction as facilitation fee (non-refundable) shall be deposited by the BESSD to NHPC.

#### **13.4 Procedure for cases of NHPC Event of Default**

13.4.1 Upon the occurrence and continuation of any NHPC Event of Default specified in Article 13.2, the BESSD shall have the right to deliver to NHPC, a BESSD Preliminary Default Notice, which notice shall specify in reasonable detail the circumstances giving rise to its issue.

13.4.2 Following the issue of a BESSD Preliminary Default Notice, the Consultation Period of ninety (90) days or such longer period as the Parties may agree, shall apply and it shall be the responsibility of the Parties to discuss as to what steps shall be taken with a view to mitigate the consequences of the relevant Event of Default having regard to all the circumstances.

13.4.3 During the Consultation Period, the Parties shall continue to perform their

respective obligations under this Agreement.

13.4.4 After a period of two hundred ten (210) days following the expiry of the Consultation Period and unless the Parties shall have otherwise agreed to the contrary or NHPC Event of Default giving rise to the Consultation Period shall have ceased to exist or shall have been remedied, NHPC under intimation to the Buying Entity and the BESSD shall, subject to the prior consent of the BESSD, novate its part of the BESPA to any third party, including its Affiliates, within the stipulated period. In this case, NHPC shall pay amount equivalent to 3 (three) months of energy billing based on the declared availability, or balance Term of the BESPA, whichever is less, for its Contracted Capacity, with the Project assets being retained by the BESSD, and exit from the BESPA. In the event the aforesaid novation is not acceptable to the BESSD, or if no offer of novation is made by NHPC within the stipulated period, then the BESSD may terminate the BESPA and choose to either continue operating the Project by itself finding an alternate procurer or to discontinue the operation of the Project. If the BESSD chooses to continue operating the project, NHPC will pay to the BESSD, 'termination compensation' equivalent to 6 (six) months of energy billing corresponding to the declared availability, or balance Term of the BESPA, whichever is less, for its Contracted Capacity. In case NHPC's Event of Default is triggered by a default on the part of the Buying Entity, the above amount will be recovered by NHPC from the Buying Entity.

In the event of termination of BESPA/BESSA, on account of Event of Default by the BESSD / NHPC/Buying Entity, any damages or charges payable to the STU/CTU, for the connectivity of the plant, shall be borne by the by the entity due to whose failure, the termination was triggered.

### **13.5 Termination due to Force Majeure**

If the Force Majeure Event or its effects continue to be present beyond the period as specified in Article 4.5.3, either Party shall have the right to cause termination of the Agreement. In such an event, this Agreement shall terminate on the date of such Termination Notice without any further liability to either Party from the date of such termination.

**13.6** In all cases, the lenders may also step in where appropriate as provided in the financing documents. Further, in all cases, the defaulting Party will be required

to pay the applicable compensation within 3 months from the due date of such payment, subsequent to which, the defaulting Party will be required to pay a monthly interest @1% of the compensation.

## **ARTICLE 14: LIABILITY AND INDEMNIFICATION**

### **14.1 Indemnity**

14.1.1 The BESSD shall indemnify, defend and hold NHPC harmless against:

- a) any and all third party claims against NHPC for any loss of or damage to property of such third party, or death or injury to such third party, arising out of a breach by the BESSD of any of its obligations under this Agreement or due to the BESSD's willful misconduct, gross negligence or fraudulent behavior or violations of Applicable Law; and
- b) any and all losses, damages, costs and expenses including legal costs, fines, penalties and interest actually suffered or incurred by NHPC from third party claims arising by reason of a breach by the BESSD of any of its obligations under this Agreement, (provided that this Article 14 shall not apply to such breaches by the BESSD, for which specific remedies have been provided for under this Agreement).

14.1.2 NHPC shall cause the Buying Entity(ies) to indemnify, defend and hold the BESSD harmless against:

- a) any and all third party claims against the BESSD, for any loss of or damage to property of such third party, or death or injury to such third party, arising out of a breach by Buying Entity(ies) of any of their obligations under this Agreement; and
- b) any and all losses, damages, costs and expenses including legal costs, fines, penalties and interest ('Indemnifiable Losses') actually suffered or incurred by the BESSD from third party claims arising by reason of a breach by Buying Entity(ies) of any of its obligations. NHPC shall incorporate appropriate covenants in the BESSA for the above obligations of Buying Entity(ies). In so far as indemnity to BESSD is concerned, Buying Entity(ies) shall be the indemnifying party and not NHPC.

## **14.2 Procedure for claiming Indemnity**

### **14.2.1 Third party claims**

- a. Where the Indemnified Party is entitled to indemnification from the Indemnifying Party pursuant to Article 14.1.1(a) or 14.1.2(a), the Indemnified Party shall promptly notify the Indemnifying Party of such claim referred to in Article 14.1.1(a) or 14.1.2(a) in respect of which it is entitled to be indemnified.

Such notice shall be given as soon as reasonably practicable after the Indemnified Party becomes aware of such claim. The Indemnifying Party shall be liable to settle the indemnification claim within thirty (30) days of receipt of the above notice. Provided however that, if:

- i) the Parties choose to refer the dispute in accordance with Article 16.3.2; and

the claim amount is not required to be paid/ deposited to such third party pending the resolution of the Dispute, the Indemnifying Party shall become liable to pay the claim amount to the Indemnified Party or to the third party, as the case may be, promptly following the resolution of the Dispute, if such Dispute is not settled in favour of the Indemnified Party.

- b. The Indemnified Party may contest the claim by referring to the Appropriate Commission for which it is entitled to be Indemnified under Article 14.1.1(a) or 14.1.2(a) and the Indemnifying Party shall reimburse to the Indemnified Party all reasonable costs and expenses incurred by the Indemnified party. However, such Indemnified Party shall not settle or compromise such claim without first getting the consent of the Indemnifying Party, which consent shall not be unreasonably withheld or delayed.

An Indemnifying Party may, at its own expense, assume control of the defence of any proceedings brought against the Indemnified Party if it acknowledges its obligation to indemnify such Indemnified Party, gives such Indemnified Party prompt notice of its intention to assume control of the defence, and employs an independent legal counsel at its own cost that is reasonably satisfactory to the Indemnified Party.

#### Indemnifiable Losses

14.2.1 Where an Indemnified Party is entitled to Indemnifiable Losses from the Indemnifying Party pursuant to Article 14.1.1(b) or 14.1.2(b), the Indemnified Party shall promptly notify the Indemnifying Party of the Indemnifiable Losses actually incurred by the Indemnified Party. The Indemnifiable Losses shall be reimbursed by the Indemnifying Party within thirty (30) days of receipt of the notice seeking Indemnifiable Losses by the Indemnified Party. In case of nonpayment of such losses after a valid notice under this Article 14.3, such event shall constitute a payment default under Article 13.

#### **14.3 Limitation on Liability**

14.3.1 Except as expressly provided in this Agreement, neither the BESSD nor NHPC nor Buying Entity(ies) nor its/ their respective officers, directors, agents, employees or affiliates (or their officers, directors, agents or employees), shall be liable or responsible to the other Party or its affiliates, officers, directors, agents, employees, successors or permitted assigns or their respective insurers for incidental, indirect or consequential damages, connected with or resulting from performance or non-performance of this Agreement, or anything done in connection herewith, including claims in the nature of lost revenues, income or profits (other than payments expressly required and properly due under this Agreement), any increased expense of, reduction in or loss of power generation or equipment used therefore, irrespective of whether such claims are based upon breach of warranty, tort (including negligence, whether of Buying Entity(ies) , the BESSD or others), strict liability, contract, breach of statutory duty, operation of law or otherwise.

14.3.2 NHPC shall have no recourse against any officer, director or shareholder of the BESSD or any Affiliate of the BESSD or any of its officers, directors or shareholders for such claims excluded under this Article. The BESSD shall have no recourse against any officer, director or shareholder of Buyer or Buying Entity(ies), or any affiliate of Buyer or any of its officers, directors or shareholders for such claims excluded under this Article.

#### **14.4 NHPC's Liability**

14.4.1 Notwithstanding anything to the contrary contained in this Agreement, the Parties acknowledge and accept that the NHPC is an Intermediary Company to purchase and resell the electricity/ capacity to the Buying Utility(ies) and, therefore, the performance of the obligations of the NHPC under this Agreement shall be subject to the ability of the NHPC to enforce the corresponding obligations assumed by the Buying Utility(ies) on re-sale under the Storage Capacity Providing Agreement to be entered into by the Buying Utility(ies) with NHPC. It is however, specifically agreed that the payment of money becoming due from the NHPC to the BESSD under this Agreement for supply of Energy / Capacity to the extent of the Contracted Capacity shall not be on a back to back basis and will be as per:

- 1) the recourse under the Payment Security Mechanism provided in the BESPA and BESSA, as follows:
  - a) Letter of Credit;
  - (b) State Government Guarantee/ Tri-Partite Agreement (TPA) signed between Reserve Bank of India, Central Government and State Government of the Buying Entity, covering security for payment of energy charges, as applicable
  - (c) Payment Security Fund provided by the Buying Entity, and
- (ii) Payment security fund as referred in Article 10.1.1 of the BESPA. NHPC shall discharge the tariff payment obligation in terms of the provisions of this Agreement.

14.4.2 The parties agree that in respect of the obligations other than the tariff payment obligation specifically mentioned herein above, in the event the BESSD has any claim against the NHPC in regard to the performance of any obligation of the NHPC under this Agreement or enforcement of any right of the BESSD against the NHPC under this Agreement, the same shall be subject to the ability of the NHPC to enforce the corresponding obligations assumed by the Buying Utility(ies) under the BESSA to be entered into between the NHPC and the Buying Utility(ies) for resale on mutatis mutandis basis and not otherwise.

## **14.5 Duty to Mitigate**

14.5.1 The Parties shall endeavour to take all reasonable steps so as mitigate any loss or damage which has occurred under this Article 14.

## **ARTICLE 15: ASSIGNMENTS AND CHARGES**

### **15.1 Assignments**

This Agreement shall be binding upon, and inure to the benefit of the Parties and their respective successors and permitted assigns. This Agreement shall not be assigned by any Party, other than by mutual consent between the Parties to be evidenced in writing. Such assignment shall be agreed to by NHPC subject to the compliance of provisions contained in this Agreement and more specifically to the provisions of Article 4.1.1 of this Agreement. In no case, such assignment shall be permissible prior to the declaration of COD. Notwithstanding above, this Agreement may be assigned to the Project Lenders or Lender's Representative under the Financing Agreements, under intimation to NHPC.

Provided that, such consent will not be withheld if NHPC seeks to transfer to any transferee all of its rights and obligations under this Agreement.

The enforcement of the rights and obligation between the BESSD and the Buying Utility (ies) provided in this Agreement and in the BESSA shall not be treated as an assignment but an enforcement of the terms agreed under this Agreement.

Provided further that any successor(s) or permitted assign(s) identified after mutual agreement between the Parties may be required to execute a new agreement on the same terms and conditions as are included in this Agreement. An amount of Rs. 5 Lakh per Transaction as Facilitation Fee (non-refundable) shall be deposited by the BESSD to NHPC. Provided further that, such consent shall not be withheld by the BESSD if NHPC seeks to transfer to any affiliate all of its rights and obligations under this Agreement.

In the event of Change in Shareholding/Substitution of Promoters triggered by the Financial Institutions leading to signing of fresh BESPA with a new entity, an amount of Rs. 10 Lakh per Transaction as Facilitation Fee (non-refundable) shall be deposited by the BESSD to NHPC.



## **15.2 Permitted Charges**

15.1.1 BESSD shall not create or permit to subsist any encumbrance over all or any of its rights and benefits under this Agreement, other than as set forth in Article 15.1 and the Guidelines.

## **ARTICLE 16: GOVERNING LAW AND DISPUTE RESOLUTION**

### **16.1 Governing Law**

16.1.1 This Agreement shall be governed by and construed in accordance with the Laws of India. Any legal proceedings in respect of any matters, claims or disputes under this Agreement shall be under the jurisdiction of competent court at Faridabad/Punjab & Haryana High Court.

### **16.2 Amicable Settlement and Dispute Resolution**

#### **16.1.2 *Amicable Settlement***

- i. Either Party is entitled to raise any claim, dispute or difference of whatever nature arising under, out of or in connection with this Agreement (“Dispute”) by giving a written notice (Dispute Notice) to the other Party, which shall contain:
  - (a) a description of the Dispute;
  - (b) the grounds for such Dispute; and
  - (c) all written material in support of its claim.
- ii. The other Party shall, within thirty (30) days of issue of Dispute Notice issued under Article 16.2.1(i), furnish:
  - (a) counter-claim and defences, if any, regarding the Dispute; and
  - (b) all written material in support of its defences and counter-claim.
- iii. Within thirty (30) days of issue of Dispute Notice by any Party pursuant to Article 16
  - (i) if the other Party does not furnish any counter claim or defence under Article 16
  - (ii) or thirty (30) days from the date of furnishing counter claims or defence

by the other Party, both the Parties to the Dispute shall meet to settle such Dispute amicably. If the Parties fail to resolve the Dispute amicably within thirty (30) days from the later of the dates mentioned in this Article 16.2.1.

(iii) the Dispute shall be referred for dispute resolution in accordance with Article 16.3.

### **16.3 Dispute Resolution**

#### **16.3.1 Dispute Resolution by the Appropriate Commission**

- i) Where any Dispute or differences arises in relation to this agreement of any nature whatsoever including the construction, interpretation or implementation of the provisions of this agreement as well as claim made by any Party for any change in or determination of the Tariff or any matter related to Tariff or claims made by any Party which partly or wholly relate to any change in the Tariff or determination of any of such claims could result in change in the Tariff, and relates to any matter agreed to be referred to the Appropriate Commission, shall be submitted to adjudication by the Appropriate Commission. Appeal against the decisions of the Appropriate Commission shall be made only as per the provisions of the Electricity Act, 2003, as amended from time to time.
- ii) NHPC shall be entitled to co-opt the Buying Entity(ies) and/or the lenders (if any) as a supporting party in such proceedings before the Appropriate Commission.
- iii) MNRE vide its Order No.283/56/2019-GRID SOLAR/Pt. dated 07.06.2023 has set up a Dispute Resolution Mechanism (DRM). The said order and its subsequent amendments (if extended to BIAs) will be binding on the parties under this Agreement.

### **16.4 Parties to Perform Obligations**

16.4.1 Notwithstanding the existence of any Dispute and difference referred to the Appropriate Commission and save as the Appropriate Commission may otherwise direct by a final or interim order, the Parties hereto shall continue to perform their respective obligations (which are not in dispute) under this Agreement.

## **ARTICLE 17: MISCELLANEOUS PROVISIONS**

### **17.1 Amendment**

17.1.1 This Agreement may only be amended or supplemented by a written agreement between the Parties.

### **17.2 Third Party Beneficiaries**

17.2.1 Subject to provisions contained in this agreement relating to back-to-back implications of the BESPA as well as BESSA, this Agreement is solely for the benefit of the Parties and their respective successors and permitted assigns and shall not be construed as creating any duty, standard of care or any liability to, any person not a party to this Agreement.

### **17.3 Waiver**

17.3.1 No waiver by either Party of any default or breach by the other Party in the performance of any of the provisions of this Agreement shall be effective unless in writing duly executed by an authorized representative of such Party.

17.3.2 Neither the failure by either Party to insist on any occasion upon the performance of the terms, conditions and provisions of this Agreement nor time or other indulgence granted by one Party to the other Parties shall act as a waiver of such breach or acceptance of any variation or the relinquishment of any such right or any other right under this Agreement, which shall remain in full force and effect.

### **17.4 Confidentiality**

17.4.1 The Parties undertake to hold in confidence this Agreement and not to disclose the terms and conditions of the transaction contemplated hereby to third parties, except:

- a) to their professional advisors;
- b) to their officers, contractors, employees, agents or representatives, financiers, who need to have access to such information for the proper performance of their activities; or

- c) disclosures required under Law, without the prior written consent of the other Party.

### **17.5 Severability**

17.5.1 The invalidity or unenforceability, for any reason, of any part of this Agreement shall not prejudice or affect the validity or enforceability of the remainder of this Agreement, unless the part held invalid or unenforceable is fundamental to this Agreement.

### **17.6 Notices**

17.6.1 All notices or other communications which are required to be given under this Agreement shall be in writing and in the English language.

17.6.2 If to the BESSD, all notices or other communications which are required must be delivered personally or by registered post or facsimile or any other method duly acknowledged to the addresses below:

Address :  
Attention :  
Email :  
Fax. No. :  
Telephone No. :

17.6.3 If to NHPC, all notices or communications must be delivered personally or by registered post or facsimile or any other mode duly acknowledged to the address(es) below:

From\To,  
Before commissioning of the Project::  
Executive Director (Renewable Energy & Green Hydrogen Division)  
NHPC Limited,  
1710-1712, 17th Floor, Tower-A  
Navratna Corporate Park,  
Ambli, Ahmedabad,  
Gujarat – 380058

Or Any other office as assigned the similar duties by NHPC

After commissioning of the Project:

Executive Director / HOD (Commercial),

Commercial Division,

NHPC Limited, Sector -33

Faridabad, Haryana

Or

Any other office as assigned the similar duties by NHPC

17.6.4 All notices or communications given by facsimile shall be confirmed by sending a copy of the same via post office in an envelope properly addressed to the appropriate Party for delivery by registered mail. All notices shall be deemed validly delivered upon receipt evidenced by an acknowledgement of the recipient, unless the Party delivering the notice can prove in case of delivery through the registered post that the recipient refused to acknowledge the receipt of the notice despite efforts of the postal authorities.

17.6.5 Any Party may by notice of at least fifteen (15) days to the other Party change the address and/or addresses to which such notices and communications to it are to be delivered or mailed.

## **17.7 Language**

17.7.1 All agreements, correspondence and communications between the Parties relating to this Agreement and all other documentation to be prepared and supplied under the Agreement shall be written in English, and the Agreement shall be construed and interpreted in accordance with English language.

17.7.2 If any of the agreements, correspondence, communications or documents are prepared in any language other than English, the English translation of such agreements, correspondence, communications or documents shall prevail in matters of interpretation.

### **17.8 Restriction of Shareholders / Owners' Liability**

17.8.1 Parties expressly agree and acknowledge that none of the shareholders of the Parties hereto shall be liable to the other Parties for any of the contractual obligations of the concerned Party under this Agreement. Further, the financial liabilities of the shareholder/s of each Party to this Agreement, shall be restricted to the extent provided in the Indian Companies Act, 2013.

### **17.9 Taxes and Duties**

17.9.1 The BESSD shall bear and promptly pay all statutory taxes, duties, levies and cess, assessed/ levied on the BESSD, contractors or their employees that are required to be paid by the BESSD as per the Law in relation to the execution of the Agreement and for supplying power as per the terms of this Agreement.

17.9.2 NHPC shall be indemnified and held harmless by the BESSD against any claims that may be made against NHPC in relation to the matters set out in Article 17.9.1.

17.9.3 NHPC shall not be liable for any payment of, taxes, duties, levies, cess whatsoever for discharging any obligation of the BESSD by NHPC on behalf of BESSD.

### **17.10 Independent Entity**

17.10.1 The BESSD shall be an independent entity performing its obligations pursuant to the Agreement.

17.10.2 Subject to the provisions of the Agreement, the BESSD shall be solely responsible for the manner in which its obligations under this Agreement are to be performed. All employees and representatives of the BESSD or contractors engaged by the BESSD in connection with the performance of the Agreement shall be under the complete control of the BESSD and shall not be deemed to be employees, representatives, contractors of NHPC and nothing contained in the Agreement or in any agreement or contract awarded by the BESSD shall be construed to create any contractual relationship between any such employees, representatives or contractors

and NHPC.

#### **17.11 Compliance with Law**

Despite anything contained in this Agreement but without prejudice to this Article, if any provision of this Agreement shall be in deviation or inconsistent with or repugnant to the provisions contained in the Electricity Act, 2003, or any rules and regulations made there under, such provision of this Agreement shall be deemed to be amended to the extent required to bring it into compliance with the aforesaid relevant provisions as amended from time to time.

#### **17.12**

The duly executed Battery Energy Storage Sale Agreement (BESSA) between NHPC and Buying entity(s) as attached to this Agreement shall be read along with this Agreement as a composite back to back agreement for Generation and supply of electricity to the Buying entity(s), particularly, to fulfill the Renewable Purchase Obligations under the provisions of the Electricity Act, 2003 and the Regulations notified thereunder.

#### **17.13 Breach of Obligations**

The Parties acknowledge that a breach of any of the obligations contained herein would result in injuries. The Parties further acknowledge that the amount of the liquidated damages or the method of calculating the liquidated damages specified in this Agreement is a genuine and reasonable pre-estimate of the damages that may be suffered by the non-defaulting party in each case specified under this Agreement.

#### **17.14 Order of priority in application**

In case of inconsistencies between the agreement(s) executed between the Parties, applicable Law including rules and regulations framed thereunder, the order of priority as between them shall be the order in which they are placed below:

- i. applicable Law, rules and regulations framed thereunder;
- ii. the Grid Code; and
- iii. the terms and conditions of this Agreement;

IN WITNESS WHEREOF the Parties have caused the Agreement to be executed through  
their duly authorized representatives as of the date and place set forth above.

For and on behalf of  
[NHPC]

For and on behalf of  
[BESSD]

Name, Designation and Address

Signature with seal

Witness:

1.

2.

Name, Designation and Address

Signature with seal

Witness:

1.

2.



**Schedule-A:** Electricity (Timely Recovery of Costs due to Change in Law) Rules, 2021

**Schedule-B:**

1. Power rating of a 1000 MWh (500 MW x 2 hrs) BESS will be 500 MW, i.e., the maximum value of the active Output and Input Power at the Delivery Point. The Energy rating of - 1000 MWh of the system (cumulative for all the project locations) will be the dispatchable capacity at COD of the system, as measured at the Metering Point. Terms and definitions of terminologies related to BESS shall be as defined in IEC 62933-2-1.
2. The BESSD shall make the BESS available for 2 operational cycle per day, i.e. 2 complete charge-discharge cycle per day. Following provisions shall be applicable on the Project Capacity:
  - i. The procurement shall be in power (MW) terms. The BESSD shall install, operate and maintain the BESS to offer facility to the Buying Entity to charge and discharge the BESS on an “on demand” basis. The BESSD shall guarantee a minimum system availability of 95% on monthly basis. The BESSD shall pay the liquidated damages for such shortfall and shall duly pay such damages to NHPC to enable NHPC to remit the amount to Buying Entity under BESSA. Amount of such liquidated damages shall be twice the Capacity Charges for the capacity not made available.
  - ii. Availability of the Project shall mean the ability of the BESS to execute a function i.e. charging or discharging, when called upon to do so, as per the schedule or signal provided by the off-taker, subject to the minimum system ratings specified herein. In addition, the BESSD shall also demonstrate, on monthly basis, 100% of the minimum dispatchable Capacity of the BESS as required under Clause 6.1.e.iv of RfS

For a given BESPA, the Monthly availability guarantee shall commence from the date of commissioning of the system and shall be calculated as below:

Monthly System Availability = Mean of the System availabilities of all time-blocks during the Month in which the off-taker has scheduled power for charging/discharging the BESS.

where,

System Availability in a time-block=

$$\frac{\text{Actual Injection/Drawal } MU_i(A)}{\text{Scheduled Injection/Drawal } MU_i(B)},$$

where

- a) i refers to the  $i^{\text{th}}$  time-block in the month where Scheduled Injection/Drawal  $MU_i \neq 0$ .
  - b) Actual Injection/Drawal  $MU_i$  is the Energy Scheduled for Charging/Discharging in the  $i^{\text{th}}$  time block, in MUs
  - c) Scheduled Injection/Drawal  $MU_i$  is the Energy Scheduled for Charging/Discharging in the  $i^{\text{th}}$  time block, in MUs
  - d) A and B shall be as per the DSM/UI Reports published by the Regional RPCs / SLDC or measurement at the Main ABT Meter at the Point of Interconnection.
- iii. The BESSD shall guarantee AC to AC roundtrip efficiency (RtE) of system on monthly basis. The BESSD shall be liable for Liquidated Damages to the off-taker, if any, on account of excess conversion losses, based on the following conditions:
    - (a) For RtE <70%, there shall be a liquidated damage @ 1.5 times of APPC charge of

previous financial year of the Discom/ APDISCOMs of excess conversion losses considering system RtE = 85%; For  $70\% \leq \text{RtE} < 85\%$ , there shall be a liquidated damage levied @ APPC tariff of last year of buying entity, per unit of excess conversion losses considering system RtE = 85%.

- (b) For  $\text{RtE} > 85\%$ , there shall be incentive @Rs. 0.50 per unit of excess discharge of energy considering system RtE = 85%

**System Roundtrip Efficiency =**

$$\frac{\text{Sum Total of Actual Injection/Discharging } MUs_j \text{ in a month (C)}}{\text{Sum Total of Actual Drawal/Charging } MUs_j \text{ in a month (D)}}$$

Where,

j refers to the  $j^{\text{th}}$  month in a year;  $D \neq$

0;

$D \leq 2 \times E_{\text{bess}} \times (\text{MD}_{n-1} - (\text{MD}_{n-1} - \text{MD}_n) \times j/12) / \text{RtE}_g$ ;  $E_{\text{bess}}$

refers to Energy Rating specified in Clause 1 above;

$\text{MD}_{n-1}$  refers to minimum guaranteed dispatchable energy at the end of the previous year (as a % of Capacity at the COD specified in Clause 6.1.e.iv. of RfS);

$\text{MD}_n$  refers to minimum guaranteed dispatchable energy at the end of the current year;  $\text{RtE}_g$

refers to the guaranteed Round-Trip Efficiency under the BESP;A;

C and D shall be as per the DSM/UI Reports published by the Regional RPCs / SLDC or measurement at the Main ABT Meter at the Point of Interconnection.

Note:

- The Scheduled capacity shall be subject to the System Power Rating specified in Clause 1 above.
  - The BESSD shall take separate, metered connection for the Auxiliary Power load of BESS.
3. The nameplate ratings shall be achievable during discharge for the full range of environmental conditions at the project site when the battery is fully charged. In any case, the BESS shall be capable of being discharged at reduced power levels from that specified above. However, the energy discharged from the battery shall not require to be greater than the nameplate watt-hour rating specified herein.
  4. The Buying Entity shall, in accordance with Applicable Laws and Regulations thereunder, issue instructions to the BESSD through NHPC for dispatch of electricity to the Grid during such period and in such volume as it may specify in its instructions. The BESSD shall clearly specify the maximum recovery times required to restore the BESS for functional availability between duty cycles. However, in no case, the same shall be more than 1 hour.
  5. Operational Window: Operational Window shall mean the expected hours/duration of system (capacity) availability on each day during the term of the Contract, excluding:
    - a. Maximum BESS recovery time as specified in this document
    - b. Grid Outages (duly certified to this effect by the Grid Operator)
    - c. Planned Maintenance Outage duly informed by the BESSD to the off-taker with at least one month's prior notice, subject to total no. of planned outage period being not more than 34 hours in a two-month period.

BESSD will have to comply with the Charging and Discharging Schedule as intimated by Buying Entity.

6. In addition to above, the BESSD shall also submit Available energy Test Report for the Project Capacity as per IEC 62933-2-1 on Annual basis.
7. It shall be the responsibility of the BESSD to make periodic replacements/replenishments of system capacities (to ensure annual guaranteed system ratings), if and when required, up to the Term of the Contract. Outage time as a result of replacement will also be counted as an “Accountable BESS Outage” for the purpose of computing BESS Availability.



**SCHEDULE-1:Not used**

## SCHEDULE 2:

### ILLUSTRATIONS

*(Please refer Article 4.4 of this Agreement)*

#### Illustration

#### 1.

##### System Availability

Under a BESPA between an off-taker 'X' and BESSD 'Y' for a capacity 'C', the Schedule and Actual Injection into/Drawl from the Grid from the Project, as per the DSM/ UI Reports published by the SLDC for a Sample day is shown below:

Date	Block	Drawl (from Grid) Mus (Charging) X	Injection (into Grid) MUs (Discharging) (Y)	Schedule Mus (Z)	Time-block Availability, (TA) = (Xi/Zi) + (Yi/Zi)
01-May-24	1	0.088	0	0.088	1.00
01-May-24	2	0.088	0	0.088	1.00
01-May-24	3	0.075	0	0.088	0.85
01-May-24	4	0	0	0	NA
01-May-24	5	0	0	0	NA
01-May-24	6	0	0	0	NA
01-May-24	7	0	0	0	NA
01-May-24	8	0	0	0	NA
01-May-24	9	0	0	0	NA
01-May-24	10	0	0	0	NA
01-May-24	11	0	0	0	NA
01-May-24	12	0	0	0	NA
01-May-24	13	0	0	0	NA
01-May-24	14	0	0	0	NA
01-May-24	15	0	0	0	NA
01-May-24	16	0	0	0	NA
01-May-24	17	0	0	0	NA
01-May-24	18	0	0	0	NA
01-May-24	19	0	0	0	NA
01-May-24	20	0	0	0	NA
01-May-24	21	0	0	0	NA
01-May-24	22	0	0	0	NA
01-May-24	23	0	0	0	NA
01-May-24	24	0	0.075	0.075	1
01-May-24	25	0	0.075	0.075	1
01-May-24	26	0	0.075	0.075	1
01-May-24	27	0	0.075	0.075	1
01-May-24	28	0	0.075	0.075	1

01-May-24	29	0	0.075	0.075	1
01-May-24	30	0	0.06	0.075	0.8
01-May-24	31	0	0.05	0.075	0.67
01-May-24	32	0	0	0	NA
01-May-24	33	0	0	0	NA
01-May-24	34	0	0	0	NA
01-May-24	35	0	0	0	NA
01-May-24	36	0	0	0	NA
01-May-24	37	0	0	0	NA
01-May-24	38	0	0	0	NA
01-May-24	39	0	0	0	NA
01-May-24	40	0	0	0	NA
01-May-24	41	0	0	0	NA
01-May-24	42	0	0	0	NA
01-May-24	43	0	0	0	NA
01-May-24	44	0.088	0	0.088	1.00
01-May-24	45	0.088	0	0.088	1.00
01-May-24	46	0.088	0	0.088	1.00
01-May-24	47	0.088	0	0.088	1.00
01-May-24	48	0.088	0	0.088	1.00
01-May-24	49	0.088	0	0.088	1.00
01-May-24	50	0.088	0	0.088	1.00
01-May-24	51	0.088	0	0.088	1.00
01-May-24	52	0	0	0	NA
01-May-24	53	0	0	0	NA
01-May-24	54	0	0	0	NA
01-May-24	55	0	0	0	NA
01-May-24	56	0	0	0	NA
01-May-24	57	0	0	0	NA
01-May-24	58	0	0	0	NA
01-May-24	59	0	0	0	NA
01-May-24	60	0	0	0	NA
01-May-24	61	0	0	0	NA
01-May-24	62	0	0	0	NA
01-May-24	63	0	0	0	NA
01-May-24	64	0	0	0	NA
01-May-24	65	0	0	0	NA
01-May-24	66	0	0	0	NA
01-May-24	67	0	0	0	NA
01-May-24	68	0	0	0	NA
01-May-24	69	0	0	0	NA
01-May-24	70	0	0	0	NA
01-May-24	71	0	0	0	NA
01-May-24	72	0	0	0	NA
01-May-24	73	0	0	0	NA
01-May-24	74	0	0	0	NA
01-May-24	75	0	0	0	NA
01-May-24	76	0	0	0	NA
01-May-24	77	0	0	0	NA
01-May-24	78	0	0	0	NA
01-May-24	79	0	0	0	NA

01-May-24	80	0	0.07	0.075	0.93
01-May-24	81	0	0.07	0.075	0.93
01-May-24	82	0	0.07	0.075	0.93
01-May-24	83	0	0.070	0.075	0.93
01-May-24	84	0	0.075	0.075	1.00
01-May-24	85	0	0.07	0.075	0.93
01-May-24	86	0	0.07	0.075	0.93
01-May-24	87	0	0.07	0.075	0.93
01-May-24	88	0	0	0	NA
01-May-24	89	0	0	0	NA
01-May-24	90	0	0	0	NA
01-May-24	91	0	0	0	NA
01-May-24	92	0.075	0	0.088	0.85
01-May-24	93	0.075	0	0.088	0.85
01-May-24	94	0.075	0	0.088	0.85
01-May-24	95	0.078	0	0.088	0.88
01-May-24	96	0.08	0	0.088	0.90
<b>Total</b>		<b>1.338</b>	<b>1.115</b>		

i is the  $i^{\text{th}}$  Timeblock in the day.

The System Availability for the day is calculated as the mean of **Column TA**, for all time-blocks where **Column Z is not zero**.

From the above table, Day's System Availability = 0.94

Similarly, the System availability shall be calculated for 2880 time-blocks (96\*30) in a month (considering 30 days in a month), excluding time-blocks where Grid is unavailable or in case of Force Majeure.

Assuming the following parameters:

- Total Contract Capacity = 300 MW, **C**
- Quoted monthly Capacity charges = 2lakhs/MW/month, **D**
- Monthly system availability (as per procedure above) is calculated to be 0.94, **B**
- $n = 12$

Liquidated Damages on account of shortage in annual system Availability, as calculated from formula provided in Clause 6.2 of the RfS:

$$\begin{aligned}
 \text{Liquidated damages} &= (A - B) \times C \times D \times 2 \\
 &= (0.95 - 0.94) \times 300 \times 2 \times 2 \\
 &= \text{Rs. 12 lakhs}
 \end{aligned}$$

## 2. System Round Trip Efficiency

The present illustration is for calculating the Daily System Efficiency as demonstration only.

The same methodology shall be used for calculation of monthly system efficiency as per Clause 6.1.e.iii of the RfS.



System Efficiency =  $\frac{\text{Total of column-}}{\text{Total of column-X}} = \frac{1.115}{1.338} = 0.833 \sim 0.83$  (rounded off to 2 decimal places).

Assuming:

- a. monthly System Efficiency = 0.83,
- b. Total Monthly Drawl from Grid (Charging Power) = 40.14 MUs

Liquidated Damages is calculated @ say, Rs. 3 (i.e. APPC) for excess loss of energy considering expected System Efficiency to be 85%

Excess conversion losses =  $(0.85 - 0.83) \times \text{Total Drawl from the grid in the month (i.e. Charging Energy)}$

Liquidated Damages for the month = Rs.  $0.02 \times 40.14 \times \text{APPC Tariff for eg Rs } 3 = \text{Rs. } 2.408$   
Millions = **Rs. 24.08 lakhs**

### **SCHEDULE 3: COMMISSIONING PROCEDURE AND INDICATIVE SINGLE LINE DIAGRAM (SLD)**

### **SCHEDULE 4: BATTERY ENERGY STORAGE SALE AGREEMENT (BESSA)**



**Request for Selection for 500MW / 1000MWh InSTS Connected  
Standalone  
BESS in the state of Andhra Pradesh under TBCB**

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**BATTERY ENERGY STORAGE SALE  
AGREEMENT FOR  
SALE OF \_\_\_\_\_MW/ \_\_\_\_\_MWh of BESS  
CAPACITY ON LONG TERM BASIS**

**Between**

**NHPC Limited**

**And**

\_\_\_\_\_[Enter name of the Buying Entity/Utility]

This Battery Energy Storage Sale Agreement is made on the ..... day of.....of 20\_\_at..... ,

Between

NHPC Limited, a company incorporated under the Companies Act 1956, having its registered office at NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana) (hereinafter referred to as “**NHPC**”, which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assignees) as a Party of the first part.

And

.....[Enter name of the Buying Entity/ Utility], a company incorporated under the Companies Act 2013, having its registered office at..... (hereinafter referred to as “**Buying Entity/ Buying Utility**” which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns) as a Party of the second part.

NHPC and Buying Entity are individually referred to as ‘Party’ and collectively referred to as ‘Parties’

**WHEREAS:**

- A. The Ministry of Power, Government of India has issued the “Guidelines for Procurement and Utilization of Battery Energy Storage Systems as part of Generation, Transmission and Distribution assets, along with Ancillary Services” vide Resolution dated 10th March 2022, including subsequent amendments and clarifications thereof, if any, issued until \_\_\_\_\_[Enter the last date of bid submission of the RfS].
- B. NHPC has been designated as a BESS Implementing Agency (BIA) by Ministry of Power vide letter F.No.42-26/1/2022-NRE(Pt.II) dated 17.10.2024 for developing and facilitating the establishment of the Grid connected Battery Energy Storage Capacity in India in terms of the Policy / Guidelines issued by the Government of India;
- C. NHPC, as BESS Implementing Agency (BIA) and in line with the provisions of the Operational Guidelines for CPSU Component under the scheme for Viability

Gap Funding for Development of Battery Energy Storage System, issued by Ministry of Power, Government of India, vide resolution no. 42-26/1/2022-NRE-Part (II) dated 17.10.2024 had issued the RfS for selection of BESSD for development of 500MW / 1000 MWh standalone BESS project at the ..... being developed by ..... ( ..... ) in ..... district, ..... (herein after referred to as ‘ ..... and generally referred to as BESS Project or Project.

- D. NHPC had initiated a Tariff Based Competitive Bid Process for development of 1000 MWh (500 MW X 2 hrs.) of InSTS connected Battery Energy Storage Project(Project) on the terms and conditions contained in the Request for Selection Documents (hereinafter referred to as ‘RFS’) issued by NHPC vide RfS No..... dated... .....and subsequent amendments, if any;
- E. NHPC has signed/will sign Battery Energy Storage Purchase Agreements (BESPAs) with the Battery Energy Storage Developers (BESSDs) selected under the RfS mentioned herein above (hereinafter referred to as “BESSDs”) for procurement of \_\_\_\_\_MW/MWh of BESS Capacity from the Project(s) selected under the provisions of Request for Selection No.\_\_\_\_dated\_\_\_\_\_and subsequent amendment, if any) basedon the above mentioned Guidelines, on a long-term basis, as indicated at Schedule-B of BESSA;
- F. Buying Utility has agreed to purchase BESS Capacity from the NHPC under the above RfS and accordingly, NHPC has agreed to sign Battery Energy Storage Purchase Agreements (BESPAs) with BESSD for procurement of \_\_\_\_\_MW/\_\_\_\_\_MWh BESS Capacity on a long-term basis, as indicated at Schedule-B of BESPAs. Copy of the BESPAs shall be submitted to Buying Utility within thirty (30) days of the signing of the BESPAs and such BESPAs shall become integral part of this Agreement (NHPC-Buying Utility BESSA).
- G. Pursuant to the aforesaid objective, the Parties are desirous of entering into a Battery Energy Storage Sale Agreement (“BESSA”) i.e. a definitive agreement, regarding purchase of BESS Capacity from the Project(s). Pending execution of the necessary agreements and other relevant documents in relation to the transaction contemplated herein, the Parties wish to execute this BESSA setting out the respective obligations of the Parties and the steps necessary to complete the transactions contemplated herein.

The Parties have accordingly agreed to enter into this BESSA to record their understanding and agreement with regard to the purchase of BESS Capacity to be generated from the Project and in respect to the matters incidental or ancillary thereto, upon the terms and conditions set out herein below.

**NOW, THEREFORE, IN CONSIDERATION OF THE PROMISES AND MUTUAL AGREEMENTS, COVENANTS AND CONDITIONS SET FORTH HEREIN, IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:**

- I This Agreement shall come into effect from signing of this Agreement by both the parties and such date shall be the Effective Date for the purpose of this Agreement.
- II Notwithstanding the Effective Date, the condition precedent for the enforcement of the obligations of either Party against the other under this Agreement shall be that, within 120 days after the Effective Date of the BESPA, NHPC and/or the Buying Entity shall obtain all requisite approvals including approvals of BESSA (including adoption of tariff) from its State Electricity Regulatory Commission, on the terms and conditions contained in this Agreement read with the terms and conditions contained in the BESPA entered into between NHPC and the BESSD. The Parties agree that in the event the order of adoption of tariff as mentioned above is not issued by the SERC within the time specified above, this shall entail a corresponding extension in Scheduled Financial Closure and the Scheduled Commissioning Date of the Projects for equal number of days for which the SERC order has been delayed beyond the above deadline.
- III The duration of this Agreement shall be coextensive and coterminous with the duration of the BESPA to be entered into between the NHPC and the BESSD for all intent and purposes.
- IV Not used.
- V Subject to the terms and conditions contained herein, NHPC hereby agrees to sell and make available the BESS Capacity procured by NHPC from the \_\_\_\_\_ MW/ \_\_\_\_\_ MWh Project to be set up by the BESSD at \_\_\_\_\_ in \_\_\_\_ [Enter the location of the Projects] on the terms and conditions contained in the BESPA to be entered into between NHPC and the BESSD, as per the initialed BESPA (Schedule "A") on a back to back basis, to Buying Entity.
- VI. Buying Entity hereby acknowledges and accepts that NHPC is an Intermediary to facilitate the promotion of BESS Capacity and to purchase and re-sell the BESS Capacity to the Buying Entity to enable them to fulfill the requirement of BESS

Capacity and, therefore, the sale of BESS Capacity by NHPC to Buying Entity under this Agreement shall be entirely on a back to back basis to the purchase of BESS Capacity by NHPC from the BESSDs under the NHPC-BESSD BESPA, with the intent that there shall be no residual liability on the NHPC towards the BESSD which will not be fulfilled by the Buying Entity.

- VII. In accordance with the above and except as otherwise specifically provided in this agreement, the rights and obligations of Buying Entity under this agreement shall be available and enforceable entirely and effectively on a back to back basis to the rights and obligations of the NHPC in the NHPC-BESSD BESPA and in the event NHPC is not in a position to enforce its rights against the BESSD or is subject to any obligation to be performed towards BESSD, Buying Entity shall be liable to perform such obligation or shall be entitled to such rights only on a mutatis mutandis basis, without any additional or independent exposure whatsoever to NHPC.
- VIII. Except as otherwise specifically provided in this agreement, Buying Entity acknowledges and accepts that the terms and conditions of the NHPC- BESSD BESPA shall mutatis mutandis apply to this Agreement between the parties. Buying Entity agrees to correspondingly fulfill, on back to back basis, all the obligations assumed by NHPC towards BESSD. Buying Entity further agrees, acknowledges and accepts that as an Intermediary, NHPC is not assuming any obligation to Buying Entity over and above the obligation which the BESSD shall duly perform under the NHPC – BESSD BESPA.
- IX. NHPC has agreed with the BESSD in regard to the payment of money becoming due to BESSD under the NHPC – BESSD BESPA and NHPC shall be liable to discharge the payment obligation in terms of the provisions of the NHPC- BESSD BESPA. Accordingly, Buying Entity agrees to effectively securitize the payment of money becoming due from Buying Entity to NHPC and Buying Entity shall make such payment to NHPC in a timely as detailed in this Agreement, to enable NHPC to make onward payment to the BESSD under NHPC-BESSD BESPA.
- X. The parties agree that in respect of the obligations other than the payment obligation specifically mentioned herein above, in the event Buying Entity has any claim against NHPC in regard to the performance of any obligation of NHPC under this Agreement or enforcement of any right of Buying Entity against NHPC under this Agreement, the same shall be subject to the ability of NHPC to enforce the corresponding obligations assumed by BESSD to NHPC under the NHPC-BESSD BESPA. NHPC shall not be required to perform and implement the obligations of

NHPC or agree to the enforcement of the rights of Buying Entity under this Agreement till such time the corresponding obligations under NHPC-BESSD BESPA is duly implemented by the BESSD and in case of monetary obligations the amount is received by NHPC from the BESSD. In the event of any such claim arising at the instance of Buying Entity, the parties shall discuss on the course of action to be initiated by NHPC against the BESSD for enforcement of the corresponding obligation and all proceedings to be initiated by NHPC against the BESSD for such enforcement shall be pursued by NHPC in consultation with Buying Entity.

- XI. The parties hereby agree that the BESSD shall be liable to pay compensation under the NHPC-BESSD BESPA for any shortfall in performance requirement of BESS Capacity provided under Article 4.4.2 of the BESPA from the contracted capacity. The amount of such compensation shall be as determined as per the manner and methodology specified in the BESPA and such amount shall be passed on to the Buying Entity is offset for all potential costs associated with shortfall in performance requirement under the BESPA. This amount so collected from the BESSD shall be passed on to the Buying Entity. In case the Buying Entity does not avail the remittance of such compensation within sixty (60) days of the end of corresponding Contract Year, the Buying Entity shall have a right to recover the same from the amount payable by Buying Entity against Monthly Invoices. The Parties agree that as an intermediary, NHPC shall have no legal obligation to pay any amount towards this compensation, except when the amount of such compensation has been recovered from the BESSD by NHPC without any conditions and encumbrances and the amount is available for appropriation by NHPC.
- XII. The parties agree that the various terms contained in the NHPC-BESSD BESPA such as Scope of Project, Terms of the Agreement, Performance Guarantee, Conditions Subsequent, Obligations of the respective Parties, Construction of the Power Generation Capacity, Synchronization, Commissioning and Commercial Operation, Operation and Maintenance, Purchase and Sale of BESS Capacity, Metering and Dispatch of BESS Capacity, Charging and Discharging of BESS Power, Billing, Accounting and payments, Liabilities, Force Majeure, Events of Default, Termination, Transfer, Change in Law, Indemnity, Insurance, Assignment and Changes, Financing and Bankability, Representations and Warranties, Governing Law, Notices, etc. and all other Miscellaneous Terms provided in the NHPC- BESSD BESPA shall mutatis mutandis apply to this agreement between NHPC and Buying Entity.

- XIII. The Buying Entity shall be responsible for directly coordinating and dealing with the BESSD, State Load Dispatch Centers, Regional Power Committees, and other authorities in all respects in regard to declaration of availability, scheduling and despatch of Charging & Discharging of Energy from the BESS Capacity and due compliance with deviation and settlement mechanism and the applicable Grid code Regulations, acknowledging that the BESSD and Buying Entity are the Grid connected entities and NHPC as intermediary procurers/ trading licensee is not a Grid connected entity in respect of the BESS Capacity contracted under this Agreement;
- XIV. The Buying Entity shall be responsible for obtaining Grid Access as per the regulations of State Electricity Regulatory Commission within 30 days of signing of BESSA, at its own risk and cost. It is further clarified that the Entities (BESSD and Buying Entity) as indicated in the Detailed Procedure issued subsequently under the above Regulation, will be responsible for their respective obligation irrespective of the provisions of the RfS, BESPA and BESSA.

#### ***Article 1. APPLICABLE TARIFF***

- 1.1** The Tariff applicable for the sale of BESS Capacity by NHPC to the Buying Entity under this Agreement shall be the Tariff as applicable for payment by NHPC to BESSD under the terms of the BESPA between NHPC and the BESSD (Individual BESSDs tariff as per schedule B) fixed for entire term of agreement at delivery point and in addition thereto a trading margin of 0.5% of the applicable capacity charges / tariff OR 7 paise / kWh as the case may be and any taxes and duties including GST (if applicable) for making BESS capacity available to the Buying Entity under this Agreement, shall be payable by the Buying Entity to NHPC over and above of the Applicable Tariff under BESPA, which NHPC shall be entitled to appropriate as its income.
- 1.2** As per provisions of the BESPA, the BESSDs are permitted for full as well as part commissioning of the Project even prior to the SCD. In case of early part / full commissioning of the Project(s) prior to SCD, Buying Entity shall purchase the BESS Capacity at Applicable capacity charges / tariff as per the BESPA, plus NHPC's Trading Margin of Rs 0.5% of the Applicable capacity charges / Tariff OR 7 paise / kWh as the case may be as per BESPA.



- 1.3** Incentive for Higher Round Trip Efficiency of 85%: BESSD will be liable to receive an amount calculated @ INR 0.5/kWh for incremental supply on account of Round-trip Efficiency in excess of 85%.

## ***Article 2. BILLING AND PAYMENT***

### **2.1 General**

The parties acknowledge and accept that the Electricity (Late Payment Surcharge and related matters) Rules, 2022 [hereinafter referred to as '**Rules**'] notified by the Central Government in exercise of the power conferred by Sub-section (1) of Section 176 of the Electricity Act, 2003 shall apply and govern the terms and conditions of this Agreement (BESSA) in regard to matters contained in the said Rules including but not limited to the Late Payment Surcharge, adjustment towards the Late Payment Surcharge, Payment Security mechanism-its operations and consequences, actions of Defaulting Entities, supply obligation of BESSD, power not requisitioned by the Buying Entity, the order of payment and adjustment towards late payment surcharge and indemnification. The above shall apply both in regard to the present agreement as well as on mutatis mutandi and back to back basis to the BESPA. The Rules referred to hereinabove being statutory shall, to the extent applicable, supersede any provisions in this Agreement (BESSA) and BESPA which are inconsistent or contrary to the provisions of the Rules.

Subject to above, from the commencement of availability of BESS Capacity by NHPC, the Buying Entity shall pay to NHPC the monthly Tariff Payments, on or before the Due Date i.e., within 45 days from date of submission of invoice, in accordance with Tariff as specified in Article 1. All Tariff Payments by the Buying Entity shall be in Indian Rupees.

\_\_\_\_ NHPC shall issue to the Buying Entity a signed Monthly Bill on the first business day of the month prepared based on provisional BESS Capacity of the preceding month (except for first month which shall be computed based on Contracted capacity of project as appropriated under this Agreement) and shall also include the following:

- i) Adjustments bill against the Provisional Bills based on availability of BESS Capacity in the preceding months

- ii) Amount payable on account of shortfall in performance requirement as per BESPA
- iii) Late Payment Surcharge if any
- iv) Taxes, duties Levies etc. as applicable

## **2.2 Payment of Monthly Bills**

2.2.1 The Buying Entity shall pay the amount payable under the Monthly Bill on or before the Due Date i.e., within 45 days of presentation of bill within official hours, to such account of NHPC, as shall have been previously notified to the Buying Entity in accordance with Article 2.2.2 below.

2.2.2. NHPC shall open a bank account at New Delhi ("NHPC's Designated Account") for all Tariff Payments to be made by the Buying Entity to NHPC, and notify the Buying Entity of the details of such account at least ninety (90) Days before the dispatch of the first Monthly Bill. The Buying Entity shall also designate a bank account at \_\_\_\_\_. The Buying Entity shall inform NHPC the details of such account ninety (90) Days before the dispatch of the first Monthly Bill. NHPC and the Buying Entity shall instruct their respective bankers to make all payments under this Agreement to the Buying Entity' Designated Account or NHPC's Designated Account, as the case may be, and shall notify either Party of such instructions on the same day.

## **2.3 Late Payment Surcharge**

In the event of payment of a Monthly Bill by the Buying Entity beyond the Due Date, a Late Payment Surcharge (LPS) shall be payable by the Buying Entity to NHPC on the outstanding payment, at the base rate of Late Payment Surcharge applicable for the period for the first month of default. "Base rate of Late Payment Surcharge" means the marginal cost of funds based lending rate for one year of the State Bank of India, as applicable on the 1st April of the financial year in which the period lies, plus five percent and in the absence of marginal cost of funds based lending rate, any other arrangement that substitutes it, which the Central Government may, by notification, in the Official Gazette, specify.

The Late Payment Surcharge shall be claimed by NHPC through the Supplementary Bill.

Late Payment Surcharge shall be payable on the outstanding payment beyond the Due Date at the base rate of Late Payment Surcharge applicable for the period for the first month of default. The rate of Late Payment Surcharge for the successive months of default shall increase by 0.5 percent (50 bps) for every month of delay provided that the Late Payment Surcharge shall not be more than 3 percent higher than the base rate at any time:

- (a) All payments by the Buying Entity to NHPC for BESS Capacity procured from it shall be first adjusted towards Late Payment Surcharge and thereafter, towards monthly charges, starting from the longest overdue bill.

***Order of payment and adjustment towards Late Payment Surcharge*** - All the bills payable by the Buying Entity to NHPC for the energy storage capacity procured from it, shall be time tagged with respect to the date and time of submission of the bill and the payment made by the Buying Entity shall be adjusted first against the oldest bill and then to the second oldest bill and so on, so as to ensure that payment against a bill is not adjusted unless and until all bills older than it have been paid for.

- (b) If the period of default lies in two or more financial years, the base rate of Late Payment Surcharge shall be calculated separately for the periods falling in different years.

## **2.4 Rebate**

For payment of any Bill on or before Due Date, the following Rebate shall be paid by the NHPC to Buying Entity in the following manner:

- a) A Rebate of 1.5% shall be payable to the Buying Entity for the payments made within a period of five (5) days of presentation of bills through email.
- b) Any payments made beyond a period of 5 days up to and including the 30<sup>th</sup> Day from the date of presentation of bills through email, shall be allowed a rebate of 1%.
- c) No Rebate shall be payable on the Bills raised on account of Change in Law relating to taxes, duties, cess etc. and Late Payment Surcharge.

- d) No rebate shall be payable on the bills raised on account of taxes, Duties, cess etc.

## **2.5 Payment Security Mechanism**

### **(A) Letter of Credit (LC):**

- 2.5.1 The Buying Entity shall provide to NHPC, in respect of payment of its Monthly Bills, a single, unconditional, revolving and irrevocable letter of credit (“Letter of Credit”), opened and maintained by the Buying Entity, which may be drawn upon by NHPC in accordance with this Article. The Buying Entity shall provide NHPC draft of the Letter of Credit proposed to be provided to NHPC two (2) months before the Scheduled Commissioning Date.
- 2.5.2 Not later than one (1) Month before the Start of availability of the BESS Capacity, the Buying Utility shall through a scheduled bank at\_\_\_\_\_, open a Letter of Credit in favour of NHPC, to be made operative at least 15 days prior to the Due Date of its first Monthly Bill under this Agreement. The Letter of Credit shall have a term of twelve (12) Months and shall be reviewed after every 12 month for an amount equal to:
- i) for the first Contract Year, equal to the monthly Tariff Payments;
  - ii) for each subsequent Contract Year, equal to the average of the monthly Tariff Payments of the previous Contract Year.
- 2.5.2 NHPC shall not draw upon such Letter of Credit prior to the Due Date of the relevant Monthly Bill, and shall not make more than one drawl in a Month provided that there are no outstanding dues.
- 2.5.3 Provided further that if at any time, such Letter of Credit amount falls short of the amount specified in Article 2.5.2 due to any reason whatsoever, the Buying Entity shall restore such shortfall within seven (7) days.
- 2.5.4 The Buying Entity shall cause the scheduled bank issuing the Letter of Credit to intimate NHPC, in writing regarding establishing of such irrevocable Letter of Credit and any of the changes therein.
- 2.5.5 The Buying Entity shall ensure that the Letter of Credit shall be renewed not later than its expiry.

2.5.6 All costs relating to opening, maintenance of the Letter of Credit shall be borne by the Buying Entity.

2.5.7 If the Buying Entity fails to pay a Monthly Bill or part thereof within and including the Due Date, then, subject to Article 2.5.3 and 2.9, NHPC may draw upon the Letter of Credit, and accordingly the bank shall pay without any reference or instructions from the Buying Entity, an amount equal to such Monthly Bill or part thereof, by presenting to the scheduled bank issuing the Letter of Credit, the following documents:

- i) a copy of the Monthly Bill which has remained unpaid by the Buying Entity;
- ii) a certificate from NHPC to the effect that the bill at item (i) above, or specified part thereof, is in accordance with the Agreement and has remained unpaid beyond the Due Date;

## **2.6 State Government Guarantee**

The Buying Utility shall extend the State Government Guarantee, in a legally enforceable form, such that there is adequate security, both in terms of payment of energy charges and termination compensation if any [for the purpose of this clause, the Tri-Partite Agreement (TPA) signed between Reserve Bank of India, Central Government and State Government shall qualify as State Government Guarantee covering the security for payment of energy charges]. The BIA shall ensure that upon invoking this guarantee, it shall at once, pass on the same to the BESSD, to the extent the payments to the BESSD in terms of the BESPA are due.

Provided that, in cases where the Buying Entity is neither covered by Tri-Partite Agreement (TPA) nor is it able to provide the State Government Guarantee, in such cases, Buying Entity will provide Letter of Credit with respect to monthly billing, as per following:

- a) For the 1<sup>st</sup> Contract Year, equal to 2.10 times the amount corresponding to the committed BESSA Capacity as per the BESSA.
- b) For the subsequent years, equal to 2.10 times the average monthly bills of previous year.

## **2.7 Payment Security Fund**

In addition to provisions contained in Article 2.6 above, the Buying Entity may provide Payment Security Fund, which shall be suitable to support payment of at least 3 (three) months' billing, of all the Projects tied up with such fund. The parties agree that subsequent to opening of the above Payment Security Fund, the proceeds of encashment of PBGs upon default of the BESSD (if any) under the respective BESPA shall be passed on to the BIA / Buying Utility as per the modalities notified by MOP/MNRE for operation of Payment Security Fund.

It is hereby clarified that the State Government guarantee shall be invoked only after the NHPC has been unable to recover its dues under the BESSA by means of the Letter of Credit and the Payment Security Fund as provided by buying entity.

## **2.8 Third Party Sale – Not used**

## **2.9 Disputed Bill**

- 2.9.1 If the Buying Entity does not dispute a Monthly Bill raised by the other Party within fifteen (15) days of receiving such Bill shall be taken as conclusive and binding.
- 2.9.2 If Buying Entity disputes the amount payable under a Monthly Bill it shall pay 95% of the disputed amount and it shall within fifteen (15) days of receiving such Bill, issue a notice (the "Bill Dispute Notice") to the invoicing Party setting out:
- i) the details of the disputed amount;
  - ii) its estimate of what the correct amount should be; and
  - iii) all written material in support of its claim.
- 2.9.3 If the NHPC agrees to the claim raised in the Bill Dispute Notice issued pursuant to Article 2.9.2, the NHPC shall make appropriate adjustment in the next Monthly Bill.
- 2.9.4 If the NHPC does not agree to the claim raised in the Bill Dispute Notice issued pursuant to Article 2.9.2 it shall, within fifteen (15) days of receiving the Bill Dispute Notice, furnish a notice (Bill Disagreement Notice) to the disputing Party providing:
- i) reasons for its disagreement;
  - ii) its estimate of what the correct amount should be; and

iii) all written material in support of its counter-claim.

- 2.9.5 Upon receipt of the Bill Disagreement Notice by the Buying entity under Article 2.9.4, authorized representative(s) or a director of the board of directors/ member of board of the Buying Entity and NHPC shall meet and make best endeavors to amicably resolve such dispute within fifteen (15) days of receipt of the Bill Disagreement Notice.
- 2.9.6 If the Parties do not amicably resolve the Dispute within fifteen (15) days of receipt of Bill Disagreement Notice pursuant to Article 2.9.5, the matter shall be referred to Dispute resolution in accordance with governing Laws and Dispute resolution in BESPA.
- 2.9.7 For the avoidance of doubt, it is clarified that despite a Dispute regarding an Invoice, the Buying entity shall, without prejudice to its right to Dispute, be under an obligation to make payment of 95% of the disputed amount in the Monthly Bill.

## **2.10 Quarterly and Annual Reconciliation**

- 2.10.1 The Parties acknowledge that all payments made against Monthly Bills shall be subject to quarterly reconciliation and adjustment, if any, within thirty (30) days of the end of the quarter of each Contract Year and annual reconciliation and adjustment, if any, at the end of each Contract Year within thirty (30) days thereof to take into account the Energy Accounts, Tariff adjustment payments, Tariff Rebate, Late Payment Surcharge, or any other reasonable circumstance provided under this Agreement..
- 2.10.2 The Parties, therefore, agree that as soon as all such data in respect of any quarter of a Contract Year or a full Contract Year as the case may be has been finally verified and adjusted, the Buying Utility and NHPC shall jointly sign such reconciliation statement. After signing of a reconciliation statement, the NHPC shall make appropriate adjustments in the following Monthly Bill, with Surcharge/Interest, as applicable. Except for the Tariff adjustment made during the period from commencement of supply to commissioning of the cumulative awarded capacity/accepted cumulative capacity by NHPC, Late Payment Surcharge/ interest shall be payable in such a case from the date on which such payment had been made to the invoicing Party or the date on which any payment was originally due, as may be applicable. Any Dispute with

regard to the above reconciliation shall be dealt with in accordance with the provisions of Article 16 of BESPA.

## **2.11. Contracted Capacity & penalty for shortfall**

2.11.1 deleted

2.11.2 deleted

2.11.3 The provisions of Article 4.4.1 of the BESPA shall be applicable mutatis mutandis to this Agreement. BESSD, in any Contract Year except for the Contract Year ending on 31st March immediately after COD of the Project, shall not be obliged to supply / make available any BESS capacity beyond / over and above Contracted Capacity. After the declaration of UCOD / COD, Charging power for charging of the BESS Capacity shall be scheduled and supplied by the Buying Entity. In no case, Buying Entity shall demand / schedule any energy in excess of 85% of the energy scheduled considering minimum round trip efficiency of the BESS being 85%. However, in case BESSD could demonstrate Round trip Efficiency in excess of 85%, for such incremental energy on account better Round Trip Efficiency, BESSD will be liable to receive an amount calculated @ INR 0.50/kWh for such incremental supply on account of higher Round trip efficiency. Schedule of charging and Discharging will be as per extant regulations / provisions. Further, during a Day, Buying Entity shall not ask for / schedule any BESS capacity / Energy in excess of 2 cycles of charge and discharge of 2 hours each. For an example, in a cycle charge to the rated capacity for 2 hours is permitted which could be a single stretch of 2 hours or multiple stretch having total cumulative time period of 2 hours. Similarly, for discharge, there could be a single stretch of 2 hours or multiple stretch having total cumulative time period of 2 hours subject to condition that total scheduled discharge of energy from BESS as demanded by the Buying Entity shall be limited to 85% of the energy supplied by the Buying Entity.

BESSD shall be liable to pay compensation under the NHPC-BESSD to BESPA for any shortfall in performance requirement of BESS Capacity provided under Article 4.4.2 of the BESPA from the contracted capacity. The amount of such compensation shall be as determined as per the manner and methodology specified in the BESPA and such amount shall be passed on to the Buying Entity to offset for all potential costs associated with shortfall in performance requirement under the BESPA.



The lower limit i.e. min.1 monthly availability of the BESS being 95% i.e., however be relaxable to the extent of grid non-availability for evacuation which is beyond the control of the BESSD (as certified by the SLDC/RLDC). Further, no compensation shall be applicable in case of non-meeting of performance requirement as stipulated in BESPA in events of Force Majeure identified under BESPA with NHPC, affecting scheduling of BESS capacity.

2.11.4 deleted

2.11.5 deleted

## **2.12 Payment of Supplementary Bill**

2.12.1 NHPC may raise a "Supplementary Bill" for payment on account of:

- i) Change in Law as provided in Article 12 of BESPA, or
- ii) Payment under Article 2.13 and other charges, if any.

And such Supplementary Bill shall be paid by the other Party.

2.12.2 Buying Entity shall remit all amounts due under a Supplementary Bill raised by the NHPC to the NHPC's Designated Account by the Due Date.

2.12.3 In the event of delay in payment of a Supplementary Bill by either Party beyond its Due Date, a Late Payment Surcharge shall be payable at the same terms applicable to the Monthly Bill in Article 2.3.

## **2.13 Offtake constraints due to Transmission Infrastructure /Grid Unavailability & Backdown**

2.13.1. Not used.

2.13.2 Compensation due to reduced offtake by the Buying Entity: BESSD shall not be eligible for any compensation in case of reduced offtake of power (less than the contracted capacity) by the Buying Entity. However, for such cases also, the BESSD shall be liable to receive Applicable Tariff as per the provisions of BESPA and Buying Entity shall make such payment as per provisions of this Agreement.

### ***Article 3: EVENTS OF DEFAULT AND TERMINATION***

#### ***3.1 Buying Entity Event of Default***

3.1.1 The occurrence and continuation of any of the following events, unless any such event occurs as a result of a Force Majeure Event, shall constitute a Buying Entity Event of Default:

- (i) Any amount subject to Article remains outstanding beyond a period of ninety (90) days after the Due Date and NHPC is unable to recover the amount outstanding from the Buying Entity through the Letter of Credit, Payment Security Fund and; or
- (ii) The Buying Entity fails to schedule BESS capacity from the Delivery Points for a continuous period of one week.
- (iii) if (a) the Buying Entity becomes voluntarily or involuntarily the subject of any bankruptcy or insolvency or winding up proceedings and such proceedings remain uncontested for a period of thirty (30) days, or (b) any winding up or bankruptcy or insolvency order is passed against the Buying Entity, or (c) the Buying Entity goes into liquidation or dissolution or has a receiver or any similar officer appointed over all or substantially all of its assets or official liquidator is appointed to manage its affairs, pursuant to Law,

Provided that a dissolution or liquidation of the Buying Entity will not be a Buying Entity Event of Default if such dissolution or liquidation is for the purpose of a merger, consolidation or reorganization and where the resulting company retains creditworthiness similar to the Buying Entity and expressly assumes all obligations of the Buying Entity under this Agreement and is in a position to perform them; or

- (iv) the Buying Entity repudiates this Agreement and does not rectify such breach within a period of thirty (30) days from a notice from NHPC in this regard; or
- (v) except where due to any Buying Entity's failure to comply with its material obligations, the Buying Entity is in breach of any of its material obligations pursuant to this Agreement, and such material breach is not rectified by the

Buying Entity within thirty (30) days of receipt of first notice in this regard given by NHPC.

- (vi) Occurrence of any other event which is specified in this Agreement to be a material breach/ default of the Buying Entity.

### **3.2 Procedure for cases of Buying Entity Event of Default**

- 3.2.1 Upon the occurrence and continuation of any Buying Entity Event of Default under Article 3.1, NHPC shall have the right to deliver to the Buying Entity a notice, stating its intention to terminate this Agreement (NHPC Preliminary Default Notice), which shall specify in reasonable detail, the circumstances giving rise to the issue of such notice.
- 3.2.2 Following the issue of NHPC Preliminary Default Notice, the Consultation Period of sixty (60) days or such longer period as the Parties may agree, shall apply and it shall be the responsibility of the Parties to discuss as to what steps shall have to be taken with a view to mitigate the consequences of the relevant Event of Default having regard to all the circumstances.
- 3.2.3 During the Consultation Period, the Parties shall, save as otherwise provided in this Agreement, continue to perform their respective obligations under this Agreement.
- 3.2.4 Within a period of seven (7) days following the expiry of the Consultation Period unless the Parties shall have otherwise agreed to the contrary or the Event of Default giving rise to the Consultation Period shall have ceased to exist or shall have been remedied, the NHPC may terminate this Agreement by giving a written Termination Notice of thirty (30) days to the Buying Entity.
- 3.2.5 Subject to the occurrence and continuation of default by as contained under Article 3.1 and before expiry of time period of 30 days as per Clause 3.2.4,
- 3.2.6 Subject to the prior consent of the NHPC, the Buying Entity shall novate its part of the BESSA to any third party, including its Affiliates within the period of 210 days beyond the period as per 3.2.4. In this case, the Procurer shall pay amount equivalent to 3 (three) months of energy billing based on the declared availability, or balance BESPA, period, whichever is less, for its contracted capacity, with the Project assets being retained by the BESSD, and exit from the BESPA/BESSA.

3.2.7 In the event the aforesaid novation is not acceptable to NHPC, or if no offer of novation is made by the defaulting Buying Entity, then NHPC on expiry of 30 days as provided in article 3.2.4 may terminate the BESSA and at its discretion require the defaulting Buying Entity to

- (i) pay to the BESSD, damages, amount equivalent to the last 6 (six) months average billing, or balance BESPA period whichever is less, of charges for its contracted capacity, with the Project assets being retained by the BESSD.

### **3.3 Termination due to Force Majeure**

If the Force Majeure Event or its effects continue to be present beyond a period of 180 days; either Party shall have the right to cause termination of the Agreement. In case neither party terminates the Agreement under this clause, the Agreement shall stand terminated on the expiry of twelve (12) months of the continuation of the Force Majeure event without any further liability to either Party from the date of such termination unless the parties mutually agree to extend the Agreement for the further period.

### **3.4. Termination of back to back agreements**

In case of termination of NHPC-BESSD BESPA, this Agreement shall automatically terminate to the extent of particular NHPC-BESSD capacity. Provided that in case of such termination as identified in this Article any pending monetary liabilities of either Party shall survive on the termination of this Agreement. In the event of termination of BESPA/BESSA, any damages or charges payable to the STU, for the connectivity of the Project, shall be borne by the entity due to whose failure, the termination was triggered.

## ***ARTICLE 4: MISCELLANEOUS PROVISIONS***

### **4.1 Amendment**

- 4.1.1 This Agreement may only be amended or supplemented by a written agreement between the Parties, with the approval of the Appropriate Commission, if necessary. Subject to the provisions of the RfS Document and keep this Agreement as principle Agreement, both Parties may execute further Agreement on similar terms and conditions.

#### **4.2 Third Party Beneficiaries**

4.2.1 This Agreement is solely for the benefit of the Parties, BESSD and their respective successors and permitted assigns and shall not be construed as creating any duty, standard of care or any liability to, any person not a party to this Agreement.

#### **4.3 Waiver**

4.3.1 No waiver by either Party of any default or breach by the other Party in the performance of any of the provisions of this Agreement shall be effective unless in writing duly executed by an authorized representative of such Party:

4.3.2 Neither the failure by either Party to insist on any occasion upon the performance of the terms, conditions and provisions of this Agreement nor time or other indulgence granted by one Party to the other Parties shall act as a waiver of such breach or acceptance of any variation or the relinquishment of any such right or any other right under this Agreement, which shall remain in full force and effect.

#### **4.4 Confidentiality**

4.4.1 The Parties undertake to hold in confidence this Agreement and not to disclose the terms and conditions of the transaction contemplated hereby to third parties, except:

- a) to their professional advisors;
- b) to their officers, contractors, employees, agents or representatives, financiers, who need to have access to such information for the proper performance of their activities; or
- c) disclosures required under Law without the prior written consent of the other Party.

#### **4.5 Severability**

4.5.1 The invalidity or unenforceability, for any reason, of any part of this Agreement shall not prejudice or affect the validity or enforceability of the remainder of this Agreement, unless the part held invalid or unenforceable is fundamental to this Agreement.

#### **4.6 Notices**

4.6.1 All notices or other communications which are required to be given under this Agreement shall be in writing and in the English language.

4.6.2 If to the Buying entity, all notices or other communications which are required must

be delivered personally or by registered post or facsimile or any other method duly acknowledged to the addresses below:

Address :

Attention :

Email :

Fax. No. :

Telephone No.:

- 4.6.3 If to NHPC, all notices or communications must be delivered personally or by registered post or facsimile or any other mode duly acknowledged to the address below:

Name:

Designation:

Address:

Email:

Fax. No:

Telephone No

#### **4.7 Compliance with Law**

Despite anything contained in this Agreement but without prejudice to this Article, if any provision of this Agreement shall be in deviation or inconsistent with or repugnant to the provisions contained in the Electricity Act, 2003, or any rules and regulations made there under, such provision of this Agreement shall be deemed to be amended to the extent required to bring it into compliance with the aforesaid relevant provisions as amended from time to time.

- 4.8 The duly executed BESPA between NHPC and BESSD shall be attached to this Agreement and shall be read along with Agreement as a composite back to back process for BESS Capacity under the provisions of the Electricity Act, 2003 and the Regulations notified thereunder.

IN WITNESS WHEREOF the Parties have caused the Agreement to be executed through their duly authorized representatives as of the date and place set forth above.



For and on behalf of  
[NHPC]

For and on behalf of  
[.....]

\_\_\_\_\_  
Signature with seal

1. Witness

2. Witness

## **SCHEDULE A**

1. BESPA



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**SCHEDULE B**

<p><b>Details of Successful Projects</b></p>
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**Annexure - 4**

**IMPORTANT INSTRUCTIONS TO BIDDERS FOR ONLINE BIDDING**

The Techno-commercial Bid and Price Bid to be submitted on-line at Central Public Procurement e-Portal <http://eprocure.gov.in/eprocure/app>. The bidders are required to submit soft copies of their bids electronically on the Central Public Procurement (CPP) Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

**Registration:**

- i) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal by using the “Online Bidder Enrolment” option available on the home page. Enrolment on the CPP Portal is free of charge.
- ii) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- iii) During enrolment/ registration, the bidders should provide the correct/true information including valid email-id & mobile no. All the correspondence shall be made directly with the Consultants/ bidders through email-id provided.
- iv) For e-tendering possession of valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) is mandatory which can be obtained from SIFY/ TCS/ nCode/ eMudra or any Certifying Authority recognized by CCA India one Token/ Smart Card.
- v) Upon enrolment on CPP Portal for e-tendering, the bidders shall register their valid Digital Signature Certificate with their profile.
- vi) Only one valid DSC should be registered by a bidder. Bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse and should ensure safety of the same.
- vii) Bidders can then log into the site through the secured login by entering their user ID/password and the password of the DSC/ eToken.

**Searching for Tender documents:**

- a) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- b) Once the bidders have selected the tenders they are interested in, they may download the required documents/ tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate



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the bidders through SMS/ e-mail in case there is any corrigendum issued to the tender document.

- c) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/ help from the Helpdesk.

### **Preparation of Bids:**

- a) For preparation of bid, Bidders shall search the tender from published tender list available on site and download the complete tender document and should take into account corrigendum, if any, published before submitting their bids. After selecting the tender document same shall be moved to the 'My Favourite' folder of bidders account from where bidder can view all the details of the tender document.
- b) Bidder shall go through the tender document carefully to understand the documents required to be submitted as part of the bid. Bidder shall note the number of covers in which the bid documents have to be submitted, the number of documents, including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c) Any clarifications if required then same may be obtained online through the tender site, or through the contact details given in the tender document.
- d) Bidders should get ready in advance the bid documents to be submitted as indicated in the tender document/ schedule in PDF/ xls/ rar/ zip/ dwf formats. If there is more than one document, they can be clubbed together using zip format.
- e) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, Annual Reports, Auditor Certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" or "Other Important Documents" area as per tender requirements while submitting the bid, and need not be uploaded again and again. This will lead to reduction in the time required for bid submission process.

### **Submission of Bids:**

- i) Bidder should log into the site well in advance for bid submission so that he/ she upload the bid in time i.e. on or before the bid submission time.
- ii) Bidder should prepare the Tender Fee and EMD as per the instructions specified in the NIT/ tender document. The originals should be submitted to the Tender Inviting Authority, on or before the last date & time of offline bid submission. The details of the DD/BC/BG, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.



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- iii) While submitting the bids online, the bidder shall read the terms & conditions (of CPP portal) and accepts the same in order to proceed further to submit their bid.
- iv) Bidder shall select the payment option as 'offline' to pay the Tender Fee/ EMD as applicable and enter details of the instrument.
- v) Bidder shall digitally sign and upload the required bid documents one by one as indicated in the tender document.
- vi) Bidders shall note that the very act of using DSC for downloading the tender document and uploading their offers is deemed to be a confirmation that they have read all sections and pages of the tender document without any exception and have understood the complete tender document and are clear about the requirements of the tender document.
- vii) Bidder shall note that each document to be uploaded for the tender should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip/rar and the same can be uploaded. For the file size of less than 1 MB, the transaction uploading time will be very fast.
- viii) Utmost care shall be taken for uploading Schedule of Quantity & Price and any change/ modification of the price schedule shall render it unfit for bidding. Bidders shall download the Schedule of Quantities & Prices in XLS format and save it without changing the name of the file. Bidder shall quote their rates in figures in white background cells, thereafter save and upload the file in financial bid cover (Price bid) only. If the Schedule of Quantity & Price file is found to be modified by the bidder, the bid will be rejected. The bidders are cautioned that uploading of financial bid elsewhere i.e. other than in cover 2 will result in rejection of the tender.
- ix) Bidders shall submit their bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.
- x) After the bid submission (i.e. after Clicking "Freeze Bid Submission" in the portal), the bidders shall take print out of system generated acknowledgement number, and keep it as a record of evidence for online submission of bid, which will also act as an entry pass to participate in the bid opening.
- xi) Bidder should follow the server time being displayed on bidder's dashboard at the top of the tender site, which shall be considered valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system.
- xii) All the documents being submitted by the bidders would be encrypted using PKI (Public Key Infrastructure) encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid



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opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to 24x7 CPP Portal Helpdesk **Number Ph. Nos. +91-120-4711508, +91-120-4001002, +91-120-4001005, +91-120-6277787** Technical [Email: support-eproc@nic.in](mailto:support-eproc@nic.in)

Any corrigendum, subsequent amendments and / or extension of date, if any, for submission of Bids shall be posted on the portal <http://eprocure.gov.in/eprocure/app>. Bidder(s) are advised to visit the portal regularly before the deadline for submission of Bids.

The NHPC reserves the right to accept or reject any Bid and to cancel the Bidding process and reject all Bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or Bidder(s). However, the Bidder(s) who wish to seek reasons for such decision of cancellation/rejection shall be informed of the same by NHPC unless its disclosure reasonably could be expected to affect the sovereignty and integrity of India, the security, strategic, scientific or economic interest of the state or lead to incitement of an offence.



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**FOUR KEY INSTRUCTIONS FOR BIDDERS Note**

The following 'FOUR KEY INSTRUCTIONS for BIDDERS' must be assiduously adhered to:-

- i) Obtain individual Digital Signature Certificate (DSC or DC) well in advance of tender submission deadline.
- ii) Register your organization on CPPP well in advance of tender submission deadline.
- iii) Get your organization's concerned executives trained on CPPP well in advance of tender deadline.
- iv) Submit your bids well in advance of tender submission deadline on portal (There could be last minute problems due to internet timeout, breakdown, etc.) While the first three instructions mentioned above are especially relevant to first-time users of portal, the fourth instruction is relevant at all times.

**Note : Electronic procurement system will not allow any Bidder to place their bids after the expiry of scheduled date & time. NHPC/ NIC-CPPP shall not be responsible for any delays/ problems related to bandwidth, connectivity etc., which are beyond the control of the NHPC/NIC-CPPP.**

**Annexure – 5**

**TERMS & CONDITIONS OF REVERSE AUCTION**

After opening of Financial Bids and short-listing of bidders based on the First Round Quoted Tariff and capacity of qualified Project(s), NHPC shall resort to “REVERSE AUCTION PROCEDURE”. Reverse Auction shall be conducted as per methodology specified in Section-3 and other provisions of Reverse Auction in RfS documents and their subsequent Addenda/ Amendments. Bidders, in their own interest, are advised to go through the documents in entirety. The Terms & Conditions and Business Rules mentioned hereunder are in brief and may not give complete explanations. Further these are supplementary in nature.

1. Bidders shall ensure online submission of their ‘Bid Price’ within the auction period.
2. A portal selected by NHPC for Reverse Auction will provide all necessary training and assistance before commencement of reverse auction to the interested bidders.
3. Business rules for Reverse Auction like event date, time, bid decrement, extension etc. shall be as per the business rules, enumerated in the RfS document or intimated later on for compliance.
4. Reverse auction will be conducted on scheduled date & time, as informed to the bidders.
5. Bidders should acquaint themselves of the ‘Business Rules of Reverse Auction’, which are mentioned in the RfS document.
6. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action *as per extant NHPC guidelines* shall be initiated by NHPC.
7. The Bidder shall not divulge either his Bids or any other exclusive details of NHPC to any other party.
8. Period of validity of Prices received through Reverse Auction shall be same as that of the period of validity of bids offered.
9. Bidders should also note that:
  - a) Bidders may note that, although extension time is ‘10’ minutes, there is a time lag between the actual placing the bid on the local computer of the bidder and the refreshing of the data on to the server for the visibility to the Owner. Considering the processing time for data exchange and the possible network congestion, bidders must avoid the last minute hosting of the Financial Bid.
  - b) Participating bidder will agree to non-disclosure of trade information regarding the purchase, identity of NHPC, bid process, bid technology, bid documentation and bid details.
  - c) It is brought to the attention of the bidders that the bid event will lead to the final price of bidders only.



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- d) Technical and other non-commercial queries (not impacting price) can only be routed to the NHPC contact personnel indicated in the RfS document.
  - e) Order finalization and post order activities such issue of LoA, signing of BESPA etc would be transacted directly between successful bidder(s) and NHPC.
  - f) LoA may be placed outside the e-portal & further processing of the LoA may also be outside the system.
  - g) In case of any problem faced by the bidder during Reverse Auction and for all Bidding process related queries, bidders are advised to contact the persons indicated in Section – 3 of the RfS document.
  - h) Bidders are advised to visit the auction page login into the system well in advance to identify / rectify the problems to avoid last minute hitches.
  - i) NHPC will not be responsible for any PC configuration/Java related issues, software/hardware related issues, telephone line glitches and breakdown / slow speed in internet connection of PC at Bidder's end.
  - j) Bidders may note that it may not be possible to extend any help, during Reverse Auction, over phone or in person in relation to rectification of PC / Internet / Java related issues and Bidder may lose the chance of participation in the auction.
10. No queries shall be entertained while Reverse Auction is in progress.

### **BUSINESS RULES OF REVERSE AUCTION**

- 1) A portal selected by NHPC will be NHPC's authorized Service Provider for e-Reverse Auction (e-RA). Please go through the guidelines given below and submit your acceptance to the same.
- 2) Bidders who are found technically and commercially acceptable and whose Price Bid is as per the Bid Condition after e-tender are eligible to participate in e-RA. The intimation of schedule date & time to conduct e-RA shall be sent to eligible bidders in advance. E-Reverse Auction (e-RA) shall be conducted by a portal selected by NHPC on scheduled date and time. Eligible bidders shall participate from their own offices / place of their choice. Internet connectivity shall be ensured by the respective bidders themselves. Designated officials i.e. Tender Inviting Authority of NHPC shall have access to portal and shall witness e-RA process.
- 3) A portal selected by NHPC for reverse auction shall arrange to demonstrate / train (if not trained earlier) bidders' nominated person(s), without any cost. They will also explain all the Rules related to e-Reverse Auction/Business Rules Document to be adopted along with training manual.  
The Application Service Provider (ASP) shall arrange to demonstrate/ train (if not trained earlier) bidders' nominated person(s) through ONLINE training by ppts / Audio Visual file without any cost. These training materials shall remain available on the portal all the time whenever bidders access the portal for such purposes. If bidders



require any explanation in regard to the Rules related to e-Reverse Auction / Business Rules Document to be adopted along with bid manual, the same shall be explained to the bidder through any means of communication i.e. telephonic/email.

- 4) Reverse Auction shall be conducted as per methodology specified in **Section-4** and other provisions of Reverse Auction in RfS documents and their subsequent Addenda/ Amendments. Bidders, in their own interest, are advised to go through the documents in entirety. The Business Rules mentioned hereunder are in brief and may not give complete explanations. Further these are supplementary in nature.
  - i. The 'Opening Price' of each bidder i.e. start price for RA will be the "First Round Tariff Bid" quoted by the respective bidder in its financial bid for the qualified Project(s).
  - ii. Bid Decrement shall be at least INR 1000 and in multiples thereof.
- 5) Auction shall be for a period of **60 minutes**. The bidding continues with an auto extension of **10 min** time if any Bidder quotes a further lower price within final 10 minutes of specified closing time of auction.
- 6) Each Bidder shall be assigned **Unique User Name & Password** by a portal selected by NHPC for reverse auction. Bidders are advised to change the Password and edit the information in the Registration Page after the receipt of initial Password from a portal selected by NHPC for reverse auction to ensure confidentiality. All bids made from the Login ID given to the bidder will be deemed to have been made by the bidder.
- 7) After completion of the online Reverse Auction, the last quoted price of each bidder shall be available for further processing. If no bid is received in the auction system/ website within the specified time duration of the online RA, then NHPC may consider the "First Round Tariff" bid received through e-tendering for selection.
- 8) Online Reverse Auction shall be conducted by NHPC on pre-specified date and time, while the bidders shall be quoting from their own offices/ place of their choice. Internet connectivity shall have to be ensured by bidders themselves.
- 9) During the RA any requests for extension of time will not be considered by NHPC. Bidders are therefore requested to make all the necessary arrangements/ alternatives whatever required so that they are able to participate in the Reverse Auction successfully. Failure of power or loss of connectivity at the premises of bidders during the Reverse Auction cannot be the cause for not participating in the Reverse Auction. NHPC shall not be responsible for such eventualities.
- 10) Bidders are advised to get fully trained and clear all their doubts such as refreshing of Screen, capacity/number of Projects being auctioned, auction rules etc.





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- 11) NHPC shall be at liberty to call the \*L1” bidder for further process/ negotiation/ cancel the e-reverse auction process/ re-tender at any time, without assigning any reason thereof.
- 12) NHPC/ Service Provider shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
- 13) NHPC along with Service Provider can decide to reschedule or cancel any Auction; the bidders shall be informed accordingly.
- 14) The bidder shall not involve himself or any of his representatives in price manipulation of any kind directly or indirectly by communicating with other bidders. The bidder shall also not divulge either his bid or any other exclusive details of NHPC to any other party. If it has come to notice of NHPC/Service Provider that bidders have colluded while submitting price in e-RA, the same be dealt as per provision of Integrity Pact.
- 15) Any updation/ modification in the e-RA process brought out above shall be conveyed in advance to the bidders before e-RA.
- 16) Other terms and conditions shall be as per the bidding documents.

*\*L1= Lowest Evaluated Bidder after e-tendering and/or e-Reverse Auction (as the case may be)*

Within one (1) hour after conclusion of e-RA, successful bidders shall furnish confirmation through his registered e-mail id to the Tender Inviting Authority for present tender as per Annexure-7. The bidder shall submit the Process Compliance Form as per Annexure-6.



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**ANNEXURE-6**

**Process Compliance Form for e-Reverse Auction**

*(Bidders are required to submit this on their Company's Letter Head and sign & stamp)*

To,

\_\_\_\_\_**Name, Designation, Address of Tender Inviting Authority**\_\_\_\_\_

**Contact Person:**.....

**E-mail:** .....

Sub: Agreement to the Process related Terms and Conditions

Dear Sir,

This has reference to the Terms & Conditions for the e-Reverse Auction mentioned in the Business

Rules for <.....*Name of tender Package & Tender Specification No.:* .....>

This letter is to confirm that:

1. The undersigned is authorized representative\* of the Company.
2. We have studied the e-Reverse Auction Terms & Conditions and the Business Rules governing the e-Reverse Auction as mentioned in the bid document and confirm our agreement to them.
3. We also confirm that we shall take the training on the auction tool and shall understand the functionality of the same thoroughly, before start of e-RA.
4. We also confirm that we will submit tariff confirmation within an hour of conclusion of e-Reverse Auction through company email ID.
5. Our registered email id is \_\_\_\_\_.

We hereby confirm that we will honor the Bids placed by us during the auction process.

With regards

**Signature with company**

**seal Name –**

Company / Organization – Designation within Company / Organization – Address of  
Company / Organization – \*Person having power of attorney for the subject package



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**ANNEXURE-7**

**Format for submitting Price Confirmation for e-Reverse Auction** *(To be submitted on Company Letter Head duly signed and stamped)*

REF No. ....

Date: .....

To,

\_\_\_\_**Name, Designation, Address of Tender Inviting Authority**\_\_\_\_

**Contact Person:**.....

**E-mail:** .....

Re: Price Confirmation for the e-Reverse Auction of

Auction Notice Dated: ..... .. **For**

Procurement of... [...Name of package \_]

For NHPC LIMITED E-Tender Id no

Reference above, we here by confirm that we have given our final offer in the e-Reverse Auction System as per the template, which is attached herewith duly signed and stamped from our end.

i) Final TARIFF

Signature:

Name:

Designation:

**Seal of the Company**

**Annexure - 8**

**ILLUSTRATIONS**

*(Please refer Clause 6 under Section 3B of the RfS)*

**Illustration**

**a. System Availability**

Under a BESPA between an off-taker 'X' and BESSD 'Y' for a capacity 'C', the Schedule and Actual Injection into/Drawl from the Grid from the Project, as per the DSM/ UI Reports published by the SLDC for a Sample day is shown below:

Date	Block	Drawl (from Grid) Mus (Charging) X	Injection (into Grid) MUs (Discharging) (Y)	Schedule Mus (Z)	Time-block Availability, (TA) = (Xi/Zi) + (Yi/Zi)
01-May-24	1	0.088	0	0.088	1.00
01-May-24	2	0.088	0	0.088	1.00
01-May-24	3	0.075	0	0.088	0.85
01-May-24	4	0	0	0	NA
01-May-24	5	0	0	0	NA
01-May-24	6	0	0	0	NA
01-May-24	7	0	0	0	NA
01-May-24	8	0	0	0	NA
01-May-24	9	0	0	0	NA
01-May-24	10	0	0	0	NA
01-May-24	11	0	0	0	NA
01-May-24	12	0	0	0	NA
01-May-24	13	0	0	0	NA
01-May-24	14	0	0	0	NA
01-May-24	15	0	0	0	NA
01-May-24	16	0	0	0	NA
01-May-24	17	0	0	0	NA
01-May-24	18	0	0	0	NA
01-May-24	19	0	0	0	NA
01-May-24	20	0	0	0	NA
01-May-24	21	0	0	0	NA
01-May-24	22	0	0	0	NA
01-May-24	23	0	0	0	NA
01-May-24	24	0	0.075	0.075	1
01-May-24	25	0	0.075	0.075	1
01-May-24	26	0	0.075	0.075	1
01-May-24	27	0	0.075	0.075	1
01-May-24	28	0	0.075	0.075	1
01-May-24	29	0	0.075	0.075	1
01-May-24	30	0	0.06	0.075	0.8
01-May-24	31	0	0.05	0.075	0.67
01-May-24	32	0	0	0	NA
01-May-24	33	0	0	0	NA
01-May-24	34	0	0	0	NA
01-May-24	35	0	0	0	NA
01-May-24	36	0	0	0	NA

01-May-24	37	0	0	0	NA
01-May-24	38	0	0	0	NA
01-May-24	39	0	0	0	NA
01-May-24	40	0	0	0	NA
01-May-24	41	0	0	0	NA
01-May-24	42	0	0	0	NA
01-May-24	43	0	0	0	NA
01-May-24	44	0.088	0	0.088	1.00
01-May-24	45	0.088	0	0.088	1.00
01-May-24	46	0.088	0	0.088	1.00
01-May-24	47	0.088	0	0.088	1.00
01-May-24	48	0.088	0	0.088	1.00
01-May-24	49	0.088	0	0.088	1.00
01-May-24	50	0.088	0	0.088	1.00
01-May-24	51	0.088	0	0.088	1.00
01-May-24	52	0	0	0	NA
01-May-24	53	0	0	0	NA
01-May-24	54	0	0	0	NA
01-May-24	55	0	0	0	NA
01-May-24	56	0	0	0	NA
01-May-24	57	0	0	0	NA
01-May-24	58	0	0	0	NA
01-May-24	59	0	0	0	NA
01-May-24	60	0	0	0	NA
01-May-24	61	0	0	0	NA
01-May-24	62	0	0	0	NA
01-May-24	63	0	0	0	NA
01-May-24	64	0	0	0	NA
01-May-24	65	0	0	0	NA
01-May-24	66	0	0	0	NA
01-May-24	67	0	0	0	NA
01-May-24	68	0	0	0	NA
01-May-24	69	0	0	0	NA
01-May-24	70	0	0	0	NA
01-May-24	71	0	0	0	NA
01-May-24	72	0	0	0	NA
01-May-24	73	0	0	0	NA
01-May-24	74	0	0	0	NA
01-May-24	75	0	0	0	NA
01-May-24	76	0	0	0	NA
01-May-24	77	0	0	0	NA
01-May-24	78	0	0	0	NA
01-May-24	79	0	0	0	NA
01-May-24	80	0	0.07	0.075	0.93
01-May-24	81	0	0.07	0.075	0.93
01-May-24	82	0	0.07	0.075	0.93
01-May-24	83	0	0.070	0.075	0.93
01-May-24	84	0	0.075	0.075	1.00
01-May-24	85	0	0.07	0.075	0.93
01-May-24	86	0	0.07	0.075	0.93
01-May-24	87	0	0.07	0.075	0.93
01-May-24	88	0	0	0	NA
01-May-24	89	0	0	0	NA

01-May-24	90	0	0	0	NA
01-May-24	91	0	0	0	NA
01-May-24	92	0.075	0	0.088	0.85
01-May-24	93	0.075	0	0.088	0.85
01-May-24	94	0.075	0	0.088	0.85
01-May-24	95	0.078	0	0.088	0.88
01-May-24	96	0.08	0	0.088	0.90
<b>Total</b>		<b>1.338</b>	<b>1.115</b>		

i is the  $i^{\text{th}}$  Timeblock in the day.

The System Availability for the day is calculated as the mean of **Column TA**, for all time-blocks where **Column Z is not zero**.

From the above table, Day's System Availability = **0.94**

Similarly, the System availability shall be calculated for 2880 time-blocks (96\*30) in a month (considering 30 days in a month), excluding time-blocks where Grid is unavailable or in case of Force Majeure.

Assuming the following parameters:

- Total Contracted Capacity = 300 MW, **C**
- Quoted monthly Capacity charges = 2 lakhs/MW/month, **D**
- Monthly system availability (as per procedure above) is calculated to be 0.94, **B**

Liquidated Damages on account of shortage in Monthly system Availability, as calculated from formula provided in Clause 6.2:

$$\begin{aligned} \text{Liquidated damages} &= (A - B) \times C \times D \times 2 \\ &= (0.95 - 0.94) \times 300 \times 2 \times 2 \\ &= 12 \text{ lakhs} \end{aligned}$$

#### b. System Efficiency

The present illustration is for calculating the Daily System Efficiency as demonstration only. The same methodology shall be used for calculation of monthly system efficiency as per Clause 6.1.e.iii.

$$\text{System Efficiency} = \frac{\text{Total of Column (Y)}}{\text{Total of Column (X)}} = \frac{1.115}{1.338} = 0.833 \sim 0.83 \text{ (rounded off to 2 decimal places).}$$

Assuming:

- Monthly System Efficiency = 0.83,
- Total Monthly Drawl from Grid (Charging Power) = 40.14 MUs

Liquidated Damages is calculated @ APPC for excess loss of energy considering expected System Efficiency to be 85%

Excess conversion losses = (0.85-0.83)\* Total Drawl from the grid in the month (i.e. Charging Energy)

$$\begin{aligned} \text{Liquidated Damages for the month} &= \text{Rs. } 0.02 \times 40.14 \times \text{APPC Tariff for eg Rs } 3 \\ &= \text{Rs. } 2.408 \text{ Millions} \\ &= \text{Rs. } 24.08 \text{ lakhs} \end{aligned}$$



**Request for Selection for 500MW / 1000MWh InSTS Connected Standalone BESS in the state of Andhra Pradesh under TBCB**

**Annexure-9**

**PROJECT LOCATION DETAILS**

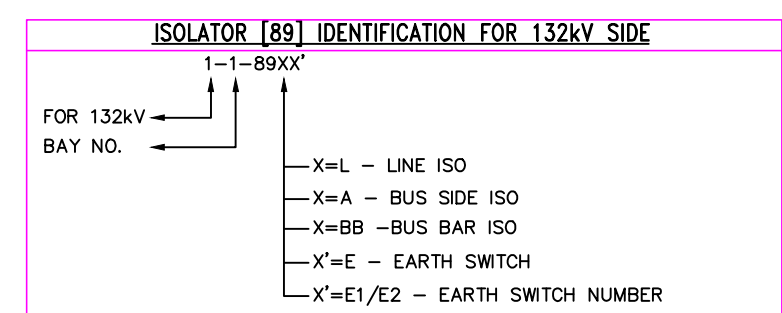
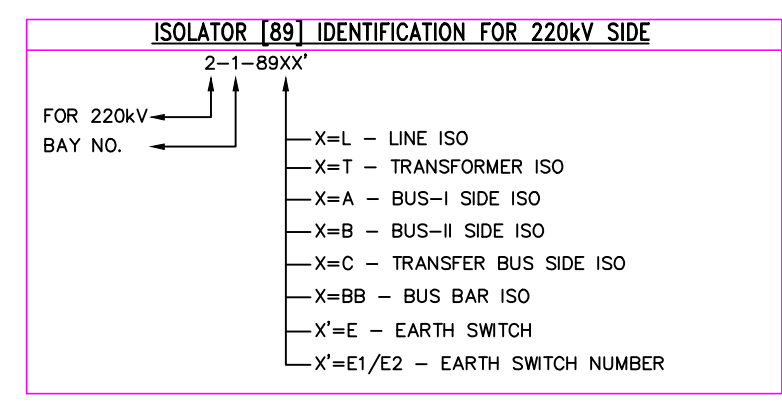
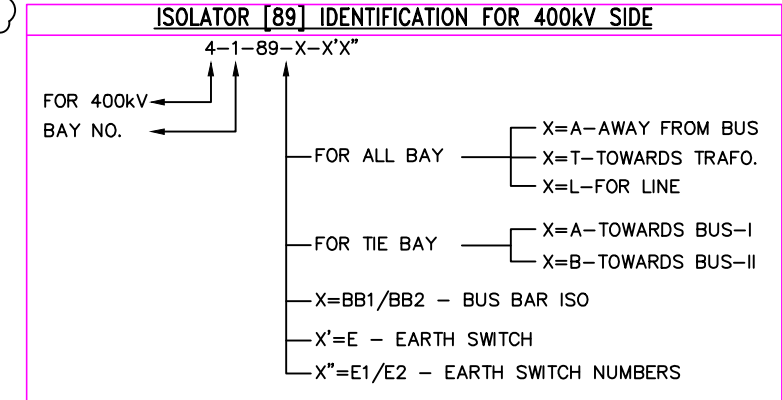
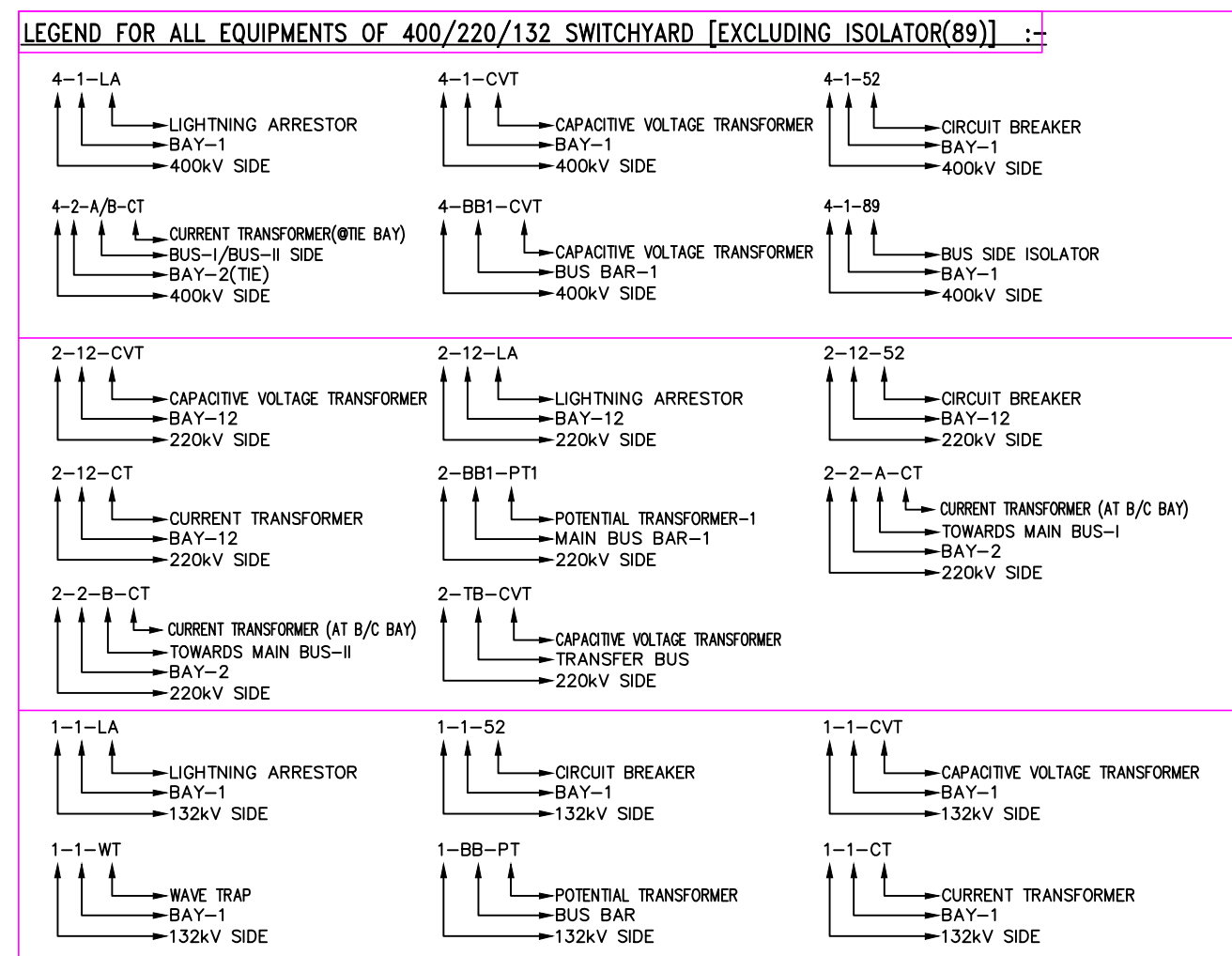
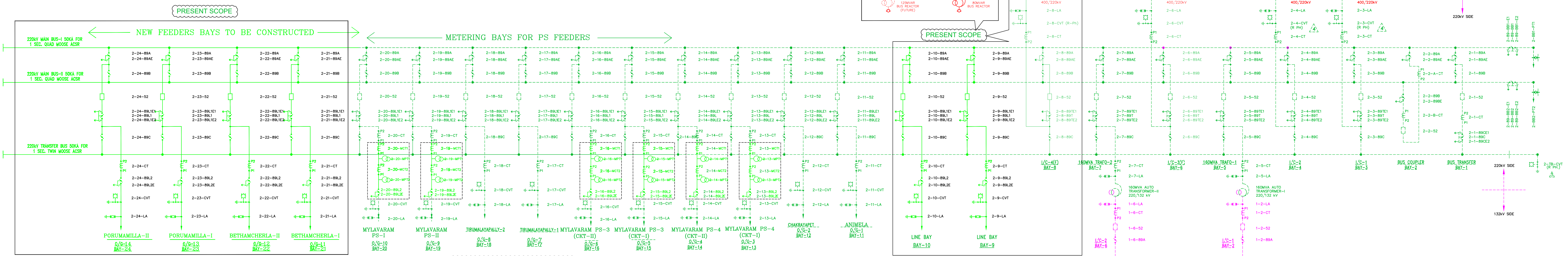
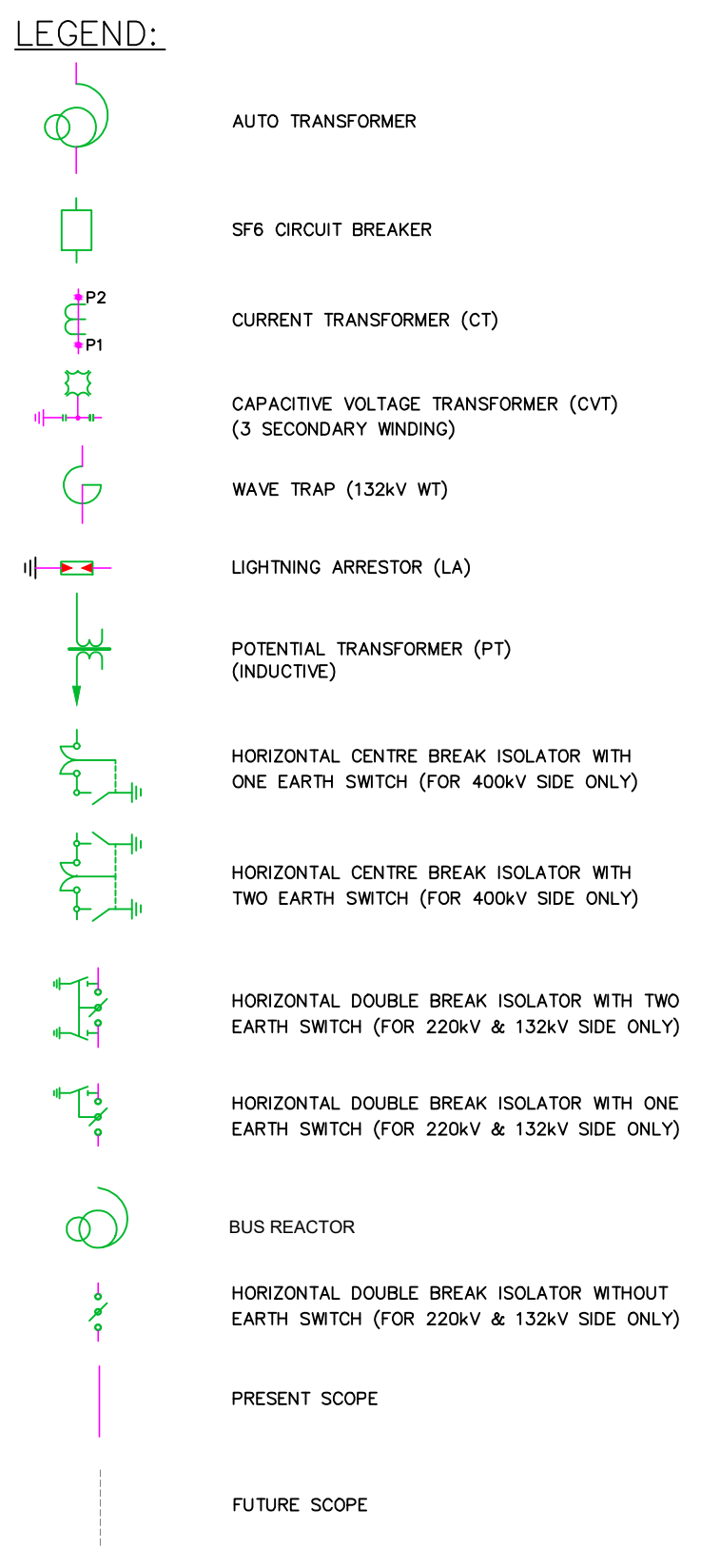
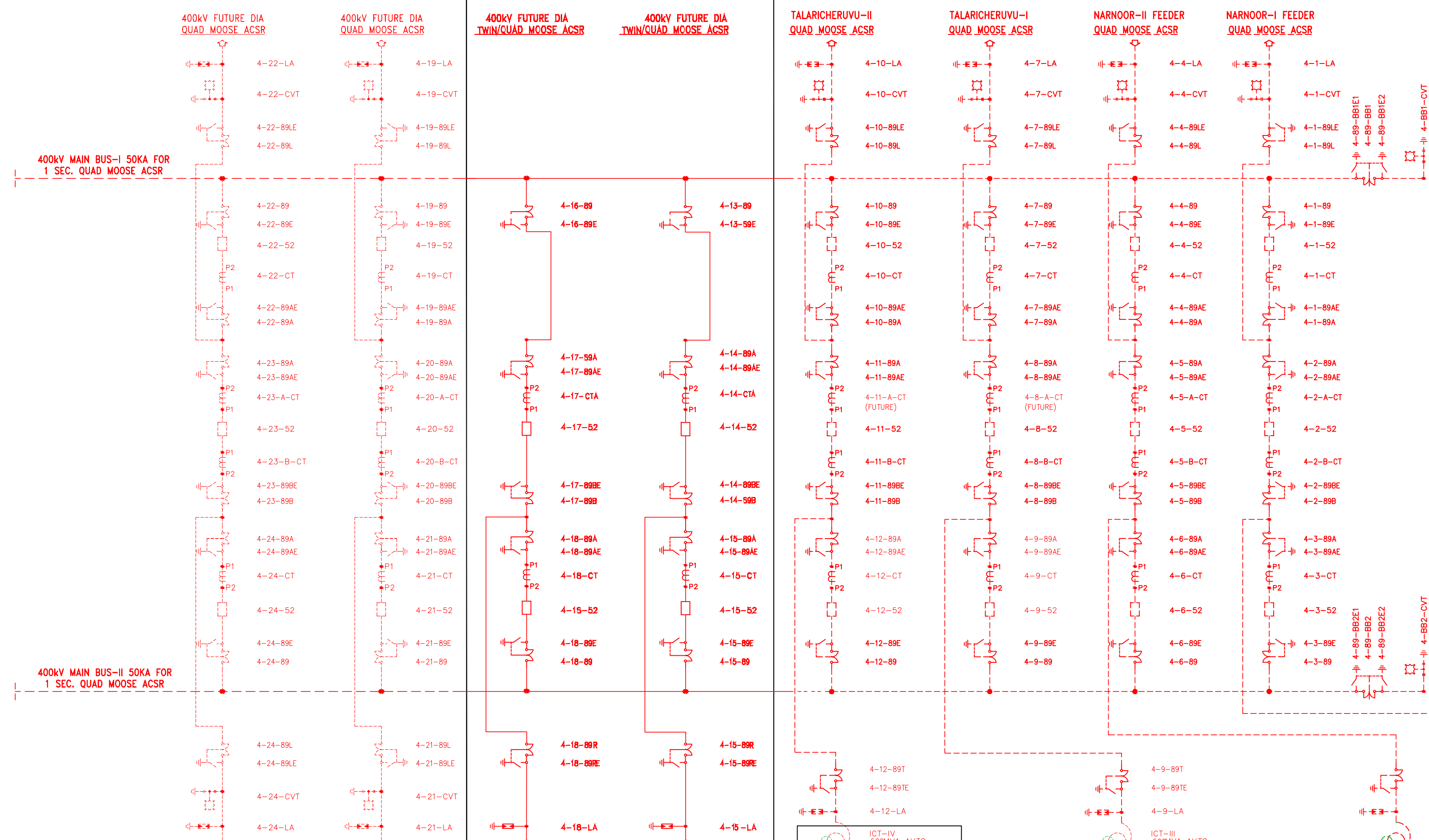
(Bidders are requested to contact the concerned person of the substation for further details, if required)

Sl No.	Project Location (within the State of Andhra Pradesh)	Project Capacity (MW/MWh)	Land Available (In Acre)	Bay Availability	GPS LOCATION	Contact Person	Phone No:
1	400kV Substation (AIS), Jammalamadugu	225/450	Area 1: 3.67 Acres Area 2: 5.46	2 Nos 220KV bays available	14°55'59.48"N 78°18'54.91"E	DEE AEE	9550299929 9491256082
2	400kV Substation (AIS), Ghani	225/450	11.25	Space for 4 No's bays available New Bay to be Constructed )	15°68'02.48"N 78°25'06.55"E	DEE	9490154309
3	220kV Substation (AIS), Kuppam	50/100	4	Space for 2 No's bays (132kV) are available New Bay to be Constructed	12.811312"N 78.377142"E	DEE AEE	7702745080 9000485267

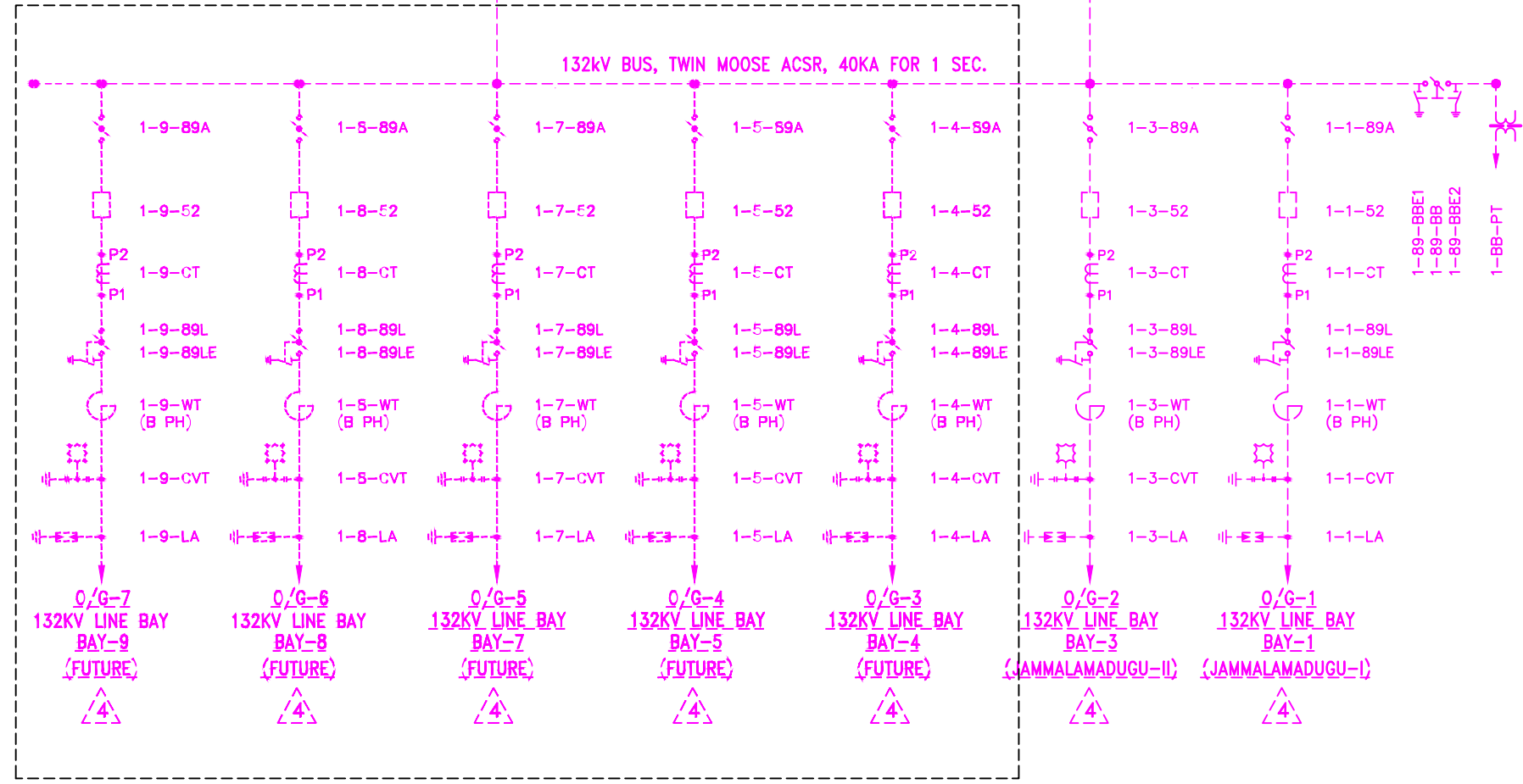
The single line daigarm in repect of above substations are enclosed as Annexure-10



220KV SWITCHYARD							
Sl.No	Description of Materials	Qty as per Lot	Engineered Qty	Spare Qty	Total Qty	Deviation Qty	Remarks
(1)	(2)	(3)	(4)	(5)	(6) = (4) + (5)	(7) = (3)-(6)	(8)
1	220KV 1 lightning arrestors	23	21	2	23	0	
2	220KV CVT	20	19	1	20	0	
3	220KV Iso - W/o E/s	14	14	0	14	0	
4	220KV Iso-1E/s	7	19	0	19	-12	1) 6Nos Isolator sets are proposed to be provided at 220KV line side (New design) to avoid induction problems.  2) Proposed to provide Iso with 1E/s instead of 2E/s for 220KV feeders with Metering bays. Hence Qty increased.
5	220KV Iso-2E/s	13	7	0	7	6	Proposed to provide Iso with 1E/s instead of 2E/s for 220KV feeders with Metering bays. Hence Qty decreased
6	220KV Circuit breakers	7	7	0	7	0	
7	220KV Current transformers (1600-800/1-1-1-1-1A)	32	22	2	24	8	Released CTs of ICT-3 bays, Panoramulla -1 & II feeder bays are proposed to be erected in new bays. Hence Qty will be reduced
8	Metering CT	38	36	2	38	0	Ratio will be decided after confirmation of capacity of Pooling SS (4001A for SM & 8001A for TM lines)
9	Metering PT	38	36	2	38	0	Single core PT's
10	220KV BMB	3	3	0	3	0	




SL NO.	DESIGN PARAMETERS	VOLTAGE LEVEL (kV)		
		400kV	220kV	132kV
1.	MAX. SYSTEM VOLTAGE (RMS)	420kV	245kV	145kV
2.	LIGHTNING IMPULSE WITHSTAND VOLTAGE (kVp)	±1425	±1050	±650
3.	POWER FREQUENCY WITHSTAND VOLTAGE (RMS)	630kV	460kV	275kV
4.	MAX. FAULT LEVEL – FOR 1 SEC.	50KA	50KA	40KA



REVISION-1 NOTES:

1. 220KV BAYS 209,210 FUTURE LV BAYS OF 160 MVA HAVE BEEN CONVERTED TO FUTURE LINE BAYS
2. THIRUMALAI PALLI FEEDERS FROM BAY NO 213 &214 ARE SHIFTED TO BAY NO 21 TO 218
3. METERING ARRANGEMENT ARE PROPOSED AT 220KV BAY NOS 213,214,215,216,219,220


R2	AS PER COMMENTS				24-06-2022
R1	AS PER COMMENTS	-	-	-	19-06-2022
R0	FOR APPROVAL	-	-	-	14-03-2022
Issue	Changes	Apprd.	Checked	Designed	Date



**CLIENT**

## TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED

### VIJAYAWADA



**PROJECT**

**Augmentation works at existing 400KVSS Jammalamadugu from 2X315MVA to 2X315MVA +2X500MVA for evacuation of 750MW Solar power from 1000MW Kadapa Ultra Mega Solar park at Mylavaram in Kadapa District by carrying out 2Nos 400KV Bay extensions and 6Nos 220KV Bay extension works**

On/Trn Key Basis

CONTRACTOR

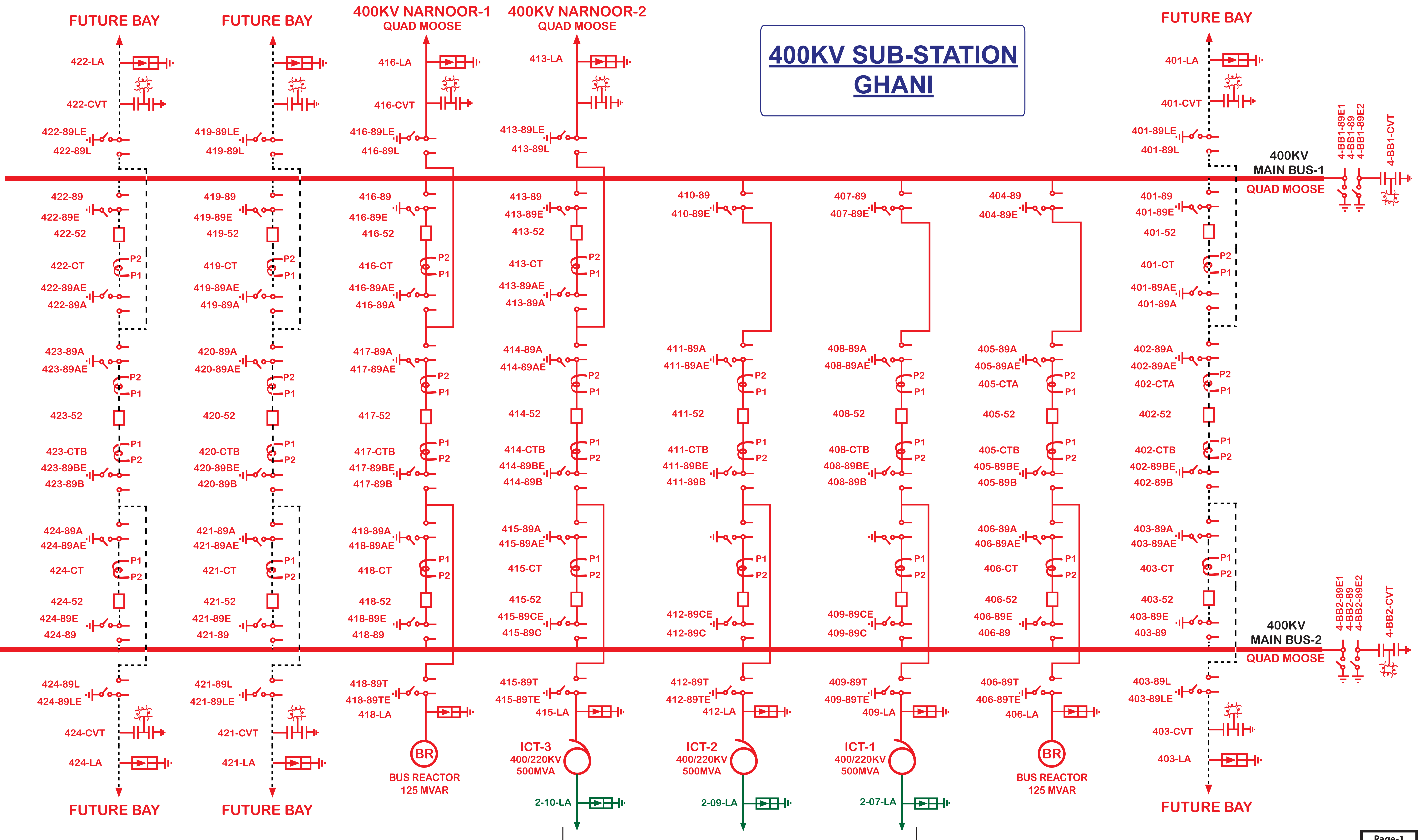
PVR CONSTRUCTIONS

JV WITH SREE LAKSHMI ELECTRICAL SERVICES

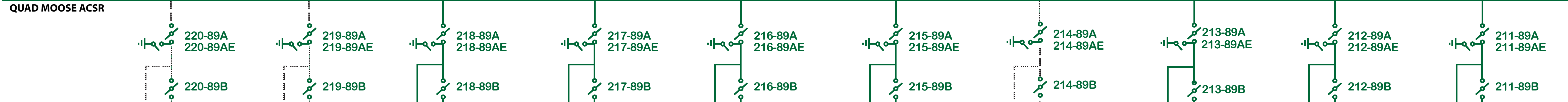
**TITLE** SINGLE LINE DRAWING OF 2 NOS REACTOR BAYS AND  
4 NOS 220KV BAYS AT JAMMALAMADUGU SS

SCALE	NTS	APPROVAL STAMPS:	DATE
DIV.	ENGINEERING		19-06-2022
DRN.			SHEET 1 OF 1
CHKD.		DRG No: PVR/SS/JMDG/F/001	ISSUE R2

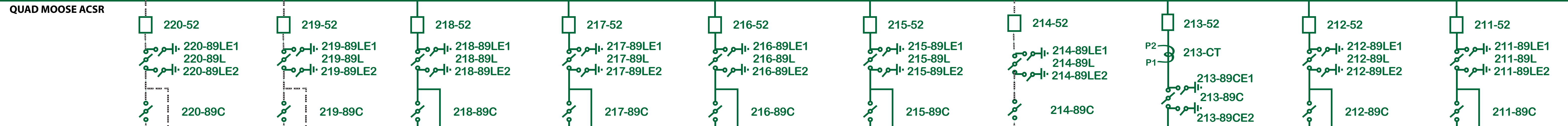




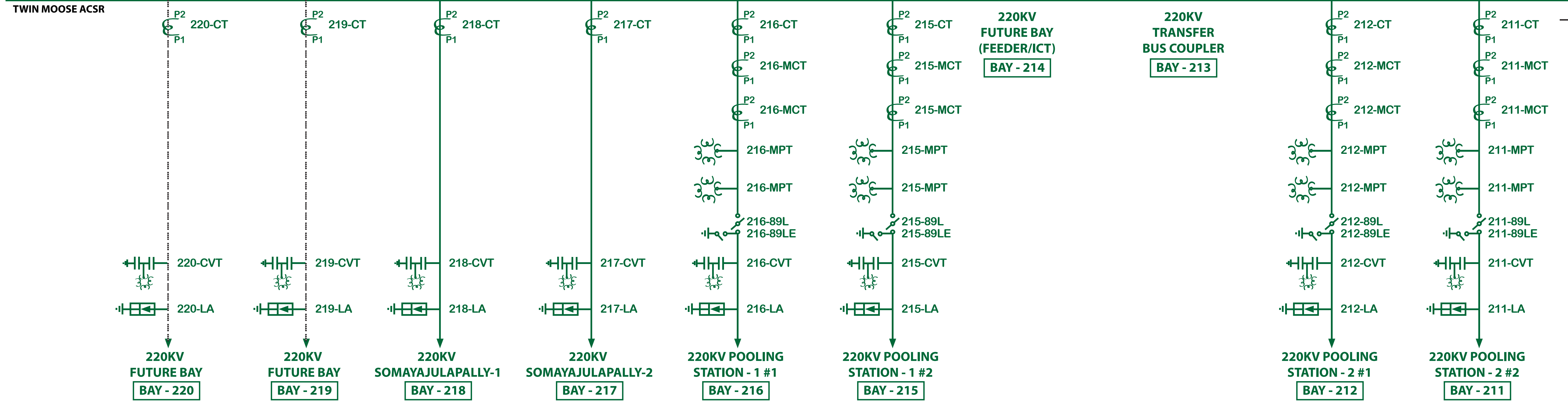
220KV MAIN BUS-1



220KV MAIN BUS-2

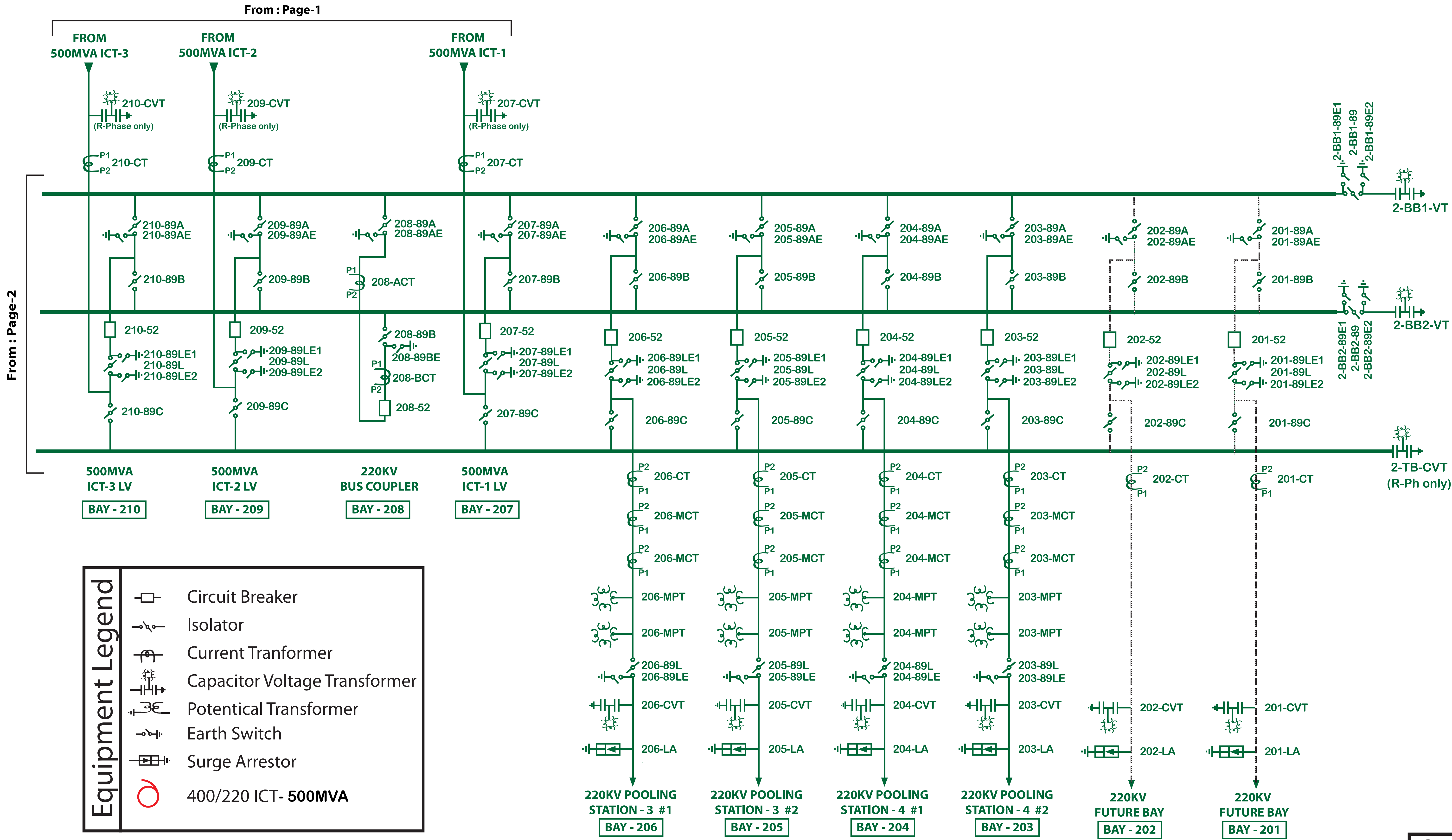


220KV TRANSFER BUS



To : Page-3





# SINGLE LINE DIAGRAM OF 220/132KV SS KUPPAM

