# NHPC LIMITED (A GOVT. OF INDIA ENTERPRISE) CIN: L40101HR1975GOI032564



### TENDER DOCUMENT (DOMESTIC COMPETITIVE BIDDING) (THROUGH E-TENDERING)

### **FOR**

Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.

### **CONTRACTS (CIVIL) DIVISION**

January-2024

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

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# **SECTION-I**

# **NOTICE INVITING E-TENDER**

# NHPC LIMITED (A GOVT. OF INDIA ENTERPRISE)

Regd. Office: NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana)

Domestic Competitive Bidding

(E-tendering-Web Notice)

1. Online "Item Rate" bids are invited through Domestic Competitive Bidding in Single Stage -Two Part Bidding Basis (i.e. Part-I (Cover-I): Technical- Bid and Part-II (Cover-II): Financial Bid) for and on behalf of NHPC Ltd. (A Govt. of India Enterprise) from eligible Sole Bidders for the work of "Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana".

Complete Bid Document/Tender Document can be viewed and down loaded from Central Public Procurement (CPP) Portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>. The site can also be viewed through e-procurement corner of NHPC website <a href="https://eprocure.gov.in/eprocure/app">www.nhpcindia.com</a> and CPP Portal. Any Bidder who wishes to quote for this Tender can download the Tender Document from aforesaid portal after online Bidder registration for e-tendering.

### 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.	2024_NHPC_789867
iii)	Tender reference No.	NH/CCW/CC-II/CO-290/PR10023/351
iv)	Cost of Tender document	Rs.500/- (Rupees Five Hundred only) in the form of Crossed Demand Draft/ Banker's cheque in favour of "NHPC Limited" payable at Faridabad.
v)	Estimated Cost	Rs 5,79,085/-
vi)	Bid Security (EMD)	Rs. 12,000/- (Rupees Twelve Thousand Only) in the form of DD favouring "NHPC Limited" payable at Faridabad.
vii)	Period of Bid Validity	120 days
viii)	Completion Period	3 Months.
ix)	Tender inviting Authority	General Manager (CC-II), Contracts (Civil) Division, 2nd Floor, Jyoti Sadan, NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana); Tele No. 0129-2254677 E-mail- contcivil2-co@nhpc.nic.in

### 2. The critical dates of tender are as under:

Sl. No.	Particulars	Date & Time
i)	Publishing Date & Time	11.01.2024 (निविदा प्रकाशन के तात्कालिक
,	3	समय को माना जाये)
ii)	Document Download Start Date &	11.01.2024 (निविदा प्रकाशन के तात्कालिक
11)	Time	समय को माना जाये)
iii)	Bid Submission Start Date & Time	11.01.2024 (निविदा प्रकाशन के तात्कालिक
111)	Bid Submission Start Date & Time	समय को माना जाये)
iv)	Online Bid Submission Closing Date & Time	01.02.2024 (15:00 Hrs)
v)	Offline submission closing (Date,	One (01 hour) prior to the scheduled
	Time & Address)	opening of Technical bid (Cover-I).
		Address: General Manager (CC-II), Contracts (Civil) Division, 2nd Floor, Jyoti Sadan, NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana); Tele No. 0129-2254677
vi)	Opening of Technical Bid (Cover-I)	02.02.2024 (15:30 Hrs)
vii)	Price bid Opening (Cover-II)	Venue, Date & time to be intimated later to the bidders whose Technocommercial Bids will be found responsive

### 2. Eigible Bidder

### 2.1 The Invitation for Bid is open to:

a) All Domestic bidders who are registered legal entity i.e. Firm/ Company/ Proprietary firm (Except Joint Venture).

In support, the bidder should submit notarized copy of Registration Certificate/Certificate of Incorporation issued from the appropriate Govt. agency for Firm/Company/Proprietary firm.

- b) All bidders who are **Class-I Local Supplier** under Public Procurement (Preference to Make in India) order for Goods/ Services/ Works issued by Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry Order No. P-45021/2/2017-PP (BE-II) dated 16th-September, 2020 or as amended and meeting the Qualification criteria as defined in clause 3. In this regard bidders must submit undertaking as per Form-13.
- 2.3 i) Bidders shall not have been banned/ de-listed/ black listed/ debarred from business on the ground mentioned in para 6 of Guidelines on Banning of Business

dealings (Annexure-A) to Integrity Pact, (Form-12, Section-III). Self-Declaration in this regard is to be submitted as per the enclosed Proforma. (Form-2 & 3, Section-III).

### 2.4 Deleted

2.5 Integrity Pact - Deleted

### **3.** Qualification of the Bidder

- 3.1 All bidders shall include the following information and documents with their bid Oualification Information unless otherwise stated in the ITB:
  - a) Copies of original documents defining the constitution or legal status, place of registration, and principal place of business; written power of attorney of the signatory of the Bid to commit the Bidder. Additional information as sought in the Form-6 General Information, Section-III shall be provided.
  - b) Work experience to demonstrate meeting the criteria stipulated in clause 3.2.1 shall be provided in Form-8 work Experience Record, Section-III. The work experience shown shall be supported with certificate(s) from the Engineer-in-charge/Project head of the concerned work. In case of experience certificates produced by the contractors for having executed works for Private Organizations, TDS Certificates/Form 26AS shall also be produced along with experience certificate.
  - c) Information on financial criteria stipulated in clause 3.2.2 shall be furnished in Form -7, Financial Data and Section-III. Copy of affidavit/Certificate of CA mentioning Financial Turnover of last 3 (three) years. Printed Annual reports or financial statements of the Bidder, such as balance sheet, profit and loss statements and auditor's reports as the case may be for the past three years shall be submitted to ascertain bidder's meeting the financial criteria.

### 3.2. QUALIFICATION CRITERIA

The qualification will be subject to Bidder's fulfillment of the Qualification Criteria set and stipulated hereunder, substantiated by authentic and relevant information and details. Additional information in support of their claims of achievements may be furnished in any form of their device and design. The Bidder(s) who wish to apply for Tender for the aforesaid work must satisfy the following qualifying criteria:

### 3.2.1 TECHNICAL CRITERIA

Experience of having successfully/satisfactorily completed similar works during last five years (28 days prior to the deadline for online submission of bid), as prime contractor, should be either of the following:

a) One similar completed work costing not less than the amount equal to Rs. 4,63,268/-

Or

b) Two similar completed works costing not less than the amount equal to Rs. 2,89,543/- each

Or

c) Three similar completed works costing not less than the amount equal to Rs. 2,31,634/- each

Note: Similar work means

"Construction of Buildings"

OR

"Repair & Maintenance (Civil related works) of Buildings"

"Renovation/ Construction of Toilets"

### 3.2.2 FINANCIAL CRITERIA:

Turnover: The bidder shall have achieved in any one year in last three years ending FY2022-23, a minimum financial turnover of at least equal to Rs. 5.79 Lakh.

### 3.2.3 NATURE OF BIDDERS

Bidder should be a single entity for participating in the Bid.

### 3.2.4 BIDS BY MERGED / ACQUIRED ENTITY:

In case of a Bidder's Company, formed after merger and/or acquisition of other companies, past experience and other antecedents of the merged/acquired companies will be considered for qualification of such Bidder's Company provided such Bidder's Company continues to own the requisite assets and resources of the merged/acquired companies needed for execution and successful implementation of the work package put to tender.

- 3.2.5 Each bidder must also produce with their Bid:
  - i) Copies of PAN No., GST Registration No., EPF Registration No. duly issued by the RPSC and ESIC Registration No (If applicable)
  - ii) A declaration that the information furnished with the bid documents is correct in all respects in form-2, form of declaration, Section-III.
  - iii) Such other certificates if any as defined in the ITB.
- 3.2.6 To qualify for Contract for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having work experience, financial capability and resources sufficient to meet the aggregate of the qualifying criteria. Failure to produce the certificates and documents in clauses 3.1 and 3.2.1 & 3.2.2 shall make the bid non-responsive.
- 3.2.7 JVs or any other arrangement other than sole bidder is not allowed. Experience and resources of proposed sub-contractor, if any shall not be taken into account in determining the bidder's compliance with the qualifying criteria. However,

experience of bidder as sub- contractor approved by Project developer shall be considered. Experience of bidders as member of Consortium/Joint Venture shall be considered as per distribution of work against the member of the Consortium/Joint Venture. In case where distribution of Consortium/JV members is not specified in Consortium/JV agreement then the experience credential shall be considered for all members of JV with minimum 35% participation share.

All Start-ups (whether MSEs or otherwise) registered for similar nature of work, falling within the definition as per Gazette notification- G.S.R. 501 (E) dt. 23.05.2017 or as amended from time to time are exempted from meeting the qualification criteria in respect of Prior Experience-Prior Turnover in public procurement subject to meeting of quality and technical specifications for which necessary documents shall be submitted by such bidders.

### 3.2.9 Bids of any insolvent firm

The Bidder 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, or as amended from time to time (IBC 2016 hereafter).

In case, bidder 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, the bidder shall be considered as ineligible and his bid shall be rejected.

An undertaking as per enclosed Proforma (Format-5, Section-III) that "no insolvency proceeding is admitted by the Adjudicating Authority against bidder under the IBC 2016" shall be submitted on letter head duly signed by the authorized representative of bidder.

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 Parent/Holding Company 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.

### 3.2.10 Provisions related to Make in India:

a) For procurement of Goods/Services/Works, irrespective of purchase value where there is sufficient local capacity and local competition, only Class-I local supplier shall be eligible to bid.

The above criteria shall be subject to compliance of following:

- i) The bidder shall have to be an entity registered in India in accordance with law.
- ii) The bids shall be in Indian National Rupees (INR) only in respect of local content.
- iii) The bidder shall follow Indian laws, regulations and standards.
- Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:
  - i) made misleading or false representations in the forms, statements, declarations and attachments submitted in proof of the qualification requirements; and/or
  - ii) Participated in the previous bidding for the same work and had quoted abnormally high or low bid prices and could not furnish rational justification for it to the Employer.

### 4. Time for Completion

The successful bidder shall complete the entire work within the time specified at SI no.1, to be reckoned from the date of issue of Letter of Acceptance.

- 5. Tenders must be accompanied the EMD of the amount specified for the work in the table.
- 6. Deleted.
- 7. Deleted
- 8. Bid submission
  - i) Online Bid Submission Technical Bid (Cover-I) (Refer Section- I i.e. ITB) and Price Bid (Cover-II) electronic format complete in all respect must be uploaded at the aforesaid portal date & time as per SI. No. 1.
  - ii) Offline Bid Submission (Refer Section- I i.e. ITB) complete in all respect must be delivered in sealed envelopes to the address, date & time as per SI. No. 1.

In the event of the specified date or amendment if any for the submission of bids being declared a holiday for the Employer, the hard copy of the documents will be received up to the specified time on the next working day. Similarly, in the event of the specified date or amendment if any for the opening of bids being declared a holiday for the Employer, the opening shall be carried out at the specified time on the next working day. However, the date and time for online submission of the Bids shall continue to be the date and time specified or amendment if any.

- 9. The currency for the Bid shall be Indian Rupee only.
- 10. Bids shall be valid for a period as mentioned in Sl. no.1 after the deadline for Bid submission. If any Bidder withdraws his Bid before the said period or makes any modification in his Bid, the Earnest Money Deposit of the Bidder shall be invoked/ forfeited.
- 11. The Techno-commercial Bid shall be opened online at venue date & time as per Sl. No.-1. The time and date of opening of Financial Bid of bidders qualified the technical bid shall be

communicated to them at later date after evaluations of technical bids. The Employer/Tender inviting Authority at his discretion may open Technical and Financial Bid simultaneously and evaluate the Bid completely.

### 12. E-tendering: Instruction for online bid submission

The Techno-commercial Bid and Price Bid to be submitted on-line at Central Public Procurement e-Portal <a href="http://eprocure.gov.in/eprocure/app">http://eprocure.gov.in/eprocure/app</a>. 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.

### 12.1 Registration:

- i) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>) by clicking on the link "Online bidder Enrollment" on the CPP Portal which 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) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- iv) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- v) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- vi) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.
- vii) 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.

### **12.2** 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 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.

### 12.3 Preparation of Bids:

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Bidder should go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please 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) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- d) 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" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

### 12.4 Submission of Bids:

- i) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- ii) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- iii) Bidder has to select the payment option as "offline" to pay the tender fee as applicable and enter details of the instrument.
- iv) Bidder should prepare the EMD and other required documents as per the instructions specified in the NIT/tender document. The originals should be posted/couriered/given in person to the concerned official or the place specified in Para-1, latest by the last date of bid submission or as specified in the tender

- documents. The details of the EMD / 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.
- v) Bidders are requested to note that they should necessarily submit their Price bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- vi) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- vii) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- viii) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- ix) Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- x) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

### 12.5 ASSISTANCE TO BIDDERS

- i) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- ii) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. No.0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787, E-mail: support-eproc [at]nic[dot]in.
- 13. Any corrigendum, subsequent amendments and / or extension of date, if any, for submission of Bids shall be posted on the portal https://eprocure.gov.in/eprocure/app and www.nhpcindia.com. Bidder(s) are advised to visit the portal regularly before the deadline for submission of Bids.
- 14. The Employer 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 Employer 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.
- Bidder shall comply with the provisions of "Restrictions under Rule 144(xi) of the General financial Rules (GFRs) 2017" dated 23.07.2020 and subsequent clarifications.

Any bidder from a country which shares a land border with India (except to which the Government of India has extended line of credit or in which the Government of India is engaged in development projects as mentioned in Order Public Procurement No. 2 dt. 23.07.2020 or its subsequent revisions/amendments) will be eligible to bid only if the bidder is registered with the Competent Authority, i.e. Registration Committee constituted by DPIIT.

The successful bidder shall not be allowed to sub contract works to any contractor from a country which shares a land border with India (except to which the Government of India has extended line of credit or in which the Government of India is engaged in development projects as mentioned in Order Public Procurement No. 2 dt. 23.07.2020 or its subsequent revisions/amendments) unless such contractor is registered with the Competent Authority, i.e. Registration Committee constituted by DPI IT.

A bidder is permitted to procure raw material, components, sub assemblies, etc. from the vendors of countries sharing a land border with India without getting registered with the Competent Authority, i.e. Registration Committee constituted by DPIIT, as it is not regarded as "sub-contracting".

However, in case a bidder proposes to supply finished goods procured directly/indirectly from the vendors of the countries sharing land border with India, such vendors will be required to get registered with the Competent Authority, i.e. Registration Committee constituted by DPIIT.

Procurement of spare parts and other essential service support like Annual Maintenance Contract (AMC) / Comprehensive Maintenance Contract (CMC), including consumables for

closed systems, from Original Equipment Manufacturers (OEMs) or their authroised agents, shall be exempted from the requirement of registration as mandated under Rule 144(xi) of GFRs 2017.

16 In case of any difference between wordings of English and Hindi version of 'Notice Inviting Tender', English version shall prevail.

For & on behalf of NHPC Ltd.

**Tender Inviting Authority & Contact Person** 

General Manager (CC-II), Contracts (Civil) Division, 2nd Floor, Jyoti Sadan, NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana), Tele # 0129-2254677 E-mail-contcivil2-co@nhpc.nic.in

# SECTION II PART-I INSTRUCTIONS TO BIDDERS (ITB)

### **SECTION II: INSTRUCTIONS TO BIDDERS**

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### Section-II (Part-I)

### **Instructions to Bidders (ITB)**

### A. GENERAL

### 1. SCOPE OF BID

- 1.1 The NHPC Ltd. hereinafter referred to as Employer invites bids for the "Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana." as described in these documents and referred to as "the Works". The name and identification number of the works is provided in the NIT/Bidding Data. The bidders may submit bids for any or all of the works detailed in the table given in the Notice Inviting Tender. Bid for each work should be submitted separately.
- 1.2 The successful Bidder will be required to complete the Works in the Time allowed for Completion specified in the **Schedule D** in accordance with Conditions of Contract.
- 1.3 Throughout these documents, the terms "bid" and "tender" and their derivatives (bidder/ tenderer, bid/ tender, bidding/ tendering, etc.) are synonymous.

### 2. ELIGIBLE BIDDERS

- 2.1 This Invitation for Bid is open to:
  - a) All Domestic bidders who are registered legal entity i.e. Firm/ Company/ Proprietary firm (Except Joint Venture).

In support, the bidder should submit notarized copy of Registration Certificate/ Certificate of Incorporation issued from the appropriate Govt. agency for Firm/ Company/ Proprietary firm.

- a) All bidders who are Class-I Local Supplier under Public Procurement (Preference to Make in India) order for Goods/ Services/ Works issued by Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry Order No. P-45021/2/2017-PP (BE-II) dated 16<sup>th</sup> September 2020 or as amended and meeting the qualification criteria as defined in ITB clause 3. In this regard the bidders must submit undertaking as per Form 13.
- i) Bidders shall not have been banned/ de-listed/ black listed/ debarred from business on the ground mentioned in para 6 of Guidelines on Banning of Business dealings (Annexure-A) to Integrity Pact. Self-Declaration in this regard is to be submitted as per the enclosed Performa (Form-2 & 3, Section-III).

### 2.3 Deleted

### 3.0 QUALIFICATION OF THE BIDDER

- 3.1 All bidders shall include the following information and documents with their bids in, Qualification Information unless otherwise stated in the ITB:
  - a) Copies of original documents defining the constitution or legal status, place of registration, and principal place of business; written power of attorney of the signatory of the Bid to commit the Bidder. Additional information as sought in the Form-6 General Information, Section-III shall be provided.
  - b) Work experience to demonstrate meeting the criteria stipulated in clause **3.2.1** shall be provided in **Form -8, Section-III**. The work experience shown shall be supported with certificate(s) from the Engineer-in-charge/Project head of the concerned work. In case of experience certificates produced by the contractors for having executed works for Private Organizations, TDS Certificates / Form 26AS shall also be produced along with experience certificate.
  - c) Information on financial criteria stipulated in clause **3.2.2** shall be furnished in **Form -7, Section-III**. Copy of affidavit/Certificate of CA mentioning Financial Turnover of last 3 (three) years ending FY 2021-22. Printed Annual reports or financial statements of the Bidder, such as balance sheet, profit and loss statements and auditor's reports as the case may be for the past three years shall be submitted to ascertain bidder's meeting the financial criteria.

### 3.2. QUALIFICATION CRITERIA

The qualification will be subject to Bidder's fulfillment of the Qualification Criteria set and stipulated hereunder, substantiated by authentic and relevant information and details. Additional information in support of their claims of achievements may be furnished in any form of their device and design The Bidder(s) who wish to apply for Tender for the aforesaid work must satisfy the following qualifying criteria:

### 3.2.1 TECHNICAL CRITERIA

Experience of having successfully/ satisfactorily completed similar works during last five years (28 days prior to the deadline for online submission of bid), as prime contractor, should be either of the following:

d) One similar completed work costing not less than the amount equal to Rs. 4,63,268/-

Or

e) Two similar completed works costing not less than the amount equal to Rs. 2,89,543/- each

f) Three similar completed works costing not less than the amount equal to Rs. 2,31,634/- each

Note: Similar work means

"Construction of Buildings"

OR

"Repair & Maintenance (Civil related works) of Buildings"
OR

"Renovation/ Construction of Toilets"

### **3.2.2** FINANCIAL CRITERIA:

Turnover: The bidder shall have achieved in any one year in last three years ending FY2022-23, a minimum financial turnover of at least equal to Rs. 5.79 Lakh.

### 3.2.3 NATURE OF BIDDERS

Bidder should be a single entity for participating in the Bid.

### 3.2.4 BIDS BY MERGED / ACQUIRED / SUBSIDIARY COMPANIES:

In case of a Bidder's Company, formed after merger and/or acquisition of other companies, past experience and other antecedents of the merged/acquired companies will be considered for qualification of such Bidder's Company provided such Bidder's Company continues to own the requisite assets and resources of the merged/acquired companies needed for execution and successful implementation of the work package put to tender.

- **3.2.5** Each bidder must also produce with their Bid:
  - i) Copies of PAN No., GST Registration No., EPF Registration No. issued by RPFC and ESIC Registration No (If applicable).
  - ii) A declaration that the information furnished with the bid documents is correct in all respects in Form-2: Form of declaration, Section-III.
  - iii) Such other certificates, if any, as defined in the ITB.
- To qualify for Contract for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having work experience, financial capability and resources sufficient to meet the aggregate of the qualifying criteria. Failure to produce the certificates and documents in clauses 3.1 and 3.2.1 & 3.2.2 shall make the bid non-responsive.
- 3.2.7 JVs or any other arrangement other than sole bidder is not allowed. Experience and resources of proposed sub-contractor, if any shall not be taken into account in determining the bidder's compliance with the qualifying criteria. However, experience of bidder as sub-contractor approved by Project developer shall be considered. Experience of bidders as member of Consortium/Joint Venture shall be considered as per distribution of work against the member of the

Consortium/Joint Venture. In case where distribution of Consortium/JV members is not specified in Consortium/JV agreement then the experience credential shall be considered for all members of JV with minimum 35% participation share.

All Start-ups (whether MSEs or otherwise) registered for similar nature of work, falling within the definition as per Gazette notification- G.S.R. 501 (E) dt. 23.05.2017 or as amended from time to time are exempted from meeting the qualification criteria in respect of Prior Experience-Prior Turnover in public procurement subject to meeting of quality and technical specifications for which necessary documents shall be submitted by such bidders.

### 3.2.9 Bids of any insolvent firm

The Bidder 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, or as amended from time to time (IBC 2016 hereafter).

In case, bidder 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, the bidder shall be considered as ineligible and his bid shall be rejected.

Self-declaration in this regard is to be submitted as per enclosed Proforma (Form-15, Section-III).

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 Parent/Holding Company 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.

### 3.2.10 Provisions related to Make in India:

a) For procurement of Goods/Services/Works, irrespective of purchase value where there is sufficient local capacity and local competition, only Class-I local supplier shall be eligible to bid.

The above criteria shall be subject to compliance of following:

i) The bidder shall have to be an entity registered in India in accordance with law.

- ii) The bids shall be in Indian National Rupees (INR) only in respect of local content.
- iii) The bidder shall follow Indian laws, regulations and standards.
- Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:
  - i) made misleading or false representations in the forms, statements, declarations and attachments submitted in proof of the qualification requirements; and/or
  - ii) Participated in the previous bidding for the same work and had quoted abnormally high or low bid prices and could not furnish rational justification for it to the Employer.

### 4.0 COST OF BIDDING

Complete bid document can be viewed and downloaded from NHPC Ltd. website <a href="www.nhpcindia.com">www.nhpcindia.com</a> (for reference only) and Central Public Procurement (CPP) Portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>. The bidder will be required to submit a non-refundable fee of **Rs. 500/(Rupees Five Hundred Only)** in the form of Crossed Demand Draft in favour of "NHPC Limited" payable at Faridabad towards the cost of Tender fee. The bidder shall fill the tender fee details online and submit DD to Tender Inviting Authority i.e. "General Manager (CC-II), Contracts (Civil) Division, 2nd Floor, Jyoti Sadan, NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana)" on or before the date as specified in NIT.

The Bidder shall bear all costs associated with the preparation and submission of his Bid, and the Employer will, in no case, be responsible or liable for those costs, regardless of the outcome of the Bidding process.

### 5.0 SITE VISIT

- 5.1 The tenderers, in their own interest, should inspect and examine the site and its surroundings and satisfy themselves, before submitting their tender, in respect of the site conditions including but not restricted to the following which may influence or affect the work or cost thereof under the Contract:
  - a) Site conditions including access to the site, existing and required roads and other means of transport/communication for use by them in connection with the works;
  - b) Requirement and availability of land and other facilities for their enabling works, colonies, stores and workshops etc.
  - Ground conditions including those bearing upon transportation, disposal, handling and storage of materials required for the work or obtained therefrom;

- d) Source and extent of availability of suitable materials including water, etc. and labour (skilled and un-skilled), required for work and Laws and Regulations governing their use and employment;
- e) The type of equipment and facilities needed, preliminary to, for and in the performance of the work; and
- f) All other information pertaining to and needed for the work including information as to the risks, contingencies and other circumstances which may influence or affect the work or the cost thereof under this contract.
- 5.2 The tenderers should note that information, if any, in regard to the site and local conditions, in these tender documents, except for the material agreed to be supplied by the Employer, has been given merely to assist the tenderers and is not warranted to be complete.
- 5.3 The tenderers should note and bear in mind that the Employer shall bear no responsibility for the lack of acquaintance of the site and other conditions or any information relating thereto, on their part. The consequences of the lack of any knowledge, as aforesaid, on the part of the tenderers shall be at their risk and cost and no charges or claims whatsoever consequent upon the lack of any information, knowledge or understanding shall be entertained or payable by the Employer.
- For Site Visit, the tenderers should Contact Engineer-I/c, at following address:

DGM (Civil)

**EMS Division** 

Contract No. 0129-2272801

### B BIDDING DOCUMENTS AND EVALUATION

### 6.0 CONTENT OF BIDDING DOCUMENTS

6.1 The set of bidding documents comprises the documents listed below and addenda issued in accordance with Clause 8 of ITB.

Section I	Notice Inviting Tender
Section II	Part-I: Instructions to Bidders(ITB) Part-II: Bidding Data
	Part-III: Information For Bidders (IFB)
Section III	Qualification Forms including Tender Form, Form of declaration and Qualification Information
Section IV	General Conditions of Contract (GCC), Special Conditions of Contract (SCC) and Schedules
Section V	Forms
Section VI	Schedule of Quantities and Prices.

Section VII	Deleted
Section VIII	Technical Specifications and Safety Manual
Section IX	Tender Drawings

The bidder is expected to examine carefully all instructions, Forms, Schedules of Quantities and Price, qualification information and other schedules, General conditions of contract, specifications, and drawings in the Bid Document. Failure to comply with the requirements of Bid Documents shall be at the bidder's own risk. Pursuant to **clause 22** hereof, bids, which are not substantially responsive to the requirements of the Bid Documents, shall be rejected.

### 7.0 CLARIFICATION OF BIDDING DOCUMENTS

A prospective Bidder requiring any clarification of the bidding documents may notify to Tender Inviting Authority in writing or by e-mail at the address indicated in the Bidding Data. The Employer will respond to any request for clarification which are received within 10 days from the date of publication of NIT/Bid document. Employer's response will be published on the CPP portal https://eprocure.gov.in/eprocure/app, including a description of the inquiry, but without identifying its source. The Employer shall not be obliged to respond to any request for clarification received later than the above said period. Further, the mere request for clarification from the bidder(s) shall not be a ground for seeking extension in the deadline for submission of bids.

Any modifications in the Tender documents shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 8 of ITB.

### 8.0 AMENDMENT OF BIDDING DOCUMENTS

- 8.1 Before the deadline for submission of bids, the Employer may for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by issuing addendum/corrigendum.
- 8.2 In case, the Schedule of Quantities and Price (Schedule–A) is revised through corrigendum/addendum, in such a case submission of revised Price bid will become mandatory, and the Price bid submitted earlier (i.e. before corrigendum) will become invalid.
- 8.3 Any addendum/corrigendum issued prior to submission of bids would be put up on the portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>, NHPC website www.nhpcindia.com as well as on Central Public Procurement (CPP) portal www.eprocure.gov.in. Any addenda/corrigenda /clarifications thus issued shall be part of the bidding documents. The prospective bidders have to check aforesaid portal for any amendment/corrigenda/clarifications

periodically and before submission of their bids. All prospective bidders are presumed to have examined all amendments/corrigenda/clarifications published on the website and have submitted their bids accordingly.

8.4 To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer shall extend, as necessary, the deadline for submission of bids, in accordance with Clause 18 of ITB.

### C. PREPARATION OF BIDS

### 9.0 LANGUAGE OF BID

All documents relating to the Bid shall be in English language.

### 10.0 BID PRICES

- 10.1 The Contract shall be for the whole Works, as described in Clause1.1 of ITB, based on the Schedule of Quantities and Prices submitted by the Bidder.
- 10.2 The Bids are invited on Item rate method as specified in **Schedule- D**.

<u>Item rate method requires</u> the bidder to quote rates and prices for all items of the Works described in the Schedule of Quantities and Prices. The item for which no rate or price or zero is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Schedule of Quantities and Prices.

All duties, taxes, royalties and other levies payable by the Contractor under the Contract, or for any other cause, as applicable 28 days prior to deadline for submission of Bid, shall be included in the rates, prices, and total Bid price submitted by the Bidder. All applicable taxes / duties including Goods and Services Tax (GST) as applicable and assessed 28 days prior to deadline for submission of Bid on the Employer shall also be included in the prices / rates, which shall be deducted from the Contractor and deposited to the concerned authority by the Employer. Employer will not entertain any claim whatsoever on this account.

GST has been implemented by the Government w.e.f. 01.07.2017. The Contractor, except for the supplies for the categories mentioned at Section 9(3) of GST Act, shall submit GSTIN and shall quote his prices in accordance with GST provisions after considering the benefit of Input Tax Credit etc. Undertaking in the prescribed format for passing on benefit of Input Tax Credit and compliance of Anti-profiteering clause under Section 171 of CGST Act / SGST Act. shall be submitted along with bid.

### 10.4 DELETED

### 11.0 CURRENCIES OF BID

The rates and the prices shall be quoted by the bidder entirely in Indian Rupees.

### 12.0 BID VALIDITY

- Bids shall remain valid for a period of 120 days after the deadline date for online bid submission specified in Clause 16 of ITB or amendment thereof or NIT/Bidding Data.
- In exceptional circumstances, prior to expiry of the original time limit, the Employer may request the bidders to extend the period of validity for a specified additional period. The request and the bidder's responses shall be made in writing or by e-mail. A bidder may refuse the request without invoke//forfeiting his Bid Security (EMD). A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his earnest money for a period of the extension, and in compliance with Clause 13 of ITB in all respects.

### 13. Earnest Money Deposit (EMD)/ Bid Security

13.1 The Bidder shall furnish, as part of the Bid, Earnest Money/Bid security, for the amount specified in the Bidding data either in the form of Demand draft in favour of 'NHPC Ltd' payable at place mentioned in Bidding data.

However, in case Earnest Money has been submitted by the bidder in the form of Demand draft, the information relating to particulars of the bidders bank shall be submitted by the bidder along with the bid in the ECS Form at Section-V. The Earnest Money of unsuccessful bidders shall be remitted by the Employer in the above account through ECS mode.

- Any bid not accompanied by an acceptable Earnest Money shall be rejected by the Employer as non- responsive.
- The Earnest Money of bidders who are not qualified for opening of price bid shall be returned within 15 days after such notification. The Earnest Money of unsuccessful bidders will be returned within 15 days of notification of the award of Contract to the successful bidder.
- 13.4 The Earnest Money of the successful Bidder will be discharged when the Bidder has signed the Agreement and furnished the required Performance Security Deposit.
- 13.5 The Earnest Money may be forfeited:
  - a) if the Bidder withdraws or modify/revise the bid without consent in writing of Employer, in the interval between the Bid submission deadline and the expiration of the Bid validity period; or

- b) if the Bidder adopts corrupt or fraudulent or collusive or coercive practice(s) or defaults under Integrity Pact; or
- c) in the case of a successful Bidder, if the Bidder fails within the specified time limit to
  - (i) sign the Agreement; and/or
  - (ii) furnish the required Performance Security Deposit.
- Interest or any other charges, whatsoever, will not be payable by the Employer on the Earnest Money Deposit.
- 13.7 Deleted
- Bidder shall communicate the following bank details of NHPC to the issuing bank for online confirmation of Bid Guarantee to be submitted in terms of this clause:

Name of the beneficiary: NHPC Ltd.

Account No.:10813608692 IFSC Code:SBIN0017313

Branch: CAG-II New Delhi (17313)

Address of the Bank: State Bank of the India, 5th Floor, Redfort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market,

New Delhi-110001

- 13.9 Deleted
- 13.10 Start-Ups as recognized by Department of Industrial Policy & Promotion (DIPP) are exempted from furnishing the Bid Security / EMD. They should furnish with the Bid a Notarized copy of the valid Certificate of Recognition issued by DIPP. No other bidders are exempted from furnishing Bid Security / EMD except as mentioned elsewhere in the document.

### 14.0 ALTERNATIVE PROPOSALS BY BIDDERS

Bidder(s) shall submit offers that comply with the requirements of the bidding documents, including the Schedule of Quantities and Price, and the basic technical design as indicated in the drawings and specifications. Further, failure to furnish all information required by the Bid Document or submission of incomplete offers, conditional Bid and proposals containing deviations from the Bid Document shall be rejected as non-responsive.

### D. SUBMISSION OF BIDS

### 15.0 SUBMISSION OF BIDS

The Bid shall be prepared and submitted in two parts as stated hereunder. Submission of the bids by any other means shall not be accepted by the Employer in any circumstances. The deadline for submission of bids is indicated in NIT/Bidding Data.

### 15.1 ONLINE SUBMISSION:

## 15.1.1 Cover –I:

This shall be named "Technical Bid or Techno-Commercial Bid". No price related information shall be mentioned in the Technical Bid. Techno-commercial Bid shall comprise;

- i). Duly filled Letter of Tender (Form-1, Section III) (without indicating the quoted price)
- ii). Scanned copy of DD/Banker's cheque towards cost of Tender fee.
- iii). Scanned copy of DD / Notarized copy of the valid Certificate of Recognition issued by DIPP to start Ups as per ITB Clause 13.
- iv). Duly filled General Information (Form-6, Section III), and Scanned copies of original documents defining the constitution or legal status, Memorandum of Understanding/ Articles of Association, place of registration, and principal place of business; notarized power of attorney of the signatory of the Bid to commit the Bidder with authority of the executant to execute the same;
- v). Duly filled Form of Declaration (Form-2, Section III)
- vi). Duly filled Declaration of Ineligibility (Form- 3, Section III)
- vii). Scanned copy of GST Registration No.
- viii). Scanned copy of PAN No.
- ix). Scanned copy of EPF Registration No. and ESIC Registration No (If applicable), ECS Form (Section-V)
- x). Detail(s) of Work Experience (Duly filled in Form- 8 & 9, Section III) supported with Scanned copies of documentary evidence.
- xi). Scanned copies of Annual Turnover along with (Duly filled in Form -7, Section III), Copy of affidavit/Certificate of CA mentioning Financial Turnover of last 3 (three) years, Printed Annual reports or financial statements of the Bidder, such as balance sheet, profit and loss statements and auditor's reports as the case may be for the past three years.)
- xii). Quality Assurance and Proposed Site Organisation (Form-11, Section III), Declaration regarding Class-I local supplier under Public Procurement (Preference to Make in India) (Form-13, Section III), Undertaking regarding Insolvency Proceedings (Form-15, Section III), Undertaking by Bidder towards Anti-profiteering Clause of GST Act/ Rules (Form-4, Section III)

- xiii). Declaration regarding applicability of Start-up India Initiative (Form-14), Scanned copy of duly signed Integrity Pact as per Clause 2.4 of ITB
- xiv). Such other certificates/documents as defined in the ITB.

### 15.1.2 **Cover-II:**

It shall be named "Financial Bid or Price Bid" and shall comprise of Schedule of Quantities and Prices (Schedule A).

Price Bid shall be submitted in Electronic Form on the portal by the date & time as specified in NIT/Bidding Data. Submission of the "Price Bid" by any other means shall not be accepted by the Employer in any circumstances. The bidder shall quote its rates for all items of the Works described in the Schedule of Quantities. In case, if any cell is left blank and no rate is quoted against any of the item(s) by the bidder, rate of such item(s) shall be treated as "0" (Zero) and considered included in the cost of the Bid and no separate claim whatsoever will be entertained on this account.

15.1.3 Submission of revised Price bid will be mandatory, in case the same is desired by Employer through corrigendum/addenda. Such a case the Price bid submitted earlier will become invalid.

### 15.2 OFFLINE SUBMISSION:

Bidder shall submit the hard copy(ies) of documents as mentioned at sub para 15.2.1 in (one) sealed envelope, which must be either delivered by hand or by registered mail/Speed Post/Courier, and submitted by the date and time as specified in NIT/Bidding data. The envelope received late or after the prescribed due date and time will not be entertained. NHPC will not be responsible for any postal delay.

- The sealed Envelope containing hard copy of documents shall be marked as "Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.", Tender ID No. 2024\_NHPC\_ and due date of submission:
  - i). Cost of Tender Documents (in original) in the form of demand draft/banker's cheque payable at "Faridabad" (in original) as specified in NIT/Bidding Data.
  - ii). Amount of EMD (in original) in the form of demand draft/banker's cheque payable at "Faridabad" (in original) as specified in NIT/Bidding Data/ Notarized copy of the valid Certificate of Recognition issued by DIPP to start Ups
  - iii). Power of Attorney along with a copy of the Board resolution. In case of a General Power of Attorney, a true copy of the POA

shall be duly notarized by Notary and in case of a specific Power of Attorney, the original POA

iv). Deleted

15.3 The bid submitted shall become invalid if any discrepancy is noticed between the documents as uploaded at the time of submission of bid (clause 15.1.1) and hard copies as submitted physically to the Tender Inviting Authority (clause 15.2.1).

### 16.0 DEADLINE FOR SUBMISSION OF BIDS

16.1 Complete Bids must be uploaded at the portal, and hard copy (ies) of the document as mentioned in Clause 15.2 of ITB must be submitted at the address specified, by the date and time as stipulated in the NIT/Bidding Data.

In the event of the specified date for the submission of bids being declared a holiday for the NHPC Ltd., the hard copy(ies) of the documents will be received up to the specified time on the next working day. However, the date and time for online submission of the Bids shall continue to be the date and time specified in the Bidding Data or any amendment for the same.

- The Employer may, in the exceptional circumstances and at its discretion, extend the deadline for submission of bids by issuing an amendment in accordance with Clause 8 of ITB, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will then be subject to the new deadline.
- 16.3 E-procurement portal permits only one person having Digital Signature Certificate (DSC) and registration etc. at the portal. It will be deemed that the legally authorized signatories of the Bidder having DSC has carried out bidding process through portal.
- Any alteration/ modification in the Bid or additional information supplied subsequently to the Bid after period of bid submission, unless the same has been expressly sought for by the Employer, shall be disregarded.

### 17.0 LATE BIDS

Online submission of the bid will not be permitted on the portal after expiry of submission time and the bidder shall not be permitted to submit the same by any other mode. Similarly hard copies of the Off line documents, if received by the Employer after the deadline for submission of Bids prescribed in Bidding Data, then it will be considered as 'Late Bid' notwithstanding the fact that the bidder has uploaded the bid online within the stipulated deadline. In such a case, the uploaded online bid on the portal shall be considered as non-responsive and shall not be processed further.

### 18.0 MODIFICATION AND WITHDRAWAL OF BID

- After submission of the bid the contractor can re-submit revised bid any number of times but before stipulated deadline for submission of bid. Bidders are advised not to withdraw their bids, as once bids is withdrawn, they cannot participate in same tender again.
- In case Employer desired through amendment/corrigendum to submit revised financial bid then it shall be mandatory to submit revised Price bid. In such case the bid submitted before amendment/corrigendum shall become invalid.
- 18.3 The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- No Bid shall be withdrawn or modified/revised without consent in writing of Employer, in the interval between the Bid submission deadline and the expiration of the Bid validity period specified in Bid Document. Withdrawal or modification of a Bid during this interval will result in the Bidder's forfeiture of its Bid security and further their Bid shall be considered non-responsive.

### E. BID OPENING AND EVALUATION

### 19.0 BID OPENING

The Employer/ Authority inviting Tender will open the bids received (except those received late) in the presence of the bidders/bidders' representatives who choose to attend at the time, date and place specified in the NIT/Bidding Data. The Bidders/ Bidder's representatives who are present shall sign a register evidencing their attendance. Bidder(s) can also view Bid opening online on the portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> at their end.

In the event of the specified date for the opening of bids being declared a holiday for the Employer, the Bids will be opened at the appointed time and location on the next working day.

- 19.2 Online Cover-I i. e Technical Bids shall be opened first.
- 19.3 Cover-I i.e Technical Bids shall be evaluated for establishing eligibility of the bidder as per ITB clause 2 & 3 as well as technocommercially responsiveness as per ITB Clause 22, and a list will be drawn up of the responsive bids whose Price bids are eligible for consideration.
- 19.4 Cover-II i.e. Price Bid of only of those Bidder(s), whose technical bids are found to be meeting the eligibility criteria as well as are techno-commercially responsive for the subject Works, shall be

opened thereafter. The date of opening of the Price Bid shall be notified separately to all the eligible & techno-commercial responsive Bidder. The Price Bid shall be opened online in presence of Bidder's representatives who wish to be present at the notified time and place. Bidder(s) can also view Bid opening online on the portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> at their end.

- 19.5 The Price Bids of Bidder(s), who are not considered eligible and techno commercial responsive, shall not be opened and will be 'Archived' unopened. The decision of the Employer will be final and binding in this regard.
- 19.6 The Employer at his discretion may open Technical and Price Bid simultaneously and evaluate the Bid completely.

### 20.0 PROCESS TO BE CONFIDENTIAL

Information relating to the examination, clarification, evaluation, and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidder(s) or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any attempt by a Bidder to influence the Employer's processing of bids or award decisions may result in the rejection of his bid.

# 21.0 EXAMINATION OF BIDS AND DETERMINATION OF RESPONSIVENESS

- During the detailed evaluation of "Technical Bids", the Employer will determine whether each Bid:
  - (a) meets the eligibility criteria defined in ITB Clauses 2 and 3;
  - (b) has been properly signed;
  - (c) is accompanied by the required securities; and
  - (d) is substantially responsive to the requirements of the bidding documents. During the detailed evaluation of the "Price Bids", the responsiveness of the bids will be further determined with respect to the remaining bid conditions, i.e., priced Schedule of Quantities and Prices, Technical Specifications and Drawings.
- A substantially responsive "Bid" is one which conforms to all the terms, conditions, and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one:
  - (a) which affects in any substantial way the scope, quality, or performance of the Works;
  - (b) which limits in any substantial way, the Employer's rights or the Bidder's obligations under the Contract; or

- (c) whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids or
- (d) which is inconsistent with the bidding documents, .
- 21.3 If a "Bid" is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.
- During techno-commercial Bid evaluation, the Employer may, at its discretion, ask any Bidder for a clarification of its Bid. The request for clarification and response shall be in writing or e-mail or through the portal, however, no change in the price or substance of the Bid shall be sought, offered or permitted. Reply shall be submitted by Bidder within a stated reasonable period of time. If Bidder does not provide clarifications of the information requested by the date and time set in the Employer's request for clarification, its Bids may be rejected.

### 22.0 EVALUATION AND COMPARISON OF BIDS

The Employer will evaluate and compare the Cover-II i.e. Price Bid of bidders whose bids are determined to be substantially technocommercially responsive in accordance with Clause 21 of ITB.

The Price bid duly filed in excel sheet in conformity with the tender specification shall be uploaded on the e-procurement portal only. Unit of Measurement (UOM) is indicated in the BoQ. The BoQ is to be filled in by filing rates of the items to be filled in by the Bidder. The calculation of amount by multiplying the quantities with the rates filled in by the bidder, sub-totals, total etc. shall be done by formulae already provided in electronic form. In case of any discrepancy in the calculations, the unit rates shall be considered final and the amount calculated by using the same shall be corrected and considered as final.

In case bids are invited on Item Rate Method and if the bid of the successful bidder is front loaded (i.e the items which are to be executed in earlier part of construction period, are quoted high or bid with low rated items to be executed in the later part of contract period) in relation to the Employer's estimate of the cost of work to be performed under the contract, the Employer may require that the amount of the performance security set forth in Clause 27 of ITB be increased to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract. The amount of the increased performance security shall be decided at the sole discretion of the Employer, which shall be final, binding and conclusive on the bidder.

The Bank Guarantee for the additional performance security shall be valid up to Time for Completion of the work under the scope of the contract.

In case the cost as quoted by the bidders in their Price bid are tied among the bidders, Purchaser may go for Snap bid or other alternative method to decide the lowest successful bidder at its sole discretion.

### **Snap bid** will be executed as follows:

In case the lowest tendered amount of two or more bidders is same, such lowest bidders will be asked to submit sealed revised offer in the form of letter, but the revised quoted rates should not be higher than the rates quoted at the time of submission of the tender earlier. The lowest tender shall be decided on the basis of revised offers.

In case any of such bidders refuses to submit revised offer then it shall be treated as withdrawal of his tender before acceptance.

If the revised tendered amount of two or more bidders received in revised offer is again found to be equal, the lowest tender, among such bidders, shall be decided by draw of lots in presence of authorized representatives of NHPC Limited and the lowest bidders those have quoted equal amount of tender.

### 23.0 Purchase Preference

Purchase preference will be applicable as per extant GOI Policy.

### F AWARD OF CONTRACT

### 24.0 AWARD CRITERIA

Subject to Clause 26 of ITB, the Employer will award the Contract to the Bidder who has offered the lowest evaluated Bid price, provided that such Bidder has been determined to be (a) eligible in accordance with the provisions of Clause 2 & 3 of ITB; (b) determined substantive responsive and (c) who has offered the lowest Evaluated Bid Price pursuant to Clause 22,

# 25.0 EMPLOYER'S RIGHT TO ACCEPT ANY BID OR REJECT ANY OR ALL BIDS

Notwithstanding Clause 24 above, the Employer 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 bidders. However, the Bidder(s) who wish to seek reasons for such decision of cancellation/rejection shall be informed of the same by Employer 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.

### 26.0 NOTIFICATION OF AWARD AND SIGNING OF AGREEMENT

- The bidder whose bid has been accepted will be notified of the award by the Employer prior to expiration of the Bid validity period through the "Letter of Acceptance", which will state the sum that the Employer will pay to the Contractor in consideration of the execution, completion by the Contractor as prescribed by the Contract.
- The notification of award will constitute the formation of the Contract until the formal Agreement is signed pursuant to ITB clause 26.3 and further subject to the furnishing of a performance security deposit in accordance with the provisions of ITB Clause 27. Within 30 days of date of issue of Letter of Acceptance, Contract Agreement shall be drawn with the successful bidder on prescribed Form.
- The Agreement will incorporate all agreements between the Employer and the successful bidder. It will be signed by the Employer and the successful bidder after the performance security deposit is furnished.
- The Contract shall be signed in three originals (two for Employer and one for contractor). The language of the contract shall be English.
- 26.5 The Contractor shall furnish free of charge such number of true copies of the Contract to the Employer as indicated in Bidding Data.

### 27.0 PERFORMANCE SECURITY DEPOSIT

Within 28 (Twenty Eight) days after issue of the Letter of Acceptance, the successful bidder shall deliver to the Employer Performance Security in accordance with Clause 3 of General Conditions of Contract valid till 90 days beyond the Defect Liability Period. Additional performance security shall also be required to be given for front loaded bid as per clause -3 of GCC which shall be valid till the time of completion of works. The performance security shall not be released till liquidated damages, if any, is pending for recovery.

If the contractor 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 contractor.

In case, the contractor does not submit performance security without a valid reason, the Employer 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 Contractor 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 Contractor 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.

- 27.2 If contractor 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 issue of Letter of Award (LOA), then following actions shall be taken against such Contractor:
  - 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.
- 27.3 Bidder shall communicate the following bank details of NHPC to the issuing bank for online confirmation of Bid Guarantee to be submitted in terms of this clause:

Name of the beneficiary: NHPC Ltd.

Account No.:10813608692 IFSC Code:SBIN0017313

Branch: CAG-II New Delhi (17313)

Address of the Bank: State Bank of the India, 5<sup>th</sup> Floor, Redfort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi-110001

### 28.0 DELETED.

# 29.0 CORRUPT OR FRAUDULENT OR COLLUSIVE OR COERCIVE PRACTICES

The Employer requires the bidders/contractors under this contract observe the highest standard of ethics during the procurement and execution of this contract. In pursuance of this policy, the Employer:

- a) defines, for the purpose of these provisions, 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 procurement process or in Contract execution; and
  - (ii) "Fraudulent practice" means a mis-representation/omission of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Employer, 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 the Employer of the benefits of free and open competition.
  - (iii) "Collusive practices" means a scheme or arrangement between two or more Bidders with or without the knowledge of the Employer, designed to establish Bid prices at artificial, noncompetitive levels;
  - (iv) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence or affect the execution of a contract.
  - (v) "Integrity Pact" means an agreement signed between the contractor and the Employer committing the persons/officials of both parties, not to exercise any corrupt influence on any aspect of the Tender/Contract.
  - (vi) "Independent External Monitor(s) (IEM)" means the External Monitor(s) appointed by the Employer to oversee the implementation of Integrity Pact.
- b) An agreement called Integrity Pact between the prospective Bidders and the Employer shall be signed committing the persons/officials of both the parties, not to exercise any corrupt influence on any aspect of the Tender/Contract. The Independent External Monitor(s) (IEM) appointed by the Employer shall oversee the compliance of obligation under the Integrity Pact.
- c) A Bid may be rejected by the Employer if it is determined at any stage that the respective Bidder has engaged in corrupt or fraudulent or collusive or coercive practices or defaulted commitments under Integrity Pact in competing for or in executing the contract in question and his Bid Security shall be forfeited. The Contractor shall not be entitled for any compensation whatsoever under this clause.
- d) The Employer will declare a Bidder ineligible, either indefinitely or for a stated period of time, to award a contract/contracts if he at any time determines that the Bidder has engaged in corrupt or fraudulent or

collusive or coercive practices in competing for, or in executing, the contract.

the officials of the Employer for its authenticity at any time and the Contractor shall provide all facilities/co-operation in this regard. If it is found that any of the documents/information submitted by the Contractor is not genuine, the Employer shall have full rights to cancel his Bid, forfeit the bid security and terminate the Contract, if awarded.

### 30.0 GENERAL

a) No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor/contractor's employee for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. The bid shall become invalid and/or contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

Bidder shall also intimate the names of persons who are working with him in any capacity who are near relatives to any official of the Employer. Any breach of this condition by the bidder/contractor would render him liable to be removed from this contract.

b) Bidder shall comply with the provisions of "Restrictions under Rule 144(xi) of the General financial Rules (GFRs) 2017" dated 23.07.2020 and subsequent clarifications.

Any bidder from a country which shares a land border with India (except to which the Government of India has extended line of credit or in which the Government of India is engaged in development projects as mentioned in Order Public Procurement No. 2 dt. 23.07.2020 or its subsequent revisions/amendments) will be eligible to bid only if the bidder is registered with the Competent Authority, i.e. Registration Committee constituted by DPIIT.

The successful bidder shall not be allowed to sub contract works to any contractor from a country which shares a land border with India (except to which the Government of India has extended line of credit or in which the Government of India is engaged in development projects as mentioned in Order Public Procurement No. 2 dt. 23.07.2020 or its subsequent revisions/amendments) unless such contractor is registered with the Competent Authority, i.e. Registration Committee constituted by DPI IT.

A bidder is permitted to procure raw material, components, sub assemblies, etc. from the vendors of countries sharing a land border with India without getting registered with the Competent Authority, i.e. Registration Committee constituted by DPIIT, as it is not regarded as "sub-contracting".

However, in case a bidder proposes to supply finished goods procured directly/indirectly from the vendors of the countries sharing land border with India, such vendors will be required to get registered with the Competent Authority, i.e. Registration Committee constituted by DPIIT. Procurement of spare parts and other essential service support like Annual Maintenance Contract (AMC) / Comprehensive Maintenance Contract (CMC), including consumables for closed systems, from Original Equipment Manufacturers (OEMs) or their authroised agents, shall be exempted from the requirement of registration as mandated under Rule 144(xi) of GFRs 2017.

### 31. Deleted

# G <u>IMPORTANT INSTRUCTIONS TO BIDDER(S) FOR ONLINE BIDDING</u>

The bidders are required to submit soft copies of their bids electronically on the 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.

More information useful for submitting online bids on the CPP Portal may be obtained at: <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>.

### REGISTRATION

- 1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>) by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.
- 2. 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 contractors/ bidders through email-id provided.
- 3. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 4. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 5. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.

- 6. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 7. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.
- 8. 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/ nCode/ eMudra or any Certifying Authority recognized by CCA India on eToken/ Smart Card.

### SEARCHING FOR TENDER DOCUMENTS

- 1) 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.
- 2) 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 the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) 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

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please 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.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) 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" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

### **SUBMISSION OF BIDS**

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee as applicable and enter details of the instrument.
- 4) Bidder should prepare and submit (online and offline) the EMD as per the instructions specified in the tender document..
- 5) Bidders are requested to note that they should necessarily submit their Price bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful

- bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

### ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

No.0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787, E-mail:support-eproc [at]nic[dot]in..

### SECTION-II (PART-II)

### **BIDDING DATA**

Ref. Clause	Description	Particulars
1 of ITB	Name of Work	Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.
1 of ITB	Time for Completion/Completion period	3 Months
1 of ITB	Tender Reference No.	NH/CCW/CC-II/CO-290/PR10023/351
12 of ITB	Bid Validity	120 days
13 of ITB	Earnest Money Deposit (EMD)	Rs. 12,000/-(Rupees Twelve Thousand Only) in the form of DD favouring "NHPC Limited" payable at Faridabad.
16 of ITB	Deadline for online Submission of Bids	Date: 01.02.2024 (15:00 Hrs.)
	Deadline for offline submissions of Bids	One (01 hour) prior to the scheduled opening of Technical Bid ( Cover-I)
19 of ITB	Time and Date for Opening of online Technical bid	Date: 02.02.2024 (15.30 Hrs)
19 of ITB	Opening date of offline submission	Date: 02.02.2024 (15.30 Hrs)
19 of ITB	Time, Date & Venue of opening Price bid	Shall be intimated separately to bidders whose bids are found to be technically responsive.
26 of ITB	Copies of Agreement to be provided by the Contractor free of charge.	Original one (one for employer) True Copy:5 Copy

# **SECTION II**

### **PART-III**

# **INFORMATION FOR BIDDERS (IFB)**

### INFORMATION FOR BIDDERS

### 1.0 Location:

Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.

### 2.0 Local facilities and Service at the Work Site:

Stairs could be used for working purpose. Lift can't be used for working purpose. Contractor has to arrange their own facility for working at height or material shifting.

### 3.0 Contact Persons for Site Visit:

DGM (Civil) EMS Division Contact No. 0129-2272801

### 4.0 Security and Medical Check-up of workers:

Entry of labourer in premises is subject to security check. Contractor shall have to apply to E-I/c for issue of passes of their labourer along with requisite documents. It is responsibility of Contractor that Labourers/ Other staffs who will be engaged in work will be medically fit.

- 5.0 The Contractor shall ensure that his staff members & workers shall not be in a state of intoxication and shall abide by any law relating to consumption & possession of intoxicating drinks or drugs in force. Awareness about local laws on this issue shall form part of the induction training by the Contractor.
- 6.0 Working timing will be exercised in a manner that the employees of NHPC office Complex do not face any sort of obstacle and debris generated from work be disposed of at place as directed by Engineer-In-Charge.

# SECTION III QUALIFICATION FORMS

1 3

### **SECTION-III**

# **QUALIFICATION FORMS**

TENDER FORM			
FORM 1	LETTER OF TENDER (TENDER FORM)		
FORM 2	FORM OF DECLARATION		
FORM 3	FORM OF DECLARATION OF INELIGIBILITY		
FORM 4	UNDERTAKING BY BIDDER TOWARDS ANTI-PROFITEERING CLAUSE OF GST ACT / RULES		
FORM 5	-DELETED		
FORM 6	GENERAL INFORMATION		
FORM 7	FINANCIAL DATA		
FORM 8	WORK EXPERIENCE RECORD		
FORM 9	DETAILS OF COMPLETED AND CURRENT CONTRACTS OF SIMILAR NATURE		
FORM 10	DELETED		
FORM 11	QUALITY ASSURANCE AND PROPOSED SITE ORGANISATION		
FORM 12	FORMAT OF INTEGRITY PACT		
FORM 13	DECLARATION REGARDING CLASS-I LOCAL SUPPLIER UNDER PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA) ORDER		
FORM 14	DECLARATION REGARDING APPLICABILITY OF START-UP INDIA INITIATIVE		
FORM 15	SELF-DECLARATION BY THE BIDDER REGARDING INSOLVENCY		

### FORM-1

### **LETTER OF TENDER (TENDER FORM)**

Го	
Γhe,	
NHPC Ltd.,	

We have read and examined the following tender documents relating to "Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.".

- 1. a) Agreement form
  - b) Notice Inviting Tender;
  - c) Instruction to Bidders, Bidding Data and Information for Bidders
  - d) Qualification Forms including Tender Forms, Form of Declaration and Qualification information
  - e) General Conditions of Contract (GCC) and Schedules A, B, C and D
  - f) Forms
  - g) Special Conditions of Contract (SCC)
  - h) Safety Manual.
  - i) Technical Specifications (including criteria for measurement and payments);
  - j) Drawings
  - k) Amendment issued in pursuance to clause no. 8 of ITB and Any other document forming part of the Tender Document
- 2. We hereby tender for execution of the work referred to in the documents mentioned in paragraph one above, upon the terms and conditions contained or referred to in the aforesaid documents and in accordance in all respects with the specifications, designs, drawings and other details given herein and at the rates contained in Schedule of Quantities and Prices (Schedule-A) and within the period(s) of completion as given in Schedule-D and subject to such terms and conditions as stipulated in the contract.
- 3. We agree to keep this tender open for acceptance for 120 days from the due date of online bid submission thereof and also agree not to make any modifications in its terms and conditions on our own accord.
- 4. A sum of Rs. 12,000/- (Rupees Twelve Thousand Only) is hereby enclosed in form of Demand Draft as per clause 13.0 of ITB from a Nationalised or Scheduled Bank of India as Earnest Money. We agree that if we fail to keep the validity of tender open, as aforesaid, or make any modification in the terms and conditions of our tender on our own accord or fail to furnish the prescribed performance guarantee within prescribed period, after the acceptance of our tender, that Employer shall without prejudice to any other right or remedy available in law be at liberty to forfeit the said earnest money absolutely. Further, we agree if we fail to commence the execution of the works as provided in the Bid documents referred to in paragraph-1 above that the Employer shall without prejudice to any other right or remedy available in law be at liberty to forfeit the said performance guarantee absolutely/EMD.

Should this tender be accepted, we agree to abide by and fulfill all the terms and conditions and provisions of the above mentioned tender documents.

- 5. You and your authorized representatives are hereby authorized to conduct any inquiry or investigations to verify the statements, documents, and information submitted in connection with this Bid, and to seek clarification from our bankers and clients regarding any financial and technical aspects. This Letter of Tender will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such information deemed necessary and requested by yourselves to verify statements and information provided in this Bid, or with regard to the resources, experience, and competence of the Applicant.
- 6. This Letter of Tender is made in the full understanding that the Employer without assigning any reasons thereof reserve the right to:
  - i) amend the scope of work to be tendered; and
  - ii) reject or accept any Bid, and
  - iii) cancel the bidding process, and reject all bids.
- 7. We certify that the Tender submitted by us is strictly in accordance with the terms, conditions, specifications etc. as contained in your Tender Documents, referred to in paragraph-1 above, and it does not contain any deviations to the aforesaid documents. It is further certified that information furnished in the Tender submitted by us is correct to the best of our knowledge and belief.
- 8. We hereby also declare that any of the firms/Companies (including our sub-Contractors) participating in this Tender have not been declared ineligible under para 6 of Guidelines on Banning of Business Dealing.

(Signature of person duly authorised to sign the Tender on behalf of the Contractor along with seal of company)

Name	Designation	
Date:	Name of Company	
Witness:		
Name & Address	Signature:	
Date:		

### <u>FORM – 2</u> <u>FORM OF DECLARATION</u>

M/s	(Name of Tenderer) having its registered office
Work for <b>Power</b>	(hereinafter referred to as `the Tenderer') carefully studied all the Tender documents, specifications, drawings, etc. pertaining to the for "Construction of Toilet block at the Camp Office of Hon'ble Minister of State for & H.I. at 1301, Sector-28, Faridabad, Haryana.", the local and site conditions and having aken to execute the said works.
It is dec	clared without any reservation whatsoever that:
1	The submitted Techno-Commercial/Price Bid proposals are without any deviations and
2	are strictly in conformity with the documents issued by the Employer. in case any deviations are noticed which might have crept inadvertently, that such deviations without reservation of any kind are automatically deemed to have been
3	withdrawn by us.  We have visited the site and satisfied ourselves regarding the nature of the work and local conditions that may affect the work or its performance and confirm that the work can be performed and completed as required in the contract. Further, we accept all risks directly or indirectly connected with the performance of the Contract.
4	We are familiar with all the requirements of the Contract and have not been influenced by any statement or promise of any person of the Employer.
5	We are experienced and competent Bidder to perform the Contract to the satisfaction of Employer and are familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipalities, District, State and Central Government of India that may affect the work, its performance or personnel employed therein.
6	We have not been banned / de-listed / black listed / debarred from business on the grounds mentioned in para 6 of Guidelines on Banning of Business dealings (Annex-A) to Integrity Pact and ITB Sub-Clause 2.2 (i) of Tender Document.
7 8	We are financially solvent.  We hereby authorize the Employer to seek reference from our bankers for its financial position and undertake to abide by all labour welfare legislations, and.
The abo	ove statement submitted by us is true and correct to our best knowledge.
	For and on behalf of the Tenderer
Date	ed: (Signature of Applicant)

### FORM - 3

# FORM OF DECLARATION OF INELIGIBILITY UNDERTAKING

I/ We, M/s(Name of the Bidder) hereby certify that						
I/we have not been declared ineligible in accordance with para-6 of Guidelines on						
banning of Business dealing (Annex-A) to Integrity Pact, ITB Sub- Clause 2. Any change						
in above status, during evaluation of the Bid will be intimated to the TIA.						
(Seal & Signature of the						
Applicant)						

### <u>FORM-4</u>

# **UNDERTAKING BY BIDDER TOWARDS ANTI-PROFITEERING CLAUSE OF GST ACT / RULES (To be submitted on letter head)**

To,
M/s NHPC Ltd.

M/S MIII C Ltu.	
Sub.: Tender no.	_
Dear Sir,	
We, M/s submitted bid dt.	for the aforesaid tender. (Name of Bidder) have
	ST Act stipulates that it is mandatory to pass on the benefit of ly of Goods or Services or availability of Input Tax Credit, by in prices.
C 2 *	we have duly considered the impact of Input Tax Credit available in our quoted prices. Further, any additional benefit of ITC if ed on to the Employer.
	at our quoted prices are duly considering maximum possible pliance with the aforesaid Section 171 of CGST Act/ IGST Act.
•	ant of GST is received from the Government in future by the GST Refund/ Exemption or Subsidy Scheme, the same shall also
	nd faulty in any manner, we shall fully responsible for the naking good of any losses of interest etc. to NHPC Ltd.
Place: Date:	[Signature of Authorized Signatory of Bidder] Name:
	Designation:

Seal:

### FORM -5-Deleted

# **QUALIFICATION INFORMATION**

### **FORM- 6**

### **GENERAL INFORMATION**

Bidders are requested to complete the information

1.	Name of firm:					
2.	Head office address:					
		Country	<b>:</b> :			
3.	Telephone:	Contact	Person(s)			
	Email:	Name:				
		Title/Position:				
		Contact	No./ Telepho	one No.:		
4.	Place of incorporation / registration Date					
5.	Legal status of firm	Field of specialty in business				
6.	Whether Start-up					
	(Tick in the appropriate box)	Startup				
7.	Number of present permanent	Detail	Civil	Other	Non	
	employees:		Engineers	Engineers	Engineering	
		Nos.				
8.	Quality assurance system in head office	Certified by:				
9.	Agent or representative in INDIA Name	(if exists	5)			
	Address					
	Telephone	Fax & E	Email			

Date Signature

### <u>FORM - 7</u> FINANCIAL DATA

Name of Bidder:			

### 1. Annual Turnover

The information supplied should be the annual turnover of the Bidder, in terms of the amounts billed to clients for each year in the last three (3) years. Unless specifically asked for, bidders need not to enclose testimonials, certificates, and publicity material with their bid; they will not be taken into account in the evaluation of qualifications.

Fiscal Year	Turnover (unit )
1. 2022-23	
2. 2021-22	
3. 2020-21	

Fiscal year begins on	in each calendar year.		
Date	Signature:		

Note: Attach detailed data sheet wherever required.

### FORM - 8

### CONSTRUCTION EXPERIENCE RECORD

	Name of Bidder:	
c		

Specific experience to be given in this format as per the requirement of 3.2.1 of ITB

Work performed on construction works of a similar nature and volume over the last 5 (five) years.

### Table-1

No.	Name	Name &	Description	Role of	Value	Date of	Date	Date of	Rem
	of	Address of	of Work &	Contractor	of	Award	of	completio	arks
	Project	Employer/	Contract	(Sole/Part	Work		Start	n of work	
		Client/proj	no.	ner in JV			of		
		ect		or			work		
		developer		consortiu					
				m / Sub-					
				contractor					
1									
2									
3									
4									

The Specific Experience above should include the the similar works as per the requirement of para 3.2.1 of ITB and Similar work means

"Construction of Buildings"

OR

"Repair & Maintenance (Civil related works) of Buildings"

OR

"Renovation/ Construction of Toilets".

### Note:

- 1. Bidders are requested to provide information as above in their own sheet in the Format provided.
- 2. Copies of Work experience certificates from appropriate authority of Employer/project developer with regard to above to be submitted by bidder.

Date Signature

# FORM – 9 DETAILS OF COMPLETED AND CURRENT CONTRACTS OF SIMILAR NATURE

Use a separate sheet for each contract.
List all relevant works completed in past, for which the Bidder wishes to qualify.
Name of Company (Sole Bidder)

1.	Name of project				
	Country	State/Province			
2.	Name of Employer	Telephone			
	Contact Person	Fax			
	Address	Email			
3.	Name of contract				
4.	Nature of works (Civil Works) and speed etc.) relevant to the contract for which the	ecial features (site conditions, remoteness, ne Bidder wishes to qualify:			
5.	Contract role (check one)  ( ) Prime contractor ( ) Subcontractor	( ) Lead Partner in a joint venture/consortium ( ) Partner in a joint venture/Consortium			
6.	Value of contract Currency:	of which, Applicant's share was: %			
7.	Time period as per Contract Documen (years and months)	Date of award: Date of actual completion:			
8.	Works done (Bidders to add or delete its	ems to demonstrate qualification):			
A)	Civil Works				

Date Signature

Note: Please attach detailed data sheet wherever required.

### FORM - 10

Deleted

# FORM -11 QUALITY ASSURANCE AND PROPOSED SITE ORGANISATION

Naı	me of Bidder:	
	lder should provide the information on his quality assurance system, anisation proposed by him.	and site
<b>A.</b>	Description on Bidder's Quality Assurance System	
В.	Site Organisation Chart *	
C.	Narrative Description of Site Organisation Chart	
D.	Description of Relationship between Head Office and Site Mana	igement
Dat	te Signature	
	<b>Note:</b> The details of foreign nationals (number and designation) ployed at site should also be specified.	to be

### Annexure-A

### **Guidelines on Banning Business Dealings**

#### 1.0 Introduction

- 1.1 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 suspension/ 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 shall be with prospective effect, i.e. future business dealings.

### 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 <u>Corporate Office</u> / 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 **Appendix–I**

### 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 fulfil 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:
  - a) 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.
  - b) 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".
  - c) To examine the reply to show-cause notice and call the Agency for personal hearing, if required.
  - d) 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 Appendix-II 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.

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.

### 7.5 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 **Appendix–III.** 

### 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 Appendix-IV 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.

**D** 4

### (Format for Intimation of Suspension of business dealing)

### BY REGD. POST/SPEED POST/COURIER

No	Date
То	
M/s	
Attn.: Shri	
Sub: Intimation of Suspension of Business Dealings	
Dear Sir,	
Whereas the work of was awarded to your firm vide lettdt amounting to Rs OR In response to NHPC N physical tender ) nodt. you have submitted your b whichever is not applicable )	IT ( e-tender )

### 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:

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

- Further business dealings with your firm is Suspended within (i) 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 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
- In case of ongoing contracts between you & NHPC, (including cases were (v) 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:

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 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

### (Format of Show Cause Notice)

### BY REGD. POST/SPEED POST/COURIER

No Date	e
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 why Business Dealing with your firm should not be banned / your firm it the Banning List (as the case may be) and be debarred from entering contracts with NHPC for the following reasons:	s placed in
(Give Reasons)	
Your reply (if any) should be supported by documents and documentar which you wish to rely in support of your reply. In case you desire to prease in person to NHPC, a personal hearing shall be conducted on	resent you a Should you said, it wil
Your reply, if any, and the documents / documentary evidence given in sube taken into consideration prior to arriving at a decision.	ıpport shal
Yours	s faithfully

For & On behalf of NHPC.

### (Format for Intimation of Banning of Business Dealing)

### BY REGD. POST/SPEED POST/COURIER

No Dat	e
То	
M/s	
Attn.: Shri	
Sub: Intimation of Suspension of Business Dealings	
Dear Sir,	
Whereas the work of	e-tender / whichever gations as as in spite use notice d, if any)dt (if ur reply to ereof and to Ban the
with NHPC. (In order to make the Intimation of Banning of Business Dealing Speak (reasoned order), the issue of a Show Cause Notice and consider representation in reply to show cause notice, opportunity of personal hearishall be communicated to the Agency concerned along with a reasoned order for Banning should also contain the reasons with detailed justification of decision to Ban the Agency. Also the fact that if no reply to Cause Notice was received or request for personal hearing was not minvariably be indicated in the communication to the Agency. The above of mention the grounds considering violation of any provision of Integrity ground mentioned in Guidelines of Banning of Business Dealings, defaagency under fraudulent practice / or any unethical practice and/or violation provision of Tender/Contract Condition having serious implications.)	eration of ng, if any, order. The cation for the Show ade shall order shall Pact, any ult by the

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 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 the 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

### (Format for communication of Appellate Decision on Suspension/Banning Order)

### BY REGD. POST/SPEED POST/COURIER

No
Date
Γο
M/s
Attn.: Shri
Sub: Suspension Banning of Business Dealings - Intimation of decision of Appellate Authority
<b>Ref:</b> 1. Order dated Placing M/s on Suspension/Banning List 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.

#### FORM-13

[To be uploaded online (scanned copy)]

Name of work: Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.

# Declaration regarding Class-I local supplier under Public Procurement (Preference to Make in India) order:

Item Description	Country of Origin	% of Local Content			
Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.	India	More than 50%			

Signature and Seal of bidder

(Authorized signatory)

### DECLARATION REGARDING APPLICABILITY OF START UPS UNDER START UP INDIA INITIATIVE

#### Subject: Declaration as regard to applicability of Startup India Initiatives

Startup India Initiative has been introduced by the Government of India and notified their definition in the Gazette notification-G.S.R. 501(E) dt. 23.05.2017 or as amended from time to time. Following are the relevant provisions of the notification as regard to consider any entity as startup:-

- a) If it is incorporated as a private limited company (as defined in the Companies Act, 2013) or registered as a partnership firm (registered under section 59 of the Partnership Act, 1932) or a limited liability partnership (under the Limited Liability Partnership Act, 2008) in India; and
- b) up to seven years from the date of its incorporation/ registration; however, in the case of Startups in the biotechnology sector, the period shall be up to ten years from the date of its incorporation/ registration; and
- c) if its turnover for any of the financial years since incorporation/ registration has not exceeded Rupees 25 crores; and
- d) if it is working towards innovation, development or improvement of products or processes or services, or if it is a scalable business model with a high potential of employment generation or wealth creation.

Provided that any such entity formed by splitting up or reconstruction of a business already in existence shall not be considered a "startup";

Provided further that in order to obtain tax benefit a startup should:

- i. be a private limited company (as defined in the Companies Act, 2013) or a limited liability partnership (as defined under the Limited Liability Partnership Act, 2008) which is incorporated on or after the 1st day of April, 2016 but before the 1st day of April, 2019, and
- ii. be working towards innovation, development or improvement of products or processes or services, or should be a scalable business model with a high potential of employment generation or wealth creation, and
- iii. obtain a certificate of an eligible business from the Inter-Ministerial Board of Certification as constituted by Department of Industrial Policy and Promotion from time to time.

As such, it is requested to provide the confirmation as regard to applicability of Startup India Initiative to your firm by submitting the declaration/undertaking.

### **Declaration/Undertaking**

A)	<ul> <li>I/ We confirm that the provisions of Startup India Initiatives are:</li> <li>[ ] Applicable to us and our organization falls under the definition of Startups.</li> <li>[ ] Not Applicable to us and our organization does not fall under the definition of Startups.</li> <li>Please (tick) the appropriate box [ ] and attach documents / certificates, if any.</li> </ul>
	We also undertake to inform the change in this status as aforesaid during the currency of the contract any.
	(Authorized Representative of Firm)

### (Format for declaration by the Bidder)

### "Self-Declaration by the Bidder"

	We, M/s	 solve	ncy un	der the Inso	lvency an	d Ba	ınkrupt	\			,	certify that from time
-	_		•	admitted,	•	us	and/	or	our	-	Holding	
										(Seal & S	Signature	of Bidder)
		Not	e: This	'Declaratio	n' should	be o	n the l	etter	-head	l of Bidde	er.	

### **SECTION-IV**

### GENERAL CONDITIONS OF CONTRACT (GCC), SPECIAL CONDITION OF CONNTRACT AND SCHEDULES

# $\frac{\textbf{GENERAL CONDITIONS OF CONTRACT}}{\underline{\textbf{CONTENT}}}$

CLAUSE	DESCRIPTION
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29.0	LABOUR
30.0	REMOVAL OF CONTRACTOR'S MEN
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# SECTION -IV GENERAL CONDITIONS OF CONTRACT

#### **CLAUSE-1: DEFINITIONS:**

In the contract, the following expression shall, unless the context otherwise requires, have the meanings thereby respectively assigned to them:

- (i) Contract: means the document forming the tender, acceptance thereof and the formal agreement executed between the NHPC Limited and the Contractor, together with documents referred to therein.
- (ii) **Contract Price:** means the amount arrived at by multiplying the quantities shown in the Bill of Quantities by the respective item rates as included in the Letter of Acceptance.
- (iii) **Contractor:** means the successful tenderer who is awarded contract to perform the work covered under these tender documents and shall be deemed to include the contractor's successors, executors, representatives or assigns.
- (iv) **Corporation or Employer:** means the NHPC Limited having its registered office at Sector 33, Faridabad (Haryana), Pin-121003 and includes therein legal representatives, successors and assigns.
- (v) **Tender Drawings:** means the drawings referred to in the Specifications and/or appended with the tender document.
- (vi) **Construction Drawing:** means such drawings approved in writing by the Engineer-in-Charge/ Employer and issued for actual construction of the Works from time to time by the Engineer-in-Charge.
- (vii) **Drawing:** means and shall include Tender drawing and Construction Drawing.
- (viii) **Engineer-in-Charge/Engineer:** means the Engineering Officer nominated by the Employer or its duly authorised representative to direct, supervise and be in charge of the works for the purpose of this contract.
- (ix) Letter of Award or Acceptance: means a letter from the Employer conveying the acceptance of the tender/offer subject to such reservations as may have been stated therein.
- (x) **Specifications:** means the Technical Specifications of the Works included in the Contract and any modification thereof or addition thereto made under Clause 18 or submitted by the Contractor and approved by the Engineer.
- (xi) **Sub-contractor:** means any person named in the Contract as a Subcontractor for a part of the Works or any person to whom a part of the Works has been subcontracted with the consent of the Employer and the legal successors in title to such person, but not any assignee of any such person.
- (xii) Cost: means all expenditure properly incurred, whether on or off the Site, including overhead and other charges properly allocable thereto but does not include any allowance for profit.
- (xiii) Bill of Quantities (BOQ) or Schedule of Quantities & Prices: means the priced and completed Schedule of Quantities & Prices or bill of Quantities forming part of the Contract.
- (xiv) **Time for Completion:** means the time for completing the execution of and passing the Tests on Completion of the Works as stated in the Contract (or as extended under Clause 39) calculated from the date of Letter of Acceptance.
- (xv) **Works:** means the works to be executed (including Plant) and remedying of defect therein in accordance with the Contract.
- (xvi) Contractor's Equipment or Construction Equipment or Equipments: means all appliances and things of whatsoever nature (other than Temporary Works) required for the execution and completion of the Works, but does not include Plant, materials or other things intended to form or forming part of the Works.
- (xvii) **Site:** means the land and/or other places, on or through which the Works are to be executed including any other lands or places which may be allotted for the purpose of the Contract.

- (xviii) **Plant:** means machinery, apparatus and like intended to form or forming part of Works.
- (xix) Base Date: means the Date 28 days prior to the latest date of submission of the Tender.
- (xx) **Party:** means the Employer or the Contractor as the context requires.

#### **CLAUSE-2: INTERPRETATIONS:**

- 2.1 Words imparting the singular only shall also include the plural; he includes she and vice versa unless this is repugnant to the context. Unless specifically defined, words shall have normal meaning under the language of Contract.
- 2.2 Heading and marginal notes in these General Conditions shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof of the Contract.
- 2.3 Any error in description, quantity or price in Bill of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from execution of the whole or any part of the Works comprised therein according to drawings and Specifications or from any of his obligations under the Contract.
- 2.4 Detailed drawings shall be followed in preference to small scale drawings (sketch drawings) and figured dimensions in preference to scaled dimensions. In the case of discrepancy between the Letter of acceptance issued by Employer, Special Conditions of Contract, Technical Specifications, General Conditions of Contract, the Tender Drawings and/or Bill of Quantities and other documents of Contract the following order of precedence shall prevail:
  - a) Agreement;
  - b) Letter of Acceptance;
  - c) Special Condition of Contract
  - d) General Conditions of Contract;
  - e) Bill of Quantities;
  - f) Technical Specifications;
  - g) Contractor's Bid;
  - h) Tender Drawings;
  - i) Safety Manual.
  - j) Any other document forming part of the Contract

#### **CLAUSE-3: SECURITY DEPOSIT FOR PERFORMANCE:**

- 3.1 The Security Deposit shall comprise of following
  - i) Performance Security Deposit to be furnished by the Contractor at the time of Award of Work.
  - (ii) Retention Money to be recovered from Running Account bills of the Contractor.
- 3.2 The Contractor within 28 (Twenty Eight) days from the date of issue of Letter of Acceptance, shall furnish a Performance security deposit of 2% (two percent) of the Contract Price along with additional Security Deposit for front loaded bid for due performance of contract, in any one of the following forms:
  - (a) Demand draft on any Nationalised/scheduled Bank of India in the name of Employer; or
  - (b) Bank Guarantee from an Indian Nationalised/Scheduled Bank of India acceptable to Employer in the prescribed proforma.-The said PBG shall be issued in paper form as well as issued under Structured Financial Messaging System (SFMS).

The details of the Beneficiary's Bank for issue of BG in paper form as well as under SMFS platform is as under:

Name of the beneficiary: NHPC Ltd.

Account No.: 10813608692 IFSC Code: SBIN0017313

Address of the Bank: State Bank of India,

5th Floor, Redfort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi-

110001

If the contractor 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 contractor.

In case, the contractor does not submit performance security without a valid reason, the Employer 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 Contractor 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 Contractor 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.

If contractor 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 issue of Letter of Award (LOA), then following actions shall be taken against such Contractor:

- i) The bidder shall be debarred / banned to participate in the business dealings with NHPC for a period of one year.
- ii) The name of the Contractor shall be hosted on the NHPC website etc. as per existing norms of NHPC / Govt. of India.
- iii) Such defaulted contractor shall not be eligible to participate in the bidding process of re-tender of this work.
- 3.3 Retention money shall be deducted by the Engineer-in-Charge from the interim bills of the Contractor @ 3% (three percent) of the total value of each bill of the work done (including those of price variation) towards Security Deposit.

- 3.4 If the Contractor expressly requests in writing, he will be permitted to convert the amount of Retention Money deducted from his interim bills into Bank Guarantee as per prescribed proforma.
- 3.5 All compensation or other sums of money payable by the Contractor to the Employer under the terms of this Contract or any other contract or on any other account whatsoever, may be deducted from Security Deposit. Also in the event of the contractor's Security Deposit being reduced by reasons of such deductions, as aforesaid, the Contractor shall, within 14 days of receipt of notice of demand from the Engineer-in-Charge, make good the deficit in Security Deposit.
- 3.6 Should there arise any occasion under the Contract due to which the periods of validities of Bank Guarantees as may have been furnished by the Contractor from time to time, are required to be extended/renewed, the Contractor shall get the validity periods of such guarantees extended/renewed, and furnish these to the Engineer-in- Charge one month before the expiry date of the aforesaid Guarantees originally furnished failing which the existing Bank Guarantees shall be invoked by the Engineer in charge. Also in case of any deficit in securities on any account as might occur or is noticed, the Contractor shall forthwith recoup/replace the same with acceptable Security Deposit.
- 3.7 Bank Guarantees as aforesaid shall be valid till 90 days beyond the Defects Liability Period under the Contract (Clause 56). In case the bid of the successful Contractor is front loaded (i.e. the items which are to be executed in earlier part of construction period, are quoted high or low rated to be executed in the later part of contract period) in relation to the Employer's estimated rates for such items, the Employer may require the Contractor to submit additional performance security in the form as stated above, to a level sufficient to protect against financial loss in the event of default of the successful Contractor under the Contract. The amount of the increased performance security shall be decided at the sole discretion of the Employer, which shall be final, binding and conclusive on the Contractor. The Bank Guarantee for the additional performance security shall be valid up to Time for Completion of the work under the scope of the contract.
  - PBG shall not be released till LD, if any is pending for recovery.
- 3.8 Deleted.

#### **CLAUSE-4: REFUND OF SECURITY DEPOSIT:**

The Security Deposit less any amount due shall, on demand, be returned to the contractor after 30 days of expiry of Defects Liability Period for Security Deposit as per GCC 3.1. However the Security Deposit shall not be released till Liquidated Damages, if any, is pending for recovery. Additional Security Deposit for front loading shall be refunded within 30 days of completion of works. No interest on the amount of Security Deposit (including for the additional security for the front loaded bid) shall be paid to the Contractor at the time of release of Security Deposit.

#### **CLAUSE-5: SUFFICIENCY OF TENDER:**

- 5.1 The Contractor shall be deemed to have satisfied himself as to the correctness and sufficiency of the Tender and of the rates and prices stated in the Schedule of Quantities and Prices all of which shall, except insofar as it is otherwise provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper execution and completion of the Works and the remedying of any defects therein.
- 5.2 If, however, during the execution of the Works the Contractor encounters on ground physical obstructions or physical conditions, other than climatic conditions on the Site, which obstructions or conditions were, in his opinion, not foreseeable by an experienced Contractor, the Contractor shall forthwith give notice thereof to the Engineer-in-Charge. Physical obstruction or conditions shall mean physical ground conditions existing at site and does not include man made conditions as

well as climate conditions. On receipt of such notice, the Engineer-in-Charge shall, if in his opinion such obstructions or conditions could not have been reasonably foreseen by an experienced contractor shall determine any extension of time to which the Contractor is entitled to under Clause 39.2. Such determination shall take account of any instruction which the Engineer-in-Charge may issue to the Contractor in connection therewith, and any proper and reasonable measures acceptable to the Engineer-in-Charge which the Contractor may take in the absence of specific instructions from the Engineer-in-Charge.

#### **CLAUSE-6: CONTRACT DOCUMENTS:**

- 6.1 One copy of Contract shall be kept by the contractor on the Site in good order and the same shall at all reasonable time be available for inspection and use by the Engineer-in-Charge, his representatives or by other Inspecting Officers.
- None of these Documents shall be used by the Contractor for any purpose other than that of this contract.

#### **CLAUSE 7: BREAKDOWN OF LUMP SUM ITEMS**

For the purposes of statements submitted in accordance with Sub-Clause 45, the Contractor shall submit to the Engineer-in-Charge, a breakdown for each of the lump sum items contained in the Tender. Such breakdowns shall be subject to the approval of the Engineer-in-Charge

#### **CLAUSE 8: DUTIES AND POWERS OF ENGINEER-IN-CHARGE'S REPRESENTATIVE:**

- 8.1 The duties of the representative of the Engineer-in-Charge are to watch and supervise the works and to test and examine any materials to be used or workmanship employed in connection with the works.
- 8.2 The Engineer-in-Charge may, from time to time in writing, delegate to his representative any of the powers and authorities, vested in the Engineer-in-Charge and shall furnish to the Contractor a copy of all such written delegation of powers and authorities. Any written instruction or written approval given by the representative of the Engineer-in-Charge to the contractor within the terms of such delegation shall bind the Contractor and the Employer as though it has been given by the Engineer-in-Charge.
- 8.3 Failure of the representative of the Engineer-in-Charge to disapprove any work or materials shall be without prejudice to the power of the Engineer-in-Charge thereafter to disapprove such work or materials and to order the pulling down, removal or breaking up thereof. The Contractor shall, at his own expense, again carry out such works as directed by the Engineer-in-Charge.
- 8.4 If the Contractor is dissatisfied with any decision of the representative of the Engineer-in-Charge, he will be entitled to refer the matter to the Engineer-in-Charge who shall thereupon confirm, reverse or vary such decision and the decision of the Engineer-in-Charge in this regard shall be final and binding on the contractor.

#### 8.5 Engineer shall act in accordance with the Contract

Any consultation that the Engineer holds with the Employer in pursuant to the Contract shall be entirely an internal matter between the Engineer and the Employer. The recommendations and determinations by the Engineer are subject to review and finalization by the employer. The same

shall not be subject to matter of reference either by the Contractor or any arbitral tribunal. The Employer shall nominate one of its employees as Engineer. The Engineer shall obtain the specific approval of the Employer before taking action under the following Sub-Clauses of GCC and these Conditions:

- (a) consenting to the subletting of any part of the Works; under Clause 9;
- (b) determining an extension of Time for Completion under Clause 39;
- (c) evaluation of deviations under Clause 18;
- (d) Deleted;
- (e) payment pursuant to subsequent legislation under Clause 47.2 of GCC;
- (f) notwithstanding the obligation, as set out above, to obtain approval, if, in the opinion of the Engineer, an emergency occurs affecting the safety of life or of the Works or of adjoining property, he may, without relieving the Contractor of any of his duties and responsibility under the Contract, instruct the Contractor to execute all such work or to do all such things as may, in the opinion of the Engineer, be necessary to abate or reduce the risk. The Contractor shall forthwith comply, despite the absence of approval of the Employer, with any such instruction of the Engineer.

#### **CLAUSE 9: ASSIGNMENT AND SUB-LETTING:**

The Contractor shall not sublet whole of the work further, the Contractor shall not sub-let/sub-contract, transfer or assign the any part of the work under the Contract. Provided that the Engineer-in-Charge may, at his discretion, approve and authorise the Contractor to sub-let any part of the Work, which, in his opinion, is not substantial, after the Contractor submits to him in writing (at least 21 days before the contractor intends to sublet part of the work) the details of the part of the work(s) or trade proposed to be sublet, the name of the sub-contractor thereof together with his past experience in the said work/trade and the form of the proposed sub-contract. Nevertheless any such approval or authorisation by the Engineer-in-Charge shall not relieve the Contractor from his any or all liabilities, obligations, duties and responsibilities under the Contract. The Contractor shall also be fully responsible to the Employer for all the acts and omissions of the sub-contractor, his employees and agents or persons directly employed by the Contractor. However, the employment of piece-rate workers and purchase of material shall not be construed as sub-letting. Request for sub-contracting shall contain.

- a) Contractor's certification regarding the financial soundness of the proposed Subcontractor for the work;
- b) its scope and estimated value in relation to the Contract Price;
- c) experience of the Sub-contractor, in the related areas of work;
- d) the manpower, equipment, material and other resources available with the Sub-contractor for the work;
- e) domicile of the Sub-contractor and particulars of its other existing operations or contracts if any, in India.

#### **CLAUSE-10: FACILITIES TO OTHER CONTRACTORS:**

10.1 The Contractor shall, in accordance with the requirements of the work as decided by the Engineer-in-Charge, afford all reasonable facilities to other contractors engaged contemporaneously on separate contracts and for departmental labour and labour of any other properly authorised authority or statutory body which may be employed at the site for execution of any work not included in the Contract or of any contract which the Employer may enter into in connection with or ancillary to the works. In all matters of conflict of interest, the Engineer-in-Charge shall direct what compromise should be made and his decision shall be final and binding on the parties.

- 10.2 If, however, pursuant to Sub-Clause 10.1 the Contractor shall, on the written request of the Engineer-in-Charge:
  - (a) make available to any such other contractor, or to the Employer or any such authority, any roads or ways the maintenance of which is the responsibility of the Contractor,
  - (b) permit the use, by any such, of temporary facilities or Contractor's Equipment on the Site, or
  - (c) provide any other service of whatsoever nature for any such,

the Engineer-in-Charge shall determine the payment admissible to the Contractor at the cost of other contractors or Employer as the case may be.

#### **CLAUSE-11: CHANGES IN CONSTITUTION:**

Where the Contractor is a partnership firm, prior approval in writing of the Engineer-in-Charge shall be obtained before any change is made in the constitution of the firm. Where the Contractor is an individual or a Hindu undivided family business concern, such approval, as aforesaid, shall likewise be obtained before the Contractor enters into any partnership firm which would have the right to carry out the work undertaken by the Contractor. If prior approval as aforesaid is not obtained, the Contract shall be deemed to have been assigned in contravention of Clause 38 hereof and the same action will be taken and the same consequences shall ensure as provided for in the said Clause 38.

#### **CLAUSE-12: POSSESSION AND USE OF SITE:**

- 12. 1 Save insofar as the Contract may prescribe:
  - (a) the extent of portions of the Site of which the Contractor is to be given possession from time to time,
  - (b) the order in which such portions shall be made available to the Contractor, and, subject to any requirement in the Contract as to the order in which the Works shall be executed, the Engineer in charge will give to the Contractor possession of so much of the Site, and such access as in accordance with the Contract, is to be provided by the Engineer as may be required to enable the Contractor to commence and proceed with the execution of the Works in accordance with the programme referred to in Clause 14, if any, and otherwise in accordance with such reasonable proposals of the Contractor. The Engineer will, from time to time as the Works proceed, give to the Contractor possession of such further portions of the Site as may be required to enable the Contractor to proceed with the execution of the Works in accordance with such programme or proposals, as the case may be.
- 12.2 If the Contractor suffers delay from failure on the part of the Engineer in charge to give possession in accordance with the terms of Sub-Clause 12.1, the Engineer-in-Charge shall, determine any extension of time to which the Contractor is entitled under Clause 39. The contractor shall be responsible to arrange the land for Contractor's infrastructure works namely field office(s), colony, workshop(s), stores, magazines for explosives in isolated locations, assembly-yard, and access thereto over routes as may be required for execution of the Works at his own cost and Engineer in charge shall not be responsible for making available the same.

- 12.3 The Contractor shall provide at his own cost all temporary pathways/roads required at site or to quarries or borrow areas and shall alter, adopt and maintain the same as required from time to time and shall bear all expenses and charges for special or temporary way leaves required by him in connection with access to the site and shall take up and clear them away and make good all damages done to the site as and when no longer required and as and when ordered by the Engineer-in-Charge. The Contractor shall also obtain at his risk and cost, any additional facilities outside the site which he may require for the purpose of the Works.
- 12.4 The Contractor shall not interfere unnecessarily or improperly with:
  - a) the convenience of the public, or .
  - b) the access to and use and occupation of all roads and footpaths, irrespective of whether they are public or in the possession of the Engineer in charge or of others.

The Contractor shall indemnify and hold the Employer harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from any such unnecessary or improper interference.

- 12.5 The Contractor shall be deemed to have been satisfied as to the suitability and availability of access routes to the Site. The Contractor shall use reasonable efforts to prevent any road or bridge from being damaged by the Contractor's traffic or by the Contractor's Personnel. These efforts shall include the proper use of appropriate vehicles and routes.
- 12.6 To transport the goods, unless otherwise stated:
  - a) the Contractor shall give the Engineer not less than 21 days notice of the date on which any Plant or a major item of other Goods will be delivered to the Site,
  - b) the Contractor shall be responsible for packing, loading, transporting, receiving unloading, storing and protecting all Goods and other things required for the Works, and
  - c) the Contractor shall indemnify and hold the Employer harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from the transport of Goods, and shall negotiate and pay all claims arising from their transport.

If it is found necessary for the Contractor to move one or more loads of Goods over roads, highways, bridges on which such oversized and overweight items are not normally allowed to be moved, the Contractor shall obtain prior permission from the concerned authorities. Payments for complying with the requirements, if any, for protection of or strengthening of the roads, highways or bridges shall be made by the Contractor and such expenses shall be deemed to be included in the Contract Price.

Further, the Contractor shall comply with Carriage by Road Act 2007 & Carriage by Road Rules 2011 notified on 28.02.2011. The Contractor shall use only registered common carriers for transport of goods.

#### **CLAUSE-13: DELETED**

#### **CLAUSE-14: COMMENCEMENT OF WORK:**

14.1 The Contractor shall commence the Work(s) immediately after the issue of Letter of Acceptance and shall proceed with the same with the expedition and without delay as may be expressly sanctioned or ordered by the Engineer-in- charge. If the Contractor commits default in the commencement of work within 30 days of issue of Letter of Acceptance, the Engineer-in-Charge shall without prejudice

to any other right or remedy be at liberty to cancel the Contract and invoke the earnest money/ forfeit the Performance Guarantee.

- 14.2 Deleted
- 14.3 The Contractor shall submit construction Programme as per provisions in SCC..
- During the execution of Works, if it appears to the Engineer in-charge, that actual progress of works does not conform to the programme consented by him Engineer- in charge under sub-clause 14.3 above, the Contractor shall produce a revised programme dealing modifications to such programme necessary for ensuring completion of works within Time for Completion.
- 14.5 The Contractor shall provide a detailed month-wise cash flow estimate at the beginning of each financial year duly revised at quarterly intervals if required so by the Engineer- in charge.
- 14.6 The submission to and consent by the Engineer-in-charge of such programmes or the provision of such general descriptions or cash flow estimates shall not relieve the Contractor of any of his duties or responsibilities under the Contract.

### CLAUSE-15: WORKS TO BE CARRIED OUT IN ACCORDANCE WITH SPECIFICATIONS, DRAWINGS AND ORDERS, ETC:

- 15.1 The Contractor shall execute the Works in the most substantial and workmanlike manner and both as regards material and otherwise in every respect in strict conformity with the Specification. The Contractor shall also conform exactly, fully and faithfully to the designs, drawings, Specifications and instructions in writing in respect of the work, duly signed by the Engineer-in-Charge issued from time to time. The Contractor shall take full responsibility for the adequacy of all the site operations and methods of construction.
  - The Contractor shall give prompt notice to the Engineer-in-Charge, with a copy to the Employer, of any error, omission, fault or other defect in the design of or Specifications for the Works which he discovers when reviewing the Contract or executing the Works.
- 15.2 Deleted
- 15.3 The Contractor shall give notice to the Engineer-in-Charge, (at least 7 days in advance) whenever planning or execution of the Works is likely to be delayed or disrupted unless any further instruction is issued by the Engineer-in-Charge within a reasonable time. The notice shall include details of the instruction required and of why and by when it is required and of any delay or disruption likely to be suffered if it is late.
- 15.4 If, by reason of any failure or inability of the Engineer-in-Charge to issue, within a time reasonable in all the circumstances, any instruction for which notice has been given by the Contractor in accordance with Sub-Clause 15.3, the Contractor suffers delay then the Engineer-in-Charge shall, after approval of the Employer determine any (i) extension of time to which the Contractor is entitled under Clause 39 and shall notify the Contractor accordingly, with approval of the Employer.

#### **CLAUSE-16: SETTING OUT THE WORKS:**

- 16.1 The Engineer-in-Charge shall establish/indicate the Bench Marks and convey the same in writing to Contractor immediately after Letter of Acceptance. Engineer in-charge shall be responsible for correctness of such data / bench marks conveyed to the Contractor.
- 16.2 The Contractor shall be responsible for the true and proper setting out of all the work (in relation to the afore-mentioned Bench Marks) for the correctness of the location, grades, dimensions and alignment of all components of the work; and for the provisions of all instruments, appliances, materials and labour required in connection therewith. If at any time during the progress of Works, any error shall appear or arise in the location, grades, dimensions, or alignment of any part of the Works, the Contractor on being required to do so by the Engineer-in-Charge shall, subject to Clause 16.1 hereof, at his own expense, rectify such error to the satisfaction of the Engineer-in-Charge.
- 16.3 The Contractor shall afford all reasonable facilities and assistance to the Engineer-in-Charge for checking the setting out and lines and grades established by the Contractor. The checking of any setting out or of any line and grade by the Engineer-in-Charge shall not in any way relieve the contractor of his responsibility for the correctness thereof.

#### **CLAUSE-17: URGENT WORKS:**

Urgent works means any urgent measures, which in the opinion of the Engineer-in-Charge, become necessary at the time of execution and/or during the progress of work to obviate any risk of accident or failure or to obviate any risk of damage to the structure, or required to accelerate the progress of work or which become necessary for security or for any other reason the Engineer-in-Charge may deem expedient.

If any urgent work (in respect whereof the decision of the Engineer-in-Charge shall be final and binding) becomes necessary, the Contractor shall execute the same as may be directed.

#### **CLAUSE-18: DEVIATIONS:**

- 18.1 The Engineer-in-Charge shall have powers to make any deviations in the original specifications or drawings or designs of the works or any part thereof that are, in his opinion, necessary at the time of or during the course of execution of the Works. For the aforesaid purpose or for any other reason, if it shall, in the opinion of the Engineer-in-Charge, be desirable, he shall also have the powers to make Deviations, such as (i) Variations in BOQ quantities (ii) Extra and (iii) Alterations or Substitutions of any kind. No such Deviations in the Specifications or Bill of Quantities, as aforesaid, shall in any way vitiate or invalidate the Contract and any such Deviations which the Contractor may be directed to do shall form integral part of the Contract as if originally provided therein and the Contractor shall carry out the same on the same terms & conditions in all respects on which he agreed to do the works under the contract subject to clause 18.2 ibid.
- 18.2 The rates for such items of work as are required to be executed due to Deviations, as stated in sub-clause 18.1 above shall be payable in the manner as stated hereunder
- i). The rates already provided in the Schedule of Quantities and Prices, shall apply in respect of the same item(s) of work to be executed due to Variation in BOQ quantities,, subject to the condition that the Variation so ordered do not exceed (+) 25% (plus twenty five percent) in respect of quantities of individual items appearing in the Bill of Quantities. However, the quoted rates shall hold good for all minus Variations.
- ii). In case of items for which rates are not available in Bill of Quantities, the rates of such items as far as practicable, shall be derived from the quoted rates of analogous item(s) in the Bill of Quantities.

iii). In the cases, where analogous items are not available in the Bill of Quantities and, such items shall be termed as extra items and the rates for such items and also for quantities of individual items appearing in the Bill of Quantities exceeding the prescribed limits as mentioned in clause 18.2 (i) above, shall be derived on the basis of DSR 2018 plus/minus applicable premium at the time of award.. If the item is not available in DSR than the Contractor, within 15 days (or as agreed by the Engineer) of receipt of order to execute such items shall submit rate analysis to the Engineer-in-Charge supported by documentary evidence of basic rates adopted therein, notwithstanding the fact that the rates for such items exist in the Contract, having regard to the cost of materials (including transportation and GST, levies if paid), actual wages for labour and ownership & operational cost of Construction Equipment as per standard norms or if standard norms are not specified/available then on the basis of labour/materials/Equipment actually engaged for the particular work. The Engineerin-Charge shall within 16 weeks of receipt of the such claim supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates based on the norms as mentioned in this clause. The standard norms for Equipment and labour specified herein shall mean those specified in "prevalent CPWD Analysis of Rates.

Over and above the cost of labour, material arranged by the Contractor and ownership & operational cost of Equipment, an element of 15% (as specified in Schedule D) shall be allowed to cover the Contractor's overheads, profits, and supervision charges. However, for materials issued by the Employer to the Contractor and/or Construction Equipment supplied on rental charge(s) by Employer to the Contractor for execution of Works, the Contractor shall be entitled to Nil (as specified in Schedule D) of such costs to cover transportation, overheads, supervision, profit etc.

Provided further that no change in the rate or price for any item contained in the contract shall be considered unless value of executed quantity of such item accounts for an amount more than 2 % of the contract price, and the actual quantity of work executed under the item exceeds quantity set out in the bill of quantities by more than 25%.

The Engineer-in-Charge shall examine the rate analysis submitted by the Contractor and fix the rates accordingly whose decision shall be conclusive, final and binding on the Contractor."

- 18.3 If requested by the Contractor, the Time for Completion of the Works shall, in the event of any deviation resulting in additional cost over the Contract Price, be extended in the proportion which the Deviation bears to the Contract Price plus such further additional time as may be considered reasonable by the Engineer-in-Charge and shall notify the Contractor accordingly.
- 18.4 Under no circumstances, the Contractor shall suspend the work on account of non-settlement of rates of such Deviated items.
- 18.5 Provided that no deviations instructed to be done by the Engineer-in- charge pursuant to Clause 18.1 shall be valid under Clause 18.2 unless within 15 days of the date of such instruction before the commencement of execution of deviated items, notice shall have been given either;
  - a) by the Contractor to the Engineer-in- charge of an intention to claim extra payment or varied rate or price or
  - b) by Engineer-in- charge to the Contractor of his intention to vary a rate or price for the deviated items.

18.6 No change in the rate or price for the any amount of variation in quantities for "Fixed Rate Items" items shall be considered. These "Fixed Rate Items" items are those whose rates are indicated by Employer in the BOQ.

#### **CLAUSE-19: CONTRACTOR'S SUPERVISION:**

- 19.1 The Contractor shall appoint at his own expense adequate number of engineers with sufficient experience to supervise the Works.

  The contractor or his authorized representatives present at the Site shall superintend the execution of the Works with such additional assistance in each trade, as the work involved shall require and considered reasonable by the Engineer-in-Charge. Directions/instructions given by the Engineer-in-Charge to the Contractor's authorized representatives shall be considered to have the same force as if these had been given to the Contractor himself.
- 19.2 The Contractor shall communicate in writing to the Engineer-in-charge, the name of the accredited representative(s) who would be responsible for taking instructions from the Engineer-in-charge.

#### **CLAUSE-20: INSTRUCTIONS AND NOTICES:**

- 20.1 Except as otherwise provided in this Contract, all notices to be given on behalf of the Employer and all other actions to be taken on its behalf may be given or taken by the Engineer-in-Charge or any officer for the time being entrusted with the functions, duties and powers of the Engineer-in-Charge.
- All instructions, notices and communications etc. under the Contract shall be given in writing and any such oral orders/instructions given shall be confirmed in writing and no such communication which is not given or confirmed in writing shall be valid. Further, if the Engineer in Charge or his representative gives an oral instruction and receives a written confirmation of the instruction from (or on behalf of) the Contractor within 2 working days after giving the instruction and Engineer in Charge does not reply by issuing a written rejection and/or instruction within 7 working days after receiving the confirmation then the confirmation shall constitute the written instruction of the Engineer in Charge or authorized representative as the case may be.
- 20.3 Either Party may change a nominated address to another address by prior notice to the other Party.
- 20.4 The Engineer-in-Charge shall communicate or confirm the instructions to the Contractor in respect of the execution of work in a 'Work Site Order Book' maintained in the office of the Engineer-in-Charge or his representative and the Contractor or his authorised representative shall confirm receipt of such instructions by signing the relevant entries in this book. If required by the Contractor, he shall be furnished a certified true copy of such instruction(s).

#### **CLAUSE-21: CONSTRUCTION EQUIPMENT:**

- 21.1 The Contractor shall provide and install all necessary Construction Equipment required for the execution of the Works under the Contract, at his cost and shall use such methods and appliances for the purpose of all the operations connected with the Work covered by the Contract which shall ensure the completion of Work(s) within the specified Time for Completion.
- 21.2 Deleted
- 21.3 Subject to the availability of any of Employer's Equipment and at the written request of the Contractor, such, Equipment may be issued to the Contractor on hire for being deployed on the Work contracted for, at pre-determined rates, terms and conditions at the sole discretion of the Engineer-in-Charge.

#### **CLAUSE-22: PATENT RIGHTS:**

The Contractor shall indemnify the Employer, its representatives or its employees against any action, claim or proceedings relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties or other charges which may be payable in respect of any article or material or part thereof included in the Contract. In the event of any claim being made or

action being brought against the Employer or any agent, servant or employee of the Employer in respect of any such matters as aforesaid, the Contractor shall immediately be notified thereof. Provided that such indemnity shall not apply when such infringement has taken place in complying with the specific directions issued by the Employer, but the Contractor shall pay any royalties or other charges payable in respect of any such use, the amount so paid being reimbursed to the Contractor only if the use was the result of any drawings and/or specifications issued after submission of the tender.

#### **CLAUSE-23: MATERIALS:**

- 23.1 Subject to clause 31.2, the Contractor shall at his own expense provide/arrange all materials required for the bonafide use on Works under the Contract except those listed and specified in Schedule 'B'. The quantity of such materials as stipulated in the aforesaid schedule to be issued by the Employer will be that as may be actually required for the work and shall be subject to the terms and conditions as set forth in the sub-clause 23.4 ibid.
- 23.2 All materials to be provided by the Contractor shall be in conformity with the Specifications laid down in the Contract and the Contractor shall furnish from time to time proof and samples, at his cost, of the materials as may be specified by the Engineer-in-Charge for his approval before use in the Works. The Engineer-in-Charge shall also have powers to have such tests, in addition to those specified in the Contract, as may be required and the Contractor shall carry out the same. The cost of materials consumed in such tests and also expenses incurred thereon shall be borne by the Contractor in all cases except when the materials are agreed to be issued by the Employer under the Contract and also where such tests which are in addition to those provided in the Contract.
- 23.3 The Contractor shall maintain an account of receipt and use of materials brought by Contractor for incorporation in the works for the purpose of check and accounting and same shall be available for inspection of Engineer-in-charge.
  The Engineer-in-Charge or his representative shall be entitled at any time to inspect and examine any materials intended to be used in or on the works, either on the site or at factory or workshop or other place(s) where such materials are assembled, fabricated, manufactured, or at any place where these are lying or from where these are being obtained. For this purpose, the Contractor shall afford such facilities as may be required for such inspection and examination.
- 23.4 Deleted
- 23.5 The Engineer-in-Charge shall have full powers for removal of any or all materials brought to site by the Contractor, which are not in accordance with the Contract Specifications or samples, approved by him. Should the Contractor fail to remove the rejected materials, the Engineer-in-Charge shall be at liberty to have them removed by other means at the Contractor's cost. The Engineer-in-Charge shall have full power to procure other proper materials to be substituted at Contractor's costs.
- 23.6(a) Deleted
- Provisions contained hereinabove shall not in any way dilute the Contractor's liabilities under the Contract in any manner whatsoever.

#### **CLAUSE-24: POWER SUPPLY:**

24.1 The Employer, if requested by the Contractor will provide full assistance to the Contractor to obtain construction power from grid to meet part requirement as standby arrangement. Contractor will not have any claim, if construction power is not available from the grid. The Contractor will also be responsible for making all payments to the concerned authorities and will make no claims if the power is not available due to grid failure or otherwise. The Contractor shall make

arrangements for the full anticipated requirement of construction power by installing Diesel Generating sets and operate these sets for generation of power required for execution of Works under the Contract, at no extra cost to the Employer.

No payment shall be made by the Employer for generation, distribution and consumption of electricity in execution of Works by the Contractor.

#### **CLAUSE-25: SUPPLY OF WATER:**

The Contractor shall make his own arrangements for water required for and in connection with the work at his cost. It shall be the responsibility of the Contractor to satisfy himself that the water arranged by him is fit for construction & consumption & he shall adequately treat such water whenever it is not found fit for the said purposes.

#### **CLAUSE-26: WATCHING AND LIGHTING:**

The Contractor shall provide and maintain at his expense all lights, guards, fencing and watching when and where necessary or as required by the Engineer-in-Charge for the protection of the works or for the safety and convenience of those employed on the works or the public.

#### **CLAUSE-27: WORK DURING NIGHT OR ON SUNDAYS AND HOLIDAYS:**

27.1 Subject to any provisions to the contrary contained in the Contract, the Contractor shall have the options to carry out the works continuously during night, Sunday or holidays, without any additional cost to Employer.

### CLAUSE-28: SITE DRAINAGE, PROTECTION OF TREES AND PREVENTION OF NUISANCE:

- 28.1 The Contractor shall, throughout the execution and completion of the Works and remedying of any defects therein have full regard for the safety of all persons entitled to be upon the Site and keep the Site (so far as the same is under his control) and the Works (so far as the same are not completed or occupied by the Employer) in an orderly state appropriate to the avoidance of danger to such persons.
- 28.2 The Contractor shall endeavour to protect from damage, the trees marked by the Engineer-in-Charge at the site of work or in the lands licensed to him for use under the contract. Where necessary, the contractor shall provide at his expense temporary fencing to protect such trees. No tree shall be cut unless authorised by Engineer-in-Charge in writing to do so.
- 28.3 The Contractor shall at no time, cause or permit any nuisance on the site or cause any thing which shall cause unnecessary disturbance or inconvenience to the public in general and owners/tenants/occupants of adjacent properties.

#### **CLAUSE-29: LABOUR:**

- 29.1 The Contractor shall employ labour in sufficient numbers to maintain the required rate of progress and quality to ensure workmanship of the degree specified in the Contract. The Contractor shall not employ in connection with the works any person who has not completed fourteen years of age in terms of Child Labour (Prohibition and Regulation) Act 1986. The Contractor is encouraged, to the extent practicable and reasonable, to employ staff and labour with appropriate qualifications and experience from the region of the project. Unskilled labour shall be recruited from local region only.
- 29.2 The Contractor shall furnish and deliver fortnightly to the Engineer-in-Charge, a distribution return of the number and description by trades of the works of people employed on the works. The contractor shall also submit on the 4th and 19th of every month to the Engineer-in- charge a true

statement showing in respect of the second half of the preceding month and the first half of the current month.

- i) The accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them, and
- ii) The number of female workers who have been allowed maternity benefit as provided in the Maternity Benefit Act, 1961 or Rules made thereunder.
- 29.3 The Contractor shall ensure to obtain the EPF code number from the concerned authorities before start of Works and will not engage any sub-contractor who does not possess EPF code number.
- 29.4 During continuance of the Contract, the Contractor and his sub-contractors shall abide at all times by all existing labour enactments and rules made thereunder, regulations, notifications and bye laws of State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Principal Employer indemnified in case any action is taken against the Principal Employer by the competent authority on account of contravention by the Contractor of any of the provisions of any Act or rules made thereunder, regulations or notifications including amendments. If the Principal Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/acts/rules/regulations including amendments, if any, on the part of the Contractor, the Principal Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Principal Employer.

The employees of the Contractor and his sub-contractor in no case shall be treated as the employees of the Principal Employer at any point of time.

Salient features of some of the major labour laws that are applicable to construction industry are given below. The list is only indicative. Contractor shall obey all the Labour Laws along with its Amendment relevant to the work.

(i) Employee Compensation Act 1923 as amended.

The Act provides for compensation in case of injury or death by accident arising out of and during the course of employment.

(ii) Payment of Gratuity Act 1972

Gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed 5 years service or more or on death or on retirement or superannuation at the rate of 15 days wages for every completed year of service. The Act is applicable to all establishments employing 10 or more employees.

(iii) Employees PF and Miscellaneous Provision Act 1952 including FPS-71/EPS-95.

The Contractor is required to possess PF Code from the concerned Regional Provident Fund Commission. The benefits payable under the Act are:

(a) Pension or family pension on retirement or death as the case may be.

- (b) Deposit linked insurance on the death in harness of the worker.
- (c) Payment of PF accumulation on retirement/death etc.

#### (iv) Maternity Benefit Act 1961 (Amended)

The Act provides for leave and some other benefits to women employees in case of confinement or miscarriage etc.

### (v) Contract Labour (Regulation and Abolition) Act 1970 with Rules framed there under as amended.

The Act provides for certain welfare measures and wages to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided by the Principal Employer by Law and recover the same from the Contractor from any amount/monies due to him. The principal employer is required to take Certificate of Registration and the Contractor is required to take a License from the designated Officer. The Act is applicable to the establishments of contractor if they employ 20 or more contract labour.

#### (vi) Minimum Wages Act 1948 (Amended)

The Contractor is to pay not less than the Rate of Minimum Wages notified by the appropriate Government as per provisions of the Act.

#### (vii) Payment of Wages Act 1936 (Amended)

It lays down as to by what date the wages are to be paid, when it will be paid and what deductions can be made from the wages of the workers.

#### (viii) Equal Remuneration Act 1979

The Act provides for payment of equal wages for work of equal nature to male and female workers and not for making discrimination against Female employees in the matters of transfers, training and promotions etc.

#### (ix) Payment of Bonus Act 1965 and any further amendments thereof.

The Act is applicable to all establishments employing 20 or more workmen. The Act provides for payments of annual bonus subject to a minimum of 8.33 % of wages and maximum of 20 % of wages to employees drawing ₹ 21000/- P.M. or less. The bonus to be paid to employees getting ₹ 7,000/- P.M. or above upto ₹ 21000/- P.M. shall be worked out by taking wages as ₹ 7000/- P.M. or the minimum wages for the scheduled employments as fixed by the appropriate Govt. whichever is higher. All amounts of Bonus are required to be paid within eight months of closing of financial year. The Act does not apply to certain establishments, classes of employees. The newly set up establishments are exempted for five years in certain circumstances.

#### (x) Industrial Disputes Act 1947(Amended)

The Act lays down the machinery and procedure for resolution of industrial disputes, in what situations a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.

#### (xi) Industrial Employment (Standing Orders) Act 1946 (Amended)

It is applicable to all establishments employing 100 or more workmen (employment size reduced by some of the States and Central Government to 50). The Act provides for laying down rules governing the conditions of employment by the Contractor on matters provided in the Act and get the same certified by the designated Authority.

#### (xii) Trade Unions Act 1926

The Act lays down the procedure for registration of trade unions of workmen and employers. The trade unions registered under the Act have been given certain immunities from civil and criminal liabilities.

### (xiii) Child Labour (Prohibition and Regulation) Act 1986

The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulation of employment of children in all other occupations and processes. Employment of child labour is prohibited in Building and Construction Industry.

### (xiv) <u>Inter-State Migrant Workmen's (Regulation of Employment and Conditions of Service) Act</u> 1979

The Act is applicable to an establishment, which employs 5 or more inter-state migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The inter-state migrant workmen, in an establishment to which this Act becomes applicable, are required to be provided certain facilities such as housing, medical aid, traveling expenses from home upto the establishment and back, etc.

# (xv) The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act 1996 and the Cess Act of 1996

All the establishments who carry on any building or other construction work and employs 10 or more workers are covered under this Act. All such establishments are required to pay cess @ 1% of the cost of construction. The Contractor to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.

#### (xvi) The Factories Act 1948

The Act lays down the procedure for approval of plans before setting up a factory, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. It is applicable to premises employing 10 persons or more with aid of power or 20 or more persons without the aid of power engaged in manufacturing process.

(xvii) The Personal Injuries (Compensation Insurance) Act, 1963 and any modifications thereof and rules made there under from time to time.

The compliance of all the above mentioned Acts shall be read along with latest amendments of the respective Act.

(xviii) Employees State Insurance Act, 1948

The Act provides for certain benefits to employees in case of sickness, Maternity and Employment injury and for certain other matter in relation thereto.

The compliance of the labour laws / acts shall be along with amendments (if any) of the respective acts.

The Contractor shall require his employees to obey all applicable Laws, including those concerning safety at work.

The definition of "Principal Employer for this clause shall be as per Contract Labour (Regulation and Abolition) Act 1970

- 29.5 The Engineer-in-Charge shall on a report having been made by an authorised Inspecting Officer as defined in the Contract Labour (Regulation and Abolition) Act and Rules or on his own in his capacity as Principal Employer, have the power to deduct from the amount due to the Contractor any sum required or estimated to be required for making good the loss suffered by worker(s) by reasons of non-fulfilment of the conditions of the Contract for the benefit of workers, non-payment of wages or of deductions made by him from wages which are not justified by the terms of the contract or non-observance of the relevant Acts and Rules with amendments made from time to time. If the Employer makes payment to Contractor's labour due to non-payment of wages to labour by the Contractor, the Employer shall recover the amount thus paid from the next Interim Payment of the Contractor.
- 29.6 The Contractor shall indemnify the Employer against any payments to be made under and for observance of the Regulations, Laws, Rules as stipulated in clause 29.4 above without prejudice to his right to claim indemnity from his sub-contractors. In the event of the Contractor's failure to comply with the provisions of sub-clause 29.4 or in the event of decree or award or order against the Contractor having been received from the competent authority on account of any default or breach or in connection with any of the provisions of sub-clause 29.4 above, the Engineer-in-Charge, without prejudice to any other right or remedy under the Contract, shall be empowered to deduct such sum or sums from the bills of the Contractor or from his Security Deposit or from other payments due under this contract or any other Contract to satisfy within a reasonable time the provisions of the various Acts/Laws/Rules/Codes as mentioned under sub-clause 29.4 above, on the part of the Contractor under the Contract on behalf of and at the expenses of the Contractor and make payment and/or provide amenities/facilities/services accordingly. In this regard, the decision of the Engineer-in-Charge shall be conclusive and binding on the contractor.
- 29.7 The Contractor shall at his own expense comply with or cause to be complied with the Provisions/Rules provided for welfare and health of Contract Labour in the Contract Labour (Regulation & Abolition) Act and other relevant Acts and Rules framed thereunder or any other instructions issued by the Employer in this regard for the protection of health and for making sanitary arrangements for workers employed directly or indirectly on the works. In case, the Contractor fails to make arrangements as aforesaid, the Engineer-in-Charge shall be entitled to do so and recover the cost thereof from the Contractor.
- 29.8 The Contractor shall at his own expense arrange for the safety provisions as required by the Engineer-in-Charge, in respect of all labour directly or indirectly employed for performance of the Works and shall provide all facilities in connection therewith. In case the Contractor fails to make arrangements and provide necessary facilities as aforesaid, the Engineer-in-Charge shall be entitled to do so and recover the cost thereof from the Contractor. But this will not absolve the Contractor of his responsibility or otherwise thereof.

- 29.9 In the event of any injury, disability or death of any workmen in or about the work employed by the Contractor either directly or through his sub-contractor, Contractor shall at all times indemnify and save harmless the Employer against all claims, damages and compensation under the Workmen Compensation Act, 1923 as amended from time to time or in other law for the time being in force and rules there under from time to time and also against all costs, charges and expenses of any smooth action by proceedings arising out of such accidents or injury, disability or death of a workmen and against all sum or sums which may with the consent of the Contractor be paid to compromise or compound any claim in this regard. If any award, decree or order is passed against the Contractor for recovery of any compensation under the Workmen Compensation Act, 1923, for any injury, disability or death of a workman by any competent court, the said sum or sums shall be deducted by the Engineer-in- charge from any sum then due or that may become due to the Contractor or from his Security Deposit or sale thereof in full or part under the Contract or any other contract with the Employer towards fulfillment of the said decree, award or orders.
- 29.10 Provided always that the Contractor shall have no right to demand payments/claims whatsoever on account of his compliance with his obligations under this clause and Labour Regulation and the same are deemed to be covered in unit rates of BOQ.

#### CLAUSE-30: REMOVAL OF CONTRACTOR'S MEN:

The Contractor shall employ on the execution of the Works only such persons as are skilled and experienced in their respective trades and the Engineer-in-Charge shall be at liberty to object to and require the contractor to remove from the works any persons employed by the Contractor on the execution of the works who, in the opinion of the Engineer-in-Charge, misconducts himself or is incompetent or negligent in the proper performance of his duties. The contractor shall forth-with comply with such requisition and such person shall not be again employed upon the works without permission of the Engineer-in- charge. Any person so removed shall be replaced immediately.

### CLAUSE-31: MATERIALS OBTAINED FROM EXCAVATION AND TREASURE, TROVE, FOSSILS ETC:

- 31.1 Materials of any kind obtained from excavation on the Site shall remain the property of the Employer and shall be disposed off as directed by the Engineer-in-Charge.
- 31.2 However, if any of the materials thus obtained from excavation on the site is such as can be used in the execution of the Works under the Contract, the Contractor will be allowed to use the same free of cost (except that any amount of royalty, levies are paid by the Contractor) for the aforesaid purposes provided the same is found suitable and is approved by the Engineer-in-Charge.
- 31.3 Fossils, coins, articles of value, structures and other remains or things of geological or archeological interest discovered on the site shall be the absolute property of the Employer. The Contractor shall take reasonable precautions to prevent his labour or any other person from removing or damaging any such article or thing and shall immediately upon the discovery thereof and before removal acquaint the Engineer-in-Charge with such discovery and carry out the Engineer-in-Charge's directions as to the disposal of the same at the expense of the Employer.

#### **CLAUSE-32: FORCE MAJEURE:**

32.1 The term "Force Majeure" shall herein means an exceptional event or circumstance:

- a) which is beyond a Party's control.
- b) which such Party could not reasonably have provided against before entering into the Contract.
- c) which, having arisen, such Party could not reasonably have avoided or overcome, and
- d) which is not substantially attributable to the other Party.

Force Majeure may include, but is not limited to, exceptional events or circumstances of kind listed below, so long as conditions (a) to (d) above are satisfied:

- i) war, hostilities (whether war be declared or not), invasion, act of foreign enemies,
- ii) rebellion, revolution, insurrection, military or usurped power, or civil war,
- iii) commotion or disorder, strike by persons other than the Contractor's personnel and other employees of the Contractor and Subcontractors,
- iv) ionising radiation or contamination by radio-activity, and
- v) pressure waves caused by air craft or other aerial devices travelling at sonic or supersonic speed.
- vi) natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity.
- vii) Spread of pandemic where lock down/ movement restrictions are declared by Government.
- 32.2 If a Party is or will be prevented from performing any of its obligations under the Contract by Force Majeure, then it shall give notice to the other Party of the event or circumstances constituting the Force Majeure and shall specify the obligations, the performance of which is or will be prevented. The notice shall be given within 14 days after the Party became aware, or should have become aware, of the relevant event or Circumstance constituting Force Majeure.
  - The Party shall, having given notice, be excused performance of such obligations for so long as such Force Majeure prevents it from performing them.
  - Notwithstanding any other provision of this Clause. Force Majeure shall not apply to obligations of either Party to make payments to the other Party under the Contract.
- Each Party shall at all times use all reasonable endeavours to minimize any delay in the performance of the Contract as a result of Force Majeure.
  - A Party shall give notice to the other Party when it ceases to be affected by the Force Majeure.
- 32.4 On occurrence of Force Majeure, the liability of either Party shall be dealt with, in accordance with the provisions of sub-clause 34.2
- 32.5 Should there be a request for extension of time arising out of "Force Majeure" the same shall be considered in accordance with clause 39.

# CLAUSE 33: LIABILITY FOR DAMAGE, DEFECTS OR IMPERFECTIONS AND RECTIFICATIONS THEREOF:

33.1 If the Contractor or his labour or sub-contractor, injure, destroy or damage roads, fence enclosures, water pipes, cables, buildings, drains, electricity or telephone posts, wires, trees, grass line, cultivated land in the area in which they may be working or in the areas contiguous to the premises on which the work or any part of it is being executed or if any damage is caused during the progress of work, the Contractor shall upon receipt of a notice in writing in that behalf from the Engineer-in-Charge, make the same good at his costs.

- 33.2 If it appears to the Engineer-in-Charge or his representative at any time during construction or reconstruction or prior to the expiration of the Defects Liability Period that any work has been executed with unsound, imperfect or unskilled workmanship or that any materials or articles provided by the Contractor for execution of the Works are unsound or of a inferior quality, or otherwise not in accordance with the Contract, or that any defect, shrinkage or other faults found in the work arising out of defective or improper materials or workmanship, the Contractor shall, upon receipt of a notice in writing in that behalf from the Engineer-in-Charge, forthwith rectify or remove and reconstruct the work so specified in whole or in part, as the case may be, and/or remove the materials/articles so specified and provide other proper and suitable materials at his own expense.
- 33.3 If the Contractor fails to rectify, make good or remove and reconstruct the work as notified herein above, the Engineer-in-Charge shall have power to carry out such damages, defects or imperfections by any means or through any other agency or by himself at the risk and cost of the Contractor. In such a case the value of such rectification/replacement, reconstruction through such agencies shall be recovered from the Contractor from any amount due to him. The decision of Engineer-in-Charge in this regard shall be final and binding on the contractor.

#### **CLAUSE-34: CONTRACTOR'S LIABILITY AND INSURANCE:**

- 34.1 From commencement to completion of the Work(s) as a whole, the Contractor shall take full responsibility for the care thereof and for taking precautions to prevent loss or damage. He shall be liable for any damage or loss that may happen to the Works or any part thereof and to the Employer's Plant, Equipment and Material (hired or issued to the Contractor). Any such loss or damage shall be restored in good order and condition and in conformity in every respect with the requirements of the Contract Technical specifications and instructions of the Engineer-in-Charge.
- i) Neither Party to the Contract shall be liable to the other in respect of any loss or damage which may occur or arise out of "Force Majeure" to the Works or any part thereof or to any material or article at site but not incorporated in the Works or to any person or anything or material whatsoever of either Party provided such a loss or damage could not have been foreseen or avoided by a prudent person and the either Party shall bear losses and damages in respect of their respective men and materials. As such liability of either Parties shall include claims/compensation of the third Party also.
  - ii) Provided, however, in an eventuality as mentioned in sub-clause 34.2 (i) above, the following provisions shall also have effect:
    - (a) The Contractor shall, as may be directed in writing by the Engineer-in-Charge proceed with the erection and completion of the works under and in accordance with the Contract Specifications; and
    - (b) The Contractor shall, as may be directed in writing by the Engineer-in-Charge, re-execute the works lost or damaged, remove from the site any debris and so much of the works as shall have been damaged and carry the Employer's Material etc, to the Employer's stores. The cost of such re- execution of the works, removal of damaged works and carrying of Employer's store shall be ascertained in the same manner as for deviations and this shall be paid separately to the Contractor.
      - Provided always that the Contractor shall, at his own cost, repair and make good so much of the loss or damage as has been by any failure on his part to perform his obligations under the Contract or not taking precautions to prevent loss or damage or minimize the amount of such loss or damage.

- 34.3 The Contractor shall indemnify and keep indemnified the Employer against all losses and claims for death, injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of works during the Time for Completion and also against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto, and such liabilities shall include claims/compensations of the third Party.
- 34.4 Within 30 days of issuance of Letter of Acceptance the Contractor shall, without in any way limiting his obligations and responsibilities under this condition, insure and pay all costs and maintain the insurance premium throughout the period of Contract, with the following coverage:
  - (a) the Works, together with materials and Plant for incorporation therein, to the full replacement cost (the term "cost" in this context shall include profit), (CAR / EAR Policy). an additional \_\_\_\_\_\_% (as mentioned in Schedule D) of Contract Price shall be added in "cost" to arrive at full replacement cost, to account for the materials which is to be issued to the Contractor free of cost by the Employer.
  - (b) an additional sum of 15 per cent of such replacement cost as per (a) above, to cover any additional costs of and incidental to the rectification of loss or damage including professional fees and the cost of demolishing and removing any part of the Works and of removing debris of whatsoever nature, (CAR / EAR Policy). The deductibles shall be as mentioned in Schedule D.
  - (c) the Contractor's Equipment brought at the Site by the Contractor, and in terms of Clause 13.1.2(iii) of GCC., and
  - (d) the contractor's workmen and public liability
- 34.5 Scope of Cover:

The insurance in paragraphs (a), (b) and (c) of Sub-Clause 34.4 shall be in the joint names of the Contractor and the Employer and shall cover:

- (a) The Employer and the Contractor against all loss or damage from whatsoever cause arising other than as provided in Sub-Clause 34.6 from the Commencement date until the date of issue of the relevant Completion Certificate in respect of the Works, and
- (b) the Contractor for his liability:
  - (i) during the Defects Liability Period for loss or damage arising from a cause occurring prior to the commencement of the Defects Liability Period, and
  - (ii) for loss or damage occasioned by the Contractor in the course of any operations carried out by him for the purpose of complying with his obligations under Clauses 43.

The Insurance Policy shall have a clause of taking no objection certificate from Engineer in Charge before release of any settled claim by insurance company to the Contractor.

- 34.6 There shall be no obligation for the insurances in Sub-Clause 34.4 to include loss or damage caused by:
  - (a) war, hostilities (whether war be declared or not), invasion act of foreign enemies.
  - (b) rebellion, revolution, insurrection, or military or usurped power, or civil war.
  - (c) ionizing radiations, or contamination by radio-activity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof or

- (d) pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds.
- (e) defects in design in the scope of Engineer.
- 34.7 If the Contractor receives instructions from the Employer to insure against any of the risks mentioned in sub-clause 34.6, or any other risk, such insurance if available shall be effected, at the cost of the Employer.
- 34.8 In case of any loss from the reason other those detailed Para 34.6 & 34.7 above, difference of loss and amount realized from Insurance Company including deductibles shall be borne by the Contractor.
- 34.9 The Contractor shall, without limiting his or the Employer's obligations and responsibilities, insure, in the joint names of the Contractor and the Employer, against liabilities for death of or injury to any person or loss of or damage to any property (other than the Works) arising out of the performance of the Contract for at least the amount stated here under:
  - (i) Public liability limits for bodily injury not less than Rs.2, 50,000 and/or for death not less than Rs. 5, 00,000 per person for each accident.
  - (ii) Property liability limits for each accident not less than Rs.10, 00,000 (ten lacs).
  - Limit of total liability both for Public and Property under sub-clause 34.9 (i) and (ii) shall be 10 % of Contract Price. In case, the total liability exceeds the limit of 10% of contract price, the minimum liability as mentioned under Para (i) & (ii) shall be applicable.
- 34.10 The insurance policy shall include a cross liability clause such that the insurance shall apply to the Contractor and to the Employer as separate insured.
- 34.11 The Employer shall not be liable for in respect of any damages or compensation payable to any workman or other person in the employment of the Contractor or any subcontractor, other than death or injury resulting from any act or default of the Employer, his agents or servants. The Contractor shall indemnify and keep indemnified the Employer against all such damages and compensation, other than those for which the Employer is liable as aforesaid, and against all claims, proceedings, damages costs, charges and expenses whatsoever in respect thereof or in relation thereto.
- 34.12 The Contractor shall insure against such liability and shall continue such insurance during the whole of the time and that any persons are employed by him on the Works. Provided that, in respect of any persons employed by any subcontractor, the Contractor's obligations to insure as aforesaid under this liability in respect of such persons in such manner that the Employer is indemnified under the policy, but the Contractor shall require such sub-contractor to produce to the Employer, when required, such policy of insurance and the receipt for the payment of the current premium.
- 34.13 Within 30 days of the Commencement Date, the Contractor shall provide the insurance policies / evidence of insurance to Engineer-in-charge. Such insurance policies shall be consistent with the general terms agreed prior to the issue of the Letter of Acceptance. The Contractor shall effect all insurances for which he is responsible with insurers and in terms approved by the Employer.
- 34.14 The Contractor shall notify the insurers of changes in the nature, extent or Programme for the execution of the Works and ensure the adequacy of the insurances at all times in accordance with the terms of the Contract and shall, when required, produce to the Employer the insurance policies in force and the receipts for payment of the current premiums.
- 34.15 If the Contractor fails to effect and keep in force any of the insurances required under the Contract, or fails to provide the policies to the Engineer-in-charge within the period required by Sub-Clause

- 34.12 then and in any such case the Engineer-in-charge may effect the recovery of such premium on pro-rata basis from the Running Account bills of the Contractor. Additionally the payment of Running Account bills may also be suspended until the Contractor complies with the requirements of sub clause 34.12 of these conditions. If non-insurance prolongs for a period of continuous 2 months, the Employer may treat it as Default of Contractor as per the provisions of clause 38 of GCC.
- 34.16 In the event that the Contractor or the Employer fails to comply with conditions imposed by the insurance policies effected pursuant to the Contract, each shall indemnify the other against all losses and claims arising from such failure.
- 34.17 The Contractor shall at his own expense arrange for the safety provisions as laid down in applicable Law & Regulations and in Safety Manual of the Employer in respect of the works covered under this Contract. In case, the Contractor fails to comply with the provisions of the safety manual, the Engineer-in-Charge shall be entitled to and make the necessary arrangement at the risk and cost of the Contractor. This will, however, not absolve the Contractor of his overall responsibility to execute the works under the Contract.
- 34.18 Provided that provisions made under subclause 34.4 of these conditions shall not be applicable for the Works costing (Estimated cost put to tender / tender check estimate / Technical Sanctioned estimate) less than 100(one hundred) lacs. For the works costing less than 100 (one hundred) lacs the Contractor shall avail ' group personal accident insurance policy' covering all the personnel employed by the Contractor for execution for Works complying requirement of Workmen Compensation Act 1923 as amended by Amendment Act No. 65 of 1976.

#### **CLAUSE 35: SUSPENSION OF WORKS:**

- 35.1 The contractor shall on the order of the Engineer-in- charge suspend the progress of the Works or any part thereof for such time or times and in such manner as the Engineer-in-Charge may consider necessary and shall during such suspension properly protect and secure the work so far as is necessary in the opinion of the Engineer-in- charge. If such suspension is:
  - (a) provided for in the Contract, or
  - (b) necessary for the proper execution of the Works or by reason of weather conditions or by some default on the part of the Contractor, or
  - (c) necessary for the safety of the Works or any part thereof.
  - The Contractor shall not be entitled to extra costs (if any) incurred by him during the period of suspension of the works; but in the event of any suspension ordered by the Engineer-in-Charge for reasons other than aforementioned and when each such period of suspension exceeds 14 days, the Contractor shall be entitled to such extension of Time for Completion of the Works as the Engineer-in-Charge may consider proper having regard to the period or periods of such suspensions under clause 39
- 35.2 If the progress of Works or any part thereof is suspended on the order of the Engineer-in-Charge for more than three months at a time the Contractor may serve a written notice on the Engineer-in-Charge requiring permission within 15 days from the receipt thereof to proceed with the Works or that part thereof in regard to which progress is suspended and if such permission is not granted within that time the Contractor by a further written notice so served may (but is not bound to) elect to treat the suspension where it affects part only of the Works as an omission of such part or where it affects the whole of the Works as an abandonment of the Contract by the Employer.

### CLAUSE 36: FORECLOSURE OF CONTRACT IN FULL OR IN PART DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK:

36.1 If at any time after acceptance of the tender the Employer decides to abandon or reduce the scope of the Works for reason whatsoever and hence does not require the whole or any part of the Works to be carried out, the Engineer-in-Charge shall give notice in writing to that effect to the Contractor, and the contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he could not derive in consequence of the fore- closure of the whole or part of the Works.

The Contractor shall be paid at Contract rates for full amount of the works executed at Site and, in addition, a reasonable amount as certified by the Engineer-in-Charge for the items hereunder mentioned which could not be utilised on the works to the full extent because of the foreclosure:

- (a) Any expenditure incurred on preliminary works, e.g. temporary access roads, temporary labour huts, staff quarters and Site office; storage accommodation workshop, installation and dismantling of Construction Equipment (batching plant, crushing plant) and water storage tanks.
- (b) i) The Employer shall have the option to take over Contractor's materials or any part thereof, either brought to site or of which the Contractor is legally bound to accept delivery from suppliers (for incorporation in or incidental to the Work), provided, however, the Employer shall be bound to take over the material or such portions thereof as the Contractor does not desire to retain. The cost shall, however, take into account purchase price, cost of transportation and deterioration or damage which may have been caused to materials whilst in the custody of the Contractor.
  - ii) For Contractor's materials not retained by the Employer, reasonable cost of transporting such materials from Site to Contractor's permanent stores or to his other Works, whichever is less. If materials are not transported to either of the said places, no cost of transportation shall be payable.
- (c) If any materials issued by the Employer are rendered surplus, the same except normal wastage for the materials used in the works shall be returned by the Contractor to the Employer.
- (d) Reasonable compensation for transfer of T&P from Site to Contractor's permanent stores or to his other works whichever is less. If T&P are not transported to either of the said places, no cost of outward transportation shall be payable.
- 36.2 The Contractor shall, if required by the Engineer-in- charge, furnish to him books of account, wage books, time sheets and other relevant documents as may be necessary to enable him to certify the reasonable amount payable under this condition.

#### **CLAUSE-37: TERMINATION OF CONTRACT ON DEATH:**

If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies, or if the Contractor is a partnership concern and one of the partners dies, then, unless the Engineer-in-Charge is satisfied that the legal representatives of the individual Contractor or of the proprietor of the proprietary concern and in the case of partnership, the surviving partners are capable of carrying out and completing the contract, the Engineer-in-Charge shall be entitled to terminate the Contract as to its uncompleted part without the Employer being in any way liable to payment of any compensation whatsoever on any account to the estate of the deceased Contractor and/or to the surviving partners of the Contractor's firm on account of termination of the Contract. The decision of the Engineer-in-Charge that the legal representatives of the deceased Contractor or the surviving partners of the Contractor's firm cannot carry out and complete the Works under the Contract shall be final and binding on the parties. In the event of such termination, the Corporation shall not hold

the estate of the deceased Contractor and/or the surviving partners of the Contractors firm liable for damages for not completing the Contract. Provided that the power of the Engineer-in- charge of such termination of Contract shall be without prejudice to any other right or remedy, which shall have accrued or shall accrue to him under the Contract.

### CLAUSE-38: DEFAULT BY THE CONTRACTOR AND TERMINATION OF CONTRACT IN FULL OR IN PART:

#### 38.1 If the Contractor:

- i) commits default in complying with or commits breach of any of the conditions of the Contract and does not remedy it or take effective steps to remedy it immediately after a notice in writing is given to him by the Engineer-in-Charge; or
- ii) fails to complete the Works or any item of Works within the time specified in Schedule 'C' or any extended time under the Contract and does not complete the Work(s) or any item of Work(s) within the period specified in a notice given in writing by the Engineer-in-Charge; or
- iii) is engaged in corrupt or fraudulent or Collusive or Coercive practices in competing for or in the execution of the Contract, then the Employer may, after giving 14 days notice to the Contractor, terminate the contract and expel him from the Site. The Contractor shall not be entitled for any compensation whatsoever under this clause. For the purpose of this clause
  - a) 'Corrupt Practice' means offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement or execution of Contract.
  - b) **'Fraudulent Practice'** means mis-representation of fact in order to influence the tendering process or the execution of a Contract 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 the employer of the benefits of free and open competition.
  - c) 'Collusive Practice' means a scheme or arrangement between two or more bidders, with or without the knowledge of Borrower/Employer, designed to establish Bid prices at artificial, noncompetitive levels.
  - d) 'Coercive Practice' means harming or threatening to harm, directly or indirectly, person or their property to influence or affect the execution of Contract,
- iv) being an individual, or if a firm, any partner thereof, shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation for the purpose of amalgamation or reconstruction under any insolvency Act for the time being in force or make any conveyance or assignment of his effective or composition or arrangement for the benefit of his creditors or purport as to do, or if any application be made under any insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors; or
- v) being a company shall pass a resolution or the Court shall make an order for the liquidation of its affairs or a receiver or manager on behalf of the debenture holders shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or
- vi) shall suffer an execution in an execution being levied on his goods; or
- vii) assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not being incorporated in the work shall not be deemed to be subletting) or attempts to assign, transfer or sublet the entire works or any portion thereof without the prior written approval of the Engineer-in-Charge,
  - Then the Employer shall have powers to terminate the Contract in full or in part as aforesaid without prejudice to any other right or remedy which shall have accrued or shall accrue of which cancellation

- notice in writing to the Contractor under the hand of the Engineer- in-charge shall be conclusive evidence.
- 38.2 The Employer shall, on such termination of the Contract, have powers to take possession of the site of work under the contract as well as the land/premises allotted to the contractor for his preliminary, enabling and ancillary works and any materials, constructional equipment, implements, stores, structures etc. thereon. The Employer shall also have powers to carry out the incomplete work by any means or through any other agency or by himself at the risk and cost of the Contractor.
- 38.3 If the expenses incurred or to be incurred by the Employer for carrying out and completing the incomplete work or part of the same, , are in excess of the value of the work credited/to be credited to the Contractor, the difference shall be paid by the Contractor to the Employer. If the Contractor fails to pay such an amount, as aforesaid, within thirty days of receipt of notice in writing from the Engineer-in-Charge, the Engineer-in-Charge shall recover such amount from any sums due to the Contractor on any account under this or any other contract or from his Security Deposit or otherwise.
- 38.4 The Engineer-in-Charge shall have the right to sell any or all the Contractor's unused materials, Constructional Equipment, implements, temporary buildings/structures etc. and apply the proceeds of sale thereof towards the satisfaction of any sums due from the Contractor under the Contract and if thereafter there may be any balance outstanding from the Contractor, the Employer shall have powers to recover the same as debt.
- 38.5 All decisions/actions of the Engineer-in-Charge under this clause, as aforesaid, shall be conclusive and binding on the contractor.

#### **CLAUSE-39: TIME FOR COMPLETION AND EXTENSIONS:**

- 39.1 Time for Completion allowed for execution of the Works is as specified in Schedule 'C' of these conditions.
- 39.2 However, if the work is delayed on account of:
  - i) Delay in handing over of site to the Contractor as per clause 12; or
  - ii) Delay in supply of construction drawings as per clause 15.4; or
  - iii) Increase in the quantity of work to be done under the contract as per clause 18; or
  - iv) Suspension of work as per clause 35; or
  - v) Rebuilding of work as per clause 34; or
  - vi) "Force Majeure" conditions as per clause 32 or
  - vii) physical conditions not foreseeable by an experienced contractor as defined in clause 5.2 of GCC, or
  - viii) Any other cause which, in the opinion of the Engineer-in-Charge is beyond the Contractor's control;

then, immediately upon the happening of any such event as aforesaid, the Contractor shall inform the Engineer- in-charge accordingly, but the Contractor shall nevertheless use constantly his best endeavors to prevent and/or make good the delay and shall do all that may be required in this regard. The Contractor/Engineer-in-Charge is required to jointly maintain Hindrance Registers (Annexure-II) for recording hindrances if any, while executing the Works. The Contractor shall request, in writing, for extension of time, to which he may consider himself eligible under the Contract, within 14 (fourteen) days of the date of happening of any such events as indicated above failing which the same shall not be considered or taken into account for any purpose whatsoever.

- Provided further that no monetary claims shall be admissible to the Contractor for such extension of Time for Completion except for reimbursement of cost of extension of bank guarantee for security deposit and insurance policy(ies)
- 39.3 In any such case as may have arisen due to any of the events, as aforesaid, and which shall be brought out by the Contractor in writing, the Engineer-in-Charge may give a fair and reasonable extension of Time for Completion, after taking into consideration the nature of the work delayed and practicability of its execution during the period of extension.

Such extensions, if admissible, shall be communicated to the Contractor by the Engineer-in-Charge in writing.

Provided that Engineer- in – charge is not bound to make any determination unless the Contractor has;

- a) within 14 days after such event has first arisen notified the Engineer and
- b) within 28 days or such other reasonable time as may be agreed by the Engineer in charge detailed particulars of any extension of Time for Completion to which the Contractor may consider himself entitled.

#### **CLAUSE-40: COMPENSATION FOR DELAY:**

- 40.1 If the Contractor fails to complete the work as a whole as specified in Schedule 'C' before the expiry of the period(s) of completion as stipulated in the aforesaid Schedule, or any extended period under Clause 39 as may be allowed, he shall without prejudice to any other right or remedy of the Employer on account of such default, pay as an ascertained/agreed compensation as stipulated in the aforesaid Schedule 'C' not by way of penalty. In addition to above, compensation shall also be recoverable for delay in achievement of Intermediate Milestones. The intermediate milestones for the purpose and rate of Compensation delay is stipulated in Schedule 'C'. However, maximum amount of compensation for delay on account of work as a whole shall not exceed 10% of the Contract Price.
- 40.2 The amount of compensation may be adjusted/withheld/ deducted or set-off against any sum due or payable to the Contractor under this or any other contract with the Employer. The payment or deduction of such damages shall not relieve the Contractor from his obligation to complete the Works or from any other obligations and liabilities under the Contract.
- 40.3 Deleted
- 40.4 LD, if any can be recovered from the retention money and from any other sum payable to the Contractor.

#### **CLAUSE-41: INSPECTION AND APPROVAL:**

- 41.1 All works embracing more than one process shall be subject to examination and approval at each stage thereof and the Contractor shall give due notice to the Engineer-in-Charge or his authorised representative, when each stage is ready. In default of such notice, the Engineer-in-Charge shall be entitled to appraise the quality and extent thereof and the decision of the Engineer-in-Charge in this regard shall be final and binding.
- 41.2 No work shall be covered or put out of view without the approval of the Engineer-in-Charge or his authorised representative and the Contractor shall afford full opportunity for examination of foundations before permanent work is placed thereon. The Contractor shall give due notice to the Engineer-in-Charge or his authorised representative whenever any such work or foundation is ready for examination and the Engineer-in- charge or his representative shall, without unreasonable delay,

- unless he considers it unnecessary and advises the Contractor accordingly, examine and measure such work or such foundations. In the event of the failure of the contractor to give such notice, he shall, if required by the Engineer-in-Charge, uncover such work at the Contractor's expense.
- 41.3 The Engineer-in-Charge or his representative shall have powers at any time to inspect and examine any part of the works and Contractor shall give such facilities as may be required for such inspection and examination.
- 41.4 The Contractor shall uncover any part of the Works and/or make opening in or through the same as the Engineer-in- charge may from time to time direct for his verification and shall reinstate and make good such part to the satisfaction of the Engineer-in-Charge. If any such part has been covered up or put out of view after being approved by the Engineer-in-Charge and is subsequently found, on uncovering, to be executed in accordance with the contract, the expenses of uncovering and/or making openings in or through, reinstating and making good the same, shall be borne by the Employer. In any other causes all such expenses shall be borne by the Contractor.

#### **CLAUSE-42: COMPLETION CERTIFICATE:**

- 42.1 The Works shall be completed to the entire satisfaction of the Engineer-in-Charge and in accordance with the time mentioned in Schedule 'D' and terms and conditions mentioned in clause-39. As soon as the Works under the Contract is completed as a whole, the Contractor shall give notice of such completion to the Engineer-in-Charge. The Engineer-in-Charge, within two week of receipt of such notice, shall inspect the Works and shall satisfy himself that the Work(s) has been completed in accordance with the provisions of the Contract and then issue to the Contractor a certificate of completion indicating the date of completion except for any minor outstanding works and minor defects which will not substantially affect the use of Works for their intended. Should the Engineer-in-Charge notice that there are major defects in the Works or the Works are not considered to be substantially complete, he shall issue a notice in writing to the Contractor to rectify/replace the defective Works or any part thereof or complete the Works, as the case may be, within such time as may be notified and after the Contractor has complied with as aforesaid and gives notice of completion, the Engineer-in-Charge shall inspect the work and issue the completion certificate in the same manner as aforesaid.
- 42.2 No certificate of completion shall be issued as stipulated under 42.1 above nor Work be considered to be completed unless the Contractor shall have removed from the work site and/or premises all his belongings/temporary arrangements brought/made by him for the purpose of execution of the work and clean the site and/or premises in all respects and made the whole of the site and or premises fit for immediate occupation/use to the satisfaction of the Engineer-in-Charge. If the Contractor fails to comply with the above mentioned requirements on or before the date of completion of the Work, the Engineer-in-Charge, may, as he thinks fit and at the risk and cost of the Contractor, fulfill such requirements and remove/dispose off the Contractor's belongings/temporary arrangements, as aforesaid, and the Contractor shall have no claim in this respect except for any sum realized by the sale of Contractor's belongings/temporary arrangements less the cost of fulfilling the said requirements and any other amount that may be due from the Contractor. Should the expenditure on the aforesaid account exceed the amount realised by sale of such Contractor's belongings/temporary arrangements than the Contractor shall on demand, pay the amount of such excess expenditure.

#### **CLAUSE-43: DEFECTS LIABILITY PERIOD:**

- 43.1 The "Defect Liability Period" for the entire work under the Contract is 12 months from the certified date of completion as per clause 42.
- 43.2 If during the Defects Liability Period any portion of the Works is found defective or deficient in any manner and is repaired/rectified/replaced pursuant to the defects liability provisions of the Contract, the Defects Liability Period for such portion of the Works, shall, notwithstanding anything to contrary contained herein, be operative for a further period of 6 months from the date of such repair/rectification/ replacement but shall not in any case be operative for more than 18 months from the date of completion stated in the Completion Certificate.

### **CLAUSE-44: MEASUREMENTS:**

- 44.1 The Engineer-in-Charge shall except as otherwise stated ascertain and determine by measurement, the value of work done in accordance with the Contract.
- 44.2 Notwithstanding any provision in the relevant standard method of measurement or any general or local custom, measurement of work done under the Contract shall be taken in accordance with the procedure set forth in the Technical Specifications or Bill of Quantities under the Contract. In the case of items of work, which are not covered by the Technical Specifications or Bill of Quantities, measurement shall be taken in accordance with the relevant standard methods of measurements laid down by the Bureau of Indian Standards (BIS).
- 44.3 All items having a financial value shall be entered in measurement book, level book, etc., prescribed by the Employer so that a complete record is maintained of all work performed under the Contract.
- 44.4 Measurement shall be taken jointly by the Engineer-in- charge or his representative and by the Contractor or his authorised representative.
- 44.5 Before taking measurement of any works, the Engineer-in- charge or his representative, shall give a reasonable notice to the Contractor. If the Contractor fails to attend or send an authorised representative for measurement after such a notice or fails to countersign or to record the objection within a week from the date of taking the measurements, then in that event the measurements taken by the Engineer-in- charge shall be taken to be correct and final measurements of such work.
- 44.6 The Contractor shall, without extra charge, provide assistance with every appliance, labour and other appliances (theodolite, level etc.) and things necessary for measurement.
- 44.7 Measurement shall be signed and dated by both parties on the Site on completion of measurement. If the Contractor objects to any of the measurements recorded by the representative of the Engineer-in-Charge a note to that effect shall be made in the measurement book against the item objected to and such note shall be signed and dated by both parties engaged in taking the measurement. The decision of the Engineer-in-Charge on any such dispute or difference or interpretation shall be final and binding on the contractor in respect of all contract items, substituted items, extra items and deviations. Provided that items of work which are not susceptible to measurement at the later date must be measured jointly and signed accordingly by both the parties at the time of execution of such items.

# **CLAUSE-45: PAYMENT ON ACCOUNT:**

- 45.1 Running Account bills shall be submitted by the Contractor monthly on or before the date fixed by the Engineer-in-Charge for the work executed. The Engineer-in-Charge shall then verify the bills with reference to the measurements recorded in the measurement book(s).
- 45.2 Payment on account for amount admissible shall be made on the Engineer-in-Charge certifying the sum to which the contractor is considered entitled by way of interim payment for the work executed, after deducting therefrom the amounts already paid, the security deposit and such other amounts as may be withheld/deductable or recoverable in terms of the Contract.

- 45.3 Payment of the Contractor's bills shall be made by the Employer within 30 days from the date of submission of the bill subject to the acceptance of the Engineer-in- charge.
  - In case of any disagreement between EIC and Contractor on any part of the bill, such part shall be severed from the rest and payment of such part shall be withheld by the EIC and payment of balance admissible part of Contractor's bill shall be processed and released within specified 30 days.
  - The clarification on disagreed part, if any, required on any item of Contractor's bill shall be sought by the EIC within 21 days of bill submission and except in exceptional circumstances, these clarification shall be sought in one go. Similarly, the Contractor shall also be required to submit the clarification sought within next 21 days.
- 45.4 Payments due to the Contractor shall be made by crossed Cheque/RTGS/NEFT by the Engineer-in-Charge or his representative. Such cheques shall be issued direct to the Contractor on furnishing a stamped receipt for the amount of the cheque or to his constituted attorney duly authorised to receive such payments from the Engineer-in- charge.
- 45.5 Any Running Account bills given relating to work done or materials delivered, may be modified or corrected by any subsequent Running Account bills or by the final bill. No certificate(s) of the Engineer-in-Charge supporting an Running Account bill shall itself be conclusive evidence that any work or materials to which it relates is/are in accordance with the Contract.
- 45.6 Should there be a request for extension of Time for Completion, pending its consideration, interim payments shall continue to be made as provided herein.
- 45.7 After receipt of such clarifications / modifications <u>furnished</u> by contractor, as per Clause 45.3 and acceptance thereof by the Employer payment in respect of such withheld items shall be released to the contractor through next Running Account bill.
- 45.8 With respect to material and Plant brought by the Contractor to the Site for incorporation in the Permanent Works, the Contractor shall receive a credit in the month in which these materials and Plant are brought to the Site and be charged a debit in the month in which they are incorporated in the Permanent Works, both such credit and debit to be determined by the Engineer-in-Charge in accordance with the following provisions:
  - (a) no credit shall be given unless the following conditions shall have been met to the Engineer-in-Charge's satisfaction:
    - (i) the materials and Plant are in accordance with the Specifications for the Works;
    - (ii) the materials and Plant have been delivered to the Site and are properly stored and protected against loss, damage, or deterioration;
    - (iii) the Contractor's record of the requirements, order, receipts and use of materials and Plant are kept in a form approved by the Engineer, and such records are available for inspection by the Engineer;
    - (iv) the Contractor has submitted a statement of his cost of acquiring and delivering the materials and Plant to the Site, together with such documents as may be required for the purpose of evidencing such cost;
    - (v) the materials are to be used within a reasonable time;
  - (b) the amount to be credited to the Contractor shall be the equivalent of 75%(seventy five percent) of the Contractor's reasonable cost of materials and Plant delivered to the Site, as determined by the Engineer-in-Charge after review of the documents listed in sub-para (a)(iv) above;

- (c) the amount to be debited to the Contractor for any materials and Plant incorporated into the Permanent Works shall be equivalent to the credit previously granted to the Contractor for such materials and Plant pursuant to Sub-Clause (b) above, as determined by the Engineer-in-Charge.
- 45.9 The Contractor shall be paid 75% (seventy five percent) of the admissible Running Account bill amount, after due recoveries within 14 days of submission of Running Account bill. The balance due amount under the Running Account bill shall be paid to the Contractor within 45 days of submission of bills after due certification by the Engineer-in-charge.
- 45.10 Omissions on the part of the Engineer to pay the amount due upon measurement or otherwise shall neither vitiate nor make the contract void. Further, no claim for interest or damages will be entertained or payable by the Employer upon
  - i). any Bank Guarantee or
  - ii). payments in arrears or
  - iii). any balance which may become due on final settlement/re-conciliation of the account or
  - iv). withheld by the Employer owing to any dispute or difference between the parties.

# **45.11 DELAYED PAYMENT:**

- (i) Deleted
- (ii) In case of non-MSE

All the undisputed payments for the works performed by non-MSEs (non Micro & Small Enterprises) Contractor under the Contract shall be released within forty five days from the receipt of invoice/bills from the Contractor complete in all respect.

In case, payment are not released as mentioned above, the Employer shall pay the principal amount plus simple interest from the date immediately following the date agreed upon @ 6% p.a.

Other than normal payment through NEFT/RTGS directly from NHPC Ltd., the MSME Vendors has an option to avail the TReDS facility. NHPC has registered itself on TReDS platform with M/s A. TREDS Limited, CIN – U74999MH2016PLC281452, Registration no: (Account no): 1000005783, Communication address: A. TREDS Ltd, Ashar IT Park, 11th Floor, Road No: 16Z, Wagle, Industrial Estate, Thane (West) – 400604. The TReDS facilitates financing of Invoices of MSMEs by way of discounting by financiers. MSMEs can upload the invoices in the system and NHPC Ltd. can accept the invoices in the system. Upon NHPC's acceptance, the Banks / NBFCs can discount the invoices and can release the payment directly to the MSMEs. In this regard; MSME Vendors can refer to RBI guidelines available on website of RBI.

# **CLAUSE-46: Deleted.**

# **CLAUSE-47: TAXES, DUTIES AND LEVIES ETC:**

47.1 All existing customs duty, Goods and Service Tax (GST) business taxes, Income tax or any other applicable indirect /direct tax or duty or levy such as royalty, terminal tax, cess that may be levied in accordance with laws and regulation in force as on 28 days before the last date of submission of price bid that the Contractor has to pay on the Contractor's Equipment, Plant, materials and supplies (permanent, temporary and consumables) acquired for the purpose of the Contract and for the

services performed under the Contract shall be payable by the Contractor, and the Employer shall not entertain any claim in this regard. The Contract unit rates shall be deemed to be inclusive of all such taxes, duties, levies etc including those assessed on the Employer. The Contract unit rates shall also be inclusive of GST liability of the Employer on works (service recipient), if any, which shall be recovered from the Contractor. Contract unit rates shall be after taking into account the Input Tax Credit (ITC) and other benefits. Any statutory variation in the rate of aforesaid taxes if any, during the currency of the Contract including extension thereof shall be to the account of Employer provided the amount thus claimed is not paid under price variation clause 46.

Change in advance tax rates of Income Tax and any other direct tax payable to appropriate authorities shall not be construed as a change in the rate(s) of taxes and will not be subject to adjustment.

- 47. 2 However, if a new tax or duty or levy, other than those existing on 28 days before the last date of submission of price bid i.e.----- (date to be entered in Agreement) is imposed in India under a statute or law during the currency of the Contract and the Contractor becomes legally liable thereunder to and actually pays the same for bonafide use on the Works contracted, then the Contractor shall immediately inform the Engineer-in-Charge in this regard. The Employer will reimburse the same to the Contractor on production of satisfactory proof of payment, provided that the amount thus claimed is not paid under Price variation clause 46 of General Conditions of the Contract. Provided always that in the event of variation in the rates of royalty charges/fresh levy of royalty on materials, the same shall be reimbursed to or recovered from Contractor upon submission of satisfactory documentary evidence of having made the payment at revised rates.
- 47.3 The Contractor's staff and labor will be liable to pay personal income taxes in respect of such of their salaries and wages as are chargeable under the laws and regulations for the time being in force, and the Contractor shall perform such duties in regard to such deductions thereof as may be imposed on him by such laws and regulations.
- 47.4 Provided further that, the Contractor shall not be entitled for reimbursement under Sub-clause 47.1 & 47.2 if the changes in the existing tax or duty or levy or imposition of new tax or duty or levy as mentioned in Sub-clause 47.1 & 47.2 pertains to indirect transactions between Contractor and any third party (e.g. Tax(es) on Insurance Premium).
- 47.5 Notwithstanding anything contained elsewhere in the contract, the Employer shall deduct at source from the payment due to the Contractor, the taxes as required to be deducted under applicable Tax Act or Rule. The amounts so deducted shall be deposited by the Engineer-in-charge with the Tax authorities as per Law. Immediately thereafter, the Engineer-in-charge shall inform the Contractor of the detailed calculations of such deductions and shall provide the Contractor with the corresponding receipts from the tax authorities. It is for the Contractor to deal with the Tax authorities directly in respect of any claim or refund relating to the above deductions and the Employer shall not be liable or responsible for any claims or payments or reimbursement in this regard.
- 47.6 Invoices and other documents submitted by contractor for payment under Interim Payment Certificate/Final Payment Certificate, or any other payment under the contract shall be in accordance with the GST Law.
- 47.7 The contractor shall furnish a certificate along with Interim Payment Certificate/ Final Payment Certificate that GST payable by him has been deposited/ will be deposited to Govt. Treasury.

# **CLAUSE-48: PAYMENT OF FINAL BILL:**

The final bill shall be submitted by the Contractor within one month of the date fixed for completion of the Work or of the date the Certificate of Completion furnished by the Engineer-in-Charge. No

further claim in this regard unless as specified herein under shall be entertained. Payment shall be made within 6 months, of the submission of Final bill. The clarification, if any, required on any item of final bill, shall be sought by the EIC within a period of 45 days. The Contractor shall be required to submit his clarifications within next 45 days. If there shall be any dispute about any item or items of the work then the undisputed item or items only shall be paid within the said period of six months. The Contractor shall submit a list of the disputed items within thirty days from the disallowance thereof and if he fails to do so, his claim shall be deemed to have been fully waived and absolutely extinguished. Provided further the Employer shall not be liable to the Contractor for any matter or thing arising out of or in connection with the Contract or execution of the Works, unless the Contractor shall have included a claim in respect thereof in his Final Bill.

# **CLAUSE-49: OVER PAYMENT AND UNDER PAYMENT:**

- 49.1 Whenever any claim whatsoever for the payment of a sum of money to the Employer arises out of or under this Contract against the Contractor, the same may be deducted by the Employer from any sum then due or which at any time thereafter may become due to the Contractor under this Contract and failing that under any other contract with the Employer or from any other sum whatsoever due to the Contractor from the Employer or from his security deposit, or he shall pay the claim on demand.
- 49.2 The Employer reserve the right to carry out post- payment audit and technical examination of the final bill including all supporting vouchers, abstracts, etc. The Employer further reserves the right to enforce recovery of any overpayment when detected, notwithstanding the fact that the amount of the final bill may be included by one of the parties as an item of dispute before an arbitrator appointed under clause 55 of this Contract and notwithstanding the fact that the amount of the final bill figures in the arbitration award.
- 49.3 If as a result of such audit and technical examination any overpayment is discovered in respect of any work done by the Contractor or alleged to have been done by him under the Contract, it shall be recovered by the Employer from the Contractor by any or all of the methods prescribed above, and if any under-payment is discovered, the amount shall be duly paid to the Contractor by the Employer.
- 49.4 Provided that the aforesaid right of the Employer to adjust overpayments against amounts due to the Contractor under any other contract with the Employer shall not extend beyond the period of two years from the date of payment of the final bill or in case the final bill is a MINUS bill, from the date the amount payable by the Contractor under the MINUS final bill is communicated to the Contractor.
- 49.5 Any sum of money due and payable to the Contractor (including the security deposit returnable to him) under the Contract may be withheld or retained by way of lien by the Engineer-in-Charge or Employer against any claim of the Employer or such other person or persons in respect of payment of a sum of money arising out of or under any other contract made by the Contractor with the Engineer-in-Charge or Employer or with such other person or persons.
  - The sum of money so withheld or retained under this clause by the Engineer-in-Charge or Employer will be kept withheld or retained as such by the Engineer-in- Charge or Employer or till his claim arising out of in the same Contract or any other contract is either mutually settled or determined by the arbitrator under Clause 55 hereof, or by the competent court.

# **CLAUSE-50: TRAINING OF APPRENTICES:**

The Contractor shall, during the currency of the Contract, engage and also ensure engagement by his sub-contractor and other employed by the Contractor in connection with the Works, such number of apprentices and in such categories for such periods as may be required under the Apprenticeship

Act 1961 as amended in 2014 and he shall be responsible for all obligations of the Employer under the aforesaid Act, including the liability to make payment to Apprentices as required under the Act.

# CLAUSE-51: CONTRACT MATTERS TO BE TREATED AS CONFIDENTIAL:

- All documents, correspondence, decisions and orders concerning the Contract shall be considered as confidential and/or restricted in nature by the Contractor and he shall not divulge or allow access to them by any unauthorised person.
- The Contractor shall take necessary steps to ensure that all persons employed on any work in connection with this Contract have noted that the Indian Official Secret Act, 1923 (XIX of 1923) applies to them and shall continue so to apply even after the execution of such Works under the Contract.

# **CLAUSE-52: LAWS GOVERNING THE CONTRACT:**

Unless otherwise hereinafter provided, this Contract shall be construed, interpreted and governed by laws of India.

### **CLAUSE-53: PROCEDURE FOR CLAIMS**

- 53.1 Except as otherwise provided in any other provision of the Contract, if the Contractor intends to claim any additional payment pursuant to any Clause of these Conditions or otherwise, he shall give notice of his intention to the Engineer, within 28 days after the event giving rise to the claim has first arisen.
- Upon the happening of the event referred to in Sub-Clause 53.1, the Contractor shall keep such contemporary records as may reasonably be necessary to support any claim he may subsequently wish to make. Without necessarily admitting the Employer's liability, the Engineer-in-Charge shall, on receipt of a notice under Sub-Clause 53.1, inspect such contemporary records and may instruct the Contractor to keep any further contemporary records as are reasonable and may be material to the claim of which notice has been given. The Contractor shall permit the Engineer-in-Charge to inspect all records kept pursuant to this Sub-Clause and shall supply him with copies thereof as and when the Engineer so instructs.
- 53.3 Within 28 days, or such other reasonable time as may be agreed by the Engineer-in-Charge, of giving notice under Sub-Clause 53.1, the Contractor shall send to the Engineer-in-Charge an account giving detailed particulars of the amount claimed and the grounds upon which the claim is based. Where the event giving rise to the claim has a continuing effect, such account shall be considered to be an interim account and the Contractor shall, at such intervals as the Engineer-in-Charge may reasonably require, send further interim accounts giving the accumulated amount of the claim and any further grounds upon which it is based. In cases where interim accounts are sent to the Engineer-in-Charge, the Contractor shall send a final 'account within 28 days of the end of the effects resulting from the event. The Contractor shall, if required by the Engineer-in-Charge so to do, copy to the Employer all accounts sent to the Engineer-in-Charge pursuant to this Sub-Clause.
- 53.4 The Contractor shall be entitled to have included in any interim payment certified by the Engineer-in-Charge pursuant to Clause 45 such amount in respect of any claim as the Engineer-in-Charge, after due approval of the Employer, may consider due to the Contractor provided that the Contractor has supplied sufficient particulars to enable the Employer to determine the amount due. If such particulars are insufficient to substantiate the whole of the claim, the Contractor shall be entitled to payment in respect of such part of the claim as such particulars may substantiate to the

satisfaction of the Employer. The Engineer-in-Charge shall notify the Contractor of any determination made under this Sub-Clause.

# CLAUSE-54: SUM PAYABLE BY WAY OF COMPENSATION TO BE CONSIDERED AS REASONABLE WITHOUT REFERENCE TO ACTUAL LOSS:

All sums payable by way of compensation to the Employer under any of these conditions shall be considered as reasonable compensation without reference to the actual loss or damage sustained and whether or not damage shall have been sustained.

# **CLAUSE -55: SETTLEMENT OF DISPUTES**

### **55.1** Amicable Settlement

55.1.1 If any dispute arises between the Employer and the Contractor arising out of the Contract, whether during the execution of the Works or after their completion and whether before or after the repudiation or after termination of Contract, including any disagreement by either Party with any action, inaction, opinion, instruction, determination, certificate or valuation of the Employer, an attempt shall be made to resolve the matter in dispute amicably.

Any dispute, in respect of which the Employer and the Contractor have failed to reach at an amicable settlement pursuant to GCC Clause 55.1.1, shall be finally settled by reference to Competent Court / Commercial Court of jurisdiction at Faridabad.

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Department(s)/ Organization(s) (excluding disputes related to Railways. Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for its resolution through AMRCD as mentioned in DPE OM No. 05/0003/2019-FTS-10937 dated 14.12.2022 and the decision of AMRCD on the said dispute will be binding on both the parties.

### 55.2 Deleted

55.3 However, any issue or matter relating to tendering stage including negotiations (if any) at that stage which has been mutually agreed and incorporated in the Contract shall not be subject to amicable settlement.

55.4 Deleted.

# CLAUSE 56: DEFECTS LIABILITY CERTIFICATE & UNFULFILLED OBLIGATIONS

The Contract shall not be considered as completed until a Defects Liability Certificate shall have been signed by the Engineer-in-Charge and delivered to the Contractor, stating the date on which the Contractor shall have completed his obligations to execute and complete the Works and remedy any defects therein to the Engineer-in-Charge's satisfaction. The Defects Liability Certificate shall be given by the Engineer-in-Charge within 28 days after the expiration of the Defects Liability Period

Notwithstanding the issue of the Defects Liability Certificate the Contractor and the Employer shall remain liable for the fulfillment of any obligation incurred under the provisions of the

Contract prior to the issue of the Defects Liability Certificate which remains unperformed at the time such Defects Liability Certificate is issued and, for the purposes of determining the nature and extent of any such obligation, the Contract shall be deemed to remain in force between the parties to the Contract.

# **CLAUSE 57: ECOLOGICAL BALANCE**

- 57.1 The Contractor shall be required to ensure that there shall be no indiscriminate felling of trees by him or his labourers or their family members and he will be solely responsible for their acts in this regard. The Contractor shall try to maintain ecological balance by preventing deforestation, water pollution and defacing of natural landscape in the vicinity of work areas. The Contractor shall so conduct his construction operations as to prevent an unnecessary destruction of, scarring or defacing the natural surroundings in the vicinity of the work area. In order to maintain the ecological balance, the Contractor shall specifically observe the following instructions:
  - a) Where unnecessary destruction, scarring, damage or defacing may occur as a result of the Contractor's operation, the same shall be repaired, replanted or otherwise corrected at the Contractor's expense. The Contractor will prevent scattering of rocks and other debris outside the work areas. All work areas shall be smoothed and graded in a manner to conform to the natural appearance of the landscape as directed by the Engineer-in-Charge.
  - b) All trees and shrubs, which are not specifically required to be cleared or removed for construction purposes, shall be preserved and shall be protected from any damage that may be caused by the Contractor's construction operation and equipment. The removal of trees or shrubs will be permitted only after prior approval by the Engineer-in-charge. Special care shall be exercised where trees or shrubs are exposed to injuries by construction equipment, blasting, and excavating, dumping, chemical damage or other operation and the Contractor shall adequately protect such trees by use of protective barriers or other methods approved by the Engineer-in-Charge. Trees shall not be used for anchorage.
  - c) The Contractor's construction activities shall be performed by methods that will prevent entrance or accidental spillage of solid matter contaminants, debris and other objectionable pollutants and wastage into river. Pollutants and wastes shall be disposed of in a manner and at sites approved by the Engineer in-Charge. The Contractor shall fully comply with Water (Prevention and Control of Pollution) Act, 1974 section -33(A).
  - d) In the Conduct of construction activities and operation of equipment, the Contractor shall utilise such practicable methods and devices as are reasonably available to control, prevent and otherwise minimise air pollution. The contractor shall fully comply with Air (Prevention and Control of Pollution) Act, 1981 section -31(A).
  - e) Burning of materials resulting from clearing of tree, bush, combustible construction materials and rubbish may be permitted only when atmospheric conditions for burning are considered favourable.
  - f) The Contractor shall be required to prevent flowing of debris and muck in to the river. Necessary retaining structures like walls/crates etc. shall be constructed for the purpose. The Contractor shall also stabilize the muck fully i.e. consolidation and compaction of the muck shall be carried out in the muck dumpsites before handing it over to the Employer at the end of construction period.
  - g) All the equipment which are likely to generate high noise levels are to be fully equipped (with noise reduction measures) to meet the ambient noise control standards.
- 57.2 Separate payment will not be admissible to the Contractor for complying with the provisions of this clause except the protection work as specially provided for in BOQ. All other costs shall be

deemed to have been included in the items mentioned in the Bill of Quantities. If any provision(s) is not complied with, within a reasonable time even after issue of a notice in this respect, the necessary operations would be carried out by the Engineer-in-charge at the cost of the Contractor.

### **CLAUSE 58: GENERAL**

Save and except as expressly provided elsewhere in this Contract all costs, expenses, charges and liabilities for the completion of the Works in accordance with the Contract and/or for the due and faithful performance and/or the fulfillment of all of the Contractor's obligations under the Contract including furnishing of bank guarantees to the Employer pursuant to the Contract shall be to the account of and be borne by the Contractor and shall be deemed to be included in the unit rates provided for in the Bill of Quantities and the Employer shall not be liable in any manner whatsoever therefore.

Whenever any claim whatsoever for the payment of a sum of money to the Employer arises out of or under this contract against the Contractor, the same may be deducted by the Employer from any sum then due or which at any time thereafter may become due to the Contractor under this Contract and failing, that under any other contract between the Employer and the Contractor or from any other sum whatsoever due to the Contractor from the Employer or from his Security Deposit or he shall pay the claim on demand.

# CLAUSE 59: EMPLOYMENT OF SKILLED/SEMISKILLED WORKERS

The contractor shall at all stages of work, deploy skilled/semi -skilled tradesmen who are qualified and possess certificate in particular trade from CPWD Training Institute /Industrial Training institute/National Institute of construction Management and Research (NJCMAR)/National Academy of Construction, CIDC or any similar reputed and recognized Institute managed/certified by State/ Central Government. The number of such qualified tradesmen shall not be less than 20% of total skilled/semi- skilled workers required in each trade at any stage of work.

The contractor shall submit number of man days required in respect of each trade, it's scheduling and the list of qualified tradesmen along with requisite certificate from recognized Institute to Engineer in charge for approval. Notwithstanding such approval, if the tradesmen are found to have inadequate skill to execute the work of respective trade, the contractor shall substitute such tradesmen within two days of written notice from Engineer-in- Charge. Failure on the part of contractor to obtain approval of Engineer-in-Charge or failure to deploy qualified tradesmen will attract a compensation to be paid by contractor at the rate of R.s. 100 per such tradesman per day. Decision of Engineer in Charge as to whether particular tradesman possesses requisite skill and amount of compensation in case of default shall be final and binding.

Provided always, that the provisions of this clause, shall not be applicable for works with estimated cost put to tender being less than Rs. 5 crores."

# SPECIAL CONDITION OF CONTRACT

These conditions are to be read in conjunction with General Conditions of Contract (GCC) of NHPC and in case of any discrepancy or conflict between the two; the provisions contained herein shall prevail.

# 1. Scope of Work:

- a) The scope of work includes Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.
- b) The work is required to be completed within stipulated time of 03 months. All resources are to be deployed accordingly to ensure the completion of the work on time, otherwise penalty shall be levied as per relevant contract clauses.
- c) Contractor shall arrange his own accommodation for his employees. No accommodation shall be provided to stay in the NHPC office Complex during day /night/off days.
- d) Bidders are advised to visit the site before submission of their bid.

# 2. Payment on account:

2.1 Contractor will pay at least minimum wages of central government to workers engaged in the work. Payment will be regulated in terms of relevant GCC clauses. The contractor shall provide the proof of deposit of the PF contribution of the employees engaged in the work along with the copies of wage sheets of the period for which the RA bill is being paid.

# 2.2 Water charges:

The water for construction is to be arranged by the Contractor. However, if available, water may be supplied by the employer at a fixed point, on chargeable basis @1% of contract prices which shall be deducted from RA Bills.

# 3. Refund of Security Deposit:

As per the applicable GCC clause.

# 4. Electricity:

During the execution of work, power is required to be arranged by the contractor. The contractor shall keep acoustic DG Set of adequate capacity to meet their power requirement. However, power may be provided by the employer on chargeable basis.

- 5. The Contractor shall ensure that his staff members & workers shall not be in a state of intoxication and shall abide by any law relating to consumption & possession of intoxicating drinks or drugs in force. Awareness about local laws on this issue shall form part of the induction training by the Contractor.
- **6.** The Contractor shall provide and maintain all temporary services on or about the site required for satisfactory execution of the works abiding by his obligations and shall remove them on completion to the satisfaction of the Engineer-in-Charge.

- 7. In case of non-submission of Performance Security, Security Deposit shall be deducted from initial payments due to the Contractor. In case of shortfall in security deposit amount, the same may be adjusted/recovered from payment due to the contractor.
- **8.** Paying Authority: DGM (Fin)/ Group Sr . Manager (Finance)/Sr. manager (Finance), Misc. bills, NHPC Ltd. shall be paying authority for the work.
- 9. Engineer in- Charge: DGM (Civil), EMS Division or his authorized representative shall be Engineer in Charge for this work.

# Annexure-I

Deleted

# HINDRANCE REGISTER Refer Clause 39.2 of GCC

NAME OF PROJECT: _	
1. Name of Work:	
2. Agreement No.	
3. Executing Agency:	

Sl.	Nature/	Item/Compon	Date of	Date of	Overla	Net	Signature	Signatu	Rem
No.	Reason	ent of works	Start of	removal	pping	Hindr	of	re of	arks
	of	which could	Hindra	of	period	ance	Engineer's	Contra	
	Hindra	not be	nce	Hindran	(if any)	in	Represent	ctor	
	nce	executed on		ce		days	ative		
		account of							
		this							
		Hindrance							
1	2	3	4	5	6	7	8	9	10

# **Schedules**

**Schedule of Quantities and Prices** Schedule-A

Issue of Departmental materials to the Contractor **Schedule-B** 

**Compensation for delay Schedule-C** 

Schedule for chargeable interest rates against advances, **Schedule-D** 

completion time, defect liability period, percentages of various components for price variation/adjustment

# **SCHEDULE-A**

# GENERAL SUMMARY ABSTRACT

# SCHEDULE OF QUANTITIES AND PRICES (BILL OF QUANTITIES)

Separate 'Schedule of Quantities and Price (Bill of Quantities)' attached as Section-VI of Bid document and shall be filled by the Bidder in E-Tendering mode (Online) only.

Signature of Bidder

# SCHEDULE - B

# ISSUE OF DEPARTMENTAL MATERIALS TO THE CONTRACTOR

(Refer Clause 23 of General Conditions of Contract)

Sl. No.	Particulars of materials to be issued.	Unit	Stock Issue Rate (Rs.)	Place of issue.
	NIL			

# Note:

Remarks: Penal recovery rate in case of excess consumption of materials shall be 25% more than the prevailing stock issue rates at the time of invitation of bids. Depending upon time required for award works as well as duration of construction period for the work in question the escalation factor shall be duly accounted for while working out the penal recovery rate.

Penal recovery rate shall be filled in by the Project at the against each of the material to be issued free of cost by the Employer and the above remarks be deleted in the Bid document.

# **SCHEDULE-C**

# SCHEDULE FOR ACHIEVEMENT OF WORK AND COMPENSATION FOR DELAY

(Refer Clause-40 of General Conditions of Contract)

Sl.	<b>Description Mile Stones</b>	Schedule	Compensation for delay
No.	•	completion period	
		from the date of	
		issue of Letter of	
		Award.	

Completion of works as a whole	o3 Months from the date as notified in the letter of Acceptance	0.035% of Contract Price per day of Delay subject to maximum 10% (Ten Percent) of Contract Price.
	(LoA)	
	Completion of works as a whole	from the date as notified in the letter of

# SCHEDULE - D

Schedule for chargeable interest rates against advances, completion time, defect liability period, percentages of various components for price variation/adjustment

S. NO.	CLAUSE No.	DESCRIPTION	STIPULATION
1	3.2	Performance Security Deposit	2% of Contract Price
2	3.3	Retention Money	3% of Contract Price
3	13.1.1	Mobilization Advance Limit	Deleted
	13.1.1 (i)	Simple interest per Annum on Mobilization Advance	Deleted
	13.1.1 (ii)	Initial limit	Deleted
4	13.1.2	Advance for Construction Equipment limited to	Deleted
	13.1.2 (i)	Simple interest per Annum on sum advanced for purchase of new equipment	Deleted
5	13 of ITB	Earnest Money Deposit	Rs. 12,000/- (Rupees
			Twelve Thousand Only)
6	10.2 of ITB	Tenders invited on	Item Rate Method
7	10.2 of ITB	Schedule of Rate applicable	As per BOQ
8	18.2, (iii) GCC	Contractor's Overheads, Profits, and Supervision Charges	15 Percent
9	34.4(a)	An addition to Contract Price to account for the materials which is to be issued to the Contractor free of cost by the Employer	Deleted
	34.4(b)	Deductibles: 5% of each loss subject to minimum of Rs	Deleted
10	34.9 GCC	Public Liability Limits plus Property Liability Limits not exceeding	10% of Contract Sum
11	39.1	Time allowed for execution of the Work as a whole	<b>03 Months</b> from the date of start mentioned in LOA.
12	43	Defects Liability Period	12 months from the date of completion
13	45.7	Interest Rate for Delayed Payment	Deleted
14	46.1	Price Adjustment/Variation	Deleted

# **SECTION V: FORMS**

# **Table of Contents**

# Form. No. Description 1. Agreement Form 2. Bank Guarantee format for Performance Security. 3. DELETED 4. Bank Guarantee format for Release/Payment of Retention Money.

# FORM-1 AGREEMENT FORM

(To be executed on non-judicial Stamp paper of appropriate value)

# **AGREEMENT**

the NHP NHPC C the 'Own the 'Emp administ under th	cement is made on day of Two Thousand between C LIMITED, registered under the Laws of India and having its registered Office at Office Complex, Sector-33, Faridabad (Haryana)-121 003. (hereinafter reffered to as er' which expression shall unless repugnant to the context or meaning thereof, called loyer' which expression shall unless repugnant to the subject or context include its rators, successors and assigns) of the one part and M/s registered e Act and having its principal / registered office at (herein after called "the Contractor" which expression shall unless at to the context or meaning thereof, include its successors and permitted assigns) of
the other	
viz: Contracto	AS the Employer is desirous that certain Works should be executed by the Contractor and has accepted the Bid of the or for the execution and completion of such Works and the remedying of any defects the cost of RS (Rupees).
NOW TI	HIS AGREEMENT WITNESSETH as follows:
	n this Agreement, words and expressions shall have the same meanings as are espectively assigned to them in the Conditions of Contract hereinafter referred to.
	the following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
a)	the Agreement
b)	the Letter of Acceptance issued by Employer;
c)	the Special Conditions of Contract
d)	the General Conditions of Contract (GCC);
e)	the Technical Specifications;
f)	the Schedule of Quantities and Price(Bill of Quantities);
g)	the Tender Drawings;
h)	the Information for Bidder(s)
i)	the Safety Manual.
j)	any other document forming part of the Contract

accordance with the provisions of the Contract.

In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy the defects therein in conformity in all respect in

3.

and sucl	completion of the works and rem	y the Contractor in consideration of the execution nedying of defects therein the Contract Price or e under the provisions of the Contract at the time ontract.
	ess whereof the parties hereto hav r first before written, at	e caused this Agreement to be executed the day (name of place).
The Co	mmon Seal of	was
hereunt	o affixed in the presence of:	
For and on	behalf of the Contractor	For and on behalf of NHDC Limited
Signature		Signature
(Designation	n)	(Designation)
Place:		Place:
Witnessed	by:	Witnessed by:
Name & A	ddress	Name & Address

### FORM-2

# BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

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

Bank Guarantee No
Date
To,
[Employer's Name & Address]
Dear Sirs,
In consideration of the [Employer's Name] (hereinafter referred to as the 'Employer's Name)
which expression shall unless repugnant to the context or meaning thereof, include its
successors, administrators and assigns) having awarded to M/s[Contractor',
Name] (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
Employer's Letter of Acceptance No dated and the same having been acknowledged by the contractor, for[Contract sum in figures and words] for
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 Employer.
We
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 Employer, on demand any and al
monies payable by the Contractor to the extent of(*)
any time upto
reservation, contest, recourse or protest and/or without any reference to the Contractor. Any
such demand made by the Employer on the Bank shall be conclusive and binding
notwithstanding any difference between the Employer and the Contractor or any dispute
pending before any Court, Tribunal, Arbitrator or any other authority. The Bank undertaken
not to revoke this guarantee during its currency without previous consent of the Employer and
further agrees that the guarantees herein contained shall continue to be enforceable till the
Employer discharges this guarantee or till(+)[days/month/year] whicheve
is earlier.
The Employer 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 Contrac
by the Contractor. The Employer 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

by the Contractor. The Employer 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 Employer and the Contractor or any other course or remedy or security available to the Employer. The Bank shall not be released of its obligations under these presents by any exercise by the Employer 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 Employer or any other indulgence shown by the Employer 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 declares that this Bank Guarantee is issued by the Bank, utilizing the credit limit of M/s ......(name of contractor) and also agrees that the Employer 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 Contractor and notwithstanding any security or other guarantee the Employer may have in relation to the Contractor's liabilities.

i)	Our	•			Bank	Guarantee	shall	not	exceed
ii)	This E	_(*) Bank Guaran			upto	(+)			
iii)	We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if Employer serves upon Bank a written claim or demand or or before(@)								
Dated	this		day of	f2	20	at			
WITN	ESS					(G:			
•••••	(Signa	ature)				(Signature)	)	••••••	
••••••	(Name	e)				(Name)			•••
	(Offic	ial Address)			sta	(Designation ff Authority no		ank Sta	 mp)/with
		Complete	Address of	f the Ba	nk with T	ele-Fax			
		(d) <b></b>				0() 01 0			

- **Notes: 1**. (\*) This sum shall be two percent (2%) of the Contract Price denominated in the types and proportions of currencies.
  - (@) This date will be Ninety (90) days beyond the Defects liability Period as specified in the Contract.
  - (+) This date will be the date of issue of Defects Liability Certificate.
- 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.

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 shall be got confirmed through any Indian Scheduled/Nationalized Bank.

- 4. Bank Guarantee is required to be submitted directly to the Employer by the issuing bank (on behalf of Contractor) under registered post (A.D.). The Contractor can submit an advance copy of Bank Guarantee to the Engineer.
- 5. The issuing bank shall write the name of bank's controlling branch/ Head Office along with contact details like telephone/ fax and full correspondence address in order to get the confirmation of BG from that branch/ Head office, if so required.

# FORM-3

Deleted

# FORM-4

# BANK GUARANTEE FORM FOR RELEASE / PAYMENT OF RETENTION **MONEY**

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

Тс	Bank Guarantee No Date
[E	mployer's Name & Address]
1.	We[Name and address of the Bank] having our Registered/Head Office at
2.	We, the Bank also do hereby agree to pay unequivocally and unconditionally immediately on demand, in writing, from the Employer, of any amount upto and not exceeding[amount] to the Employer for any purpose or cause or on any account whatsoever under the provisions of the Contract in which respect the decision of the Employer shall be final and binding on us.
3.	We, the Bank, further agree that this guarantee shall be valid and binding on us upto and including(@)and shall not be terminable by notice or any change in the constitution of the said Bank or the Contractor or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations made, given conceded, or agreed with or without our knowledge or consent, by or between the parties to the Contract.
4.	We also undertake not to revoke this guarantee during its currency except with the previous consent, in writing, of the Employer.
5.	Our liability under this guarantee is restricted to
6.	The Bank declares that this Bank Guarantee is issued by the Bank, utilizing the credit limit

of M/s .....(name of contractor) and also agrees that the Employer 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 Contractor and notwithstanding any security or other guarantee the Employer may have in relation to the Contractor's liabilities

In the presence of	
Witness	For and on behalf of the Bank with Staff Authority No.
	Bank's common seal with complete address including Tel./fax. Nos.
Dated thisday of	20

### **Notes:**

- 1. (\*) This sum shall be three percent (3%) of the Accepted Contract Amount denominated in the types and proportions of currencies.
  - (@) This date will be Ninety (90) days beyond the issue of Defects liability Certificate as specified in the Contract.
- 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.

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 shall be got confirmed through any Indian Scheduled/Nationalized Bank.

- 3. Bank Guarantee is required to be submitted directly to the Engineer by the issuing bank (on behalf of Contractor) under registered post (A.D.). The Contractor can submit an advance copy of Bank Guarantee to the Engineer.
- 4. The issuing bank shall write the name of bank's controlling branch/ Head Office along with contact details like telephone/ fax and full correspondence address in order to get the confirmation of BG from that branch/ Head office, if so required.

# FORM-5

# **ECS**

# N.H.P.C. Limited.

# ELECTRONIC CLEARING SERVICE (CREDIT CLEARING) (PAYMENT TO PARTIES THROUGH CREDIT CLEARING MECHANISM)

		IN	o. :										
1.	BIDDER'S NAME	:											
	Address	:	_										
			_										
	Phone/Mobile No.	:											
2.	PERTICULARS OF BANK ACCOUNT	:	_										
A.	BANK NAME	:	_										
В.	BRANCH NAME												
	Address	:	_										
	Telephone No.	:	_										
C.	IFSC code of the Bank	:											
	(For payments through RTGS)												
D.	ACCOUNT TYPE	:											
	(S.B. Account/Current Account or Cash Credit with Code 10/11/13)												
E.	ACCOUNT NUMBER	:	_										
	(As appearing on the Cheque Book)												
delay	eby declared that the particulars given aboved or not effected at all for reasons of inconser Company responsible.			inc	orre	ect	info	rma	ıtioı	n, I	wo	uld	not hole
Date:				(									)
					S	ign	atur	e of	the	Bi	dde	r	
Certi	fied that the particulars furnished above are	e correct	as	pe	r ou	r r	ecor	ds.					
(Banl	c's Stamp)			`			••••						,
Dota					_		ure o cial						
Date:					C	111י	cial	1101	11 (1	ie B	anl	Š.	

# **SECTION-VI**

# **Schedule-A**

# Schedule of Quantities and Prices (Bill of Quantities)

# Schedule of Quantities and Prices (Bill of Quantities) (Schedule-A)

**Price Schedule for** "Construction of Toilet block at the Camp Office of Hon'ble Minister of State for Power & H.I. at 1301, Sector-28, Faridabad, Haryana.".

Sl. No	Item No.	Item Description	Unit	Quantity	Rate including	Amount including
1.	1.00	Civil works			GST (Rs.)	GST (Rs.)
2.	1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	Cum	2.78		
3.	2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from naturalsources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	2.87		
4.	3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	Cum	0.77		
5.	4	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels,bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering,finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate	Cum	3.65		
6.	5	Brick work with common burnt clay F.P.S. (non modular) bricks of class	Cum	7.57		

		Assignation 7.5 in form dation and alimit			
		designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6			
		coarse sand)			
7.	6	Half brick masonry with common burnt			
'	O	clay F.P.S. (non modular) bricks of			
		class designation 7.5 in superstructure			
		above plinth level up to floor V	Sqm	10.08	
		level.Cement mortar 1:4 (1 cement :4			
		coarse sand)			
8.	7	Steel reinforcement for R.C.C. work			
6.	,	including straightening, cutting,			
		bending, placing in position and			
		binding all complete above plinth level.	Kg	663.63	
		Thermo-Mechanically Treated bars of			
		grade Fe-500D or more.			
9.	8	Centering and shuttering including			
-	Ü	strutting, propping etc. and removal of			
		form			
10.	i	Suspended floors, roofs, landings,	~	2.24	
		balconies and access	Sqm	3.34	
11.	ii	Columns, Pillars, Piers, Abutments,	C	26.60	
		Posts and Struts	Sqm	26.69	
12.	9	12 mm cement plaster of miix 1:4 ( 1	Sqm	32.93	 
		cement :4 Fine sand )	Sqiii	32.93	
13.	10	Providing wood work in frames of			
		doors, windows, clerestory windows			
		and other frames, wrought framed and			
		fixed in position with hold fast lugs or	Cum	0.31	
		with dash fasteners of required dia &	Cum	0.51	
		length (hold fast lugs or dash fastener			
		shall be paid for separately). Second			
		class teak wood			
14.	11	Providing and fixing ISI marked flush			
		door shutters conforming to IS: 2202			
		(Part I) non-decorative type, core of			
		block board construction with frame of			
		1st class hard wood and well matched	Sqm	6.30	
		commercial 3 ply veneering with	•		
		vertical grains or cross bands and face			
		veneers on both faces of shutters: 35			
		mm thick including ISI marked			
15.	12	Stainless Steel butt hinges.			
13.	12	Providing and fixing panelling or paneling and glazing in panelled or			
		panelled and glazed shutters for doors,			
		windows and clerestory windows ( area			
		of opening for panel inserts excluding			
		portion inside grooves or rebated to be			
		measured). Panelling for panelled and	Sqm	1.80	
		glazed shutters 25mm to 40mm thick:			
		Pre-laminated with decorative			
		lamination on both side exterior Grade			
		- I MDF Board 12 mm thick confirming			
		to IS:14587			
16.	13	Extra for providing frosted glass panes			
	-	4 mm thick instead of ordinary float	C	1 000	
		glass panes 4 mm thick in doors,	Sqm	1.800	
		windows and clerestory window			

		1 (4		I	I	<u> </u>
		shutters. (Area of opening for glass				
		panes excluding portion inside rebate				
		shall be measured.				
17.	14	Providing and fixing aluminium sliding				
		door bolts, ISI marked anodised (anodic				
		coating not less than grade AC 10 as per	F 1			
		IS: 1868), transparent or dyed to	Each	4		
		required colour or shade, with nuts and				
		screws 300X16 mm				
18.	15	Providing and fixing aluminium tower				
10.	13	bolts, ISI marked, anodised (anodic				
		coating not less than grade AC 10 as per	г 1	0.00		
		IS: 1868) transparent or dyed to	Each	8.00		
		required colour or shade, with				
		necessary screws etc. complete:150x10				
		mm				
19.	16	Providing and fixing aluminium				
		handles, ISI marked, anodised (anodic				
		coating not less than grade AC 10 as per				
		IS: 1868) transparent or dyed to	Each	16.00		
		required colour or shade, with				
		necessary screws etc. complete: 125				
		mm				
20.	17	6 mm cement plaster of mix : 1:3 (1				
20.	1 /	cement : 3 fine sand)	Sqm	14.00		
21	10	-				
21.	18	Finishing with Deluxe Multi surface				
		paint system for interiors and exteriors				
		using Primer as per manufacturers	~	4500		
		specifications: Two or more coats	Sqm	46.93		
		applied on walls @ 1.25 ltr/10 sqm over				
		and including one coat of Special				
		primer applied @0.75 ltr /10 sqm				
22.	19	Finishing with Deluxe Multi surface				
		paint system for interiors and exteriors				
		using Primer as per manufacturers				
		specifications: Painting wood work				
		with Deluxe Multi Surface Paint of	Sqm	1.80		
		required shade. Two or more coat	oqiii	1.00		
		applied @ 0.90 ltr/10 sqm over an under				
		coat of primer applied @0.75 ltr/10 sqm				
	20	of approved brand and manufacture.				
23.	20	Providing and applying white cement				
		based putty of average thickness 1 mm,				
		of approved brand and manufacturer,	Sqm	46.93		
		over the plastered wall surface to	Sqiii	10.73		
		prepare the surface even and smooth				
		complete.				
24.	21	Providing and fixing Ist quality ceramic				
		glazed wall tiles conforming to IS:				
		15622 (thickness to be specified by the				
		manufacturer), of approved make, in all				
		colours, shades except burgundy, bottle				
		green, black of any size as approved by	Sqm	51.30		
			Sqiii	31.30		
		Engineer-in-Charge, in skirting, risers				
		of steps and dados, over 12 mm thick				
		bed of cement mortar 1:3 (1 cement :				
		3coarse sand) and jointing with grey				
		cement slurry @ 3.3kg per				
		140				

					I	I
		sqm,including pointing in white cement				
		mixed with pigment of matching shade				
		complete.				
25.	22	Providing and laying vitrified floor tiles				
		in different sizes (thickness to be				
		specified by the manufacturer) with				
		water absorption less than 0.08% and				
		conforming to IS: 15622, of approved				
		make, in all colours and shades, laid on	Sqm	7.29		
		20mm thick cement mortar 1:4 (1	- 1	,		
		cement: 4 coarse sand), jointing with				
		grey cement slurry @ 3.3 kg/ sqm				
		including grouting the joints with white				
		cement and matching pigments etc.,				
		complete. Size of Tile 600x600 mm				
26.	23	Providing and fixing Chlorinated				
20.	23					
		Polyvinyl Chloride (CPVC) pipes,				
		having thermal stability for hot & cold				
		water supply, including all CPVC plain				
		& brass threaded fittings, i/c fixing the				
		pipe with clamps at 1.00 m spacing.				
		This includes jointing of pipes &				
		fittings with one step CPVC solvent				
		cement and the cost of cutting chases				
		and making good the same including				
		testing of joints complete as per				
		direction of Engineer in Charge.				
		Concealed work, including cutting				
		chases and making good the walls				
27.	i)	20 mm nominal dia Pipes	metre	30		
28.	ii)	20 mm nominal dia Pipes 25mm nominal dia Pipes	metre metre	30 50		
	i) ii) 24	20 mm nominal dia Pipes 25mm nominal dia Pipes Providing and fixing soil, waste and		50		
28.	ii)	20 mm nominal dia Pipes 25mm nominal dia Pipes				
28.	ii)	20 mm nominal dia Pipes 25mm nominal dia Pipes Providing and fixing soil, waste and	metre	50		
28. 29.	ii) 24	20 mm nominal dia Pipes 25mm nominal dia Pipes Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B	metre	50		
28.	ii)	20 mm nominal dia Pipes 25mm nominal dia Pipes Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B Providing and fixing vitreous china	metre	50		
28. 29.	ii) 24	20 mm nominal dia Pipes 25mm nominal dia Pipes Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B Providing and fixing vitreous china dual purpose closet suitable for use as	metre	50		
28. 29.	ii) 24	20 mm nominal dia Pipes 25mm nominal dia Pipes Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water	metre	50		
28. 29.	ii) 24	20 mm nominal dia Pipes 25mm nominal dia Pipes Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with	metre	50		
28. 29.	ii) 24	20 mm nominal dia Pipes 25mm nominal dia Pipes Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges	metre	50		
28. 29.	ii) 24	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level	metre	50		
28. 29.	ii) 24	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and	metre	50		
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28. 29.	ii) 24	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of	metre	50 45		
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28. 29.	ii) 24	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design	metre	50 45		
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28. 29.	ii) 24	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:	metre	50 45		
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28. 29.	ii) 24	20 mm nominal dia Pipes  25 mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid	metre	50 45		
28. 29.	ii) 24	20 mm nominal dia Pipes  25 mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing	metre	50 45		
28. 29.	ii) 24 25	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.	metre	50 45		
28. 29.	ii) 24	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.  Providing and Fixing white vitreous	metre	50 45		
28. 29.	ii) 24 25	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.  Providing and Fixing white vitreous china flat back half stall urinal of size	metre	50 45		
28. 29.	ii) 24 25	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.  Providing and Fixing white vitreous	metre metre	50 45 2		
28. 29. 30.	ii) 24 25	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.  Providing and Fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC	metre	50 45		
28. 29. 30.	ii) 24 25	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.  Providing and Fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings,	metre metre	50 45 2		
28. 29.	ii) 24 25	20 mm nominal dia Pipes  25mm nominal dia Pipes  Providing and fixing soil, waste and vent pipes 110 mm dia UPVC SWR pipes conforming IS I mark - Type B  Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.  Providing and Fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC	metre metre	50 45 2		

C.P. brass) with waste fitting as per IS: 2556, C.L. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required: Single half stall urinal with 5 litre P.V.C. automatic flushing cistern  32. 27 Providing and fixing wash basin with C.L. brackets, 15 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x460 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:931 15 mm mominal bore  35. 30 Providing and fixing S mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing pulsaticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing foot450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass serews and washers complete.  38. 33 Providing and fixing foot450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass serews with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality complete whith fixing C.P. brass bib cock of approved quality complete on fixing C.P. brass bib cock of approved quality complete on fixing C.P. brass bib cock of approved quality complete on fixing C.P			1	T		T	
other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required: Single half stall urinal with 5 litre P.V.C. automatic flushing cistern  32. 27 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS.8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  38. 33 Providing and fixing provided provided to wooden cleats with C.P. brass screws and washers complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, with 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to Isach and as per the direction of Engineer-in-charge.  40. 35 Providing and fixing G.P Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.			C.P. brass) with waste fitting as per IS:				
painting of fittings and cutting and making good the walls and floors wherever required: Single half stall urinal with 5 littre P.V.C. automatic flushing cistern  32. 27 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap reception of pipes and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS.893 1 I Smm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eurcopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing lo00x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws and washers complete.  38. 31 Providing and fixing c.P. brass screws and washers complete.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to Each 2 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2			2556, C.I. trap with outlet grating and				
painting of fittings and cutting and making good the walls and floors wherever required: Single half stall urinal with 5 littre P.V.C. automatic flushing cistern  32. 27 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap reception of pipes and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS.893 1 I Smm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eurcopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing lo00x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws and washers complete.  38. 31 Providing and fixing c.P. brass screws and washers complete.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to Each 2 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2 make and as per the direction of Each 2			other couplings in C.P. brass, including				
making good the walls and floors wherever required: Single half stall urinal with 5 litre P.V.C. automatic flushing cistern  32. 27 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eurocopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  38. 33 Providing and fixing found fixed to wooden cleats with C.P. brass screws and washers complete with om thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing TTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS.8931: 15 mm nominal bore  40. 35 Providing and fixing C.P brass bib cock of approved quality conforming to IS.8931: 15 mm nominal bore  41. 36 Providing and fixing 600x120x5 mm							
wherever required: Single half stall urinal with 5 litre P.V.C. automatic flushing cistern  32. 27 Providing and fixing wash basin with taps, 32 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap m.C.P. brass pillar tap providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing tap m.C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS.8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eurcepean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws and washers complete.  38. 31 Providing and fixing C.P. brass bib cock of approved quality conforming to IS. which was a proved guality of 8 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS. S.S. S.S. S.S.S.S.S.S.S.S.S.S.S.S.S							
urinal with 5 litre P.V.C. automatic flushing cistern  32. 27 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to 18:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing do00x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws and washers complete.  39. Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws and washers complete.  39. 34 Providing and fixing C.P. brass bib cock of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to 18:28931:15 mm nominal bore  40. 35 Providing and fixing C.P. brass bib cock of approved quality conforming to 18:28931:15 mm nominal bore  41. 36 Providing and fixing do0x120x5 mm							
Seach   Seac							
32.   27   Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap   33.   28   Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.   34.   29   Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to B.8931 15mm nominal bore   Each   2     35.   30   Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in charge.   36.   31   Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.   37.   32   Providing and fixing polyation washers complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.   38.   33   Providing and fixing footwashers complete with brackets fixed to wooden cleats with C.P. brass screws and washers complete.   Each   2     38.   33   Providing and fixing footwashers complete with brackets fixed to wooden cleats with C.P. brass screws and washers complete.   Each   2     39.   34   Providing and fixing C.P. brass bib cock of approved quality and colour. 600 mm long tower lail with total length of 655 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.   Seach   2     39.   34   Providing and fixing C.P. brass bib cock of approved quality conforming to IS.8931: 15 mm nominal bore   Each   2     40.   35   Providing and fixing C.P. brass bib cock of approved quality conforming to IS.8931: 15 mm nominal bore   Each   2     40.   36   Providing and fixing C.P. brass bib cock of approved quality conforming to IS.8931: 15 mm nominal bore   Each   2     41.							
C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing E.D. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eurcopean type W.C. of quality and make as approved by Engineer - in - charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 31 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore  40. 35 Providing and fixing C.P. Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing C.P. Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.							
taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS.8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brass screws and washers complete.  38. 34 Providing and fixing PTMT towel rail conjucted fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore  40. 35 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore  41. 36 Providing and fixing 600x120x5 mm	32.	27	Providing and fixing wash basin with				
taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS.8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brass screws and washers complete.  38. 34 Providing and fixing PTMT towel rail conjucted fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore  40. 35 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore  41. 36 Providing and fixing 600x120x5 mm			C.I. brackets, 15 mm C.P. brass pillar				
standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 5030450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing of00x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bit cock of approved quality conforming to IS:8931:15 mm nominal bore  40. 35 Providing and fixing C.P. brass bit cock of approved quality conforming to IS:8931:15 mm nominal bore  41. 36 Providing and fixing C.P. brass bit cock of approved quality conforming to IS:8931:15 mm nominal bore  42 Each  43 Providing and fixing C.P. brass bit cock of approved quality conforming to IS:8931:15 mm nominal bore			taps, 32 mm C.P. brass waste of				
fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:15 mm nominal bore  40. 35 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:15 mm nominal bore  41. 36 Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm							
making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eurcopean type W.C. of quality and make as approved by Engineer - in - charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:15 mm nominal bore  40. 35 Providing and fixing C.P. brass 22 mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm				Fach	2		
require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15 mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS.8931 : 15 mm nominal bore  40. 35 Providing and fixing C.P. Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm				Lacii	_		
basin size 630x450 mm with a single 15 mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS.8931 I5mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P brass screws with concealed fittings arrangement of approved quality and colour. 6000 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS.8931 : 15 mm nominal bore  40. 35 Providing and fixing C.P. brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm							
mm C.P. brass pillar tap  33. 28 Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore  40. 35 Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm							
28							
china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.  34. 29 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore  40. 35 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore  41. 36 Providing and fixing fo00x120x5 mm							
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Second Completely recessed at the back for the reception of pipes and fittings.			1	Each	2		
reception of pipes and fittings.   29			completely recessed at the back for the	Lach			
34.   29   Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore   S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in charge.   36.   31   Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.   Each   2     37.   32   Providing and fixing foots of much beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.   Each   2     38.   33   Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.   Each   2     39.   34   Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:15 mm nominal bore   Each   4     40.   35   Providing and fixing C.P. brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.   Each   2			1 1				
valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore  35. 30 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eurcopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:15 mm nominal bore  40. 35 Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm	34	29					
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35.   30   Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge.    36.   31   Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.   37.   32   Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.    38.   33   Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.    39.   34   Providing and fixing C.P. brass bib cock of approved quality conforming to IS.8931: 15 mm nominal bore    40.   35   Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.    41.   36   Providing and fixing 600x120x5 mm   Each   2							
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long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:15 mm nominal bore  40. 35 Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm Each 2	35.	30					
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Eureopean type W.C. of quality and make as approved by Engineer - in - charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:15 mm nominal bore  40. 35 Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm Fach 2			long with S.S. triangular plate to	Fach	2		
charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore  40. 35 Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm Fach 2			Eureopean type W.C. of quality and	Lacii	2		
charge.  36. 31 Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.  37. 32 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.  38. 33 Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.  39. 34 Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore  40. 35 Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm Fach 2			make as approved by Engineer - in -				
36.   31   Providing and fixing uplasticised PVC connection pipe with brass unions: 45 cm length 15 mm nominal bore.   37.   32   Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.   38.   33   Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.   39.   34   Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:15 mm nominal bore   40.   35   Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.   41.   36   Providing and fixing 600x120x5 mm   Fach   2			1				
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make and as per the direction of Each 2 Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm Fach 2	10.	55					
Engineer-in-charge.  41. 36 Providing and fixing 600x120x5 mm Fach 2				Each	2		
41. 36 Providing and fixing 600x120x5 mm Fach 2							
	4.1	26					
glass shelf with edges round off,	41.	36		Each	2		
			glass shelf with edges round off,				

				I			
		supported on anodised aluminium angle					
		frame with C.P. brass brackets and					
		guard rail complete fixed with 40 mm					
10	27	long screws, rawl plugs etc., complete.					
42.	37	Constructing brick masonry chamber					
		for underground C.I. inspection					
		chamber and bends with bricks in					
		cement mortar 1:4 (1 cement : 4 coarse					
		sand) C.I. cover with frame (light duty)					
		455x610 mm internal dimensions, total					
		weight of cover with frame to be not					
		less than 38 kg (weight of cover 23 kg					
		and weight of frame 15 kg), R.C.C. top					
		slab with 1:1.5:3 mix (1 cement : 1.5					
		fine sand : 3 graded stone aggregate 20					
		mm nominal size), foundation concrete	E1-	2			
		1:5:10 (1 cement : 5 fine sand : 10	Each	3			
		graded stone aggregate 40 mm nominal					
		size), inside plastering 12 mm thick					
		with cement mortar 1:3 (1 cement : 3					
		coarse sand), finished smooth with a					
		floating coat of neat cement on walls					
		and bed concrete etc. complete as per					
		standard design: Inside dimensions					
		500x700 mm and 45 cm deep for pipe					
		line with one or two inlets: With					
		common burnt clay F.P.S. (non					
		modular) bricks of class designation 7.5					
43.	38	Providing and placing on terrace (at all					
		floor levels) polyethylene water storage					
		tank, IS: 12701 marked, with cover and					
		suitable locking arrangement and	per	1000			
		making necessary holes for inlet, outlet	litre				
		and overflow pipes but without fittings					
		and the base support for tank.					
44.	39	Providing and fixing PPR Unions -PPR					
		Union 25 mm	Each	4			
45.	40	Providing and fixing gun metal gate					
		valve with C.I. wheel of approved					
		quality (screwed end): 25 mm nominal	Each	2			
		bore					
46.	41	Providing and fixing ball valve (brass)					
		of approved quality, High or low					
		pressure, with plastic floats complete:	Each	1			
		25 mm nominal bore					
47.	42	Providing and fixing Curved shaped					
'''	12	urinal partition with 8 mm thick frosted					
		glass, Chrome finish, size 900X450	Each	1			
		mm including clamps etc. complete	Lucii	1			
		Jaquar or equivalent make					
48.	2.00	Electrical Works					
49.	2.1	Wiring for light point/ fan point/ exhaus	st fan noir	nt/ call bell			
'	2.1	point with 1.5 sq.mm FRLS PVC insulate					
		single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box					
		and earthing the point with 1.5 sq.mm FRLS PVC insulated					
		copper conductor single core cable					
50.	2.1.1	Group A	Point	18			
50.	4.1.1	OTOUP II	1 OIIIt	10			

7.1	2.2	XX7: C : :// 1 : : : 1	*.1	1				
51.	2.2	Wiring for circuit/ submain wiring alongwith earth wire with						
		the following sizes of FRLS PVC insulat						
		single core cable in surface/ recessed conduit as required.	medium	class PVC				
52.	2.2.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth		1.5				
		wire	meter	15				
53.	2.2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	meter	15				
54.	2.5	Supplying and fixing of following sizes of	f mediun	class PVC				
		conduit along with accessories in surf						
		cutting the wall and making good the san						
		conduit as required.						
55.	2.5.1	20 mm	meter	12				
56.	2.5.2	25 mm	meter	12				
57.	2.6	Supplying and fixing following modular	switch/so	ocket on the				
		existing modular plate & switch box in						
		but excluding modular plate etc. as requi						
58.	2.6.1	15/16 A switch	Each	4				
59.	2.6.2	6 pin 15/16 A socket outlet	Each	4				
60.	2.7	Supplying and fixing following size/						
		modules, GI box alongwith modular						
		base & cover plate for modular switches						
		in recess etc. as required.						
61.	2.7.2	8 Module (125mmX125mm)	Each	2				
62.	2.8	Supply of pre-wired recess mounting						
		18W slim LED panel light, constant						
		current integrated driver, Light Color	Nos	4				
		6000K,lumen input voltage 220-	INOS	4				
		240Volt,CRI >80,high efficiency ,IEC						
		complaint for safety and performance.						
63.	2.90	Supply of pre-wired surface mounting						
		LED Batten 2F eet, 10 Watt, constant						
		current integrated driver, Light Color	Nos	7				
		6000K, linput voltage 220-	1103	,				
		240Volt,CRI >80, high efficiency, IEC						
		complaint for safety, performance						
64.	2.10	Supply of 200 mm sweep exhaust fan,						
		plastic frame, single phase, 220-	Nos	3				
		240Volt, white colour, gravity shutter	1105					
		etc complete as required.						
65.	2.12	Installation, testing and commissioning						
		of pre-wired, fluorescent fitting /						
		compact fluorescent fitting of all types,						
		complete with all accessories and	Б.					
		tube/lamp etc. directly on ceiling/ wall,	Each	2				
		including connections with 1.5 sq. mm						
		FRLS PVC insulated, copper						
		conductor, single core cable and						
66	2 12	earthing etc. as required.						
66.	2.13	Installation of exhaust fan in the						
		existing opening, including making	Each	2				
		good the damage, connection, testing,	Each	3				
		commissioning etc. as required. Upto						
		450 mm sweep  Grand total (Including GST) = Po						
		Grand total (Including GST) = Rs.						

# **SECTION-VII**

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# **SECTION-VIII**

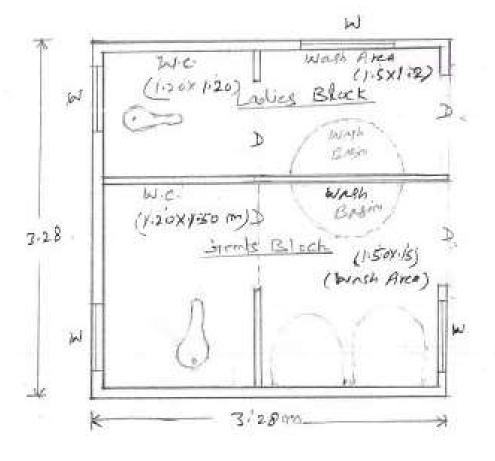
**Technical Specifications and Safety Manual** 

# **Technical Specifications**

- 1. Unless otherwise specified, technical specifications of work shall generally conform to the relevant CPWD specifications of the latest edition including amendments thereafter.
- 2. Works not covered under paras as stated above , shall be carried out as per relevant Indian Standard specifications or Code of practice and/ or as instructed by the Engineer-In-Charge or his representative.
- 3. Safety Manual of NHPC as in force will be applicable for this contract.

# **SECTION-IX**

**Tender Drawings** 



PLAN

W- 0.60x2.75- @NO

ht - 2.70 mm

- 19 0 (0.45 cm - 19 0