



**एन एच पी सी लिमिटेड**  
(भारत सरकार का एक नवोत्पन्न उद्यम)  
**NHPC Limited**  
(A Government of India Navratna Enterprise)

CIN: L40101HR1975GOI032564

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

**Dated: 07-02-2026**


**Corrigendum -2**

**Name of the Work: - "Development of Power Evacuation Infrastructure for 1200MW Jalaun Solar Park"**

**Tender ID.: 2026\_NHPC\_894115\_1**

The amendment in the subject cited tender document alongwith Replies to Pre-bid Queries is as per attached Annexure-I to this Corrigendum.

All other terms & conditions of the tender document shall remain unchanged.

  
**General Manager**  
**Contract (E&M)-II**  
**NHPC Ltd.**

## Annexure-I

### Amendment

In reference to the tender ID: 2026\_NHPC\_894115\_1 for “**Development of Power Evacuation Infrastructure for 1200MW Jalaun Solar Park**”, the following amendments are hereby authorized to be incorporated in the tender document:

Sl. No.	Ref. No. of Tender Doc.	Existing Clause	Authorized Modification
1.	NIT	<p><b>1.2 CRITICAL DATES OF TENDER:</b></p> <p>(iii) Document Download End Date &amp; Time: 16/02/2026, 17:30 Hrs (IST)</p> <p>(vii) Online Bid Submission End Date &amp; Time: 16/02/2026, 17:30 Hrs (IST)</p> <p>(viii) Last date of submission of Tender fee, EMD (Bid Security) and other offline supporting document at office of “General Manager, Contract (E&amp;M)-II, 2nd Floor, Jyoti Sadan, NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana)”: 19/02/2026, 17:30 Hrs (IST)</p> <p>(ix) Bid Opening Date &amp; Time (Technical Bid): 20/02/2026, 15:00 Hrs (IST)</p>	<p><b>1.2 CRITICAL DATES OF TENDER:</b></p> <p><b>The bidding dates are extended as hereunder:</b></p> <p>(iii) Document Download End Date &amp; Time: <b>23/02/2026 17:30 Hrs (IST)</b></p> <p>(vii) Online Bid Submission End Date &amp; Time: <b>23/02/2026, 17:30 Hrs (IST)</b></p> <p>(viii) Last date of submission of Tender fee, EMD (Bid Security) and other offline supporting document at office of “General Manager, Contract (E&amp;M)-II, 2nd Floor, Jyoti Sadan, NHPC Office Complex, Sector-33, Faridabad-121003 (Haryana)”: <b>24/02/2026, 15:00 Hrs (IST)</b></p> <p>(ix) Bid Opening Date &amp; Time (Technical Bid): <b>24/02/2026, 16:00 Hrs (IST)</b></p>
2.	NIT / ITB 2.2.2	<p><b>SPECIFIC EXPERIENCE:</b></p> <p>Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years:</p> <p>(i) Pooling Sub-station: Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard.</p> <p>(ii) Transmission Line: Transmission lines not less than cumulative route length of 20 kM of 400 kV Line or higher voltage level.</p>	<p><b>SPECIFIC EXPERIENCE:</b></p> <p>Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years:</p> <p>(i) Pooling Sub-station: <b>Pooling/Grid</b> Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of <b>345 KV or higher</b> Voltage level in one (1) Sub-station or Switchyard.</p> <p>(ii) Transmission Line: Transmission lines not less than cumulative route length of 20 kM of <b>220 KV Line or higher</b> voltage level.</p>

3.	NIT / ITB 2.2.2 Note (ii) & (iii)	<p><b>Note:</b></p> <p>(ii) Experience of Supervision of erection, testing and commission of bidder shall also be considered at par with own erection, testing &amp; commissioning of electrical Infrastructure items of pooling Sub-station and/or Transmission Lines.</p> <p>(iii) Substantial Completion ----- to meet this requirement.</p> <p>Certificate for 'substantial completion' of project/work/asset should contain two parts. Part -I shall contain 'financial value of work done' and Part-II shall contain 'certificate of functional completion of project/work/asset'.</p>	<p><b>Note:</b></p> <p>(ii) Experience of Supervision of erection testing and commission of bidder shall also be considered at par with own erection, testing &amp; commissioning of electrical Infrastructure items of pooling Sub-station/ <b>Grid Sub-station</b> and/ or Transmission Lines.</p> <p>(iii) Substantial Completion ----- to meet this requirement.</p> <p>Certificate for 'substantial completion' of project/ work/ asset should contain two parts. Part -I shall contain 'financial value of work done' and part-II shall contain 'certificate of functional completion of project/ work/ asset' <b>For financial value of work done, the Bidder shall submit notarized copy of taxable invoices of bank statement showing transactional details for corresponding value of work done from the concerned Client/Employer.</b></p>
4.	NIT / ITB 2.2.3	<b>FINANCIAL CRITERIA</b>	
		<p><b>(i) Turnover:</b> The bidder should have Minimum average annual turnover of <b>INR 489 Crores</b> for the immediately preceding two (02) consecutive financial years.</p>	<p><b>(i) Turnover:</b> The bidder should have Minimum average annual turnover of <b>INR 325 Crores</b> for the immediately preceding two (02) consecutive financial years.</p>
		<p><b>(iii) Working Capital:</b> The working capital (current assets minus current liabilities) shall be at least 2 (two) times the monthly cash flow requirement. The minimum working capital <b>shall not be less than INR 77 Crores.</b></p> <p>For this purpose..... a Chartered Accountant.</p>	<p><b>(iii) Working Capital:</b> The working capital (current assets minus current liabilities) shall be at least 2 (two) times the monthly cash flow requirement. The minimum working capital <b>shall not be less than INR 51 Crores.</b></p> <p>For this purpose..... a Chartered Accountant.</p>

5.	NIT / ITB 2.2.4	<p><b>BID CAPACITY</b></p> <p>The available Bid capacity of the Bidder at the time of submission of Price bid, calculated as under should not be less than <b>INR 614.21 Crores.</b></p> <p>Available Bid capacity = <math>(2.0 \times A \times N) - B</math></p> <p>Where;</p> <p>A= Indexed value of Maximum value of Works executed (in an ongoing or completed project) in any one year during last 5 (five) years, keeping index of inflation as 6% (compounded annually) for calculating 'A' at present price level.</p> <p>N = Number of years prescribed for completion of the subject contract package <b>i.e., 486/365= 1.33 years.</b></p> <p>B = Value of existing commitments (as on last date of bid submission) and on-going works to be completed in next "N" years.</p> <p>The bid capacity shall be assessed .....</p>	<p><b>BID CAPACITY</b></p> <p>The available Bid capacity of the Bidder at the time of submission of Price bid, calculated as under should not be less than <b>INR 614.21 Crores.</b></p> <p>Available Bid capacity = <math>(2.0 \times A \times N) - B</math></p> <p>Where;</p> <p>A= Indexed value of Maximum value of Works executed (in an ongoing or completed project) in any one year during last 5 (five) years, keeping index of inflation as 6% (compounded annually) for calculating 'A' at present price level.</p> <p>N = Number of years prescribed for completion of the subject contract package <b>i.e., 24/12= 2 years.</b></p> <p>B = Value of existing commitments (as on last date of bid submission) and on-going works to be completed in next "N" years.</p> <p>The bid capacity shall be assessed .....</p>
6.	GCC Clause 27	27.2 The Defect Liability Period shall be thirty six (36) months from the date of issue of Taking-Over Certificate... ..and tear.	27.2 The Defect Liability Period shall be <b>twenty four (24) months</b> from the date of issue of Taking-Over Certificate..... ..and tear.
7.	SCC Clause 2.0	<p>COMPLETION PERIOD / SCHEDULE:</p> <p>Total completion .....shall be Sixteen (16) Months from the date of issue of "Letter of Award/ Notification of Award".</p>	<p>COMPLETION PERIOD / SCHEDULE:</p> <p>Total completion .....shall be <b>Twenty four (24) Months</b> from the date of issue of "Letter of Award/ Notification of Award".</p>
8.	SCC Clause 3.0	<p>LIQUIDATED DAMAGES FOR DELAY IN COMPLETION</p> <p>The delivery/ completion period (16 Months) shall be guaranteed under liquidated damages Clause given below: Time is essence of the contract. The Schedule date for taking over of project is 16 months from the date of LOI. ..... Contract value.</p>	<p>LIQUIDATED DAMAGES FOR DELAY IN COMPLETION</p> <p>The delivery/ completion period <b>Twenty-four (24) Months</b> shall be guaranteed under liquidated damages Clause given below: Time is essence of the contract. The Schedule date for taking over of project is <b>Twenty-four (24) months</b> from the date of LOI. ..... Contract value.</p>



9.	SCC Clause 8 (i)	Time of Completion of work in all respect is 486 days. After commissioning ..... the price bid.	Time of Completion of work in all respect is <b>Twenty-four (24) Months</b> . After commissioning ..... the price bid.
10.	SCC Clause 34 (New Clause)	<b>Insertion of new Clause 34</b> <b>Quantity Variation:</b> The contractor shall not be entitled to claim deviation in quantity up to $\pm 5\%$ of the quantity specified in BOQ for Transmission Line. The payment of deviated quantity beyond $\pm 5\%$ from the BOQ for Transmission Line shall be paid/recovered on pro-rata basis by the Employer on prudence check, if any..	
11.	SCC Clause 35 (New Clause)	<b>Insertion of new Clause 35</b> <b>Price Variation:</b> Price Variation shall be applicable as per Appendix-2 of Contract Agreement mentioned in Volume-V (Forms & Procedures) attached to this Corrigendum	
12.	SCC	<b>Work Schedule and Bart Chart is as per attachment to this Corrigendum</b>	
13.	Information for Bidder	<b>Insertion of following para at the end:</b>  Soil Investigation report and KMZ file are provided in following link for bidding purpose only: <a href="https://drive.google.com/drive/folders/1L9ZlmtSGfSFoEudQnxb9cf9G4igqrsK?usp=sharing">https://drive.google.com/drive/folders/1L9ZlmtSGfSFoEudQnxb9cf9G4igqrsK?usp=sharing</a>	

14. Modification in details of Quantities under Volume-V(Forms & Procedures) shall be as hereunder:

<b>PART-A.1.</b>			
Sl. No.	Item	Unit	Quantity
12	33kV Dynamic Three Phase Reactive Power Compensating Equipment ( <b><math>\pm 28</math> MVar</b> ) and other tools & tackles and all accessories required as per Detailed technical specification of Section-3 clause- XII	Nos.	2
13	33kV Fixed Type Three Phase Capacitor Bank ( <b>28 MVar</b> ) and other tools & tackles and all accessories required as per Detailed technical specification of Section-3 clause- XIII	No.	4
<b>PART-B.1.</b>			
12	33kV Fixed Type Three Phase Capacitor Bank ( <b>24 MVar</b> ) and other tools & tackles and all accessories required as per Detailed technical specification of Section-4 clause- XII	No.	2
<b>PART-B.2.</b>			
12	33kV Fixed Type Three Phase Capacitor Bank ( <b>24 MVar</b> ) and other tools & tackles and all accessories required as per Detailed technical specification of Section-4 clause- XII	No.	2

Details of other items of BOQ shall remain unchanged.

## Appendix 2. Price Adjustment

Prices payable to the Contractor, in accordance with the Contract, shall be subject to adjustment during the performance of the Contract to reflect the changes occurring in cost of labour and material components, in accordance with the following formulae:

### 1. Price Adjustment Formula for Supply of Plant and Equipment

Prices payable to the Contractor, in accordance with the Contract for Supply of Plant and Equipment, shall be subject to adjustment in accordance with the following PV formulae:

- A. For supply of E&M Equipments except Power Transformers & its corresponding items and Reactors:

$$P_1 = P_0 \times \{0.20 + 0.35 (L_1/L_0) + 0.45(M_1/M_0)\} - P_0$$

in which:

$P_1$  = adjustment amount payable to the Contractor

$P_0$  = Hundred percent (100%) of Contract price minus amount of advance, if drawn

$L_0, L_1$  = Labour Indices applicable to the appropriate Industry in the country of origin on the base date and on the date for adjustment, respectively.

#### a) For Electrical Equipments:

The factor  $0.45M_1/M_0$  may be read as hereunder

$$0.45M_1/M_0 = 0.315 S_1/S_0 + 0.135 C_1/C_0$$

Where,

$S_0, S_1$  = The wholesale Price Index (WPI) for “(N)-Manufacture of Basic Metals” containing the sub-head ‘(a) Inputs into Steel making’ as per price indices published in Country of origin on base date and on the date of adjustment respectively.

$C_0, C_1$  = The wholesale Price Index (WPI) for “(N) - Manufacture of non-ferrous metals including precious metals” as per price indices published in Country of Origin on base date and on the date of adjustment respectively.

**b) For Mechanical Equipments:**

The factor  $0.45M_1/M_0$  may be read as hereunder

$$0.45M_1/M_0 = 0.45S_1/S_0$$

Where,

$S_0, S_1$  = The wholesale Price Index (WPI) for “(N)-Manufacture of Basic Metals” containing the sub-head ‘(a) Inputs into Steel making’ as per price indices as published in Country of Origin on base date and on the date of adjustment respectively.

The classification of Electrical and Mechanical items to be used for the purpose of price variation is enclosed as Annex-I to this Appendix.

**B. For supply of Power Transformers & its corresponding items and Reactors:**

:

Price adjustment for supply shall be calculated in accordance with the following formula, published by IEEMA effective from 01.09.2021:

$$P = P_0 / 100 (6 + 32 C/Co + 27 ES/ES_0 + 12 IS/IS_0 + 4 IM/IM_0 + 9 TO/TO_0 + 10 W/W_0)$$

P = Price payable as adjusted in accordance with the above formula.

P<sub>0</sub> = Hundred percent (100%) of supply cost including taxes & duties minus amount of advance, if drawn.

C = Price of CC copper rods on the date of adjustment.

Co = Price of CC copper rods on the base date.

ES = Price of CRGO Electrical Steel Lamination on the date of adjustment.

ES<sub>0</sub> = Price of CRGO Electrical Steel Lamination on the base date.

IS = Average price of Steel Plates 10 mm thick on the date of adjustment.

IS<sub>0</sub> = Average price of Steel Plates 10 mm thick on the base date.

IM = Price of Insulating Materials on the date of adjustment.

IM<sub>0</sub> = Price of Insulating Materials on the base date.

TO = Price of Transformer Oil on the date of adjustment.

TO<sub>0</sub> = Price of Transformer Oil on the base date.

W = All India average consumer price index number for industrial workers, as published by the

Labour Bureau, Ministry of Labour, Govt. of India (Base: 2016=100) on the date of adjustment.

W<sub>0</sub> = All India average consumer price index number for industrial workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India (Base: 2016= 100) on the base date.

Notes: The details of prices shall be as mentioned in IEEMA Circular No.

IEEMA/PVC/PWRTRF \_Up to 400 KV/2021 effective from 01.09.2021. Further, for On-shore supply following indices shall be used:

Item	Source of Indices used
C/Co	Indian Electrical & Electronics Manufacture's association( IEEMA)
ES/ESo	Indian Electrical & Electronics Manufacture's association( IEEMA
IS/ISo	Indian Electrical & Electronics Manufacture's association( IEEMA
IM/IMo	Indian Electrical & Electronics Manufacture's association( IEEMA
TO/TOo	Indian Electrical & Electronics Manufacture's association( IEEMA

## 2. Price Adjustment Formula for Installation of Plant and Equipment

Prices payable to the Contractor, in accordance with the Contract for Installation of Plant and Equipment including port clearance and inland transportation etc. shall be subject to adjustment in accordance with the following formula:

$$P_1 = P_o \times \left( 0.20 + 0.60 \frac{L_1}{L_o} + 0.15 \frac{F_1}{F_o} + 0.05 \frac{M_1}{M_o} \right) - P_o$$

in which:

P<sub>1</sub> = adjustment amount payable to the Contractor

P<sub>o</sub> = Hundred percent (100%) of Contract price

L<sub>o</sub> = All India Average Consumer Price Index for Industrial Workers, General Index as published in the Indian Labour Journal of 'Labour Bureau', Ministry of Labour, Govt. of India, on the base date.

L<sub>1</sub> = All India Average Consumer Price Index of Industrial Workers, General Index as published in the Indian Labour Journal of 'Labour Bureau', Ministry of Labour, Govt. of India, on the date of adjustment.

F<sub>o</sub> = Actual all inclusive price of diesel at Delhi as fixed by Indian Oil Corporation on the base date.



$F_1$  = Actual all inclusive price of diesel at Delhi as fixed by Indian Oil Corporation calculated on the date of adjustment.

$M_0$  = Wholesale Price index for '(M)- Manufacture of other Non-metallic Mineral Product' on the base date, as published in the monthly Bulletin 'Wholesale Price indices' issued by the Office of Economic Adviser, Ministry of Commerce & Industry, New Delhi.

$M_1$  = Wholesale Price Index for '(M)- Manufacture of other Non-metallic Mineral Product' on the date of adjustment as published in the monthly Bulletin 'Wholesale Price indices' issued by the Office of Economic Adviser, Ministry of Commerce & Industry, New Delhi.

### **Conditions applicable to Price Adjustment**

The Bidder shall indicate the source of labor and materials indexes and the base date indexes in its bid.

#### **a) For off-shore supply : NOT APPLICABLE**

#### **b) For on-shore supply**

Item	Source of Indices Used	Base year	Base Index	Date
$S_0, S_1$	Office of Economic Advisor, Ministry of Commerce and industry	2011-2012		
$C_0, C_1(WPI)$	Office of Economic Advisor, Ministry of Commerce and industry	2011-2012		
$L_0, L_1$	All India Average Consumer Price Index of Industrial Workers, General Index as published in the Indian Labour Journal of 'Labour Bureau', Ministry of Labour, Govt. of India	2016		
$M_0, M_1$	Monthly wholesale Price index for 'Non-metallic Mineral Product' Bulletin issued by the Office of Economic Adviser, Ministry of Commerce & Industry, New Delhi.	2011-2012		

The base date shall be Twenty Eight (28) days prior to the due date of Submission of Bid.

The date of adjustment shall be the mid-point of the period of manufacture or installation of component or Plant.

The Mid- Point is defined as under:

“Mid Point of manufacture”: The mid point date of manufacture shall be the midpoint date determined from:

- i) the mid point date of engineering activities and mid point date of manufacturing activities for each item derived from the program of performance.
- ii) the mid point date of engineering activities and actual date of dispatch, whichever occurs earlier.

In case where the program of performance (refer GCC Cl. No. 18.2) is given separately for each unit the midpoint shall be determined unit wise. In such case, since engineering is to be done together with all the units, mid point of engineering activity will remain same for all the units. However, the mid point of manufacturing activity shall be different for each unit.

In case of outsourced items where basic engineering is done at contractor's level and detailed engineering is done at vendor's level, the complete process should be taken as engineering activity including the intervening period of tendering and award activity.

In some program of performances (refer GCC Cl. No. 18.2), manufacturing activity is spilt into parts such as 'Forging' and 'Machining'. In this case the total time period shall be taken as manufacturing activity including intervening period if any.

In case where a single activity is listed for procurement of raw material and manufacturing, the complete activity shall be taken as Manufacturing activity.

**“Mid Point of installation”:** Mid point of installation shall be mid point of start date of installation and finish date of installation/ erection of facilities and part thereof as provided in the program of performance (refer GCC Cl. No. 18.2).

**“Mid Point of transportation”:** 'The Mid point of transportation shall be mid point of dispatch activities as per programme of performance (refer GCC Cl. No. 18.2)'.

The following conditions shall apply:

- (a) Price adjustment will be applied only if the resulting increase or decrease is more than two percent (2%) of the Contract price.
- (b) No price increase will be allowed beyond the original delivery date unless covered by an extension of time awarded by the Employer under the terms of the Contract. No price increase will be allowed for periods of delay for which the Contractor is responsible. The Employer will, however, be entitled to any price decrease occurring during such periods of delay.
- (c) The total adjustment (plus or minus) shall be subject to a ceiling amount of 25% of the Contract price during contractual completion period.

- (d) In case, Government of India stops publishing any of the price indices at any time and announces a new series with a linking factor for conversion of index of new series to the old series, regulation of price variation will be done using the indices of new series alongwith linking factor from the period the indices of old series becomes unavailable. .However, if the new series released by the relevant source/authority does not have the linking factor and has indices for base date, the new series shall be used without use of Linking Factor and current as well as base indices of new series shall be used from the date, indices of old series becomes unavailable. However, if the new series released by relevant source/Authority does not have the linking factor and does not have indices for the base date of Contract, the linking factor between old and new series be derived using Arithmetic conversion method i.e. considering the Arithmetic mean of the monthly indices of the old series for the twelvemonth period of base year of new series and dividing it by 100. This linking factor shall be used with the indices of new series and the same / most nearest commodity item used in the Price Adjustment Formulae.
- (e) No price variation will be admissible on the amount of advance payment made to the Contractor.
- (f) If the currency in which the Contract price is expressed is different from the currency of the country of origin of the labor and/or materials indexes, a correction factor will be applied to avoid incorrect adjustments of the Contract price. The correction factor shall correspond to the ratio of exchange rates between the two currencies on the base date and the date for adjustment as defined above.

The correction factor 'Z' shall be calculated as  $Z = Z_0 / Z_n$  applicable to the respective component factor of P1 for the formula of the relevant currency.

Where,

$Z_0$  = number of units of the currency of the source country of index, equivalent to one unit of the currency of payment on the date of base cost index , and

$Z_n$  = corresponding number of such currency units as on the date of current index.

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WORK SCHEDULE/BAR CHART FOR 400 KV TRANSMISSION LINE PROJECT COMPLETION PERIOD: 24 MONTHS																											
SL.	Description	Months																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	Signing of Contract Agreement																										
2	Submission of Project Schedule by Contractor																										
3	Approval of Project Schedule																										
4	Check Survey (Land Schedule and Profile Plotting if necessary)																										
5	Approval of Sub Vendor																										
6	Drawing Submission																										
7	Drawing Approval																										
8	Submission of Inspection schedule																										
9	Supply of Line Materials																										
9.1	Stubs																										
9.2	Tower Structure																										
9.3	Insulators and Hardware																										
9.4	Conductors and Accessories																										
10	Erection Activities																										
10.1	Foundation																										
10.2	Earthing																										
10.3	Erection of Towers																										
10.4	Punching/Welding of Towers (Bolt and Nut)																										
10.5	Tower Accessories Fitting																										
11	Stringing																										
11.1	Conductor with E/W Stringing including Fixing of Accessories																										

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Name of Work : Development of Power Evacuation Infrastructure for 1200MW Jalaun Solar Park

Tender ID: 2026\_NHPC\_894115\_1

Reply to Bidder's Queries					
S.N	Volume No.	Clause No.	PROVISION IN NHPC TENDER DOCUMENTS	Bidders Proposal	REPLY
1	ITB	ITB Clause - 2.2 Qulification Criteria	<u>General Experience</u> Experience as a principal contractor or as partner in a Joint Venture or Sub-Contractor approved by the Employer of executing substantially completed large Electrical Infrastructure works of “Sub-Station and/ or Transmission line works” in Last 20 years of following value: 1. One work costing not less than INR 491.36 Crore , Or 2. Two works each costing not less than INR 307.10 Crore, Or 3. Three works each costing not less than INR 245.68 Crore.	<b>1.0 TECNICAL CRITERIA: ( Ref- NTPC Renewable   NTPC Thermal   PGCIL)</b> <b>Substation</b> Bidder must have erected, tested and commissioned as a prime contractor under a single contract, at least two (2) nos. AIS Circuit Breaker equipped bays of 345 kV or above voltage level in one Substation or switchyard during the last seven (7) years and these bays must be in satisfactory operation# as on the originally scheduled last date of bid submission. # Satisfactory operation means certificate issued by the Employer certifying the operation without any adverse remark. And Bidder should have supplied, erected and commissioned (4) nos. of 220 kV or above class transformers of 150 MVA rating or higher, which would have been commissioned within the Eight (08) years from the Bid submission date and must have a minimum of two years of successful operational performance. <u>(Transformer-specific qualification requirements have been added to strengthen the bidder’s credentials with respect to transformer supply)</u>	Please refer Amendment.
2	ITB	ITB Clause - 2.2.2 Qulification Criteria	<u>Specific Experience</u> Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years: Substation: Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard. Transmission Line: Transmission lines not less than cumulative route length of 20 km of 400 kV Line or higher voltage level. Performance – 2 Years	<b>Transmission Line:</b> Transmission lines not less than cumulative route length of 70 RKM of 220 kV Line or higher voltage level. Performance – 2 Years	
3	ITB	ITB Clause - 2.2.3 Qulification Criteria	<b>FINANCIAL CRITERIA</b> Annual Turnover (MAAT) - > Rs.489 Crs Working Capital - Rs 77 Crs Net worth Should be positive for the last Year	<b>No change required w.r.t NHPC Requirement</b>	Please refer Amendment.
4	ITB	JV ITB Clause - 2.2.5	(i) The number of partners in the joint ventures not to exceed two (02) with one of the partners designated as Lead Partner. (ii) The lead partner to fully meet the following: General experience criteria as specified in Para 2.2.1, ☐ Average annual turnover not less than 50% of the criteria specified in para 2.2.3 (i), ☐ Working capital criteria as specified in Para 2.2.3 (iii), ☐ Specific Experience Criteria for the Component as specified in Para 2.2.2 (i) and/ or 2.2.2 (ii). (iii) The other partner to individually meet the following requirements : ☐ Average annual turnover not less than 20% of the criteria specified in Para 2.2.3 (i), ☐ Specific experience Criteria for the Component as specified in Para 2.2.2 (i) or 2.2.2 (ii) (other than Specific experience criteria claimed by the lead partner. In case lead partner claimed both the specific experience as specified in para 2.2.2 (i) & 2.2.2 (ii) then other partner shall meet at least either of 2.2.2 (i) or 2.2.2 (ii) (iv) All the partners of the joint venture to individually fulfil the Net worth criteria as specified in Para 2.2.3 (ii). (v) The joint venture to collectively satisfy, as a whole, the financial as well as the technical requirements specified. (vi) The 'Bid Capacity' as specified in para 2.2.4 should be satisfied by individual partner of Joint Venture in proportion to their participation share of works in Joint Venture.  (vii) The parties shall be required to form the JV before Submission of Bids which shall be evinced by submitting a copy of the JV agreement already entered into for the purpose. The JV agreement should contain role & responsibility of each constituent, the proposed participation share of each partner along with the item of work to be executed by each partner. It shall also be brought out in the JV agreement that in case the contract is awarded to the JV, each partner of the JV shall be responsible for execution of that item of work for which he claims to have specific construction experience. (viii) The lead partner of the JV should have at least 50% share.	<b>To be Included</b> JOINT VENTURE QUALIFICATION: i)Joint Venture/Consortium Partners together should meet 100% of the Technical Qualification requirement for Sub-Stations Work. <b>One of the partner(s) of JV must meet the Technical Experience criteria requirements stipulated under Qualification Requirement mentioned in clause 2.2.2</b> ii)The unincorporated JV/Consortium shall have not more than 2 members and <b>One of the members executing at least 51% of the Project shall be identified as lead member</b> and the others will be considered as other members in the JV/consortium. iii) <b>The lead member shall meet 100% of financial criteria.</b> iv)The lead partner shall be authorized to incur liabilities and receive instruction for and/or on behalf of partners of Joint Venture and the entire execution of the contract including invoicing, receipt of payment shall be done exclusively through lead partners. The authorization for the lead partner shall be authenticated by submitting power of attorney signed by the legally authorized signatories of all the partners.	Bid Condition shall prevail.
5	SCC	Completion Time SCC - Volume–II B Clause 2.0	Sixteen (16) Months from the date of issue of “Letter of Award/ Notification of Award”.	Thirty (30) Months from the date of issue of “Letter of Award/ Notification of Award”. <b>Reason</b> - The completion time is requested to be increased considering the extended manufacturing and delivery timelines of critical equipment such as Power Transformers, Circuit Breakers, CTs, PTs, and BPI, which are currently facing industry-wide supply constraints.	

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6	SCC	LD SCC - Volume–II B Clause 3.0	0.5% of the contract price per week, maximum of 10% of the total contract value	0.5% of the contract price per week of the delay, maximum of 5% of the total contract value <b>Reference - PGCIL   NTPC</b>	Bid Condition shall prevail.
7	GTS	ROW Clause no 5.1.1 GTS_DTR	In Bidder Scope	<b>Model 1:</b> ROW shall be within NHPC’s scope of work. The successful bidder shall provide necessary assistance for documentation and coordination. This arrangement will result in saving of 18% GST to NHPC. <b>Model 2:</b> ROW compensation shall be payable on an actual reimbursement basis,against submission of supporting documents.	Bid Condition shall prevail.
8	–	Price Variation	Not Applicable	The price adjustment shall be applicable on an IEEMA formula basis, with December 2025 as the base month, for Power Transformers, Circuit Breakers, CTs, PTs, Insulators, and Transmission Line Conductors and Structures.	Please refer Amendment.
9	Vol-V (Forms & Procedure)	Payment Terms Volume V (Forms & Procedure)	<b>Supply:</b> 10% (advance-Interest Bearing-Optional- Signing of contract Agreement (Available @SBI MCLR + 150 Base point) 65% (receipt and Physical Verification of material) 15% (Completion of ETC – Individual Bays/TL Length) 10% (Commissioning) 10% (TOC) <b>Services:</b> 10% (advance-Interest Bearing-Optional; In 2 installments of 5% each – Mobilization and start of Erection) 90% (ETC of respective Bays/TL Lengh) 10% (Commissioning   TOC)	<b>Supply: (Ref.- PGCIL   NTPC)</b> 10% (advance-Interest Free-Optional) 10% - Eng. Advance (Against approvals of Engineering Drawings   GTP   TTR   MQP) (Interest Free) 50% - On Ex works supply 20% - On Receipt 5% (Completion – Individual Bays/TL Length) 5% (On Commisioning & TOC) <b>Services:</b> 10% (Advance-Interest Free-Optional; In 2 installments – Mobilization and start of Erection) 70% (Pro rata basis on Erection) 10% (ETC of respective Bays/TL Lengh ) 10% (On Commisioning & TOC)	Bid Condition shall prevail.
10	ITB	Reverse Auction Clause No 37.1 of ITB	Applicable	It may be noted that central utilities such as <b>PGCIL and NTPC</b> , for critical transmission and EHV substation EPC projects, do not follow Reverse Auction as a standard practice. Instead, they rely on competitive bidding with well-defined technical and commercial evaluation, ensuring participation of capable EPC contractors with proven execution experience and financial strength.	Bid Condition shall prevail.
11	Volume IIB_SCC	Clause No.2.0 and Corrigendum-1	COMPLETION PERIOD / SCHEDULE: Total completion period for “Development of Power Evacuation Infrastructure for 1200MW Jalaun Solar Park including 400kV / 33kV PSS-1, 400kV / 33kV PSS-2 (Part A and Part B), Internal and External 400kV Power Evacuation Transmission lines with all EHV Equipment, HV equipment for solar power pooling, Park Control and Monitoring system and all Electrical, Mechanical, Civil & Structural items along with 3 years of Comprehensive Operation and Maintenance of the system” shall be Sixteen (16) Months from the date of Issue Of “Letter of Award/ Notification of Award”. The completion schedule of Facilities is as enclosed with this SCC. Note: Upon successful completion of Trial-run and acceptance of facilities by the owner,O&M of switchyard starts on mutual accepted date. Corrigendum-1:-The Completion Time /Schedule shall be read as for a period of 365 days from the date of issue of “Letter of Award/ Notification of Award”, for the tendered work as above.	Project Completion Period  Considering the overall scope of work, statutory requirements, terrain conditions, and interlinkages with substation readiness, we request confirmation that the project completion period may be considered as 30 (thirty) months from the effective date of the Contract Agreement.	Please refer Amendment.
12	Volume_IIB_SCC	Clause No.10.0	1.2.1 For Supplies: Item No. 1 (Supply Portion) 1. Supply and receipt of the materials/items at site along with verification of material at site by the consignee and on submission of documents..... 65% 2.Construction/Erection/Installation of material at site and 15% Jalaun Solar Park 1200MW Electrical Infrastructure Works 3.Successful Testing and Commissioning 10% 4. Acceptance and Taking Over by the Owner. 10%	1. Payment Terms - Supply Portion We request confirmation that the payment terms for supply shall be aligned with prevailing Powergrid (PGCIL) standard payment terms, as indicated below:  <ul style="list-style-type: none"> <li>• 10% advance after signing of Contract Agreement- Interest free</li> <li>• 70% on completion of supply of materials</li> <li>• 10% on completion of tower erection/ substation equipment erection</li> <li>• Balance 10% on quarterly basis, linked with erection and liquidation of defects/ deficiencies on pro-rata basis, against submission of suitable Bank Guarantee / Insurance Surety.</li> </ul>	Bid Condition shall prevail.
13			1.2.2 For Survey/ Erection Portion: 1. The survey & erection items will be paid on progressive basis depending on the actual work done i.e. on completion of erection, testing and commissioning of the respective items and on certification of the same by the Owner. <b>90%</b> 2. The survey & erection items will be paid within sixty (60) days after successful commissioning of the project and Taking Over by the Owner. <b>10%</b>  <b>Note:</b> Interest bearing mobilisation advance for 10% of the order value against submission of Bank Guarantee for 110% of the mobilisation advance shall be released and recovered as per relevant GCC clauses.	2. Payment Terms - Erection Portion  For erection works, we request confirmation of the following payment structure as per PGCIL practice: <ul style="list-style-type: none"> <li>• 10% advance (interest free) in two installments linked with site office establishment and commencement of stringing.</li> <li>• 80% against completion of erection activities.</li> </ul> <ul style="list-style-type: none"> <li>•Balance 10% on commissioning.</li> </ul>	Bid Condition shall prevail.
14	Volume IIB_SCC	Clause No.8.0 (b)	CONTRACTOR OBLIGATIONS: Among the other scope of works defined in this bidding document, Route Survey, BOQ Preparation, Design Approval from PGCIL/CTUIL and Right of way & way leave clearance including the payment of compensation (Rail, Road, Forest, Line crossing and any other approval/permission requirement for completing the job) shall be in the scope of Contractor.	Right of Way (ROW)  We further request confirmation that Right of Way (ROW) Clearance/Statutory Clearance for both the Transmission Line and Substation shall be within the Client’s scope, and that any delays	Bid Condition shall prevail.
15	Volume IIB_SCC	Clause No.32	Defect Liability Period:  Defect Liability period shall be 24 months after Taking over the facilities by BSUL before start of Operation and maintenance.	We request the Defect Liability Period should be 12 months from the date of issuance of TOC.	Please refer Amendment.

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16	–	–	–	Price Variation: We request to allow the Price variation for the contract period as per IEEMA for the Major items as mentioned below (a)Sub-Station Part: (i) Supply of Goods: Power Transformers/ Auto Transformers/ICT and Reactors, Circuit Breaker, Instrument Transformers, Isolators, CRP-SAS, Tower Structure materials including Nuts & Bolts, Conductors and cables, (ii) Supply of Services: Concreting, & Supply and placement of reinforcement steel (b) Transmission Line Materials (i) Supply of Goods: Fabricated and galvanized towers parts (including bolts and nuts), HTLS/ ACSR Conductor, Hardware fittings, (ii) Supply of Services: Erection, Concreting, Supply and placement of reinforcement steel	Please refer Amendment.
17	Volume IIB_SCC	Clause No.1.1	Mode of Contract: Mode of Contract shall be as Composite comprising the work “Development of Power Evacuation Infrastructure for 1200MW Jalaun Solar Park including 400kV / 33kV PSS-1, 400kV / 33kV PSS-2 (Part A and Part B), Internal and External 400kV Power Evacuation Transmission lines with all EHV Equipment, HV equipment for solar power pooling, Park Control and Monitoring system and all Electrical, Mechanical, Civil & Structural items along with 3 years of Comprehensive Operation and Maintenance of the system” as a whole.	3 years O&M Scope Exclusion: Generally, O&M period does not fall under the EPC contractor's scope.Therefore we request you to exclude the same.	Bid Condition shall prevail.
18	ITB	Clause 2.2.2 Specific Experience:	i.Pooling Sub-station •Pooling Sub-station of at least two (02)nos. GIS/AIS Circuit Breaker equippedbays of 400 kV or higher Voltage level inone (1) Sub-station or Switchyard. In support of above, the bidder should provide copy of Performance / successful operation certificate for at least 2 years from the date of commissioning issued by Purchaser/ Owner of the equipment.	i. Sub-station •Sub-station of at least two (02)nos. GIS/AIS Circuit Breakerequipped bays of 400 kV or higherVoltage level in one (1) Sub-station orSwitchyard. In support of above, the bidder should provide copy of Performance / successful operation certificate for at least 2 years from the date of commissioning issued by Purchaser/ Owner of the equipment	Please refer Amendment.
19	ITB	Clause 2.2.1	2.2.1 GENERAL EXPERIENCE: Completed large Electrical Infrastructure works of “Sub-Station and/ or Transmission line works” in Last 20 years of following value:- 1. One work costing not less than INR 491.36 Crore , Or 2. Two works each costing not less than INR 307.10 Crore, Or 3. Three works each costing not less than INR 245.68 Crore.	2.2.1 GENERAL EXPERIENCE: Completed Electrical Infrastructure (Transmission, Distribution & Sub- Station) works in Last 10 years of following value:- 1. One work costing not less than INR 491.36 Crore , Or 2. Two works each costing not less than INR 307.10 Crore, Or 3. Three works each costing not less than INR 245.68 Crore.	Bid Condition shall prevail.
20	ITB	Clause 2.2.2 Specific Experience:	2.2.2 SPECIFIC EXPERIENCE: Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years: i. Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard. ii. Transmission lines not less than cumulative route length of 20 kM of 400 kV Line or higher voltage level.	2.2.2 SPECIFIC EXPERIENCE: Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (10) years: i. Grid Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard. ii. Transmission lines not less than cumulative route length of 05 kM of 400 kV Line or higher voltage level.	Please refer Amendment.
21	ITB	Clause 2.2.5 Joint Ventures:	The lead partner to fully meet the following: i) General experience criteria as specified in Para 2.2.1 ii) Specific Experience Criteria for the Component as specified in Para 2.2.2 (i) and/ or 2.2.2 iii) Average annual turnover not less than 50% of the criteria specified in para 2.2.3 (i), iv) Working capital criteria as specified in Para 2.2.3 (iii),	Any one of the partner who meet the Technical or Financial Criteria can be a Lead Bidder In case a bid is submitted by a Joint Venture (JV) [up to two firms only as partners], Joint venture shall meet collectively all the requirement of Clause 2.2.1 & 2.2.2 by the Joint Venture Any one partner shall meet PQR Clause No. 2.2.2 (i) & (ii) of Specific Experience (2.2.2) technical criteria.	Bid Condition shall prevail.
22	ITB	Clause 2.2.5 Joint Ventures:	The other partner to individually meet the following requirements : Specific experience Criteria for the Component as specified in Para 2.2.2 (i) or 2.2.2 (ii) (other than Specific experience criteria claimed by the lead partner. In case lead partner claimed both the specific experience as specified in para 2.2.2 (i) & 2.2.2 (ii) then other partner shall meet at least either of 2.2.2 (i) or 2.2.2 (ii).		Bid Condition shall prevail.
23	ITB	NIT Cl. 2.2.1 General Experience	Experience as a principal contractor or as partner in a Joint Venture or Sub-Contractor approved by the Employer of executing substantially completed large Electrical Infrastructure works of “Sub-Station and/ or Transmission line works” in Last 20 years of following value: 1. One work costing not less than INR 491.36 Crore , Or 2. Two works each costing not less than INR 307.10 Crore, Or 3. Three works each costing not less than INR 245.68 Crore.	As communicated by us during meeting, in India various clients awards the contract without Transformer and Conductor (which is supplied by Client Free of Cost), due to which the value the awarded contract becomes almost half. Hence, we request your goodself to kindly keep the experience value as : 1. One work costing not less than INR 200.00 Crore , Or 2. Two works each costing not less than INR 150.00 Crore, Or 3. Three works each costing not less than INR 100.00 Crore.	Bid Condition shall prevail.
24	ITB	NIT Cl. 2.2.2 Specific Experience	Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years: i. Pooling Sub-station : Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard. ii. Transmission Line Transmission lines not less than cumulative route length of 20 kM of 400 kV Line or higher voltage level.	We assumes that if any bidder has completed Pooling Sub-Station and Transmission Line in two different contracts and performance certificates are available as per requirement, it will be considered for specific experience. Kindly confirm the same.	The Clause is clear in this regard



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25	ITB	NIT 2.2 Notes (iii)	Substantial Completion is when the works are completed in a condition that it is capable of being occupied and used by Employer for the purpose for which it is intended. Substantial completion shall be based on 80 (eighty) per cent (value wise) or more works completed under the contract. Substantial completion should not be defined in terms of percentage completion, rather it should be based on functional consideration. For contracts under which the bidder participated as a joint venture member or sub-contractor, only the bidder's share, by value, shall be considered to meet this requirement.	Substantial completion of a project should be based on 80% financial completion of the project duly certified by the CA.  As discussed, if any Transmission Line is completed in all respect except few locs, due to ROW or any other reason, which cannot be occupied and used by Employer. We request to kindly consider it as a substantially completed, if 80% or more work is completed in this project	Bid Condition shall prevail.
26	_	Appendix 2. Price Adjustment	Not Applicable	The commodity market is currently highly volatile and thus Price Adjustment is a must to minimize the risk on the contractor/bidder side. Kindly allow Price Adjustment for this project regardless of the completion period.	Please refer Amendment.
27	GCC, SCC	GCC and SCC Cl.26.2 - 2nd Para	The aggregate amount of such liquidated damages shall in no event exceed the ten (10 %) of the Contract price. Once the "Maximum" is reached, the Employer may consider termination of the Contract, pursuant to GCC Sub-Clause 42.2.2.	Kindly cosider maximum Liquidated damages as 5% of the contract price. The same is being used by Power Grid Corporation of India Limited	Bid Condition shall prevail.
28	GCC, SCC	GCC and SCC Cl.27 Defect Liability	The Defect Liability Period shall be thirty six (36) months from the date of issue of Taking-Over Certificate	Kindly consider it 12 months from the date of issue of Taking-Over Certificate, in line with Power Grid requirement	Please refer Amendment.
29	SCC	SCC : Completion Period	As Specified in SCC Clause no.2 (16 months)	Looking at the current market scenario, wherein Supply chain of some major Transmission Line and substation equipments is stretched, we request for change to 24 - 30 months for completion of project	Please refer Amendment.
30	GCC, SCC	GCC and SCC Cl.8.0 CONTRACTOR OBLIGATIONS	Among the other scope of works defined in this bidding document, Route Survey, BOQ Preparation, Design Approval from PGCIL/CTUIL and Right of way & way leave clearance including the payment of compensation (Rail, Road, Forest, Line crossing and any other approval/permission requirement for completing the job) shall be in the scope of Contractor	In all the major utilities across India, right of Way and Statutory clearance along with respective compensation is in scope of client. This enables EPC companies to focus on the construction part for timely completion of the project. We request you to consider Right of way & way leave clearance including the payment of compensation to be in scope of client.  As an EPC, we may support in the documentation part.	Bid Condition shall prevail.
31	-	-	Soil Parameters	We request you to kindly provide the Soil Bearing Capacity report and Earth Resistivity report for the project site to enable us to design the foundations accordingly at the tender stage	Please refer Amendment.
32	-	-	Transmission Line route	We request you to kindly provide the KMZ of the transmission line route	Please refer Amendment.
33	-	-	Contract Basis - Lumpsum	We understand this is a lumpsum contract, however we would like clarity on the risk responsibility for variation in the route of transmission line as survey has been done by client. Please confirm, the bidder will be paid for the increase in the route length after detailed survey is completed.	Please refer Amendment.
34	-	-	Payment Terms	We would request you to change the payment terms as per Power Grid standard wherein Interest free advance is applicable for major supply items. Currently, in the market the Suppliers are not willing to finalize an order without interest free advance	Bid Condition shall prevail.
35	ITB	Clause 2.2.1	GENERAL EXPERIENCE: ..... For such works with payment received in other than INR shall be converted in INR by adopting the Exchange rate between that Currency and INR as prevailing on the completion date mentioned in the completion certificate and if month of completion is mentioned in the Completion Certificate, then the exchange rate of last working day of the Month shall be taken. The value of work in INR or converted into INR as above from the currency other than INR shall be enhanced by 7% simple rate per annum upto the date of Bid Opening. In support of above, the bidder should provide copy of work orders and completion certificate / Substantial completion certificate.	We understand that submission of a Payment Received Certificate is not mandatory when the contractor has completed the work and has provided a Completion Certificate. As per general industry practice, most customers issue only a Completion Certificate and do not provide separate payment issued/received certificates to EPC contractors. Accordingly, we understand that the Bidder is required to submit the Completion Certificate along with a copy of the Work Order in support of the above clause. Kindly confirm our understanding.	Bid Condition shall prevail.
36		Clause 2.2.2 Specific Experience:	<u>Specific Experience</u> Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years: Substation: (i) Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard. Transmission Line: Transmission lines not less than cumulative route length of 20 km of 400 kV Line or higher voltage level.	We understand that for point I and point ii, seprate contrcats are accepted. Please confirm our understanding	bid condition is clear

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37		Clause 2.2.2 Specific Experience:	<u>Specific Experience</u> Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years: Substation: (i) Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard. Transmission Line: Transmission lines not less than cumulative route length of 20 km of 400 kV Line or higher voltage level.	We understand that a Indial subsidiary company's parent/holding company executed 380 KV is our grid voltage level in a country which is equivalent to 400 kv in India. Hence, we request you accept 380 kv Voltage class substation also for evaluation purpose. Hence, we request amend/read this clause as follows: Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years: Substation: (i) Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 380 kV or higher Voltage level in one (1) Sub-station or Switchyard. Transmission Line: Transmission lines not less than cumulative route length of 20 km of 380 kV Line or higher voltage level.	Please refer Amendment.
38		Price Schedule and BOQ	As per scope of work, Transformers for substation are in scope of bidder, Transmission line of approx 60 km & corrigendum-1: Completion Time/ Schedule for a period of 365 days from the date of issue of LOA	Due to industry practice for tenders of this scale and consedering the delivery timelines of critical items such as transformers and GIS, along with the extensive scope of the transmission line and associated ROW challenges that fall under the bidders responsibility, we strongly believe that the completion period of 365 days as specified in corrigendum 1 is not feasible. Therefore we hereby propose a completion period of 30-months starting from the date of handing over of all encumbrance-free land for the substation and receipt of approval under section-68 and section 164 from the MoP	Please refer Amendment.
39		Scope of Work	Sub station and Transmission line	We request you to split the scope of work in 2 separate tenders. 1) sub station and 2) transmission line. This will allow mopre bidders to participate based on their interest	Bid Condition shall prevail.
40	SCC	Completion Period – SCC Volume-II B, Clause 2.0	Total completion period for “Development of Power Evacuation Infrastructure for 1200MW Jalaun Solar Park including 400kV / 33kV PSS-1, 400kV / 33kV PSS-2 (Part A and Part B), Internal and External 400kV Power Evacuation Transmission lines with all EHV Equipment, HV equipment for solar power pooling, Park Control and Monitoring system and all Electrical, Mechanical, Civil & Structural items along with 3 years of Comprehensive Operation and Maintenance of the system” shall be Sixteen (16) Months from the date of issue of “Letter of Award/ Notification of Award”. The completion schedule of Facilities is as enclosed with this SCC. <b>Note: Upon successful completion of Trial-run and acceptance of facilities by the owner,O&amp;M of switchyard starts on mutual accepted date.</b>	The tender stipulates a completion period of 16 months, which we believe is highly challenging considering the overall project scope that includes two 400kV GIS substations, extensive internal and external 400kV transmission lines, solar pooling infrastructure, SCADA/PCMS, and associated civil, electrical, and mechanical works. Further, factors such as statutory approvals, EHV equipment manufacturing lead times, ROW/way-leave challenges, and monsoon constraints significantly impact execution. We therefore request that the completion period be revised to a minimum of 24 months, which is more aligned with similar 400kV evacuation projects executed by central and state utilities.	Please refer Amendment.
41	SCC	Right of Way (ROW) & Way-Leave Clearances – SCC Volume-II B, Clause 8.0 (b)	Among the other scope of works defined in this bidding document, Route Survey, BOQ Preparation, Design Approval from PGCIL/CTUIL and Right of way & way leave clearance including the payment of compensation (Rail, Road, Forest, Line crossing and any other approval/permission requirement for completing the job) shall be in the scope of Contractor.	ROW and way-leave acquisition involves land ownership issues, compensation negotiations, and local administrative approvals, which are beyond the control of EPC contractors and often lead to unforeseen delays and cost escalation. To ensure timely project execution and avoid disputes, we request that ROW and way-leave clearances, including compensation payments, be kept under the Owner’s scope, as is standard practice in projects executed by utilities such as PGCIL and other government entities.	Bid Condition shall prevail.
42	SCC	Operation & Maintenance (O&M) for 3 Years – SCC Volume-II B, Clause 8.0 (i)	Time of Completion of work in all respect is 486 days. After commissioning of the plant, the Contractor has to provide comprehensive O&M services for 3-years. The rates of O&M services are to be quoted in the price bid.	While EPC contractors specialize in design, engineering, procurement, and construction, long-term O&M requires a different operational skill set, dedicated manpower, and local infrastructure. Bundling O&M with EPC increases commercial risk and cost loading. We request that the 3-year O&M be considered as a separate contract, which will ensure better operational performance, competitive pricing, and focused accountability during the O&M phase.	Bid Condition shall prevail.
43	SCC	Defect Liability Period (DLP) – SCC Volume-II B, Clause 32	Defect Liability Period: Defect Liability period shall be 24 months after Taking over the facilities by BSUL before start of Operation and maintenance.	The current DLP provision places extended liability on the EPC contractor even after successful commissioning and takeover. As per prevalent norms followed by utilities such as PGCIL, a DLP of 12 months from the date of takeover is considered adequate to address workmanship and material defects. We request amendment of the DLP accordingly.	Bid Condition shall prevail.
44	SCC	Liquidated Damages (LD) Capping – SCC Volume-II B, Clause 3	LIQUIDATED DAMAGES FOR COMPLETION OF O&M: LD for comprehensive three year O&M contract value shall be considered .25% per week for delay subject to maximum of 10% of O&M Contract Value.	The tender currently specifies an LD cap of 10% of the total contract value, which is significantly higher than industry norms. For large-value EHV infrastructure projects, an LD cap of 5% is widely adopted by central utilities and ensures fair risk allocation without discouraging competitive participation. We therefore request that the LD cap be reduced to 5% of the total contract value.	Bid Condition shall prevail.

	Reply to Bidder's Queries				
S.N .	Volume No.	Clause No.	PROVISION IN NHPC TENDER DOCUMENTS	Bidders Proposal	REPLY
45	ITB	Clause 2.2.1 General Experience:	Experience as a principal contractor or as partner in a Joint Venture or Sub-Contractor approved by the Employer of executing substantially completed large Electrical Infrastructure works of “Sub-Station and/ or Transmission line works” in Last 20 years of following value: 1. One work costing not less than INR 491.36 Crore, Or 2. Two works each costing not less than INR 307.10 Crore, Or 3. Three works each costing not less than INR 245.68 Crore. The value of work in INR or converted into INR as above from the currency other than INR shall be enhanced by 7% simple rate per annum up to the date of Bid Opening.	Experience as a principal contractor or as partner in a Joint Venture or Sub-Contractor approved by the Employer of executing substantially completed large Electrical Infrastructure works of “Sub-Station and/ or Transmission line works” in Last 20 years of following value: 1. One work costing not less than INR 400 Crore, Or 2. Two works each costing not less than INR 250 Crore, Or 3. Three works each costing not less than INR 200 Crore. The value of work in INR or converted into INR as above from the currency other than INR shall be enhanced by 10% simple rate per annum up to the date of Bid Opening. (Equipment prices have escalated by more than 10% year on year in last 5 years)	Bid Condition shall prevail.
46	ITB	Clause 2.2.2 Specific Experience:	Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years: (i) Pooling Sub-station Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard. (ii) Transmission Line Transmission lines not less than cumulative route length of 20 kM of 400 kV Line or higher voltage level. In support of above, the bidder should provide copy of Performance / successful operation certificate for at least 2 years from the date of commissioning issued by Purchaser/ Owner of the equipment.	Successful experience of Supply, Erection, testing and Commissioning of following Electrical Infrastructure items in preceding twenty (20) years: (i) Pooling Sub-station Pooling Sub-station of at least two (02) nos. GIS/AIS Circuit Breaker equipped bays of 400 kV or higher Voltage level in one (1) Sub-station or Switchyard. (ii) Transmission Line Transmission lines not less than cumulative route length of 20 kM of 400 kV Line * or higher voltage level. <b>*A 220kV D/C Line of " X" km shall be considered equivalent to "X/2 km" of 400kV Line.</b> In support of above, the bidder should provide copy of Performance / successful operation from the date of commissioning issued by Purchaser/ Owner of the equipment.	Please refer Amendment.