

# **BRIDGE AND ROOF CO. (INDIA) LTD**

**(A Government of India Enterprise)**

.....  
.....  
.....

**Sub: Notice Inviting Tender**

Dear Sirs,

Enclosed please find a set of our Tender Document for the works mentioned hereunder:

- a) Name of Work :** Construction of LT and DC Cable Concrete blocks under Package-I for Plot-10 in connection with Balance of System (BOS)Package for Development of 600 MW (2x300 MW BLOCKS) ISTS Connected Solar PV Projects at NTPC REL Khavda Re Park-South Block in Rann of Kutchh, Gujarat.
- b) Place of Work :** NTPC REL/ Rann of Kutchh, Gujarat.
- c) Owner :** M/s. NTPC Renewable Energy Ltd.
- d) Consultant :** N/A

You are requested to submit the sealed Tender duly quoting your lowest competitive rates strictly on the basis of the terms and conditions, scope of works, schedule of quantities and rates etc. given in various Annexures and clauses of the Tender Document as per the "Instructions to the Tenderers".

The sealed Tender completed in all respect and super scribed as **Tender for Construction of LT and DC Cable Concrete blocks under Package-I for Plot-10 in connection with Balance of System (BOS)Package for Development of 600 Mw (2x300 MW BLOCKS) ISTS Connected Solar PV Projects at NTPC REL Khavda Re Park-South Block in Rann of Kutchh, Gujarat** shall reach the following address latest by **06-05-2026 by 4.00 PM** i.e. the last date of submission of the Tender.

**BRIDGE AND ROOF CO.(INDIA) LTD.,  
ROOM NO.129, NEAR NAYARA PETROL PUMP  
LUDIYA, KHAVRA, BHUJ KACHCHH  
GUJARAT-370510**

Your tender shall be kept valid initially for next 90 days from the last date of submission for our evaluation, review, processing and finalization.

Incomplete tender(s) and/or tender(s) received by us later than the above date are liable to be rejected. We shall always reserve the right to accept or cancel any or all the tenders without assigning any reasons thereof and also to split the total quantum of work and award among more than one tenderer in the manner and mode as shall be deemed fit and necessary by us.

**Yours faithfully,  
For BRIDGE AND ROOF CO. (INDIA) LTD.**

**(Jayanti Raha)  
General Manager (Electrical Engineering)  
Head (SBU-V)**

Encl. : One Set of Tender Document

**BRIDGE AND ROOF CO. (INDIA) LTD**  
**(A GOVERNMENT OF INDIA ENTERPRISE)**  
**SOLAR PV PROJECTS, NTPC REL KHAVDA, RANN OF KUTCHH, GUJARAT**

**TENDER DOCUMENT**

**FOR**

**CONSTRUCTION OF LT AND DC CABLE CONCRETE  
BLOCKS UNDER PACKAGE-I FOR PLOT-10 IN  
CONNECTION WITH BALANCE OF SYSTEM (BOS) PACKAGE  
FOR DEVELOPMENT OF 600 MW (2X300 MW BLOCKS) ISTS  
CONNECTED SOLAR PV PROJECTS AT NTPC REL KHAVDA  
RE PARK-SOUTH BLOCK IN RANN OF KUTCHH, GUJARAT.**

**Bridge and Roof Co. (India) Ltd.**  
(A Government of India Enterprise)

**CONTENTS**

<b>SL. NO.</b>	<b>ITEM DESCRIPTION</b>	<b>ANNEXURE / ENCLOSURE DETAILS</b>
1	SALIENT INFORMATION	ANNEXURE – A
2	PRE-QUALIFICATION CRITERIA	ANNEXURE – B
4.	INSTRUCTION TO TENDERERS	ANNEXURE – C
4.	GENERAL CONDITIONS OF CONTRACT (GCC)	ANNEXURE – D
5	SPECIAL CONDITIONS OF CONTRACT (SCC)	ANNEXURE – E
8	SCHEDULE OF QUANTITIES & RATES	ANNEXURE – F
9	FORMAT FOR SECURITY CUM PERFORMANCE BANK GUARANTEE	ANNEXURE – G
10	NO DEVIATION CERTIFICATE	ANNEXURE – H

**Bridge and Roof Co. (India) Ltd.**  
**(A GOVERNMENT OF INDIA ENTERPRISE)**

**ANNEXURE-A**

**SALIENT INFORMATION**

1.	<b>PROJECT</b>	Balance of System (BOS)Package for Development of 1200 Mw (4x300 MW BLOCKS) ISTS Connected Solar PV Projects at NTPC REL Khavda Re Park-South Block in Rann of Kutchh, Gujarat.
2.	<b>OWNER</b>	M/s. NTPC Renewable Energy Limited
3.	<b>PMC</b>	N/A
4.	<b>TENDER FEE</b>	<b>RS. 1000.00 + GST @18% = RS. 1180.00 (RUPEES ONE THOUSAND ONE HUNDRED EIGHTY ONLY)</b> is payable in the form of Demand Draft/Pay Order/Banker's Cheque (subject to realization) drawn on any nationalized bank, in favour of Bridge and Roof Co. (I) Ltd., payable at Kolkata, West Bengal. No A/c. Payee Cheque shall be considered.  As per F. No. 190/MECH/CORRES/VARIOUS ORG/ STAKEHOLDER/ 2021-22 Dtd. 18.04.22 of MSME Development Institute, Govt. of India, Ministry of MSME clarifies that as per PP Policy, Works Contract are not covered under PP Policy for MSME Bidders.
5.	<b>EARNEST MONEY DEPOSIT (EMD)</b>	<b>RS. 1,25,000.00 (RUPEES ONE LAKH TWENTY FIVE THOUSAND ONLY)</b> is payable in the form of Demand Draft/Pay Order/Banker's Cheque (subject to realization) drawn on any nationalized bank, in favour of Bridge and Roof Co. (I) Ltd., payable at Kolkata, West Bengal or BANK GUARANTEE (BG) IN PRESCRIBED FORMAT VALID FOR MINIMUM 06 (SIX) MONTHS FROM THE DUE DATE OF SUBMISSION OF THE BID, IN FAVOUR OF "BRIDGE AND ROOF CO. (INDIA) LTD" ALONG WITH OFFER.  As per F. No. 190/MECH/CORRES/VARIOUS ORG/ STAKEHOLDER/ 2021-22 Dtd. 18.04.22 of MSME Development Institute, Govt. of India, Ministry of MSME clarifies that as per PP Policy, Works Contract are not covered under PP Policy for MSME Bidders.
6.	<b>LAST DATE OF SUBMISSION OF TENDER</b>	06-05-2026 at 4.00 P.M
7.	<b>OPENING OF TECHNO COMMERCIAL BID (UN-PRICED PART)</b>	By Tender Committee ("In Camera") on 06-05-2026 at 17:00 Hrs. or Later.
8.	<b>VALIDITY PERIOD OF TENDER</b>	90 (Ninety) days from the date of submission of tender.
9.	<b>TENDERS TO BE SUBMITTED TO</b>	<b>BRIDGE AND ROOF CO.(INDIA) LTD.,</b> ROOM NO.129, NEAR NAYARA PETROL PUMP LUDIYA, KHAVRA, BHUJ KACHCHH GUJARAT-370510
10.	<b>COMPLETION SCHEDULE</b>	30 (Thirty) days from the Date of Placement of LOI.

**For & on behalf of the Tenderer**

**Annexure-B****CONDITION FOR QUALIFICATION CRITERIA**

<b>1.0</b>	<b><u>QUALIFICATION CRITERIA FOR THE APPLICANTS</u></b>
a.	The bidder should have successfully executed "Similar Works" of the value during the last 07 (Seven) years ending last day of the month previous to the one in which bids are invited. The bidder should fulfil either of the following experience criteria
i)	Three similar completed works each costing not less than <b>Rs. 100.00 Lac.</b>
ii)	Two similar completed works each costing not less than <b>Rs. 125.00 Lac.</b>
iii)	One similar completed work costing not less than <b>Rs. 200.00 Lac.</b>
	<b>"SIMILAR WORK"</b> shall mean concrete work in Power, Hydrocarbon(Oil/Gas) installations, Refineries, Petrochemical Plants or Fertilizer Industries or Coal/ Solar Power Plants or Hazardous Chemical Plants or any infrastructure work under NHA, BRO etc.  <b>"COMPLETED"</b> MEANS THAT WORK OF ABOVE VALUE (EXECUTED GROSS VALUE) OR TILL GROSS VALUE OF WORK EXECUTED (IN CASE OF RUNNING WORK) SHOULD HAVE BEEN COMPLETED ENDING LAST DAY OF THE MONTH PREVIOUS TO THE ONE IN WHICH BIDS ARE INVITED.
b.	The <b>Average Annual Financial Turnover</b> value not less than <b>Rs. 75.00 Lac</b> during the last 03 (Three) years ending i.e. <b>2021-22, 2022-23 &amp; 2023-24.</b>
c.	<b>Bidder submit the Photo-copy of the following documents :</b>
i)	PAN No.
ii)	The bidder should be registered with the GST Authorities and the registration certificate and latest filed Monthly / Quarterly GSTR-3B return as GST clearance certificate shall be submitted along with bid documents (Techno Commercial).
iii)	P.F/ESIC If not registered with the Concerned Department, then the Bidder should give a declaration in their Letter head along with Techno Commercial part of their Offer towards submission of the same within one month of award of Work and before releasing any Payment in their favour.
<b>2.0</b>	<b><u>DETAILS TO BE FURNISHED WITH APPLICATION :</u></b>
	The Bidders are requested to furnish the following details seriatim as under.
a.	Name, Address, details of the Organization
b.	<b>Copy of Completion Certificate</b> along with corresponding LOI/WO or any other documents mentioned in above duly certified by Client's substantiating the above nature as well as <b>Executed Value of Work &amp; Completion Date</b>
c.	Copy of <b>Audited Balance Sheet(s) / Turnover Certificate</b> duly signed by Chartered Accountant with his / her Seal, Signature & Registration Number for <b>last 03 (Three) Financial years i.e. 2022-23, 2023-24 &amp; 2024-25.</b> The year in which no Turnover is shown, would also be considered for working out the average.
d.	Photo Copy of the Acknowledgement of Current <b>Income Tax Deposition</b>
e.	Photo Copy of <b>PAN</b> Card issued by Income Tax Authority.
f.	Photo Copy of <b>GST Registration Certificate</b> <b>Note :</b> Bidder should submit the copy of last filed Monthly / Quarterly <b>GSTR-3B</b> return as GST clearance Certificate along with GST Registration Certificate with offer / THE BIDDER MUST BE GST COMPLAINT IN ALL RESPECT UNDER THE GST LAW TO EXECUTE THE AFORESAID JOB. <b>Note :</b> Moreover, Bidder, having registration in other state except Gujarat, should raise their Tax Invoice by charging IGST only.
g.	Photo Copy of <b>P. F. &amp; ESIC Registration Certificate.</b> <b>Note :</b> Bidder, if not registered with the Concerned Department, should give a declaration in their Letter head along with Techno Commercial part of their Offer towards submission of the same within one month after award of Work and before releasing any Payment in their favour.
h.	<b>Constitution and Legal status</b> along with attested copies of Deeds/Articles and Memorandum of Association etc., as applicable.

i.	Name(s) of the Owner/Partners/Promoters and Directors of the Firm/Company
j.	No Deviation Certificate

**Annexure-C****INSTRUCTION TO BIDDERS**

Tender for Construction of LT and DC Cable Concrete blocks under Package-I for Plot-10 in connection with Balance of System (BOS) Package for Development of 600 Mw (2x300 MW BLOCKS) ISTS Connected Solar PV Projects at NTPC REL Khavda Re Park-South Block in Rann of Kutchh, Gujarat.

**INSTRUCTION TO TENDERER**

1.0	<b>RS. 1000.00 + GST @18% = RS. 1180.00 (RUPEES ONE THOUSAND ONE HUNDRED EIGHTY ONLY) is payable in the form of Demand Draft/Pay Order/Banker's Cheque (subject to realization) drawn on any nationalized bank, in favour of Bridge and Roof Co. (I) Ltd., payable at Kolkata, West Bengal. No A/c. Payee Cheque shall be considered.</b>
2.0	<b>RS. 1,25,000.00 (RUPEES ONE LAKH TWENTY FIVE THOUSAND ONLY) is payable in the form of Demand Draft/Pay Order/Banker's Cheque (subject to realization) drawn on any nationalized bank, in favour of Bridge and Roof Co. (I) Ltd., payable at Kolkata, West Bengal or BANK GUARANTEE (BG) IN PRESCRIBED FORMAT VALID FOR MINIMUM 03 (Three) MONTHS FROM THE DUE DATE OF SUBMISSION OF THE BID, IN FAVOUR OF "BRIDGE AND ROOF CO. (INDIA) LTD" ALONG WITH OFFER.</b>
	<b>Tender fee is absolutely non refundable. However, EMD of unsuccessful bidders will release after closing of tender evaluation process.</b>
	<b>The successful Bidder shall accept the LOI within 3(three) days from receipt of LOI/ORDER, failing which the EMD shall be forfeited and the award of work may liable to be cancelled.</b>
3.0	<b>SUBMISSION OF BID</b>
	Bid shall be submitted <b>in two stage Four cover system:</b>
	<b>ITEM RATE</b> Bids are invited by B AND R in <b>two stage three cover system</b> from resourceful & capable tenderers fulfilling the Qualifying Criteria furnished in Annexure-B of the NIT by Bridge and Roof Co. (I) Ltd.(B AND R) on behalf of the work : <b>Construction of LT and DC Cable Concrete blocks under Package-I for Plot-10 in connection with Balance of System (BOS) Package for Development of 600 Mw (2x300 MW BLOCKS) ISTS Connected Solar PV Projects at NTPC REL Khavda Re Park-South Block in Rann of Kutchh, Gujarat.</b>
<b>Stage - I</b>	
	Containing one Copy each of following documents:
Cover - I	Bidder should submit the <b>Tender Fee, EMD, Letter of Submission (in Company's letter head); Detail of information to be furnished by the bidder and Power of Attorney in favour of the person who has signed the bid on stamp paper</b> in Technical Cover as specified in the tender.
Cover - II	a) Documents pertaining to Qualifying Criteria furnished in Annexure - B of the NIT.
	b) Signed & Stamped <b>NIT, GCC, SCC, Un priced SOQR</b> with the word " <b>Quoted</b> " written against each Item, Drawing i.e. complete NIT documents as a token of acceptance along with all other submittals as prescribed in the Bidding document.
	c) No Deviation Certificate in Bidder's Letter Head to be furnished by the bidder
	d) Format For Land Border Share.
<b>Stage- II:</b>	
<b>Financial</b> (Cover - III)	The Financial Bid format is provided in a <b>spread sheet file like BOQ &amp; RATES</b> , the rates offered should be entered on ITEM RATE basis (to be applicable on all items) on the "Quote Sheet" provided for this reason. The Financial Bid / BOQ template must not be modified / replaced by the bidder; else the bid submitted is liable to be rejected for this tender.

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT****Definition of Terms :**

The various terms appearing in the Tender Document shall have the following meaning unless they are repugnant to the context otherwise.

- a) **COMPANY** : Bridge & Roof Co.(India) Ltd. having its Registered Office at Kankaria Centre, 5th Floor, 2/1, Russel Street, Kolkata -700071.
- b) **OWNER** : M/s. NTPC Renewable Energy Limited
- c) **CONSULTANT** : N/A
- d) **BIDDER/TENDERER** : The firm/party who shall tender quotation to the Company.
- e) **CONTRACTOR** : The Bidder whose quoted offer will be accepted, either in full or in part, by the Company.
- f) **WORK(s)** : Jobs that are to be executed by the Contractor as awarded to him by the Company.
- g) **WORK ORDER/CONTRACT** : The formal letter/notification issued to the Contractor awarding the work(s) in full or in part by the Company together with the applicable terms and conditions etc. as are finally and mutually agreed to between the Company and the Contractor.
- h) **SITE/WORK SITE** : The premises where the work will be executed by the Contractor and shall include the lands, buildings, structures etc. erected thereupon.
- j) **ACCEPTING AUTHORITY** : General Manager (Electrical Engineering)/Head (SBU-V) of the Company.

1. **SCOPE OF WORK :**

The work to be carried out under this contract shall, except as otherwise provided anywhere in the condition, include all labour, materials, tools, plants, equipments and transport which may be required in preparation of and for and in the full and entire execution and completion of the works.

2. **SCHEDULE OF RATES & QUANTITIES :**

The quantum of work given in the Schedule of Rates & Quantities are only indicative and are subject to variation either individually or conjointly for which no revision in contractor's quoted rate shall be admissible i.e. quoted rates/prices shall remain valid irrespective of actual quantities to be executed.

3. **INSPECTION OF SITES :**

The Bidder shall visit and inspect the site and its surroundings and shall satisfy himself before submitting his quotation as to the nature of the ground and sub soil (so far as is practicable) the form and nature of the site and nature of work and materials necessary for the execution of the work, and the means of access to the site, the accommodation he may require and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect his quotation. No extra charges consequent on any misunderstanding or otherwise shall be allowed.

4. **SUFFICIENCY OF QUOTATION**

The Bidder shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his quotation for the works and of the rates and prices quoted in the Schedule of Quantities which rates and prices shall, except as otherwise provided, cover all his obligations and liabilities under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.

5. **PERFORMANCE BANK GUARANTEE**

The Tenderer shall submit Security Cum Performance Bank Guarantee (SPBG) towards his undertaking for the performance of the Contract as to be awarded to him, equal to 10% (Ten Percent) of the Contract Value from any Nationalized Bank in

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

Company's approved Performa. The said Security Cum Bank Guarantee shall, however, be kept valid till the end of Maintenance /Guarantee/Defect Liability Period and SPBG shall be released 90 days after defect liability period.

**6. DEVIATION/VARIATIONS**

The General Manager (Electrical Engineering)/Head (SBU-V) shall have power (i) to make alterations in, omissions from, additions to or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work and (ii) to omit a part of the works in case of non-availability of portion of the site or for any other reasons, and the Contractor shall be bound to carry out the works in accordance with any instructions given to him by the General Manager (Electrical Engineering)/Head (SBU-V) and such alterations, omissions, additions or substitutions shall form part of the Contract as if originally provided therein and any altered, additional or substituted work which the Contractor may be directed to do in the manner above specified as part of the works, shall be carried out by the Contractor on the same conditions in all respects including price on which he agreed to do the main work.

**7. SUSPENSION OF WORK**

The Contractor shall, on receipt of the order in writing of the General Manager (Electrical Engineering)/Head (SBU-V) , suspend the progress of the works or any part thereof for such time and in such manner as the General Manager (Electrical Engineering)/Head (SBU-V) may consider for any of the following reasons :

- (i) on account of any default on part of the Contractor, or
- (ii) for proper execution of the works or part thereof for reasons other than the default of the Contractor, or
- (iii) For safety of the works or part thereof.

The Contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the General Manager (Electrical Engineering)/Head (SBU-V) .

**8. COMPLETION TIME**

Time of completion of the works is the essence of the contract and Contractor shall strictly follow and adhere to the completion schedule as specified or as to be prepared and handed over to the Contractor by the General Manager (Electrical Engineering)/Head (SBU-V) after notification of acceptance of tender. The execution of the works shall commence within a reasonable period as to be decided by the General Manager (Electrical Engineering)/Head (SBU-V) from the date of issue of instruction to commence the work or from the date of handing over of the site whichever is later but not exceeding 15 (fifteen) days. If the Contractor commits default in commencing the execution of work as aforesaid, Company shall without prejudice to any other right or remedy be at liberty to take any actions which it shall deem fit and proper against the Contractor.

**9. DELAY IN EXECUTION OF WORKS**

If the Works be delayed by :

- (a) forcemajeure, or
- (b) abnormally bad weather, or
- (c) serious loss or damage by fire, or
- (d) civil commotion, local combination of workmen, strike or lock out, affecting any of the trades employed on the work, or
- (e) delay on the part of other contractors engaged by Company in executing work not forming part of the Contract, or
- (f) non-availability of stores, which are the responsibility of Company to supply, or
- (g) non-availability or break-down of tools & plants to be supplied or supplied by Company, or

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

- (h) any other cause which, in the absolute discretion of General Manager (Electrical Engineering)/Head (SBU-V) , is found as beyond the Contractor's control; then upon the happening of any such event causing delay, the contractor shall immediately give notice thereof in writing to the General Manager (Electrical Engineering)/Head (SBU-V) but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the General Manager (Electrical Engineering)/Head (SBU-V) to proceed with the works.

**10. TOOLS, PLANTS & EQUIPMENTS :**

The Contractor shall arrange at his own expense all tools, plant and equipment (hereinafter referred to as T&P) required for execution of the work other than those which are to be supplied by the company and specifically mentioned elsewhere in the Tender Document.

- 10.1 If the Contractor requires any item of T&P on hire from the company, the Company will, if such item is available, hire it to the Contractor at a rate to be fixed by the General Manager (Electrical Engineering)/Head (SBU-V) .
- 10.2 If at any time Company's T&P has not worked at all during a day except for a breakdown or has worked for less than eight hours during a day, the Contractor shall be charged for one working day.
- 10.3 If any item of Company's T&P has stopped working on account of break-down before it has worked for four hours in a day, the Contractor will be charged for half a working day. If the item has stopped working after it has worked for more than four hours but less than eight hours, the Contractor will be charged for a full working day.
- 10.4 The Contractor shall be responsible for care and custody of Company's T&P (including employment of Chowkidwar's) during the period Company's T&P remain with him and any damage (fair wear and tear excepted) to any of the equipment (except for Excepted Risks provided always the Contractor has taken precautions necessary to protect it from such risks) shall be made good at the contractor's expense to the satisfaction of the General Manager (Electrical Engineering)/Head (SBU-V) unless such damage is caused because of negligence of crew provided by the Company.
- 10.5 Company's T&P hired to the Contractor shall be returned at the place of issue (unless otherwise directed) by the Contractor to the General Manager (Electrical Engineering)/Head (SBU-V) on completion of the work or section of the work or earlier on termination of the hire by the Company as hereinafter provided on a written notice by the General Manager (Electrical Engineering)/Head (SBU-V) . The Company shall be entitled to terminate the hire on two days' notice without assigning any reason whatsoever and the Contractor shall have no claim to any payment of compensation or otherwise whatsoever on account of termination of hire of Company's T&P by the Company.
- 10.6 If Owner's/Client's T&P are given to the Contractor on hire for execution of the work through the Company, the same charges/rents as would be levied on the Company shall be charged for hiring of T&P from Owner/Client will also apply in the case of the Contractor without any alteration.

**11. MATERIALS**

The Contractor shall at his own expense, provide all materials required for the work other than those which are to be supplied by the Company and specifically mentioned elsewhere in this Tender Documents.

- 11.1 All materials to be provided by the Contractor shall be in conformity with the specifications laid down in the contract and the Contractor shall, if requested by the General Manager (Electrical Engineering)/Head (SBU-V) , furnish proof to the satisfaction of him that the materials so comply.
- 11.2 The Contractor shall, at his own expense and without delay, supply to the General Manager (Electrical Engineering)/Head (SBU-V) samples of materials proposed to be used in the works. The General Manager (Electrical Engineering)/Head (SBU-V) shall within seven days of supply of samples or within such further period as he may require intimate to the

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

Contractor in writing/inform the Contractor whether samples are approved by him or not. If samples are not approved, the Contractor shall forthwith arrange to supply to the General Manager (Electrical Engineering)/Head (SBU-V) for his approval fresh samples complying with the specification laid down in the Contract.

- 11.3 The General Manager (Electrical Engineering)/Head (SBU-V) shall have full powers to require removal of any or all the materials brought to site by the Contractor which are not in accordance with the Contract specifications or do not conform in character or quality to samples approved by him. In case of default on the part of the Contractor in removing rejected materials the General Manager (Electrical Engineering)/Head (SBU-V) shall be at liberty to have them removed by other means. The General Manager (Electrical Engineering)/Head (SBU-V) shall have full powers to procure other proper materials to be substituted for rejected materials and in the event of the contractor refusing to comply, he may arrange to supply by other means. All costs, which may attend upon such removal and/or substitution shall be borne by the contractor.
- 11.4 All charges on account of transportation, octroi, terminal or sales tax and other duties on materials obtained for the works from any source (including materials supplied by the Company) shall be borne by the Contractor.

**12. MATERIALS SUPPLIED BY COMPANY:**

- 12.1 Contractor shall submit to the Company from time to time as directed by General Manager (Electrical Engineering)/Head (SBU-V) or on completion, the reconciliation statement in the proforma and manner to be specified by General Manager (Electrical Engineering)/Head (SBU-V) , showing thereon the consumption of materials issued to the Contractor by the Company for incorporation and fixing in the works including preparatory work. Permissible wastage allowance for material appropriation shall be same as to be approved by General Manager (Electrical Engineering)/Head (SBU-V) . Cost of any wastage beyond permissible limit shall be charged to the Contractor at the rates as to be decided by the General Manager (Electrical Engineering)/Head (SBU-V) . In all cases, however, the Contractor shall, at his expenses, return the wastage/surplus materials to the Company at the place of issue.
- 12.2 In case, any materials are supplied by the Company to the Contractor on chargeable basis/issue rates, the following provisions will apply :
- i. For the materials which the Company has agreed to supply to the Contractor, he shall give a reasonable notice in writing of his requirements to the General Manager (Electrical Engineering)/Head (SBU-V) in accordance with the agreed phased programme. Such materials shall be supplied for the purposes of the contract only and the value of materials so supplied at the rates specified shall be set off or deducted, as and when materials are consumed in items of work for which payment is being made to the Contractor, under the Contract. At the time of submission of bills the Contractor shall properly account for the materials issued to him to the satisfaction of the General Manager (Electrical Engineering)/Head (SBU-V) , certify that balance of materials supplied are available at site.
  - ii. The Contractor shall bear the cost of loading, transporting to site, unloading, storing under cover as required, assembling and joining the several parts together as necessary and incorporating of fixing materials in the works including all preparatory work of whatever description as may be required.
  - iii. All materials issued to the Contractor by the Company for incorporation or fixing in the works (including preparatory work) shall, on completion or on foreclosure of the works, be returned by the Contractor at his expense, at the place of issue, after making due allowance for actual consumption, reasonable wear and tear and/or waste.
  - iv. Surplus materials in acceptable sizes returned by the Contractor shall be credited to him by the General Manager (Electrical Engineering)/Head (SBU-V) at rates not exceeding those at which rates these were originally issued to him after taking into consideration any deterioration or damage which may have been caused to the said

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

materials whilst in custody of the contractor.

- v. If on completion of works the Contractor fails to return surplus materials out of those supplied by the Company, then in addition to any other liability which the Contractor would incur, the General Manager (Electrical Engineering)/Head (SBU-V) may, by a written notice to the Contractor, require him to pay within a fortnight of receipt of the notice, for such unreturned surplus materials at double the issue rates.
- 12.3 Materials required for the works, whether brought by the Contractor or supplied by the Company, shall be stored by the Contractor only at places approved by the General Manager (Electrical Engineering)/Head (SBU-V) , storage and safe custody of materials shall be the responsibility of the Contractor.
- 12.4 Company's officials concerned with the contract shall be entitled at any time to inspect and examine any materials intended to be 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(s) where these are lying or from which these are being obtained and the Contractor shall give such facilities as may be required for such inspection and examination.
- 12.5 All materials brought to the site shall become and remain the property of the Company and shall not be removed off the site without the prior written approval of the General Manager (Electrical Engineering)/Head (SBU-V) . But wherever the works are finally completed and advance if any, in respect of any such materials is fully recovered, the Contractor shall at his own expense forthwith remove from the site all surplus materials originally supplied by him and upon such removal, the same shall remain in and become the property of the Contractor.
13. **LABOUR**  
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 and to the satisfaction of the General Manager (Electrical Engineering)/Head (SBU-V) . The Contractor shall not employ in connection with the works any person who has not completed his fifteen years of age.
- 13.1 The Contractor shall furnish to the General Manager (Electrical Engineering)/Head (SBU-V) at the regular intervals, a distribution return of the number and description by trades of the work people employed on the works. The Contractor shall also submit on the 4th and 19th of every month to the General Manager (Electrical Engineering)/Head (SBU-V) a true statement showing in respect of the second 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 of Rules made thereunder and the amount paid to them.
- 13.2 The Contractor shall pay to labour employed by him wages not less than fair wages as defined in the Contract Labour Regulation & Abolition Act.
- 13.3 The Contractor shall in respect of labour employed by him comply with or cause to be complied with the Contract Labour Regulation Act in regard to all matters provided therein.
- 13.4 The Contractor shall comply with the provisions of the payment of Wages Act, 1936, Minimum Wages Act, 1948, Employer's Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefit Act, 1961 and Mines Act, 1952 or any modifications thereof or any other law relating thereto and rules made thereunder from time to time.
- 13.5  
a) The Contractor shall be liable to pay his contribution and the Employee's contribution to the State Insurance Scheme in respect of all labour employed by him for the execution of the Contract, in accordance with the provision of "The Employee's State Insurance Act, 1948" as amended from time to time. In case the Contractor fails to submit full details of his account of labour employed and the contribution payable, the General Manager (Electrical

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

Engineering)/Head (SBU-V) shall recover from the running bills of Contractor and amount of contribution as assessed by him. The amount so recovered shall be adjusted against the actual contribution payable for Employees State Insurance.

- b) The contractor must obtain, within the quoted rates, individual codes in respect of Employees Provident Fund (EPF). Details of individual codes obtained by contractor are to be submitted to the company for entry pass for his workers & Employees and shall deposit the EPF amount deducted from his workers & employees alongwith employer's contribution the Provident Fund and Challans to be submitted alongwith Running Account Bill to facilitate release of payment.
- 13.6 The General Manager (Electrical Engineering)/Head (SBU-V) shall on a report having made by an Inspecting Officer as defined in the Contract Labour Regulation Act have the power to deduct from the money due to the Contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reasons of non-fulfillment of the Conditions of Contract for the benefit of workers, non-payment of wages or of deduction made from his or their wages which are not justified by the terms of the Contract or non-observance of the said Contract Labour Regulation Act and Rules framed there under.
- 13.7 In the event of the Contractor committing a default or breach of any of the provisions of the aforesaid Contract Labour Regulation Act, as amended from time to time or furnishing any information of submitting or filling any Form/Register/Slip under the provisions of these Regulations which is materially incorrect then on the report of the Inspecting Officer as defined in the Contract Labour Regulation Act, the Contractor shall without prejudice to any other liability pay to the Company a sum as applicable as per prevailing rules as liquidated damages for every default, breach or furnishing, making, submitting, filling materially incorrect statement as may be fixed by the General Manager (Electrical Engineering)/Head (SBU-V) and in the event of the contractor's default continuing in this respect, the liquidated damages may be enhanced for each day of default subject to a maximum percent of the estimated cost of the works put to tender. The General Manager (Electrical Engineering)/Head (SBU-V) shall deduct such amount from bills or security deposit of the Contractor and credit the same to the Welfare Fund constituted under Regulations. The decision of the General Manager (Electrical Engineering)/Head (SBU-V) in this respect shall be final and binding.
- 13.8 The Contractor shall at his own expense with or cause to be complied with Model Rules for Labour Welfare framed by Government from time to time 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 arrangement as aforesaid, the General Manager (Electrical Engineering)/Head (SBU-V) shall be entitled to do so and recover the cost thereof from the Contractor.
- 13.9 The Contractor shall at his own expense arrange for the safety provisions as required by the General Manager (Electrical Engineering)/Head (SBU-V) , 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 General Manager (Electrical Engineering)/Head (SBU-V) shall be entitled to do so and recover the cost thereof from the Contractor.
- 13.10 Failure to comply with Model Rules for Labour Welfare, Safety Code or the provisions relating to report on accidents and to grant of maternity benefits to female workers shall make the Contractor liable to pay to the Company as liquidated damages as applicable as per prevailing rules for each default or materially incorrect statement. The decision of the General Manager (Electrical Engineering)/Head (SBU-V) in such matters based on reports from the Inspecting Officers as defined in the Contract Labour Regulation Act as appended to these conditions shall be final and binding and deductions for recovery of such liquidated damages may be made from any amount payable to the Contractor.

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT****14. POSSESSION OF SITE BY CONTRACTOR**

The Contractor shall not be permitted to enter on (other than for inspection purposes) or take possession of the site until instructed to do so by the General Manager (Electrical Engineering)/Head (SBU-V) in writing. The portion of the site to be occupied by the Contractor shall be defined and/or marked on the site plan, failing which these shall be indicated by the General Manager (Electrical Engineering)/Head (SBU-V) at site and the Contractor shall on no account be allowed to extend his operations beyond these areas. In respect of any land allotted to the Contractor for purposes of or in connection with the Contract the Contractor shall be a licensee subject to the following and such other terms and conditions as may be imposed by the licensor :

- i. that he shall pay a nominal licence fee per year or part of a year for use and occupation, in respect of each and every separate area or land allotted to him.
- ii. that such use or occupation shall not confer any right of tenancy of the land to the Contractor.
- iii. that the Contractor shall be liable to vacate the land on demand by the General Manager (Electrical Engineering)/Head (SBU-V) .
- iv. that the Contractor shall have no right to any construction over this land without the written permission of the General Manager (Electrical Engineering)/Head (SBU-V) . In case, he is allowed to construct any structure he shall have to demolish and clear the same before handing over the completed work unless agreed to the contrary.

- 14.1 The Contractor shall provide, if necessary or if required on the site, all temporary access thereto and shall alter, adopt and maintain the same as required from time to time and shall take up and clear them away as and when no longer required and as and when ordered by the General Manager (Electrical Engineering)/Head (SBU-V) and make good all damages done to the site.

**15. SETTING OUT WORKS**

The General Manager (Electrical Engineering)/Head (SBU-V) shall supply drawings, levels and other information necessary to enable the Contractor to set out the works and be responsible for the accuracy of the same. He shall amend at his own cost and to the satisfaction of the General Manager (Electrical Engineering)/Head (SBU-V) any error found at any stage which arise through inaccurate setting out unless such error is based on incorrect data furnished in writing by the General Manager (Electrical Engineering)/Head (SBU-V) , in which case the cost of rectification shall be borne by the Company. The Contractor shall protect and preserve all benchmarks used in setting out the works till end of the Defects Liability period unless the General Manager (Electrical Engineering)/Head (SBU-V) directs their removal.

**16. MATERIALS OBTAINED FROM EXCAVATION**

Materials of any kind obtained from excavation on the site shall remain the property of the Company and shall be disposed of as the General Manager (Electrical Engineering)/Head (SBU-V) may direct.

All fossils, coins, articles of value of antiquity and structures and other remains or things of geological or archaeological interest discovered on the site shall be the absolute property of the Company and the Contractor shall take reasonable precautions to prevent his workmen or any other person from removing or damaging any such article or thing shall immediately upon discovery thereof and before removal acquaint the General Manager (Electrical Engineering)/Head (SBU-V) with such discovery and carry out the General Manager (Electrical Engineering)/Head (SBU-V) 's directions as to the disposal of the same at the expense of the Company.

**17. WATCHING & LIGHTING**

The Contractor shall provide and maintain at his own expense all lights, guards fencing and watching when and where necessary or required by the General Manager (Electrical Engineering)/Head (SBU-V) for the protection of the works or for the safety and

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

convenience of these employed on the works or the public.

**18. CONTRACTOR'S SUPERVISION**

The Contractor shall either himself supervise the execution of the works or shall appoint a competent agent approved by the General Manager (Electrical Engineering)/Head (SBU-V) , if the Contractor has himself not sufficient knowledge and experience to be capable of receiving instructions or cannot give his full attention to the works, then the Contractor shall at his own expense employ as his accredited agent an engineer approved by the General Manager (Electrical Engineering)/Head (SBU-V) . Orders given to the Contractor's agent to the Contractor himself. If the Contractor fails to appoint a suitable agent as directed by the General Manager (Electrical Engineering)/Head (SBU-V) , the General Manager (Electrical Engineering)/Head (SBU-V) shall have full powers to suspend the execution of the works until such date as suitable agent is appointed and the Contractor shall be held responsible for the delay so caused to the works.

**19. INSPECTION & APPROVAL**

All works embracing more than one process shall be subject to examine & approval at each stage thereof and the Contractor shall give due notice to the General Manager (Electrical Engineering)/Head (SBU-V) or his authorized representative when each stage is ready. In default of such notice, the General Manager (Electrical Engineering)/Head (SBU-V) shall be entitled to appraise the quality and extent thereof.

19.1 No work shall be covered up or put out of view without the approval of the General Manager (Electrical Engineering)/Head (SBU-V) or his authorized 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 General Manager (Electrical Engineering)/Head (SBU-V) or his authorized representative whenever any such work or foundation is ready for examination and the General Manager (Electrical Engineering)/Head (SBU-V) or his representative shall without unreasonable delay, unless he considers it unnecessary and advises the Contractor accordingly, attend for the purpose of examining and measuring such work or of examining such foundations. In the event of the failure of the Contractor to give such notice he shall, if required by the General Manager (Electrical Engineering)/Head (SBU-V) , uncover such work at the Contractor's expense.

19.2 Company's/Owner's representatives concerned with the Contract shall have powers at any time to inspect and examine any part of the works and the Contractor shall give such facilities as may be required for such inspection and examination.

**20. POWERS OF GENERAL MANAGER (ELECTRICAL ENGINEERING)/HEAD (SBU-V) 'S REPRESENTATIVE**

The duties of the representatives of the General Manager (Electrical Engineering)/Head (SBU-V) , 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. He shall have no authority to order any work involving any extra payment by the Company nor to make any variation in the works.

20.1 The General Manager (Electrical Engineering)/Head (SBU-V) may from time to time delegate to his representative any of the powers and authorities vested in the General Manager (Electrical Engineering)/Head (SBU-V) 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 General Manager (Electrical Engineering)/Head (SBU-V) to the Contractor within the terms of such delegation shall bind the Contractor and the Company as through it had been given by the General Manager (Electrical Engineering)/Head (SBU-V) .

20.2 Failure of the Representative of the General Manager (Electrical Engineering)/Head (SBU-V) to disapprove any work or materials shall not prejudice the power of the General

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

Manager (Electrical Engineering)/Head (SBU-V) thereafter to disapprove such work or materials & to order the pulling down, removal or breaking up thereof.

- 20.3 If the Contractor shall be dissatisfied with any decision of the Representative of the General Manager (Electrical Engineering)/Head (SBU-V) he shall be entitled to refer the matter to the General Manager (Electrical Engineering)/Head (SBU-V) who shall thereupon confirm, reverse or vary such decision.

21. **REMOVAL OF WORKMEN**

The Contractor shall employ in and about the execution of the works only such persons as are skilled and experienced in their several trades and the General Manager (Electrical Engineering)/Head (SBU-V) shall be at liberty to object to and require the Contractor to remove from the works any persons employed by the Contractor in or about the execution of the works who in the opinion of the General Manager (Electrical Engineering)/Head (SBU-V) misconducts himself or is incompetent or negligent in the proper performance of his duties and such person shall not be again employed upon the works without permission of the General Manager (Electrical Engineering)/Head (SBU-V) .

22. **WORK DURING NIGHT OR ON SUNDAYS & HOLIDAYS**

Subject to any provisions to the contrary contained in the Contract, none of the permanent works shall be carried out during night or on Sundays or on authorized Holidays without the permission in writing of the General Manager (Electrical Engineering)/Head (SBU-V) except when the work is unavoidable or absolutely necessary for the safety of life, property of works in which case the Contractor shall immediately advise the General Manager (Electrical Engineering)/Head (SBU-V) accordingly.

23. **COMPLETION CERTIFICATE**

As soon as the work is completed, the Contractor shall give notice of such completion to the General Manager (Electrical Engineering)/Head (SBU-V) and within a reasonable period of receipt of such notice the General Manager (Electrical Engineering)/Head (SBU-V) shall inspect the work and shall furnish the Contractor with a certificate of completion indicating (a) the date of completion (b) defects to be rectified by the Contractor and/or (c) items for which payment shall be made at reduced rates. When separate periods of completion have been specified for items or groups of items, the General Manager (Electrical Engineering)/Head (SBU-V) shall issue separate completion certificates for such item or groups of items. No certificate of completion shall be issued, nor shall the work be considered to be complete till the Contractor shall have removed from the premises on which the work has been executed all scaffolding, sheds and surplus materials, except such as are required for rectification of defects, rubbish and all huts and sanitary arrangements required for his workmen in the site in connection with the execution of the work, as shall have been erected by the Contractor or the workmen and cleaned all dirt from the parts of building(s) in upon or about which the work has been executed or of which he may had possession for the purpose of the execution thereof and cleaned floors, gutters and drains, eased doors and sashes, oiled locks fastening labelled keys clearly and handed them over to the General Manager (Electrical Engineering)/Head (SBU-V) or his Representative and made the whole premises fit for immediate occupation or use to the satisfaction of the General Manager (Electrical Engineering)/Head (SBU-V) . If the Contractor shall fail to comply with any of the requirements of this conditions as aforesaid, on or before the date of completion of the works, the General Manager (Electrical Engineering)/Head (SBU-V) may at the expense of the Contractor fulfil such requirements and dispose of the scaffoldings, surplus materials and rubbish etc. as he thinks fit and the Contractor shall have no claim in respect of any such scaffolding or surplus materials except for any sum actually realised by the sale thereof less the cost of fulfilling the requirements and any other amount that may be due from the Contractor. If the expense of fulfilling such requirements is more than the amount realised on such disposal as aforesaid, the Contractor shall forthwith on demand pay such excess to the Company.

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

- 23.1 If at any time before completion of the entire work, items or groups of items for which periods of completion have been specified, have been completed, the General Manager (Electrical Engineering)/Head (SBU-V) with the consent of the Contractor takes possession of any part or parts of the same then notwithstanding anything expressed or implied elsewhere in this Contract:
- Within ten/thirty days of the date of completion of such items or groups of items or possession of the relevant part the General Manager (Electrical Engineering)/Head (SBU-V) shall issue completion certificate for the relevant part as in condition above provided the Contractor fulfils his obligations under that condition for the relevant part.
  - The Defects Liability Period in respect of such items and the relevant part shall be deemed to have commenced from the certified date of completion of such items or the relevant part as the case may be.
24. **COMPENSATION FOR DELAY**
- If the Contractor fails to maintain the required progress or to complete the work and clear the site on or before the contract or extended date/period of completion he shall, without prejudice to any other right or remedy of the Company on account of such breach, pay as agreed compensation amount calculated as to be stipulated or such smaller amount as be fixed by the authority on the contract value of the work for every week that the progress remains below that specified or that the work remains incomplete.
- This will also apply to items or group of items for which separate period of completion has been specified.
- For this purpose the term 'Contract Value' shall be the value at contract rates of the work as ordered.
- 24.1 Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed the specified limit of the Contract value or of the Contract value of the item or group of items of work for which a separate period of completion is given.
- 24.2 The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Company.
25. **DEFECTS LIABILITY PERIOD**
- The Contractor shall guarantee and maintain the works for a period of twelve months or specifically mentioned elsewhere in the Tender, after the date of issue of completion certificate by the General Manager (Electrical Engineering)/Head (SBU-V) which will be reckoned as Defect Liability/ Maintenance period of the works. The Contractor shall be responsible to make good and remedy at his own expenses within such period as may be stipulated by the General Manager (Electrical Engineering)/Head (SBU-V) , any defect which may develop or may be noticed before the expiry of Defect Liability/Maintenance Period.
26. **CONTRACTOR'S LIABILITY & INSURANCE**
- From commencement to completion of the works, the Contractor shall take full responsibility for the case thereof & for taking precautions to prevent loss or damage & to minimize loss or damage to the greatest extent possible and shall be liable for any damage or loss that may happen to the works or any part thereof and all Company's T&P from any cause whatsoever (save and except the Excepted Risks) and shall at his own cost repair and make good the same so that at completion, the works and all company's T&P shall be in good order and condition and in conformity in every respect with requirements of the Contract and instructions of the General Manager (Electrical Engineering)/Head (SBU-V) .
27. **FACILITIES TO OTHER CONTRACTOR**
- The Contractor shall, in accordance with the requirements of the General Manager (Electrical Engineering)/Head (SBU-V) , afford all reasonable facilities to other contractor engaged contemporaneously on separate contracts in connection with the works and for

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

departmental labour and labour of any other property authorized authority or statutory body which may be employed at the site on execution of any work not included in the Contract or of any contract which the Company may enter into in connection with or ancillary to the works.

**28. NOTICES TO LOCAL BODIES :**

- (i) The Contractor shall comply with and give all notice required under any Governmental authority, instrument, rule or order made under any Act of Parliament, State laws or any regulation of bye laws of any local authority relating to the works. He shall before making any variation from the Contract drawing necessitated by such compliance give to the General Manager (Electrical Engineering)/Head (SBU-V) a written notice giving reasons for the proposed variation and obtain the General Manager (Electrical Engineering)/Head (SBU-V) 's instruction therein.
- (ii) The Contractor shall pay and indemnify the Company against any liability in respect of any fees or charges payable under any Act of Parliament, State laws or any Government instrument, rule or order and any regulations or bye-laws of any local authority in respect of works.

**29. SUB-CONTRACT:**

The Contractor shall not sublet any portion of the contract without the prior written approval of the Accepting Authority.

**30. INSTRUCTIONS & NOTICES**

- (i) Subject or otherwise provided in this Contract, all notices to be given on behalf of the Company and all other actions to be taken on its behalf may be given or taken by the General Manager (Electrical Engineering)/Head (SBU-V) or any officer for the time being entrusted with the functions, duties and powers of the General Manager (Electrical Engineering)/Head (SBU-V) .
- (ii) All instructions, notice and communications etc. under the Contract shall be given in writing and if sent by registered post to the last known place of above business of the Contractor shall be deemed to have been served on the date when in the ordinary course of post these would have been delivered to him.
- (iii) The Contractor or his Agent shall in attendance at the Site(s) during all working hours and shall superintend the execution of the works with such additional assistance in each trade as the General Manager (Electrical Engineering)/Head (SBU-V) may consider necessary. Orders given to the Contractor's Agent shall be considered to have the same force as if they had been given to the Contractor himself.

**31. FORECLOSURE**

If at any time after acceptance of the tender the Company shall decide to abandon or reduce the scope of the works for any reason whatsoever & hence not require the whole or any part of the works to be carried out, the General Manager (Electrical Engineering)/Head (SBU-V) shall give notice to that effect to the contractor & 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 did not derive in consequence of the foreclosure of the whole or part of the works.

31.1 The Contractor shall be paid at Contract rates full amount for works executed at site & in addition, a reasonable amount as certified by the General Manager (Electrical Engineering)/Head (SBU-V) for the item hereunder mentioned which could not be utilized on the work to the full extent because of the foreclosure:

- (a) Any expenditure incurred on preliminary site work, e.g. temporary access roads, temporary labour huts, staff quarters & site office, storage accommodation and water storage tanks.
- (i) The Company shall have the option to take over Contractor's materials or any part

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

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 Company shall be bound to take over the materials or such portions thereof as the Contractor does not desire to retain. For materials taken over or to be taken over by the Company, cost of such materials. The cost shall, however, take into account purchase, price, transportation & 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 Company 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 supplied by the Company are rendered surplus, the same except normal wastage shall be returned by the contractor to the Company at rates not exceeding those at which these were originally issued less allowance for any deterioration or damage which may have been caused whilst the materials were in the custody of the Contractor. In addition, cost of transporting such materials from site to the Company stores, if so required by the Company.
- (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 transportation shall be payable.

31.2 The Contractor shall, if required by the General Manager (Electrical Engineering)/Head (SBU-V) , 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.

32. **TERMINATION OF CONTRACT FOR DEATH**

If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies and if the Contractor is a partnership concern and one of the partners does then unless the Accepting Authority 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 Accepting Authority shall be entitled to cancel the Contract as to its incompleting part without the Company being in any way liable to payment of any compensation to the estate of the deceased Contractor and/or to the surviving partners of the Contractor's firm on account of the cancellation of the Contract. The decision of the Accepting Authority that the legal representatives of the deceased to the surviving partners of the Contractor's firm cannot carry out and complete the Contract shall be final and binding on the Parties. In the event of such cancellation the Company shall not hold the estate of the deceased Contractor and/or the surviving partners of the Contractors firm liable in damaged for not completing the Contract.

33. **CANCELLATION OF CONTRACT :**

- (i) If the Contractor :
  - a) at any time makes default in proceeding with the works with due diligence and continues to do so after a notice in writing of 7 days from the General Manager (Electrical Engineering)/Head (SBU-V) , or
  - b) commits default in completing with any of the terms and conditions of the Contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the General Manager (Electrical Engineering)/Head (SBU-V) , or
  - c) fails to complete the works or items of work with individual dates of completion, on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the General Manager (Electrical

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

- Engineering)/Head (SBU-V) , or
- d) shall offer to give or agree to give to any person in Company's service or to any other person on his behalf any gift of consideration of any kind as an inducement or reward for doing or for bearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other Contract for the Company, or
- e) shall enter into a Contract with the Company in connection with which omission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have previously been disclosed in writing to the Accepting Authority/General Manager (Electrical Engineering)/Head (SBU-V) .
- f) shall obtain a contract with the Company as a result or ring tendering or other non-bonafied methods of competitive tendering, or
- g) being an individual, or if 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 or composition (other than a voluntary 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 so 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
- h) being a, Company, shall pass a resolution or the Court shall make an order the liquidation of his 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
- i) shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days, or
- j) assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be 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 Accepting Authority, the Accepting Authority may, without prejudice to any other right to remedy which shall have accrued or shall accrue thereafter; the Company by written notice cancel the Contract as a whole or only such items or work in default from the Contract.
- (ii) The Accepting Authority shall on such cancellation have powers to :
- a) take possession of the site and any materials constructional plant, implements, stores, etc., thereon and/or
- b) carry out the incomplete work by any means at the risk and cost of the Contractor.
- (iii) On cancellation of the Contract in full or in part the General Manager (Electrical Engineering)/Head (SBU-V) shall determine what amount, if any, is recoverable from the Contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss or damage suffered by the Company. In determining the amount, credit shall be given to the Contractor for the value of the work executed by him up to the time of cancellation, the value of Contractor's materials taken over and incorporated in the work, and use of tackle and machinery belonging to the Contractor.
- (iv) Any excess expenditure incurred or to be incurred by the Company in completing the works or part of the works or the excess loss or damages suffered or may be suffered by the Company as aforesaid after allowing such credit shall be recovered from any money due to the Contractor on any account, and if such money are not sufficient the Contractor shall be called upon in writing to pay the same within 30 days.
- (v) If the Contractor shall fail to pay the required sum within the aforesaid period of 30 days, the General Manager (Electrical Engineering)/Head (SBU-V) shall have the right to sale any or all of the Contractor's unused materials, constructional plant

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

implements, temporary buildings 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 be any balance outstanding from the Contractor, it shall be recovered in accordance with the provisions of the Contract.

- (vi) Any sums in excess of the amounts due to the Company and unsold materials, constructional plant, etc. shall be returned to the Contractor, provided always that if cost or anticipated cost of completion by the Company of the works or part of the works is less than the amount which the Contractor would have been paid had been completed the works or part of the works, such benefit shall not accrue to the Contractor.

34. **LIABILITY FOR DAMAGE, DEFECTS OR IMPERFECTIONS & RECTIFICATION THEREOF:**

If the Contractor or his workmen or employees shall injure or destroy any part of the building in which they may be working or any building, road, fence etc. contiguous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work while in progress the Contractor shall upon receipt of a notice in writing in that behalf make the same good at his own expenses. If it shall appear to the General Manager (Electrical Engineering)/Head (SBU-V) 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 work are unsound or of a quality inferior to that contract for, or otherwise not in accordance with the Contract, or that any defect, shrinkage or other faults have appeared 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 General Manager (Electrical Engineering)/Head (SBU-V) forthwith rectify or remove and re-construct the work so specified in whole or part as the case may be and/or remove the materials or articles so specified and provide other proper and suitable materials or articles at his own expense, notwithstanding that the same may have been inadvertently passed, certified and paid for and in the event of his failing to do so within the period to be specified by the General Manager (Electrical Engineering)/Head (SBU-V) in his notice aforesaid, the General Manager (Electrical Engineering)/Head (SBU-V) may rectify or remove and re-execute the work and/or remove and replace with other materials or articles so specified and provide other proper and suitable materials or articles at his own expense, notwithstanding that the same may have been inadvertently passed, certified and paid for and in the event of his failing to do so within the period to be specified by the General Manager (Electrical Engineering)/Head (SBU-V) in his notice aforesaid, the General Manager (Electrical Engineering)/Head (SBU-V) may rectify or remove and re-execute the work and/or remove and replace with other materials or articles complained of, as the case may be, by other means at the risk and expense of the Contractor.

35. **URGENT WORKS**

If any urgent work (in respect whereof the decision of the General Manager (Electrical Engineering)/Head (SBU-V) shall be final and binding) becomes necessary and the Contractor is unable or unwilling at once to carry it out, the General Manager (Electrical Engineering)/Head (SBU-V) may be his own or other work people, carry it out as he may consider necessary. If the urgent work shall be such as the Contractor is liable under the Contract to carry out at his expense, all expenses incurred on it by the Company shall be recoverable from the Contractor and be adjusted or set off against any such payable to him.

36. **RECORDS & MEASUREMENT**

- (i) The General Manager (Electrical Engineering)/Head (SBU-V) shall except as

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

otherwise stated ascertain and determine by measurement the value in accordance with the Contract or work done in accordance therewith.

- (ii) All items having a financial value shall be entered in Measurement Book, level book etc. prescribed by the Company so that a complete record is obtained of all work performed under the Contract.
- (iii) Measurement shall be taken jointly by the General Manager (Electrical Engineering)/Head (SBU-V) or his authorized representative and by the Contractor or his authorized representative.
- (iv) Before taking measurements of any work the General Manager (Electrical Engineering)/Head (SBU-V) or the person deputed by him for the purpose shall give a reasonable notice to the Contractor. If the Contractor fails to attend or send an authorized representative for measurement after such a notice or fails to countersign or to record the objection within a week from the date of measurement, then in any such event measurement taken by the General Manager (Electrical Engineering)/Head (SBU-V) or by the person deputed by him shall be taken to be correct measurements of the work.
- (v) The Contractor shall, without extra charge provide assistance with every appliance labour, and other things necessary for measurement.
- (vi) Measurements shall be signed and dated by both parties each day on the site on completion of measurement. If the Contractor objects to any of the measurement recorded on behalf of the Company 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.

**37. METHODS OF MEASUREMENT**

Except where any general or detailed description of the work in quantities expressly those to the contrary, Schedule of Quantities shall be deemed to have been prepared and measurements shall be taken in accordance with the procedure set forth in the Schedule of Rates/Specification notwithstanding any provision in the relevant standard method of Measurement or any general or local custom. In the case of items which are not covered by the Schedule of Rates/Specification measurements shall be taken in accordance with the relevant Standard Method of Measurement issued by the Indian Standard Institution.

**38. ON ACCOUNT PAYMENT**

- (i) Interim bills shall be submitted by the Contractor at intervals as to be specified on or before the date fixed by the General Manager (Electrical Engineering)/Head (SBU-V) for the work executed. The General Manager (Electrical Engineering)/Head (SBU-V) shall then arrange to have the bill certified by taking or causing to be taken, where necessary, the requisite measurements of the work.
- (ii) Payment on account for amount admissible shall be made on the General Manager (Electrical Engineering)/Head (SBU-V) certifying the sum to which the Contractor is considered entitled by way of interim payment.
- (iii) Any interim certificate given relating to work done or materials delivered may be modified or corrected by any subsequent interim certificate or by the final certificate. No certificate of the General Manager (Electrical Engineering)/Head (SBU-V) supporting an interim payment shall itself be of conclusive evidence that any work or materials to which it relates is/are in accordance with the Contract.
- (iv) Pending consideration of extension of date of completion interim payments shall continue to be made as herein provided.

**39. FINAL BILL PAYMENT :**

- (i) The final bill shall be submitted by the Contractor within three months of physical completion of the works. No further claims shall be made by the Contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payment of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and at rates as approved by General

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

Manager (Electrical Engineering)/Head (SBU-V) , shall be made within the period specified.

- (ii) After payment of the amount of the final bill payable as aforesaid has been made, the Contractor may, if he so desires, reconsider his position in respect of the disputed portion of the final bill and if he fails to do so within 90 days, his disputed claim shall be dealt with as provided in the Contract.

**40. INCOME TAX:**

Income Tax will be deducted by cash at source from Contractor's all bills as per Income Tax Act & Rules framed thereunder at such rates as may be applicable from time to time.

**41. ARBITRATION:**

B&R confidently feel that there shall not arise any disputes or differences during execution and completion of the order /Contract by the Contractor(s).

However, in the event of any disputes or differences arise between Company (B&R) and Contractor(hereinafter called the said parties) touching or concerning the interpretation of the terms and conditions as performance of the order / contract or in connection therewith or the rights and liabilities of either of the said parties hereto, the said parties shall endeavor to settle the same amicably through mutual agreement between them, but if the mutual settlement is not possible between the Company & the Contractor, the provisions of the Indian Arbitration & Conciliation Act,1996 and all statutory re-enactment & modifications thereof and the rules made there under shall apply to such arbitration's.

In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts and commercial agreements (except Income Tax, Customs excise duty and also concerning railways), such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary of the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may take a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India.

Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary/ Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

Subject to any amendment that may be carried out by the Government of India from time to time, the procedure to be followed in the arbitration shall be as mentioned above, which is as per O.M. No. 4(1)/2011-DPE(PMA)GL dated 12.06.2013. of Department of Public Enterprises, Ministry of Heavy Industries and Public Enterprises, Govt. of India or any modification issued in this regard.

**ACCEPTANCE OF BID :**

Acceptance of Client/Owner of the project is a pre-requisite for consideration of Bidder's offer by B&R for this Tender/Commercial Agreements etc.. Accordingly Bidder(s) not acceptable to B&R's Client/Owner shall not be considered & their offer shall be rejected by B&R. No correspondence & claim etc. from the Bidder in pursuant to the Tender/Commercial Agreements shall be entertained by B&R under any circumstances what so ever.

**42. EXTRA CLAIMS:**

Notwithstanding anything contained in the contract, it should be clearly noted that no extra claim lodged/to be lodged by the Contractor shall be entertained by the Company in pursuant to this Contract. Nevertheless, if the Contractor insists and raises any extra claim bills, the Company shall pursue with the Owner in good faith, settlement of rates for Extra Items and claims, if raised by the Contractor on the Company and the decision taken by the Owner and the Company shall be binding upon and acceptable

**ANNEXURE – D****GENERAL CONDITIONS OF CONTRACT**

to the Contractor corresponding to and relevant with his part of the work. It should also be clearly understood that the pursuing of the Contractor's claim on the Company in good faith with the Owner shall not mean under any circumstances, Company's acceptance of the rates of extra items and claims raised by the Contractor on the Company and at no point of time, Contractor's plea that irrespective of the decision taken by the Owner, the rates of extra items and claims shall have to be paid to the Contractor based on his claim stating that the Contract is between the Company and the Contractor having no relationship with the Owner, shall contractually hold good because the Company have pursued Contractor's bills with the Client in good faith only without going through the merit of the same.

**43. TAXES & DUTIES:**

The contractor shall be exclusively responsible for payment of all Taxes (except Goods and Service Tax) that may be levied from time to time according to the Laws & Regulation now in force & also hereafter to be imposed, increased or modified from time to time. Nothing will be payable extra by the company in respect of any duties/taxes to be imposed on procurement of materials for execution of works contract.

**44. GOODS AND SERVICE TAX (GST):**

The contractor should be registered with Goods and Service Tax Authority. The contractor should not include goods and service tax (GST) as applicable in their quoted price.

---

**For & on behalf of the Tenderer**

**ANNEXURE-E****SPECIAL CONDITIONS OF CONTRACT (SCC)**

These 'Special Conditions shall be read in conjunction with other provision including General Conditions of the Contract and are supplementary to & complementary with each other. However, in the event of any provisions of General Conditions are repugnant to or at variance with any provisions of Special Conditions, then unless a different intention appears between the two, the provision given in "Special Conditions" shall be deemed to over-ride that provision of General Conditions and shall to the extent of such repugnancy or variation prevail & govern the Contract.

**1. Scope of work :**

Contractor's scope of work - within his quoted rates and price shall generally be but not limited to the following:-

Performing all activities pertaining to work for Construction of LT and DC Cable Concrete blocks under Package-I for Plot-10 in connection with Balance of System (BOS) Package for Development of 600 Mw (2x300 MW BLOCKS) ISTS Connected Solar PV Projects at NTPC REL Khavda Re Park-South Block in Rann of Kutchh, Gujarat.

**NOTE:-**

Quoted rate(s) shall be inclusive of all activities related to above works whether or not the same are specifically mentioned in the item schedule.

**2. Obligation, Responsibilities, Scope of work of Contractor :**

The contractor's obligation and responsibilities shall include but not be limited to the following and the scope of work outlined hereunder is only indicative and not exhaustive:

- To deploy suitable workmen including Highly skilled, skilled, semiskilled and unskilled labours etc. in requisite numbers as and when required and directed so as to complete the work as per schedule.
- To deploy suitable qualified supervisors, staff in requisite numbers to ensure quality and progress of work to the full satisfaction of Employer/Owner.
- To provide all required equipment, machinery, tools & tackles and materials.
- To carry out all repair work arising out of defective work done by the contractor.
- To remove from and to dispose of outside the site all excess/unwanted materials from time to time during execution and as & when so directed as also soon after completion of work.
- To keep site neat and clean at all times during execution period.
- To observe utmost safety precaution as per existing norm at the project site and also as directed by Engineer.
- To return all materials, hand tools & tackles etc. issued, if any, to the Company by the Contractor in proper condition.
- To arrange and construct the necessary temporary sheds, barricading covered with GCI sheets for carrying out the activities in all season.
- Managing of local labour/Trade Union, Local Labour problems applicable to M/s. NTPC Renewable Energy Limited, Gujarat.
- Expenditure towards Labour Retrenchment Benefits, Over Time Wages, Incentives and any other allowance as applicable to M/s. NTPC Renewable Energy Limited, Gujarat.

3. **Documents & Specification:**

The entire works entrusted to the Contractor shall be executed by him strictly in accordance with drawings & specifications, procedures etc. of the Owner as stipulated in the relevant contract, between the Company and the Owner, also as per the relevant IS Specifications, standard Engineering Code and Practice etc. as applicable to this case. Copy of the said contract is available at B AND R's NTPC REL, Bhuj site office, bidder/s if feels may go through the same.

4. **Scope of Supply:**

**A. By the Employer [i.e. Bridge and Roof Co (India) Ltd.] on Free of cost.**

The following materials / items / facilities will be provided by the Employer (B AND R) on free of charge.

- BandR shall provide related drawings/ specification / standards/ procedure etc. for execution of the job.
- Provide land, if provided by client, for storage of materials of the contractors.
- BandR shall obtain labour license & insurance for the workmen necessary for execution this job.

**B. By the successful Bidder (i.e. The Contractor)**

The following materials / items / facilities shall be provided by the Contractor within his quoted rates and price.

- All required manpower of various categories, experienced & qualified staff/supervisor including their accommodation & transportation.
- All required PPEs including safety shoe, helmet, gloves etc. for the workmen deployed by the agency.
- All required all required materials to complete the entire work in all respect and all required equipments.
- Accommodation, transportation of manpower.
- area preparation / Grading work
- establishment of site offices for m/s BAND R and m/s NTPC REL (as per Tender requirement)
- establishment of utility system like water tank, water connection to office area.
- Local liasoning and engagement of local labour.
- Carry out any other incidental /intermediate or any enabling works not specifically mentioned in specification but required to complete the work.
- Watch & ward of the materials owned by the agency and the free issued material issued by BandR.
- Liaison with the local authorities and co-ordination with other agencies.
- PF & ESI all required manpower of various categories, experienced & qualified staff/supervisor including their accommodation & transportation.

5. **Specification & Inspection/acceptance criteria:**

- a) Entire work shall be carried out strictly as per drawings, technical specifications & good engineering practice also as per the relevant IS Specifications, standard Engineering Code and Practice as directed by the General Manager (Electrical Engineering)/Head (SBU-V) and as stipulated elsewhere in the tender document besides as per items descriptions of the Schedule of Quantities and rates and approved drawings as applicable. However, in the event of any contradiction between the specifications approved by the Owner and IS Specifications, the former shall prevail and govern.
- b) No payment shall be made for any part or part thereof which is not inspected and accepted.
- c) Work shall be accepted only after the same is inspected both at stages and on completion in entirely to the entire satisfaction of BANDR/. /NTPC REL and accepted by BANDR/. /NTPC REL.

**6. Mobilization and Completion Period:**

The execution of the works shall commence within 05 (Five) days from the date of Letter of Intent (LOI) and the work should be completed within 1 (One) month from the date of issue of LOI. It should be noted that the period of completion of all works given above includes time required for mobilization at site, carrying out the works as per the requirements of Contract Document, demobilization, rectifications, if any, rework etc. complete in all respects to the entire satisfaction of B AND R/. /NTPC REL.

**7. Firm Price:**

The tender's quoted rates and price shall remain firm till completion and, handing over of the works in all respects and no revision of rates and / or escalation on any Account shall be admissible.

**8. Measurement of work:**

The mode of measurement shall be as mentioned in relevant standard specification incorporated in the Bidding Document. Any other mode of measurements not covered in above specifications shall be followed in accordance with relevant BIS codes/Schedule of Rates/ Specifications, Drawing etc. and/or as decided by General Manager (Electrical Engineering)/Head (SBU-V) . Only the relevant mode(s) of measurement as detailed in this Section shall be applicable for the items covered in the scope of work / Schedule of Rates of the Bidding Document.

Payment will be made on the basis of joint measurements taken by Contractor and certified by General Manager (Electrical Engineering)/Head (SBU-V) . Measurement shall be based on "Approved for Construction" drawings, to the extent that the work conforms to the drawings and details are adequate. Wherever work is executed based on instructions of General Manager (Electrical Engineering)/Head (SBU-V) or details are not adequate in the drawings, physical measurements shall be taken by Contractor in the presence of General Manager (Electrical Engineering)/Head (SBU-V) .

Measurements will be made for various items under schedule of rates on the following basis as indicated in the unit column

- ❖ Unit of Measurement in "M<sup>2</sup>"
- ❖ Unit of Measurement in "Kg"
- ❖ Unit of Measurement in "RM"

**9. Terms of Payment:**

No Advance payment shall be made to the Contractor.

Payment shall be made proportionately on receipt of corresponding payment from client

Progress payments shall be released to the agency against monthly running account bill duly certified by engineer -in -charge after affecting the necessary deductions.

**1. 100%. PAYMENT ON COMPLETION OF INDIVIDUAL ITEMS OF WORK IN ALL RESPECT AND ACCEPTANCE THEREOF.**

Payments will be made through RTGS from project site

Payments will be made after submission of SPBG

While claiming progress payment, CONTRACTOR shall submit documentary evidence to the effect that he has deposited EPF/ EPS/ Labour Cess for his workers along with certificate indicating payment of minimum wages to the workmen at prevailing rates at Project site as per statute. CONTRACTOR shall also submit an undertaking that they have complied with all statutory requirements as per Contract. B&R will pay to the contractor after receipt of same quantity from . /NTPC REL.

In case any or one of these documents is not submitted along with progress bills, payment against these bills may be kept in abeyance. In such an event contractor shall ensure payment of due wages to his workmen as well as payment to statutory authorities keeping employer completely indemnified.

Deduction towards Income Tax & Surcharge, W.C.T from Contractor's bills (R/A & Final) will be as per prevailing rules. However TDS certificates will be issued to Contractor for tax deduction at source.

GST payment shall be reimburse to the Contractor after submission of required documentary evidence of GST deposit to the authorities.

**Idle Wages:** No idle wages shall be paid on any account.

Note: Contractor's should provide their Bank Account details as it is given below during the submission of the quotation for payment purpose.

1)	Name of the Company	
2)	Name of the Bank	
3)	Name of Bank Branch	
4)	City	
5)	Account No.	
6)	Account Type	
7)	IFSC Code of the Bank Branch	
8)	MICR Code of the Bank Branch	

Billing will be done by the contractor for portion of work certified by B AND R/.NTPC REL with respect to Schedule Items/BOQ and payment will be made by B AND R to the contractor within 10(Ten) days on receipt of corresponding payment from NTPC REL for the said work done by the contractor through electronic payment system.

#### **10.Taxes & Duties:-**

##### **(A)Income Tax**

Income Tax will be deducted by cash at source from Contractor's all bills as per Income Tax Act & Rules framed there under at such rates as may be applicable from time to time..

##### **(B)Goods & Service Tax (GST):**

“ GST-TDS @ 2% (Two Percent) will be deducted from basic Invoice Value (i.e. value before GST) under GST Law

w.e.f. 01.10.2018 as per Govt. Notification No. 50/2018 – Central Tax dated 13.09.2018 for Taxable Services. TDS @ 1% each for CGST & SGST or 2% for IGST will be applicable except the exemption provision as stipulated in GST Law. Tax deducted at source will be deposited to the Govt. and TDS Certificate will be issued to Contractor as per the rules. The bidder should be registered with GST Authorities and the copy of Registration Certificate and latest filed Monthly / Quarterly GSTR-3B return as GST clearance certificate shall be submitted along with bid documents (Techno Commercial). Bid without above documents shall be treated as cancelled.

**The Bidder(s), must be GST Compliant in all respect under the GST Law to execute the aforesaid job.**

The quoted price shall be deemed to be inclusive of all taxes and duties except “Goods and Services Tax” (hereinafter called GST) (i.e. IGST or CGST and SGST/UTGST applicable in case of interstate supply or intra state supply respectively and GST compensation Cess if applicable).

Contractor/vendor shall be required to issue tax invoice in accordance with GST Act and/or Rules along with payment proof so that input credit can be availed by B&R. In the event that the contractor / vendor fails to provide the invoice in the form and manner prescribed under the GST Act read with GST Invoicing Rules there under, B&R shall not be liable to make any payment on account of GST against such invoice.

Bidder shall raise their Tax invoice in regular interval as per contract condition and uploaded their supply invoice in GSTN portal through GSTR-1.

Mismatch in return of B&R due to any reason attributable to bidder, the same shall be recovered from bidder's bill.

GST payable under reverse charge for specified services or goods under GST act or rules, if any, shall not be paid to the contractor/vendor but will be directly deposited to the government by B&R. The agency shall always comply with the requirements of applicable laws and provide necessary documents as prescribed under the Rules & Regulations, as applicable from time to time. In particular, if any tax credit, refund or other benefit is denied or delayed to B&R due to any non-compliance / delayed compliance by the Supplier under the Goods & Service Tax Act (such as failure to upload the details of the sale on the GSTN portal, failure to pay GST to the Government) or due to non-furnishing or furnishing of incorrect or incomplete documents by the Supplier, the Supplier shall be liable to reimburse B&R for all such losses and other consequences including, but not limited to the tax loss, interest and penalty.

Notwithstanding anything contained anywhere in the Agreement, in the event that the input tax credit of the GST charged by the Contractor / Vendor is denied by the tax authorities to B&R for reasons attributable to Contractor / Vendor, B&R shall be entitled to recover such amount from the Contractor / Vendor by way of adjustment from the next invoice. In addition to the amount of GST, B&R shall also be entitled to recover

Interest at the rate prescribed under GST Act and penalty, in case any penalty is imposed by the tax authorities on B&R.

TDS under GST, if applicable, shall be deducted from contractor's/vendor's bill at applicable rate and a certificate as per rules for tax so deducted shall be provided to the contractor/vendor.

the contractor will be under obligation for charging correct rate of tax as prescribed under the respective tax laws. further the contractor shall avail and pass on benefits of all exemptions/ concessions available under tax laws.

No variation on account of taxes and duties, statutory or otherwise, shall be payable by B&R to contractor/vendor except for GST. Any statutory variation for GST shall be payable up to contractual date of completion against documentary evidence. In case, input tax credit of GST is available to B&R beyond Contractual completion date, the same may be reimbursed by B&R. Any reduction in taxes and duties included in the price shall be passed on to B&R.

Any new taxes, duties, cess, levies notified or imposed after the submission of last /final price bid but before the contractual date of completion of work shall be to B&R Account.

The contractor will be liable to ensure to have registered with the respective tax authorities and to submit self- attested copy of such registration certificate(s) and the Contractor will be responsible for procurement of material in its own registration (GSTIN) and also to issue its own Road Permit/ E-way Bill, if applicable etc.

In case the bidder is covered under Composition Scheme under GST laws, then bidder should quote the price inclusive of the GST (CGST & SGST/UTGST or IGST). Further, such bidder should mention "Cover under composition system" in column for GST (CGST & SGST/UTGST or IGST) of price schedule.

B&R will prefer to deal with registered supplier of goods/ services under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet. However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid. Where B&R is entitled for input credit of GST, the same will be considered for evaluation of bid as per evaluation methodology of tender document.

The CONTRACTOR will be under the obligation for billing correct rate of tax/duties as prescribed under the tax laws on the Invoice to OWNER, after availing input tax credit and pass on the benefit.

Any invoice issue on introduction of GST Law shall contain the following particulars-

Name, address and GSTIN of the supplier of service;

Serial number of the invoice;

Date of issue;

Name, address and GSTIN or UIN, if registered of the recipient;

Name and address of the recipient and the address of the delivery, along with the State and its code, Accounting Code of services;

Description of goods or services;

Total value of supply of goods or services;

Taxable value of supply of goods or services taking into discount or abatement if any;

Rate of tax (Central Tax, State Tax, Integrated Tax (for inter-state supply), Union Territory Tax or cess);

Amount of tax charged in respect of taxable services (Central Tax, State Tax, Integrated Tax (for inter-state supply), Union Territory Tax or cess);

Place of supply along with the name of State, in case of supply in the course of inter-state trade or commerce; Address of the delivery where the same is different from the place of supply and Signature or digital signature of the supplier or his authorized representative.

GST-TDS @ 2% (two percent) will be deducted from basic invoice value (i.e. value before GST) under GST law w.e.f. 01.10.2018 for Taxable Services. TDS @ 1% each for CGST & SGST or 2% for IGST will be applicable except the exemption provision as stipulated in GST law. Tax deducted at source will be deposited to the Govt. and TDS certificate will be issued to the contractor as per the rules.

**GST INVOICE: The Bidder(s), must be GST Compliant in all respect under the GST Law to execute the aforesaid job.**

**(C) Other Taxes & Levies:**

Any other charges (except GST) if any, as applicable, viz. License, Deposits, Royalty, Stamp Duty, other charges / levies etc. prevailing / applicable on the date of opening of Technical Bids and any variations thereof during the tenure of the contract are in the scope of Bidder. In case B&R is forced to pay any such for the above, B&R shall have the right to recover the same from the Bidder either from Running Bills or otherwise as deemed fit.

**(C.1) Direct Tax:**

B&R shall not be liable towards Income Tax of whatever nature including variations thereof arising out of this contract as well as tax liability of the bidder and their personnel. Deduction of tax at source at the prevailing rates shall be effected by B&R before release of payment as a statutory obligation, unless exemption certificate is produced by the bidder. TDS certificate will be issued by B&R as per the provisions of Income Tax Act.

**(C.2) Professional Tax:**

Professional Tax on account of labours if applicable

**(C.3) New Levies/Taxes:**

In case Government imposes any new levy/tax after award of the work during the tenure of the contract, B&R shall reimburse the same at actual on submission of documentary proof of payment subject to the satisfaction of B&R that such new levy/tax is applicable to this contract.

**11. Work in Monsoon/Bad Weather:**

Work shall get suffered in monsoon/bad weather. Necessary precautionary measures like arrangement of sheds, enclosures etc. shall be made by the contractor to continue the work in monsoon/bad weather.

**12. Retention Money against Security:**

Not Applicable

**13. Security Cum Performance Bank Guarantee:**

the successful bidder shall, furnish security cum performance bank guarantee in an amount equivalent to **10% (Ten percent) of the lump sum price in the manner specified under this contract within 15 days from the date of issue of PO / LOI**. Such security cum performance bank guarantee is to be held by the b and r in lieu of cash as security for the due performance of the contractor's obligation under the contract and due discharge of contractor's liabilities under and/or arising out of the contract.

as and by way of the said security cum performance bank guarantee, the contractor shall within 15 days from the date of issue of LOI, submit one or more unconditional bank guarantee(s) from any scheduled / nationalized bank(s) in India acceptable to the b and r in a format, provided in the tender documents, for a sum equivalent to 5% (five percent) of the lumpsum price of the contract.

such bank guarantee(s) shall be valid in the first instance for a period of not less than 3 (three) months after the expiry of the defect liability period (DLP), reckoned from the scheduled date of final completion under the contract, provided that if and after the contractor has successfully completed all obligations under the contract as witnessed by the issue of a completion certificate under this contract.

The bank guarantee(s) shall be extended by such further period(s) as the b and r may require until performance of all the contractor's obligations under the contract is complete.

without prejudice to any other right or remedy available to BandR, b and r may at any time and from time to time before issue of the completion certificate under the contract require the contractor by notice in writing to renew the bank guarantee(s) for such period(s) as b and r may deem fit, and upon such request, the contractor shall renew the bank guarantee(s) for the required period(s). without prejudice to any other right or remedy under the contract, and unless b and r shall not have required such renewal, b and r shall be

entitled to encash the bank guarantee(s) or any of them which are not renewed at least 30 (thirty) days prior to the date of expiry thereof.

**Note: IN CASE OF NON-SUBMISSION OF SPBG WITHIN THE STIPULATED PERIOD AS STATED IN NIT, PERFORMANCE SECURITY AMOUNT AS MENTIONED IN NIT PLUS 10% OF SPBG AMOUNT AS A PENALTY SHALL BE EFFECTED. RECOVERY SHALL BE MADE AT THE RATE OF TWO TIME OF PERCENTAGE OF SPBG FROM EACH RUNNING BILLS TILL RECOVERY OF VALUE OF SPBG PLUS 10% OF SPBG VALUE AS PENALTY. THE PENALTY @10% OF SPBG AMOUNT AS MENTIONED IN NIT FOR NON-SUBMISSION OF SPBG SHALL BE NON REFUNDABLE. HOWEVER, PENALTY ALREADY DEDUCTED WILL NOT BE REFUNDED EVEN IF SPBG IS SUBMITTED IN BETWEEN THE DURATION OF THE CONTRACT PERIOD.**

**FOR E.G. IF SPBG IS 3% THEN RECOVERY SHALL BE MADE FROM EACH RA BILLS @ 2 X 3% OF VALUE EACH RA BILLS**

**TILL RECOVERY OF 3% PLUS 10% OF 3% I.E. 3.3% OF AWARDED VALUE.**

**HOWEVER EMD WILL NOT BE REFUNDED TILL SUBMISSION OF FULL AMOUNT OF SPBG AS REQUIRED. EMD SUBMITTED IN CURRENCY SHALL BE ADJUSTED IN SPBG.**

**14. BOCW Cess**

Quoted Price shall be inclusive of BOCW Cess (if applicable).

**15. Final Bill**

After completion of the entire work to the satisfaction of the Engineer, Contractor shall submit Final Bill giving abstract of detailed measurement for the various terms of work executed for verification and certification of Engineer.

Income Tax & GST-TDS as applicable shall be deducted from each payment made to you.

**16. Billing Address:-**

**BRIDGE AND ROOF CO.(INDIA) LTD.,  
SECOND FLOOR, 18, TARAKUNJ, HARIBHAKTI COLONY,  
CHAKLI CIRCLE, Vadodara, Gujarat, 390007  
BANDR GSTIN: 24AABC3166E1Z5  
BANDR PAN No.: AABC3166E  
State: Gujarat, State Code: 24**

**17. Splitting of Work:**

One agency shall be considered

**18. PF & ESI**

The successful bidder must have their own PF &ESI Code Numbers. The statutory obligations on account of PF &ESI are under their scope along with other statutory rules & regulation including Employer's contribution amount on account of PF &ESI.

The Contractor shall duly and timely pay and ensure payment by its contributions and its/their employees to the Authorities prescribed under the PF/ESI Acts and any schemes framed there under in respect of all labour employed by it for the execution of the contract. Copies of challans/receipt of such payments along with the list showing persons employed together with emoluments paid for the purpose of provident fund/ESI deductions shall be submitted to B&R before the end of every calendar months.

In case, the above documents are not furnished by the contractor on monthly regular basis, then 10% of the billed value will be deducted from the contractor's Running Account Bills and retained till compliance is met.

Bidders to note that the number of workers entering the NTPC REL shall be registered at the gate by Security, contractor-wise / work spot-wise and this shall form the basis for arriving at ESI/EPF liability.

**19. Liquidated Damages (LD):**

If there is any delay in completion of job for which cause of delay is attributable to the contractor, and for which our overall completion schedule of project may get delayed, without prejudice to other course available to the company in accordance with the provision available elsewhere in the contract document, company shall reserve right to impose liquidated damages for the delay at the rate of 0.50 % of the total contract value for each week or part thereof that the work remains incomplete beyond the

schedule date of final completion for the work, as the case may be, at the job sites subject to a maximum of 10.0% (Ten Percent) of the total contract value.

**20. Quantity Variation:**

The quantities of Schedule of Rates are approximate and may vary to any extent individually. The approved Schedule of Rates of contract will be applicable for variations up to plus or minus (+/-) 25% of estimated Contract Value. No revision of Schedule of Rates will be permitted for such variations of individual quantities, addition of new items, alterations, addition/deletion or substitution of items, as mentioned above. Quantities mentioned and accepted in joint measurement sheet shall be final and binding on the contractor. Payment shall be made based on actual quantities executed by the Contractor and duly certified by the General Manager (Electrical Engineering)/Head (SBU-V).

The Contractor shall strictly and scrupulously adhere to the schedule/programmed of the works and shall earnestly and diligently Endeavour to complete the entire works under his scope in all respect within the dates specified elsewhere in this document

**19. Reconciliation & Returning:**

The Reconciliation & returning of all materials issued to the contractor by the Company.

In case of failing to do Material Reconciliation as per B AND R/. /NTPC REL 's norms, recovery from the Contractor shall be done as per the B AND R/. /NTPC REL 's penal rate and or as directed by the Engineer in Charge.

**20. Safety Rules:**

- Contractor must abide by the Safety Rules and Regulations at site or work and shall maintain and observe the guidelines:
- Length of flexible wire used shall be limited to 30 meter and there shall be no joint in this length.
- Proper communication and alertness on the job to be ensured.
- Proper and correct lifting methods shall be adopted.
- Only safe gangways/walk ways shall be used for movement of personnel, short cuts shall be avoided.
- Correct tools and tackles shall be used. Make shifts tools and tackles will result in slipping and accidents.
- Vehicle must not enter operating plant without a fire permit
- Don't work without proper work permit inside plant area.
- Keep the work site area neat and clean
- The workers should not be allowed to trespass protected area. This is strictly prohibited.
- Roads shall keep free from the construction materials and vehicles shall be parked at least 3 meters away from the roads.
- Constant supervision is needed at all times by the Supervisor or Engineer.
- "Safety" apart from the individual on the job, experience and commence shall be generally used. In case of doubt "ask somebody who knows" shall be the motive.
- Every person receiving during the course of work should report immediately to his supervisor who shall arrange First Aid for him. If injured person is unable to report then his co-worker should report to the superiors and also report to the B AND R /Client.
- Works shall be carried out strictly as per safety practices enforced by NTPC REL/B ANDR time to time and contractor shall abide by all safety requisitions of the plant as imposed by NTPC REL/B AND R time to time.

**21. Labour:**

- a) Labour Rules etc.: In respect of all labour directly or indirectly employed on the Work, the Contractor shall comply with all legislation and rules of State and/or Central Government or other local authority governing the protection of health, sanitary arrangement, wages, welfare and safety applicable for labour employed on building and construction Works. The Minimum Wages Act, 1948, Employees State Insurance (ESI) Act, 1948, (Workmen's Compensation Act, 1923 to the extent applicable), Contract Labour (Regulation & Abolition) Act 1970 and amendments thereof and other Statutory obligation with regard to fair wages, welfare, amenities and safety measures, maintenance of register etc. will be deemed to be part of the contract.
- b) Reporting accidents of labour: The Contractor shall be responsible for the safety of all employees and/or workmen employed or engaged by him on and in connection with the work and shall report to the Employer/ Engineer/ Consultant and other local authorities concerned all cases of serious

accidents howsoever caused and wherever occurring on the Work and shall make adequate arrangements for rendering immediately all possible aid to the victims of the accidents.

- c) The Bidder should clearly understand and comply with Factories Act, 1948 and relieve the female workers from their work-site within the restricted working hours prescribed there in under Section 66(b).
- d) Age Limit of Labour: The age limit for employment of labour shall be in strict accordance with the existing Labour Rules and Regulations.
- e) As far as practicable, the contractor shall give preference in the employment of unskilled labours at the site to persons living locally in consultation with CESC’s IR department.
- f) Labour Returns: Periodical statements of labour employed by the Contractor shall be submitted in the pro-forma prescribed by the Engineer. The statement shall be indicate the details of Displaced Persons, BC’s, SC’s, ST’s engaged and other classifications viz. skilled, semi- skilled and unskilled.

**22. Labour at site:**

No labour shall be allowed to stay at site. The bidder shall obtain prior permission of the Owner for the watchman who will be required to stay at the site. The bidder shall arrange to provide due facilities to his labour at site. He will keep his temporary office, shed, etc. reasonably clean at all times.

**23. Prohibition of Engagement of Child labour:**

The Agency shall state that they are not engaging child labour as per various labour laws applicable to them. Making a fake claim would have its contract terminated forthwith, if detected later. It is mandatory for the Agency to submit an undertaking for Nonengagement of child labour.

**24. Compliance with laws:**

The Agency shall abide by all applicable rules, regulations, statutes, laws governing the performance of works in India, including but not limited to the following :

- A. Contract Labour (Regulation & Abolition) Act 1970 & the Centre Rules 1971 framed there under.
- B. Payment of Wages Act.
- C. Minimum Wages Act.
- D. Industrial Dispute Act.
- E. Environment Protection Act.
- F. Wild Life Act.
- G. Building and other works contract act 1996
- H. Any other Statute, Act, Law as may be applicable.

**Note :** Composite Workmen Compensation Insurance at Site, shall be taken care of by B&R.

**25. Payment of Minimum Wages:**

The contractor shall pay the labours engaged by him on the work not less than a fair wage, which expression shall mean, whether for time or piece work, rates of wages as may be fixed by the Public Works Department as fair wages for Karnataka Region payable to the different categories of labours or those notified under the Minimum Wages Act. Wages to the workmen should be paid on or before the 7th of the subsequent month.

If 7th falls on a holiday or weekly off day, the payment should be made one day prior to that. Payment of Provident Fund (PF) for the month, both the Employer’s (in this case Contractor) and Employee’s (in this case workmen employed by the Contractor) contributions should be deposited in the bank in the permanent PF code numbers and challan obtained before the 15th of the subsequent month and forwarded to the “Engineer”. If it is liable to be terminated and/or the Employer will pay and recover from the Contractor, the said dues including penalty as per Law in the following manner:

1.	Payment of Wages at rates less than those notified under the minimum	An amount equivalent to the differential amount between wages to be paid under the minimum wages notification of the Government applicable for the period less actual wages paid
----	--	--

	wages notification	shall be recovered from the bills as certified by the Engineer.
2.	Non-payment of wages	An amount equivalent to wages payable by the Contractor applicable for the relevant period shall be recovered from the bills as certified by the Engineer.
3.	Non-payment of PF	Recovery of the PF amount and an amount equivalent to maximum penalty leviable by Regional Provident Fund Commissioner for the delayed period under the provisions of EPF & MP Act and Rules for delayed remittance of PF contributions (both the Employee's and the Employer's contributions), shall be recovered from the bills of the Contractor as certified by the Engineer.
4.	Delayed payment of PF	An amount equivalent to maximum penalty leviable by Regional Provident Fund Commissioner for the delayed period under the provisions of EPF & MP Act and Rules for delayed remittance of PF contributions (both the Employee's and the Employer's contributions), shall be recovered from the bills of contractor as certified by the Engineer.

The aforesaid amount shall be recoverable from the bills by the Engineer or may be deducted by the Employer from any moneys due or which may become due to the Contractor under the Contract or any other Contract between the Contractor and the Employer or Employer's Subsidiary units/ Companies.

**26. Labour License:**

B&R will take the Labour License for the workers to be engaged at site. Other all statutory requirements are to be complied by the contractor from time to time to execute this work.

**27. Site Visit:**

The intending Tenderers shall be deemed to have visited the site & familiarized themselves with the existing conditions before submitting the offer. Non familiarity with site conditions shall not be considered a reason either for extra claims or for not carrying out the work conforming to the specifications. For site visit, the intending Tenderers may contact at the following address.

**(a) Delivery/Consignee Address: -**

**BRIDGE AND ROOF CO.(INDIA) LTD.,  
ROOM NO.129, NEAR NAYARA PETROL PUMP  
LUDIYA, KHAVRA, BHUJ KACHCHH  
GUJARAT-370510**

**28. Price Escalation:**

The contract price shall be deemed to be firm and valid for the entire duration of the contract till the completion of work, and shall not be subject to any adjustment due to increase in price of materials, utilities, taxes, duties etc. or any other input for performance of work and the contract.

**29. Force Majeure:**

The term "FORCE MAJEURE" as employed in this contract shall mean wars (declared or undeclared) or revolutions, civil wars, tidal waves, fires, major floods, earthquakes, epidemics, quarantine restrictions and freight embargoes and transporters strikes affecting the country as a whole. **Local "Bandh" shall be included in "FORCE MAJEURE".**

**30. Accommodation and transport:**

The Agency shall arrange, within his Quoted Rates, accommodations for his all Workmen, Technicians & Supervisors. Also, the Agency within his Quoted Rates shall arrange their Transport to the site and back.

**31. Office & Stores:**

The agency shall construct his own Temporary Offices, Stores & Storage Yard etc. at his own cost and shall also demolish and remove these structures making the areas perfectly clean as per direction of the General Manager (Electrical Engineering)/Head (SBU-V) at his own cost after completion of the work.

**32. Construction Water and Power:**

Power and Water for construction purpose is under the scope of the agency.

**33. Restriction of Visitors:**

The Agency shall not allow any visitors on the work or premises of the sites without approval of the General Manager (Electrical Engineering)/Head (SBU-V) and/or Site Engineer.

**34. Procurement from a bidder from a country sharing land border with India:**

Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if bidder is registered with competent authority. the competent authority for the purpose of registration shall be the registration committee constituted by the department of promotion of internal trade (DPIIT) of govt. of India. the registration should be valid at the time of submission of bids and at the time of acceptance of bids.

**35. Restriction of Visitors:****'MAKE IN INDIA' Preference to 'Make in India':**

In Line to Public Procurement Policy, Govt. of India (refer Order 2017 Dtd. 16.Sept.-2020 issued by the DPIIT) B&R has implemented "Purchase Preference Policy" for the Class-I Local Supplier(s) for the item /Service covered in the tender. B&R shall reserve the right to consider preference of the Local Supplier(s) subject to following conditions :

If qty. of Goods / service under procurement is divisible and emerged L-1 bidder is a 'Non Local Supplier' or 'Class-II Local Supplier' then 50% of tender qty. shall be awarded to L-1 bidder. Thereafter the lowest bidder among the 'Class-I Local Suppliers' shall be invited to match the price with L-1 bidder to award the remaining 50% qty. subject to quoted prices of the 'Class-I Local Supplier' falls within the bracket of (L-1 + 20%) and agrees to match the price with L-1 bidder.

If lowest eligible Class-I local supplier fails to match with L-1's price or accepts less than the qty. offered then next higher Class-I local supplier within the margin of purchase preference (L-1+ 20%), shall be invited to match the price with L-1 for remaining qty. and so on.

In case none of Class-I local supplier within the margin of purchase preference match the price with L-1 then total qty. shall be awarded to L-1 bidder.

In case of award criteria are stipulated in a tender and it is found that Class-I Local supplier(s) qualified for award of at least 50% of tender qty. then contract shall be awarded among all qualified bidders as per pre- award criteria stipulated in tender, otherwise Class-I Local Supplier(s) quoted within the 20% margin, shall be invited to match the price with L-1 for award of at least 50% of tender qty.

In case the goods / services under procurement are not divisible in nature, then Class-I local supplier shall get purchase preference over Class-II Local Supplier & Non local Supplier and contract shall be awarded to 'Class-I Local supplier' subject to matching the price with L-1.

In such case the lowest bidder among the 'Class-I Local Suppliers' shall be invited to match the price with L-1 bidder subject to quoted prices of the 'Class-I Local Supplier' falls within the bracket of (L-1 + 20%) and agrees to match the price with L-1 bidder.

If lowest eligible Class-I local supplier fails to match the price with L-1 bidder then next higher Class-I local supplier within the margin of purchase preference (L-1+ 20%) shall be invited to match the price with L-1 and so on.

In case none of Class-I local supplier within the margin of purchase preference match the price with L-1 then contract shall be awarded to L-1 bidder.

However, if L-1 bidder is a 'Class-I Local Supplier' then the contract for full qty. shall be awarded to L-1 bidder only and no other class-I supplier(s) shall be invited to match the price. Class-II Local Supplier is not eligible to get the purchase preference.

In case of participation of MSE & Local Supplier in a same tender, MSE bidder shall be given preference to match the price with L-1 as per Public Procurement Policy for MSE's order 2012. MSE bidder shall be evaluated with (L-1 + 15%) margin.

Bidders who declares as a MSE / Local supplier, shall be eligible to get purchase preference against any one of the said policy and shall not be allowed to change their status from MSE to Local Supplier or vice-versa. Bidders willing to avail the purchase preference as per govt. policy are requested to submit a declaration in a non judicial stamp paper of Rs. 100 as per our prescribed format enclosed with NIT, duly indicating the percentage of 'local content' and shall provide a self certification that the item(s) offered are meeting the requirements of local content for Class-I Local Supplier/Class-II Local Supplier, as the case may be.

In case offered value exceeds Rs. 10 ( ten) cores, then bidder shall submit a certificate from the statutory auditor/Cost auditor giving the percentage of local content. Details of the location (s) at which the local value addition was made shall also be mentioned in the certificate.

Important Definitions w.r.t. 'Make in India Policy' :-

'Local Content' means the amount of value added in India (unless otherwise prescribed) be the total value of item(s) offered (excluding net domestic indirect tax) minus the value of imported content in the in the item(s) including all custom duties as a proportion of total value ,in percentage.

'Class-I Local Supplier' means a supplier or service provider, whose goods, services or works offered for procurement has local content equal to or more than 50% (fifty percent).

'Class-II Local Supplier' means a supplier or service provider, whose goods, services or works offered for procurement has local content equal to or more than 20% (twenty percent) but less than 50% (fifty percent).

'Non Local Supplier' means a supplier or service provider whose goods, services or works offered for procurement has local content less than or equal to 20% (twenty percent)

### **36. HSE Management and other Safety Requirements:**

The work shall be carried out inside the plant as per safety practices enforced by M/s. NTPC REL / . & B AND R from time to time. The Contractor shall commence his daily activities only after receiving valid Hot/ Cold work Permit from competent Authorities of M/s. NTPC REL/.. Contractor has to pay penalties if M/s. NTPC REL/. imposes on us due to violation of safety rules.

Sl. No.	Violation of HSE Norms	Penalty Amount
1.	For not using personal protective equipment (Helmet, Shoes, Goggles, Gloves, Full body harness, Face shield, Boiler suit, etc.)	Rs 500/- per day/ Item / Person.
2.	Working without Work Permit/Clearance	Rs 20000/- per occasion
3.	Execution of work without deployment of requisite field engineer / supervisor at work spot	Rs. 5000/- per violation per day
4.	Unsafe electrical practices (not installing ELCB, using poor joints of cables, using naked wire without top plug into socket, laying wire/cables on the roads, electrical jobs by incompetent person, etc.)	Rs 10000/- per item per day.
5.	Working at height without full body harness, using non-standard/ rejected scaffolding and not arranging fall protection arrangement as required, like hand-rails, life-lines, Safety Nets etc.	Rs. 10000/- per case per day.
6.	Unsafe handling of compressed gas cylinders (No trolley, jubilee clips double gauge regulator, improper storage/handling).	Rs 500/- per item per day.
7.	Use of domestic LPG for cutting purpose / not using flash back arresters on both the hoses/tubes on both ends.	Rs. 3000/- per occasion
8.	No fencing/barricading of excavated areas / trenches.	Rs. 3000/- per occasion.
9.	Not providing shoring/strutting/proper slope and not keeping the excavated earth at least 1.5M away from excavated area.	Rs.5, 000/- per occasion.
10.	Non display of scaffold tags, caution boards, list of hospitals, emergency services available at work locations.	Rs.1000/- per occasion.
11.	Traffic rules violations like over speeding of vehicles, rash	Rs. 2000/- per occasion.

	driving, talking on mobile phones during vehicle driving, wrong parking, not using seat belts, vehicles not fitted with reverse horn / warning alarms / flicker lamps during foggy weather.	
12.	Absence of Contractor's RCM/SIC or his nominated representative (prior approval must be taken for each meeting for nomination) from site HSE meetings whenever called by TCE/Owner & failure to nominate his immediate deputy (in the site-organogram) for such HSE meetings.	Rs10000/- per meeting.
13.	Poor House Keeping	Rs. 5000/- per occasion per subject
14.	Failure to report & follow up accident (including Near Miss) reporting system within specific time-frame.	Rs. 20000/- per occasion
15.	Degradation of environment (not confining toxic spills, spilling oil/lubricants onto ground)	Rs10000/- per occasion
16.	Not medically examining the workers before allowing them to work at height / to work in confined space / to work in shot-blasting / to work for painting / to work in bitumen or asphalt works, not providing ear muffs while allowing them to work in noise polluted areas, made them to work in air polluted areas without respiratory protective devices, etc.	Rs 5000/- per occasion per worker
17.	Violation of any other safety condition as per job HSE plan / work permit and HSE conditions of contract (e.g. using crowbar on cable trenches, improper welding booth, not keeping fire extinguisher ready at hot worksite, unsafe rigging practices, non-availability of First-Aid box at site, etc.)	Rs. 5000/- per occasion
18.	Carrying out sand blasting instead of shot Blasting	Rs. 50,000/- per day
19.	Utilization of hydra for material shifting or any other unauthorized /unsafe lifting works	Rs 25,000/- per occasion
20.	Any incident / accident at project site has been caused because of willful negligence or gross violation of safety measures / provisions on the part of the Contractor or any of its sub agencies	Rs 10,00,000/-per occasion
21.	Any violation not covered above	To be decided by B AND R/ . /NTPC REL.

---

**For & on behalf of the Tenderer**

# BRIDGE AND ROOF CO. (INDIA) LTD.

(A GOVT. OF INDIA ENTERPRISE)

600 MW SOLAR PV PROJECTS, NTPC REL KHAVERDA, RANN OF KUTCHH, GUJARAT

Ref. : NIT NO. :BANDR/61042/NTPC/NIT/CABLE BLOCK-I/SC/16, DATED 30.04.2026

ANNEXURE - F

## SCHEDULE OF QUANTITIES & RATES (SOQR)

Sl. No.	Description of Items	Unit	Quantity	Rate (In Rupees)	Amount (In Rupees)
<b>1</b>	<b>Precast Block</b>				
<b>1.1</b>	<b>Production of Precast Items;</b> Cable Block - Type-2, Size of base 390mmx380mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complete the work. Grade of concrete M25 or as specified indrawings.	Nos	16,025.00		
<b>1.2</b>	<b>Production of Precast Items;</b> Cable Block - Type-4, Size of base 550mmx360mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complet	Nos	11,850.00		
<b>1.3</b>	<b>Production of Precast Items;</b> Cable Block - Type-5, Size of base 325mmx430mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complete the work. Grade of concrete M25 or as specified in drawings.	Nos	6,000.00		
<b>1.4</b>	<b>Production of Precast Items;</b> Cable Block - Type-6, Size of base 310mmx330mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complete the work. Grade of concrete M25 or as specified in drawings.	Nos	650.00		

**SCHEDULE OF QUANTITIES & RATES (SQQR)**

SI. No.	Description of Items	Unit	Quantity	Rate (In Rupees)	Amount (In Rupees)
1.5	<b>Production of Precast Items;</b> Cable Block - Type-7, Size of base 310mmx560mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complete the work. Grade of concrete M25 or as specified in drawings.	Nos	1,000.00		
1.6	<b>Production of Precast Items;</b> Cable Block - Type-8, Size of base 310mmx790mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complete the work. Grade of concrete M25 or as specified in drawings.	Nos	1,600.00		
1.7	<b>Production of Precast Items;</b> Cable Block - Type-9, Size of base 325mmx430mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complete the work. Grade of concrete M25 or as specified in drawings.	Nos	117.00		
1.8	<b>Production of Precast Items;</b> Cable Block - Type-10, Size of base 325mmx430mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complete the work. Grade of concrete M25 or as specified in drawings.	Nos	20.00		

**SCHEDULE OF QUANTITIES & RATES (SQQR)**

SI. No.	Description of Items	Unit	Quantity	Rate (In Rupees)	Amount (In Rupees)
1.9	<b>Production of Precast Items;</b> Cable Block - Type-11, Size of base 325mmx430mm, Height 600mm. Work to be completed as per drawing dimensions including all materials, labours, tools, tackles, P&M, moulds,consumables, handling, proper curing, proper stacking and including any other activity/items necessary to complete the work. Grade of concrete M25 or as specified in drawings.	Nos	50.00		
	<b>TOTAL :</b>				

---

For & on behalf of the Tenderer

**BRIDGE AND ROOF CO. (INDIA) LTD.**  
(A GOVT. OF INDIA ENTERPRISE)

**ANNEXURE -G**  
SHEET 1 OF 2

**PROFORMA OF BANK GUARANTEE TOWARDS**  
**SECURITY CUM PERFORMANCE GUARANTEE**  
(On Non-judicial paper of appropriate value)

THIS DEED OF GUARANTEE made this \_\_\_\_\_ day of \_\_\_\_\_  
\_\_\_\_\_ by \_\_\_\_\_

(Name of Bank)

(wherever the context so requires includes its successors and assigns hereinafter called "the Bank") in favour of Bridge & Roof Co.(India) Ltd., having its registered office at Kankaria Centre, 2/1, Russel Street, 5<sup>th</sup> floor, Kolkata-700071 (wherever the context so requires includes its successors and assigns, hereinafter called "the Purchaser") :

WHEREAS Messrs \_\_\_\_\_ having its Registered Office at \_\_\_\_\_

(wherever the context so requires includes its successors and assigns, hereafter called "the Supplier") has been awarded an Order No. \_\_\_\_\_

dated \_\_\_\_\_ by the Purchaser for \_\_\_\_\_

on the Terms & Conditions setforth in the said order dated \_\_\_\_\_

The conditions of order provide inter alia that the supplier shall pay to Purchaser a sum of Rs./US \_\_\_\_\_ Dollar \_\_\_\_\_ (Rupees/US \_\_\_\_\_ Dollar \_\_\_\_\_) being \_\_\_\_\_

\_\_\_\_\_ % of order value as security deposit/performance guarantee, in the form and manner and subject to the terms therein mentioned. The form of payment of security deposit/performance guarantee includes a guarantee executed on behalf of the and at the request of the supplier by a Nationalized Bank, undertaking full responsibility to indemnify purchaser in case of default.

The said supplier has approached us and at their request and in consideration of the above mentioned premises we \_\_\_\_\_ having our office at \_\_\_\_\_ have agreed to and hereby give such guarantee as is hereinafter mentioned in Purchaser's favour.

1. We \_\_\_\_\_ of \_\_\_\_\_ ("the Bank") do hereby irrevocably guarantee to the Purchaser the due payment of the said sum of Rs./US Dollar \_\_\_\_\_ (Rupees/US Dollar \_\_\_\_\_) by the supplier to the purchaser in Terms of the said conditions of the Order and their due performance of the obligations in this behalf and undertake and agree with purchaser that if default shall be made by the supplier in performing any of the terms and conditions of the order or in payment of any money payable to the Purchaser under the said Conditions of the Order, we the Bank shall merely on demand pay to the Purchaser without demur and without notice or reference to the supplier in such manner as the Purchaser may direct, the said amount of Rs./US Dollar \_\_\_\_\_ (Rupees/US Dollar \_\_\_\_\_ only) or such portion thereof not exceeding the said sum as purchaser may from time to time require and purchaser can look to us as the principal debtor.

**ANNEXURE - G**  
SHEET 2 OF 2

2. The Purchaser will have the full liberty without reference to us and without affecting this guarantee, postpone for any time or from time to time the exercise of any of the powers and rights conferred on the purchaser under the said order with the said supplier and to enforce or to forbear from enforcing any powers or rights or by reason of time given to the said supplier which under law relating to the sureties would but for the provision have the effect of releasing us. Any such time/indulgence/forbearance and/or any act or omission or commission on purchaser's part will not vitiate out this guarantee.
  3. The Purchaser's right to recover the said sum of Rs./US Dollar \_\_\_\_\_(Rupees/US Dollar \_\_\_\_\_only) from the Bank in the manner aforesaid will not be affected or suspended by reason of the fact that any dispute(s) are pending before any officer, Tribunal or Court or Arbitrator(s)/Umpire.
  4. The guarantee herein contained shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the said supplier but shall in all respects and for all purposes be binding and operative until full payment is received by purchaser as if this is a continuing guarantee to secure purchaser's ultimate dues in the above mentioned premises.
  5. We the Bank have power to issue this guarantee in purchaser's favour under Memorandum and Articles of Association and the undersigned has full power to do under the Power of Attorney dated \_\_\_\_\_ granted to him by the Bank.
  6. The Bank will have no right of subrogation against the supplier unless all dues of the purchaser as aforesaid are paid in full. Bank do hereby waive their rights of surety ship which are inconsistent with all or any provisions hereof.
  7. The Purchaser will be at liberty to alter the terms & conditions of the said order and/or to take any other security/guarantee/promissory notes from the supplier or others which will not affect/vitiate/discharge this guarantee issued by the Bank.
- This guarantee will bind our successors and assigns and will remain operative irrespective of any
8. change in the constitution of the Bank and/or the supplier.
  9. Notwithstanding anything contained hereinbefore the Bank's liability under this guarantee will be restricted to Rs./US \$ \_\_\_\_\_(Rupees/US Dollar \_\_\_\_\_ only) and this guarantee shall remain in force until \_\_\_\_\_ and unless a claim to enforce the guarantee is filed with the Bank within one month from \_\_\_\_\_(which is the date of expiry of guarantee) all rights of purchaser under the said guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities there under.

\_\_\_\_\_  
**Bank  
by its constituted attorney**

**Signature of a person duly  
Authorized to sign on behalf  
of the Bank.**

**ANNEXURE – H**

**FORMATE FOR NO DEVIATION CERTIFICATE**

To,  
THE GENERAL MANAGER (ELECTRICAL ENGINEERING)/HEAD (SBU-V)  
BRIDGE AND ROOF CO.(INDIA) LTD.,  
ROOM NO.129, NEAR NAYARA PETROL PUMP  
LUDIYA, KHAVRA, BHUJ KACHCHH  
GUJARAT-370510

**Subject : No Deviation Certificate for "Construction of LT and DC Cable Concrete blocks under Package-I for Plot-10 in connection with Balance of System (BOS)Package for Development of 600 Mw (2x300 MW BLOCKS) ISTS Connected Solar PV Projects at NTPC REL Khavda Re Park-South Block in Rann of Kutchh, Gujarat."**

Tender No : **NIT NO. BANDR/61042/NTPC/NIT/CABLE BLOCK-I/SC/16 Dated : 30-04-2026**

Dear Sir,

With reference to the above this is to confirm that as per tender conditions we have visited sites before submission of our offer and noted the job content and site condition etc. We also confirm that we have not changed/modified the tender documents as issued with above Notice Inviting Tender and in case of observance of the same at any stage if shall be treated as null and void.

We hereby also confirm that we have not taken any deviation from tender clause together with other reference as enumerated in the above referred Notice Inviting Tender and we hereby convey our unqualified acceptance to all terms & conditions as stipulated in the tender document.

In the event of observance of any deviation in any part or our offer at a later date whether implicit or explicit the deviations shall stand null and void.

Thinking you,  
Yours faithfully,

(Signature & Seal of Authorised  
representative of the tenderer)



A Maharatna Company

एन टी पी सी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

(Formerly National Thermal Power Corporation Ltd.)

(केंद्रीय कार्यालय नोएडा)

Corporate Center NOIDA

Reference : CC-ENGG-5779-011-002-PVC-V-019

Date : 30/03/2026

From : ASHOK MISHRA  
EXECUTIVE

To : Bridge & Roof Co. (India) Ltd.  
KANKARIA CENTRE,2/1, RUSSEL STREET, 5TH  
FLOOR,  
700071  
KOLKATA

Cc :

Subject : 300 MW BOS PACKAGE PLOT-11 KAHVDA SOUTH BLOCK

Please find enclosed following drawings/ documents for necessary action at your end.

Vendor Drg. No. : 5779-010-BANDR-PVC-V-017

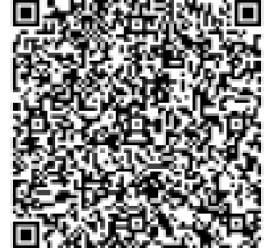
Orgn. Drg. No. : 5779-011-002-PVC-V-019

Revision No. : 01

Drg. Title : Design & drawing of Cable support arrangements

App. Category : CAT-I

Release Date : 30/03/2026



Scan to verify

Comments : no comment



Engineering Division  
ISO 9001:2008 Certified

अभियंत्रिकी कार्यालय परिसर, प्लॉट नं.- ए 8ए, सेक्टर-24, पोस्ट बॉक्स नं.- 13, नोएडा (उ.प्र.) पिन-201 307

टेलिफोन नं.- 0120-2410333, 2410116 फैक्स-0120-2410136, 2410137

पंजीकृत कार्यालय: एनटीपीसी भवन, स्कोप कॉम्प्लेक्स, 7 इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली-110 003

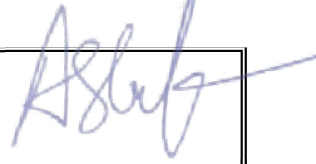
टेलिफोन नं.- 011-24361018 फैक्स-011-24361018, वेबसाइट: www.ntpc.co.in

ENGINEERING OFFICE COMPLEX, Plot No: A-8A, Sector-24, Post Box No: 13, Noida (UP), Pin-201 307

Telephone No: 0120-2410333, 2410116 Fax-0120-2410136, 2410137

Registered Office: NTPC Bhawan, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110 003

Telephone No: 011 24361000 Fax: 011 24361018, Website: www.ntpc.co.in



**Plot-11 (300 MW) under “BALANCE OF SYSTEM (BOS) PACKAGE  
FOR DEVELOPMENT OF 1200MW (4X300MW BLOCKS) ISTS  
CONNECTED SOLAR PV PROJECTS AT NTPC REL KHAVDA RE  
PARK-SOUTH BLOCK IN RANN OF KUTCH,  
GUJARAT”**



CLIENT-NTPC RENEWABLE ENERGY LIMITED



EPC - BRIDGE AND ROOF CO. (INDIA) LTD



CONSULTANT – GREENOPS PRIVATE LIMITED

		
NTPC Drawing No: 5779-011-002-PVC-V-019		<b>DESIGN &amp; DRAWING OF CABLE SUPPORT ARRANGMENTS</b>
BANDR Drawing No:5779-011-BANDR-PVC-V-017		

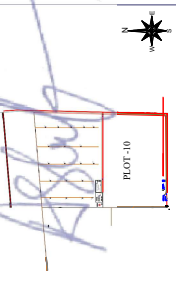
## DOCUMENT CONTROL SHEET

PROJECT	:	Plot-11 (300 MW) under "BALANCE OF SYSTEM (BOS) PACKAGE FOR DEVELOPMENT OF 1200MW (4X300MW BLOCKS) ISTS CONNECTED SOLAR PV PROJECTS AT NTPC REL KHAVDA RE PARK-SOUTH BLOCK IN RANN OF KUTCH, GUJARAT
SITE	:	KHAVDA KUTCH , GUJARAT
CLIENT	:	NTPC RENEWABLE ENERGY LIMITED (A Subsidiary of NTPC Green Energy Limited)
EPC	:	BRIDGE AND ROOF CO. (INDIA) LTD
CONSULTANT	:	GREENOPS PRIVATE LIMITED
DOCUMENT	:	DESIGN & DRAWING OF CABLE SUPPORT ARRANGMENTS
NTPC DRAWING NO	:	5779-011-002-PVC-V-019
BANDR DRAWING NO	:	5779-011-BANDR-PVC-V-017

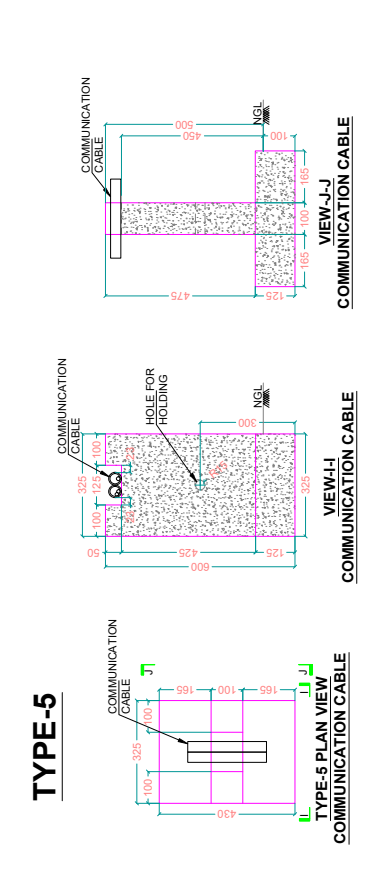
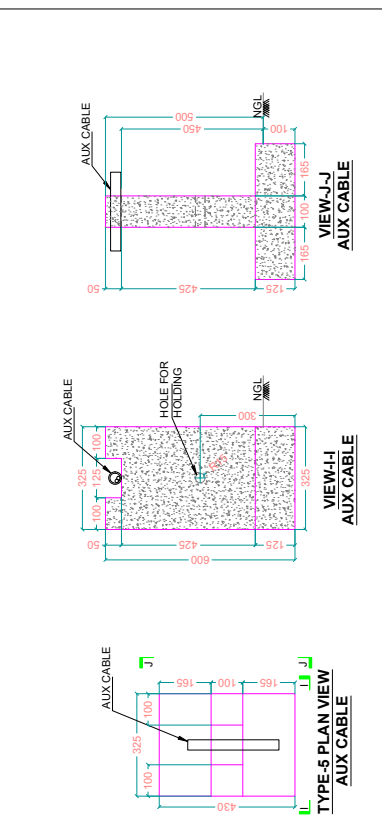
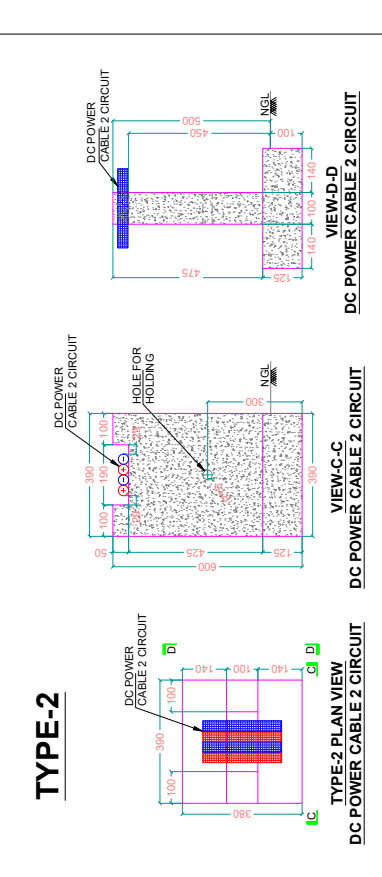
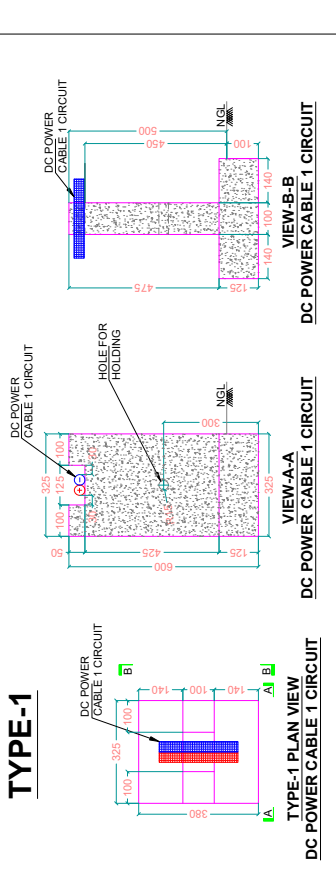
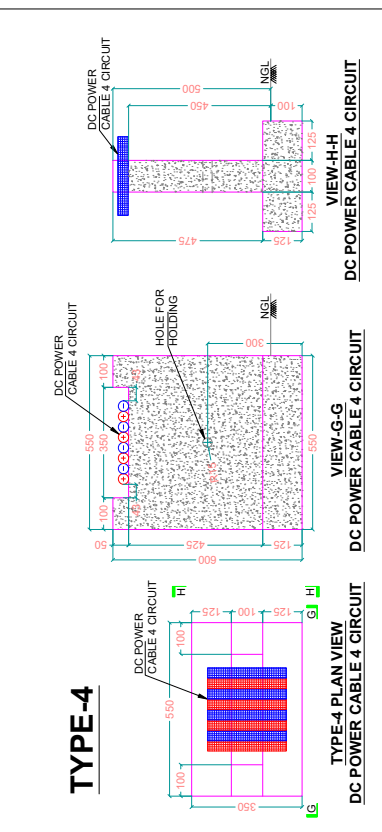
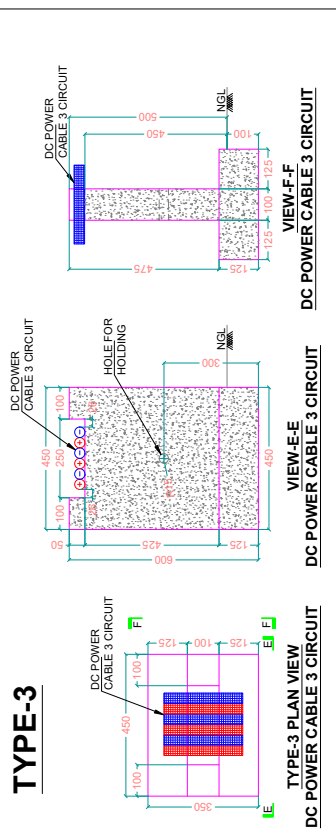
Index (Revision)	Date	Description	Prepared by	Reviewed by	Approved by
Rev. 00	13/3/2026	DESIGN & DRAWING OF CABLE SUPPORT ARRANGMENTS	VK	MJ	PD
Rev. 01	25/3/2026	DESIGN & DRAWING OF CABLE SUPPORT ARRANGMENTS	VK	MJ	PD
Signature (Project Manager)			Seal & Signature		

## COMMENT RESOLUTION SHEET

Sr No.	COMMENT	RESPONSE in Rev-01	RESPONSE in Rev-02
1	Type - 1 Please review the hydrology report the spatial variability is varying from 0.50m to 0.68m.	The said values represent levels without storm water drainage network. They will not be applicable in current scenario as drainage network has already been provided.	
2	Type - 2 It is recommended to provide the suitable compaction and granular soil layer before placing the PCC blocks. Further the PCC block can also be embedded minimum 100mm to avoid the toppling of the block. Kindly clarify the block position where bending is maximum or at crossings.	100mm embedment below NGL has been considered and block height adjusted accordingly. Bending points will have a block placed diagonally to support the bending radius of cable.	
3	Refer the above comment for all type of Footings.	Noted	
4	Type - 11 Calculation for Type 11 has not been provided.	The updated calculation for Type-11 has been incorporated and provided. The design has been carried out based on these calculations.	
5	Type - 5 Please check the width in design.	Updated	
6	Kindly specify the difference and uses of the cable trench for Type 8 & Type 10, Similarly Type 7 & Type 9 and Type 7 & Type 11.	We have updated type numbers sequentially now <b>Type 1,2,3,4</b> are for DC Power cables for 1,2,3,4 circuits respectively <b>Type 5</b> is for Aux, Comm and DC String cables <b>Type 6,7,8</b> are for HT Cables for 1,2,3 circuits respectively <b>Type 9,10,11</b> are taller blocks (+300mm cable clearance from other types) for 1,2,3 circuits respectively. This is to provision HT cables crossings if required during layout planning.	
7	Type - 7 Please check the width in design.	Updated design and calculations attached	
8	Type - 2 Dimensions do not match with the above given cross-section. The value is 390. Please check	Updated design and calculations attached	
9	Type - 5 Dimensions do not match with the above given cross-section. The value is 350. Please check	Updated design and calculations attached	
10	Type - 5 As per Type 5 Cosection 525 mm	Updated design and calculations attached	
11	Type - 8 Dimensions do not match with the above given cross-section. The value is 725. Please check	Updated design and calculations attached	
12	Type - 8 As per Type 8 Cosection The no. is 3 pls check	Updated design and calculations attached	
13	Type - 9 Dimensions do not match with the above given cross-section. The value is 790 mm & 350 mm. Please check	Updated design and calculations attached	



NOTES:  
 1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.  
 2. GRADE OF CONCRETE SHALL BE M25



REV/NO	REVISION HISTORY	REVISED BY	DATE	SCALE	SIZE
01	FOR APPROVAL	VK	26.03.2024	N.T.S	A1
02	FOR APPROVAL	VK	10.03.2024	N.T.S	A1

CLIENT	NTPC RENEWABLE ENERGY LIMITED (A Subsidiary of NTPC Green Energy Limited)
ENGINEER	BRIDGE AND ROOF CO. (INDIA) LTD. (A GOVERNMENT OF INDIA ENTERPRISE) PLOT NO. 10, SECTOR 10, PHASE 1, INDUSTRIAL AREA, GATEWAY INDUSTRIAL ESTATE, 27th FLOOR, STREET PANAMAR, CHENNAI, 5TH FLOOR, COOKKALAKA, - 600071
CONSULTANT	GREENOPS PRIVATE LIMITED ARMEEDRADO-380054, GUJARAT #id@greenops.in
PROJECT	From 1000 MW (under BALANCE OF SYSTEM (BOS)) Phase 1 (BOS) of 1000 MW (under BALANCE OF SYSTEM (BOS)) BLOCKS) IS CONNECTED SOLAR PV PROJECTS AT NTPC RE. RAYVADA RE PARK, SOUTH BLOCK IN RANN SANDHIA, GUJARAT.
DRAWING NAME	DESIGN DRAWING OF CABLE SUPPORT ARRANGEMENTS
DRAWING NO.	5779-011-002-PVC-V019
REV. NO.	1
REV. DATE	26/03/2024
SHEET NO.	12

