

Ref. Enquiry No.: PE/PG/PA1/E-6644/2021 dt. 26/05/2021

DUE DATE
05/06/2021
BY 02:00 P.M.

Dear Sir / Madam,

Subject: Tender Enquiry for “DC LEAD ACID / Ni-Cd BATTERIES” as per Technical Specification No. PE-TS-434-508-E001 - Rev. 01 for 3X800 MW PVUNL PATRATU TPP PHASE-I.

BHEL invites your offer for design, manufacture, inspection and testing at manufacturer's works, proper packing & delivery to site and supervision of E&C of **DC LEAD ACID / Ni-Cd BATTERIES**.

Your best quotation / offer shall be submitted in two parts strictly as per Clause-2.0 of the “Instructions to Bidders” of GCC, Rev. 07, in line with our terms and conditions, online via e-procurement system on <https://eprocurebhel.co.in/nicgep/app>.

S. No.	PROJECT	ITEM DESCRIPTION	TECHNICAL SPECIFICATION NO.
1.	3X800 MW PVUNL PATRATU TPP PHASE-I	DC LEAD ACID / Ni-Cd BATTERIES	PE-TS-434-508-E001 - Rev. 01

It shall be the responsibility of the bidder to ensure that the tender is submitted **on or before the due date by 02:00 P.M.** Part-I bids shall be opened at **05:00 P.M.** on the due date.

Note: 1. Detailed Tender documents / Corrigenda, addenda, amendments, time extensions, clarifications etc. can be downloaded / accessed from the following websites: -

- <https://eprocurebhel.co.in/nicgep/app>
- www.bhel.com
- www.bhelpem.com

ENQUIRY TERMS AND CONDITIONS:

Please refer GCC, Rev. 07 which is available on <https://www.bhelpem.com/Documents/GCC/GCCRev07.pdf>. Bidders are requested to go through the same while submitting the offer.

- Offers should be submitted separately in two parts **online through e-procurement system** as follows:
Part-I: TECHNO-COMMERCIAL BID **Part-II: PRICE BID**
For detailed instructions, please see Clause No. 1.0 & 2.0 of “Instructions to Bidders (Vol-I, GCC Rev. 07)”.
- Bidders to note that following form the part of tender documents & will become a part of the Order / Contract after its finalisation:
 - General Conditions of Contract (GCC), Rev. 07 comprising of Instructions to Bidders and General Commercial Terms & Conditions.
 - Technical Specification.
 - Special Conditions of Contract (SCC, Rev. 00).

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- d. NTPC's Main & Sub-supplier questionnaire.
 - e. Enquiry Letter with Terms & Conditions.
 - f. Technical PQR.
 - g. Integrity Pact.
 - h. Format for Local Content Certification.
3. Tenders shall be submitted strictly in accordance with the requirements of the above mentioned tender documents. Deviations (Technical as well as Commercial), if any, shall be listed out separately in Annexure-II (Cost of withdrawal) of GCC, Rev. 07 along with reasons for taking such deviations. Any deviations (Technical as well as Commercial) not mentioned in the Annexure-II (Cost of withdrawal) and standard pre-printed terms & conditions shown separately or found hidden in the offer, will not be taken cognizance of. Bidders to note all the points mentioned in "Notes" of Annexure-II to GCC, Rev. 07.
4. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any / all tender(s) in part or full without assigning any reason whatsoever.
5. **For this procurement, Public Procurement (Preference to Make in India), Order 2017 dt. 15/06/2017, 28/05/2018, 29/05/2019 & 04/06/2020 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract / PO / WO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and / or local content in respect of this procurement, same shall be applicable.**
6. **For this procurement, the local content to categorize a supplier as a Class I Local Supplier / Class II Local Supplier / Non Local supplier and Purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), (PPP-MII) Order 2017 dt. 04/06/2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.**
- Regarding verification of local content, the local supplier at the time of tender, bidding or solicitation shall be required to provide certification (in the prescribed format) that the item offered meets the minimum local content as per above mentioned orders and shall give details of the location(s) at which the local value addition is made.**
7. **Bidders has to ensure compliance to Ministry of Power (MoP) Order No. 25-11/6/2018-PG dt. 02/07/2020 & Order No. 11/05/2018-Coord. dt. 23/07/2020, if applicable & Ministry of Finance (MoF) Order (Public Procurement No. 1 & 2) F. No. 6/18/2019/PPD dt. 23/07/2020.**
8. **Bidder has to submit "Model Certificate for Tenders" as per Annexure-III of Ministry of Finance (MoF) Order (Public Procurement No. 1 & 2) F. No. 6/18/2019/PPD dt. 23/07/2020.**
9. Only Class-I Local Suppliers are eligible to bid in this tender.
10. As per Department of Expenditure (DoE) OM No. 6/9/2020-PPD dt. 24/08/2020, it is mandatory for all the bidders to provide their GeM Seller ID.

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11. Prices shall be firm till completion of the contract.
12. All correspondence thereof, shall be addressed to the following:

NIMESH MALLIK, DY. ENGR., PG-III E-MAIL: nimeshmallik@bhel.in Ph. No. +91-120-4368799; Mob: +91-9654713649	SWAPNIL KUMAR, MGR., PG-III E-MAIL: swapnilkumar@bhel.in Ph. No. +91-120-4213563; Mob: +91-9953160482
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13. **Bidder to note that this is a conditional Open (Indian) Tender enquiry. Hence, Price Bid (Part-II) Opening shall be subject to following criterion:**
- Techno-commercial qualification / recommendation of bidder by BHEL-PEM.
 - Approval of bidder by Customer: - Approval shall be taken up by BHEL with customer based on the credentials / reference list. Hence, Bidders are requested to submit the following (as part of their credentials) on or before Part-I opening: -
 - Reference list indicating P.O. details, customer name, P.O. date, execution date etc.
 - Performance certificate issued by the clients.
 - NTPC's Main & Sub-supplier questionnaire (enclosed with enquiry) and submit all the supportive documents against details furnished therein (signed & stamped on each page)
 - Pre-Qualifying Requirements:** - Bids of only those bidders shall be evaluated who meet the Technical pre-qualifying requirements.

Bidders to ensure that Third party / customer issued certificates being submitted as proof of PQR qualification should have verifiable details of document / certificate issuing authority such as name & designation of Issuing Authority and its organisation contact number and e-mail Id etc. In case the same found not available, Purchaser has right to reject such document from evaluation.

14. In case of joint bidding, Bidders shall be required to furnish scope matrix which should be clearly defined between them along with the offer for the complete scope as per NIT.
15. For the bidders (who are not registered with BHEL-PEM), Online Registration Portal is operational in BHEL. Non-registered Vendors, who wish to apply for registration with BHEL-PEM, have to apply through Online Registration Portal available at www.bhelpem.com → vendor section → Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website and submit the application for registration. One set of hard copy of the filled-up SRF downloaded from Online Registration Portal duly signed and stamped has to be submitted.
16. **The nature of package is "Non-divisible."**
17. **The Evaluation Currency for this tender will be INR.**
18. **BHEL shall be finalizing this tender with Reverse Auction. Bidders to quote suitably. Bidders to note that this clause will supersede Cl. No. 13 of 'Instruction to Bidders' of GCC-Rev. 07.**

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“BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.”

19. MSME / Start-up Vendors to submit applicable documents along with their offer for availing the benefits as per GOI guidelines. Further PEM is already registered with RXIL (TReDS) Platform. You are requested to get registered with RXIL (TReDS) Platform to avail the facility as per GOI guidelines.
 20. **Delivery Schedule:** - Unit-wise Quantity break-up shall be as per Annexure-A.
- **Main Supply incl. Erection & Commissioning Spares for Unit-I:** - Within Six (06) months from date of CAT-I approval of "PRIMARY" drawings / documents subjected to drawing / document submission / re-submission schedule as stipulated below: -

BHEL Drawing No	Drawing Title	Primary / Secondary	BHEL Inputs	Drg Sch for Vendors
PE-V0-XXX-508-E102	GA AND BATTERY ROOM LAYOUT OF BATTERY BANK	Primary	Battery Room Layout will be provided by BHEL within 07 days of PO Placement	R-0 within 14 days from BHEL input & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.
PE-V0-XXX-508-E101	TDS FOR BATTERY	Primary		R-0 within 14 days from PO & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.
PE-V0-XXX-508-E103	BATTERY SIZING CALCULATION, FAULT CALCULATION AND CONNECTOR SIZING CALCULATION	Primary		
PE-V0-XXX-508-E104	BILL OF MATERIAL FOR BATTERY	Primary		
PE-V0-XXX-508-E108	LIST OF MANDATORY SPARES FOR BATTERY	Primary (for MS)	MS shall be Treated as Separate Item. Not to be Linked with Battery Manufacturing.	
PE-V0-XXX-508-E902	QUALITY PLAN FOR BATTERY	Primary		
PE-V0-XXX-508-E113	GA, SCHEMATICS/CIRCUIT DIAGRAM AND BOM FOR BHMS	Primary (for BHMS)	BHMS shall be Treated as Separate Item. Not to be Linked with Battery Manufacturing.	
PE-V0-XXX-508-E114	QUALITY PLAN FOR BHMS	Primary (for BHMS)		
PE-V0-XXX-508-E105	FIELD QUALITY PLAN PLAN FOR BATTERY	Secondary		R-0 within 30 days from PO & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.
PE-V0-XXX-508-E106	LIST OF E & C SPARES FOR BATTERY	Secondary		
PE-V0-XXX-508-E107	LIST OF O&M SPARES FOR BATTERY	Secondary		
PE-V0-XXX-508-E110	TYPE TEST REPORT FOR BATTERY	Secondary		
PE-V0-XXX-508-E111	CABLE TERMINATION ARRANGEMENT FOR BATTERY TERMINAL	Secondary		
PE-V0-XXX-508-E109	O & M MANUAL FOR BATTERY	Secondary		within 30 days of issuance of MDCC

In case of any delay in submission / re-submission of "PRIMARY" drawings / documents, then same shall be reduced from the given delivery period. Delay in BHEL's comments / approval beyond 18 days shall also be considered for delay analysis.

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For Electrolyte: - Within Thirty (30) days from the date of BHEL clearance. Clearance may be issued by BHEL lot-wise / unit-wise / phase-wise.

Main Supply incl. Erection & Commissioning Spares for Unit-II & III: - Four (04) months from the date of BHEL clearance for respective units.

- **Mandatory Spares:** - Four (4) months from the date of manufacturing clearance by BHEL.
- **Supervision of Erection & Commissioning:** - Bidder to depute their service engineer at site within 15 days from the date of intimation by BHEL for respective units.

Further, following to be noted: -

- a) The end period specified is for completion of the deliveries. Deliveries to start progressively so as to meet the completion schedule.
- b) The delivery conditions specified are for contractual LD purposes, however, BHEL may ask for early deliveries without any compensation thereof.
- c) Non-applicable drawings shall be decided during bid evaluation.
- d) Wherever schedule of drawings / documents submission / re-submission is stipulated in the Technical Specifications, same shall be superseded by delivery specified in NIT.

21. Bidders are requested to refer Performance Bank Guarantee (PBG) format & rules and adhere to it while furnishing PBG.
22. Evaluation will be done on **Total cost to BHEL (excluding GST) basis** as per Cl. No. 19.2 of Instruction to Bidders of GCC, Rev. 07.

"In course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective bidders.

In case more than one bidder happens to occupy L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss / draw of lots, in the presence of respective bidder(s) or their representative(s). Ranking will be done accordingly. BHEL's decision in such situation shall be final and binding."

23. Overall (%) variation in contract values (due to changes in the scope) shall be limited to +/- 5%. This will prevail over the quantity variation Cl. No. 6.0 of GCC, Rev. 07.
24. MSME bidders will have to furnish the UAM details.
25. The offers of the bidders who are on the banned list (list of banned firms available on <http://www.bhel.com>) and also the offers of the bidders, who engage the services of the banned firms, shall be rejected.
26. The Bidder along with its associate / collaborators / sub-contractors / sub-vendors / consultants / service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

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27. Bidders participating in subject tender will necessarily have to buy class III DSCs (Digital Signature Certificate) issued by the certifying authorities in India. Basic procedure /checklist is uploaded on "www.bhel.com" for participating in tender enquires through e-procurement.
28. This item/package/system falls under the list of items defined in Para 3 of Ministry of Finance guidelines dt. 20.09.2016 (procurement of items related to public safety, health, critical security operations and equipment etc.) & hence criteria of prior experience / turnover shall be same for all the bidders including startup / MSME.
29. Bidders to declare that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
30. **Due to COVID-19 pandemic condition prevailing in the country, BHEL-PEM may go for Remote Inspection of offered items, if required. Vendors are requested to be equipped with the facilities / gadgets as indicated in the guidelines attached to take up the inspection REMOTELY.**
31. All other Terms & conditions will be as per GCC-Rev. 07, SCC-Rev. 00 and NIT.
32. Please note that for technical bid, detailed offers are to be submitted including the following: -
 - Acceptance of GCC, Rev. 07 & Special Conditions of Contract (SCC).
 - Along with your offer, please submit a copy of this letter duly signed & stamped on each page as token of acceptance of all terms & instructions conveyed.
 - Technical PQR documents.
 - Integrity Pact
 - Local Content Certification.
 - NTPC's Main & Sub-Supplier Questionnaire.

Thanking You.

Yours Sincerely,

Swapnil Kumar

(Mgr. / PG-III / BHEL-PEM)

Enclosures:

1. Technical Specification No. PE-TS-434-508-E001 - Rev. 01.
2. Project SCC, Rev. 00.
3. Technical PQR.
4. NTPC's Main & Sub-supplier questionnaire.
5. Format for Local Content Certification.
6. Guidelines for Remote Inspection.
7. Integrity Pact

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PROJECT:- 3X800 MW PVUNL PATRATU TPP PHASE-I						
PACKAGE:- DC LEAD ACID / NI-CD BATTERIES						
UNIT-WISE QUANTITY BREAK-UP						
S. No.	Item Description	Unit	Total Quantity	Unit-I Qty.	Unit-II Qty.	Unit-III Qty.
A	220V BATTERY					
A.1	<u>BREAK UP DETAIL for 220V BATTERY 1 (Area 1)</u>					
A.1.1	220V DC Lead-Acid plante High discharge type battery suitable For MAIN PLANT as per Annexure-II (Load duty cycle) with all accessories listed as 1.1 below. (1 set comprises 107 Nos. cell) OR 220V DC, Ni-Cd battery suitable For MAIN PLANT as per Annexure-II (Load duty cycle)with all accessories listed as 1.1 below. (1 set comprises 169 Nos. cell)	Sets	6	2	2	2
A.1.2	Electrolyte (sulphuric acid for first filling plus 10% extra in non-returnable container)	Sets	6	2	2	2
A.1.3	Seasoned teakwood battery rack properly treated for anti-suplhuric acid resistance coated with three coats of anti-acid paint for 220V battery bank (For Lead Acid batteries only) OR MS racks properly treated with alkali resistance powder (For Ni-Cd batteries only)	Sets	6	2	2	2
A.1.4	Porcelain/ hard rubber/ PVC pads insulators / high impact plastic insulators, rubber pad etc. for rack plus 5 % extra. (For Lead Acid batteries only) OR Stand insulators plus 5% extra (For Ni-Cd batteries only)	Lots	6	2	2	2
A.1.5	Intercell, inter row , inter bank connectors with connection hardware as required for complete installation plus 5% extra and end take-off with one no extra take off.	Lots	6	2	2	2
A.1.6	Cell numbering tags with fixing arrangement (1set)	Lots	6	2	2	2
A.1.7	Anti-splash type vent plug	Sets	6	2	2	2
A.1.8	Lead coated connection hardware plus 5% extra(For Lead Acid batteries only) OR Nickle coated connection hardware plus 5% extra (For Ni-Cd batteries only)	Lots	6	2	2	2
A.1.9	Cable clamps with fixing hardware	Lots	6	2	2	2
A.2	<u>LIST OF ACCESSORIES</u>					
A.2.1	Hydrometer	Nos.	12	4	4	4
A.2.2	Cell testing digital voltmeter (3-0-3V) with testing leads	Nos.	12	4	4	4
A.2.3	Wall mounting type holder for hydrometer and thermometer	Nos.	12	4	4	4
A.2.4	Set of Hydrometer syringes suitable for vent holes in different cells	Nos.	12	4	4	4
A.2.5	Thermometer for measuring electrolyte temperature	Nos.	30	10	10	10
A.2.6	Specific gravity correction chart	Nos.	12	4	4	4
A.2.7	Rubber apron	Nos.	12	4	4	4
A.2.8	Pair of rubber hand gloves	Pair	12	4	4	4
A.2.9	Set of Spanners	Nos.	12	4	4	4
A.2.10	" No Smoking" notice	Nos.	12	4	4	4
A.2.11	Goggles (Industrial)	Nos.	12	4	4	4
A.2.12	Instruction card	Nos.	60	20	20	20
A.2.13	Minimum & maximum temperature indicator for each battery room	Nos.	6	2	2	2

A.2.14	Acid / Alkali mixing jar	Nos.	6	2	2	2
A.2.15	Wall mounted teak wood/Acid resistant rubber insulated steel rack for above items.	Nos.	6	2	2	2
A.3	<u>Battery Health Monitoring System for 220V BATTERY1</u>	Sets	6	2	2	2
A.4	<u>BREAK UP DETAIL for 220V BATTERY 2 (Area 2)</u>					
A.4.1	220V DC, 150 AH capacity, 1.85 ECV, 107 cells, Lead-Acid plante High discharge type battery with all accessories listed as 4.1 below. OR 220V DC, 90 AH capacity, 1.14 ECV, 169 cells, Ni-Cd battery with all accessories listed as 4.1 below.	Sets	2	2	0	0
A.4.2	Electrolyte (sulphuric acid for first filling plus 10% extra in non-returnable container)	Sets	2	2	0	0
A.4.3	Seasoned teakwood battery rack properly treated for anti-suplhuric acid resistance coated with three coats of anti-acid paint for 220V battery bank (For Lead Acid batteries only) OR MS racks properly treated with alkali resistance powder (For Ni-Cd batteries only)	Sets	2	2	0	0
A.4.4	Porcelain / hard rubber / PVC pads insulators / high impact plastic insulators, rubber pad etc. for rack plus 5 % extra. (For Lead Acid batteries only) OR Stand insulators plus 5% extra (For Ni-Cd batteries only)	Lots	2	2	0	0
A.4.5	Intercell, inter row, inter bank connectors with connection hardware as required for complete installation plus 5% extra and end take-off with one no extra take off.	Lots	2	2	0	0
A.4.6	Cell numbering tags with fixing arrangement (1set)	Lots	2	2	0	0
A.4.7	Anti-splash type vent plug	Sets	2	2	0	0
A.4.8	Lead coated connection hardware plus 5% extra (For Lead Acid batteries only) OR Nickle coated connection hardware plus 5% extra (For Ni-Cd batteries only)	Lots	2	2	0	0
A.4.9	Cable clamps with fixing hardware	Lots	2	2	0	0
A.5	<u>LIST OF ACCESSORIES</u>					
A.5.1	Hydrometer	Nos.	4	4	0	0
A.5.2	Cell testing digital voltmeter (3-0-3V) with testing leads	Nos.	4	4	0	0
A.5.3	Wall mounting type holder for hydrameter and thermometer	Nos.	4	4	0	0
A.5.4	Set of Hydrometer syringes suitable for vent holes in different cells	Nos.	4	4	0	0
A.5.5	Thermometer for measuring electrolyte temperature	Nos.	10	10	0	0
A.5.6	Specific gravity correction chart	Nos.	4	4	0	0
A.5.7	Rubber apron	Nos.	4	4	0	0
A.5.8	Pair of rubber hand gloves	Pair	4	4	0	0
A.5.9	Set of Spanners	Nos.	4	4	0	0
A.5.10	"No Smoking" notice	Nos.	4	4	0	0
A.5.11	Goggles (Industrial)	Nos.	4	4	0	0
A.5.12	Instruction card	Nos.	20	20	0	0
A.5.13	Minimum & maximum temperature indicator for each battery room	Nos.	2	2	0	0
A.5.14	Acid / Alkali mixing jar	Nos.	2	2	0	0
A.5.15	Wall mounted teak wood/Acid resistant rubber insulated steel rack for above items.	Nos.	2	2	0	0
B	<u>E & C SPARES</u>					
B.1	GLOVES	Sets	8	8	0	0
B.2	VENT PLUGS	Nos.	25	25	0	0
B.3	Intercell connectors	Nos.	25	25	0	0

C	<u>SUPV.OF E&C</u>					
C.1	LUMP SUM CHARGES PER VISIT FOR ENGINEER (EXCEPT DAILY CHARGES)	VISIT	8	4	2	2
C.2	LUMP SUM DAILY CHARGES FOR ENGINEER	DAYS	70	30	20	20
D	<u>MANDATORY SPARES (Main plant battery) - Following spares shall be provided for each set of battery being supplied</u>					
D.1	Complete dry cell (2% or 5 Nos. whichever is more)	Lot	1	0	0	1
D.2	Inter-cell connectors with Hardware (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
D.3	Vent plug (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
D.4	Stand Insulator (if applicable) (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
D.5	Electrolyte Level indicating float (For opaque containers only) (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
D.6	Cell insulator (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
E	<u>MANDATORY SPARES (RWPH battery) - Following spares shall be provided for each set of battery being supplied</u>					
E.1	Battery Cell (Uncharged, Dry) (2% or 5 Nos. whichever is more)	Lot	1	0	0	1
E.2	Inter-cell connectors with hardware (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
E.3	Vent plug (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
E.4	Stand Insulator (if applicable) (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
E.5	Electrolyte Level indicating float (For opaque containers only) (5% or 10 Nos. whichever is more)	Lot	1	0	0	1
E.6	Cell insulator (5% or 10 Nos. whichever is more)	Lot	1	0	0	1

Tender Inviting Authority: Bharat Heavy Electricals Limited-Project Engineering Management, Noida

Name of Work: BOQ cum PRICE SCHEDULE OF MAIN SUPPLY OF DC LEAD ACID / NI-CD BATTERIES FOR 3X800 MW PVUNL PATRATU TPP PHASE-I

Tender Enquiry No.: PE/PG/PA1/E-6644/2021 dt. 26/05/2021

Name of the Bidder/ Bidding Firm / Company :																
NOTES: 1) BIDDERS TO QUOTE EITHER FOR LEAD ACID OR NI-CD BATTERY. 2) COPPER LUGS FOR CABLE TERMINATION AT BATTERY TERMINALS & BHMS SHALL BE IN BIDDER'S SCOPE & CABLE SIZES SHALL BE INFORMED DURING DETAILED ENGINEERING. 3) EACH SET / LOT MENTIONED AGAINST ITEM AT S. NO. 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 1.19 CORRESPONDS TO THE REQUIRED QUANTITY FOR 1 SET OF ITEM AT S. NO. 1.11. SAME IS TO BE READ FOR S. NO. 4.																
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER	NUMBER	NUMBER	TEXT	NUMBER	NUMBER	NUMBER #	NUMBER #	TEXT #
S. No.	Item Description	Remarks for Item Description	Quantity	Units	HSN Code	Quoted Currency in INR / Other Currency	UNIT EX-WORKS PRICE In Figures To be entered by the Bidder	TOTAL EX-WORKS PRICE	FREIGHT RATE	FREIGHT AMOUNT	GST TYPE	GST RATE	GST AMOUNT	TOTAL AMOUNT Without Taxes TOTAL EX-WORKS + FREIGHT	TOTAL AMOUNT With Taxes (TOTAL EX-WORKS + FREIGHT + GST)	TOTAL AMOUNT In Words
1	2	3	4	5	7	12	13	14	15	16	18	20	21	53	54	55
1	BREAK UP DETAIL FOR 220V BATTERY 1 (Area 1)	FOR MAIN PLANT & STATION LOADS														
1.11	220V DC Lead-Acid plante High discharge type battery suitable For MAIN PLANT as per Annexure-II (Load duty cycle) with all accessories listed as below. (1 set comprises 107 Nos. cell) OR 220V DC, Ni-Cd battery suitable For MAIN PLANT as per Annexure-II (Load duty cycle)with all accessories listed as below. (1 set comprises 169 Nos. cell)	For Lead Acid Battery : One Set=> One Battery String comprising of 107 Cells If one string is not meeting the required AH capacity, multiple (n nos.) strings of 107 cells each shall be provided. The complete connectors (including inter cell, inter-row, inter-bank connectors), required to connect the "n" nos. strings shall be in bidder's scope. For Ni-Cd Battery : One Set=> One Battery String comprising of 169 Cells If one string is not meeting the required AH capacity, multiple (n nos.) strings of 169 cells each shall be provided. The complete connectors (including inter cell, inter-row, inter-bank connectors), required to connect the "n" nos. strings shall be in bidder's scope.	6	Sets	8507	INR	0.0000		0.0000				0.0000	0.000	0.000	INR Zero Only
1.12	Electrolyte (sulphuric acid for first filling plus 10% extra in non-returnable container)		6	Sets	2807	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
1.13	Seasoned teakwood battery rack properly treated for anti-sulphuric acid resistance coated with three coats of anti-acid paint for 220V battery bank (For Lead Acid batteries only) OR MS racks properly treated with alkali resistance powder (For Ni-Cd batteries only)		6	Sets	4415	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
1.14	Porcelain/ hard rubber/ PVC pads insulators / high impact plastic insulators , rubber pad etc.for rack plus 5 % extra. (For Lead Acid batteries only) OR Stand insulators plus 5% extra (For Ni-Cd batteries only)		6	Lots	4415	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
1.15	Intercell, inter row , inter bank connectors with connection hardware as required for complete installation plus 5% extra and end take-off with one no extra take off.		6	Lots	8507	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
1.16	Cell numbering tags with fixing arrangement (1set)		6	Lots	3919	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
1.17	Anti-splash type vent plug		6	Sets	8507	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
1.18	Lead coated connection hardware plus 5% extra(For Lead Acid batteries only) OR Nickel coated connection hardware plus 5% extra (For Ni-Cd batteries only)		6	Lots	8507	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
1.19	Cable clamps with fixing hardware		6	Lots	8507	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2	LIST OF ACCESSORIES															
2.11	Hydrometer		12	Nos	9025	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.12	Cell testing digital voltmeter (3-0-3V) with testing leads		12	Nos	9030	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.13	Wall mounting type holder for hydrometer and thermometer		12	Nos	8466	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.14	Set of Hydrometer syringes suitable for vent holes in different cells		12	Nos	9025	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.15	Thermometer for measuring electrolyte temperature		30	Nos	9025	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.16	Specific gravity correction chart		12	Nos	4901	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.17	Rubber apron		12	Nos	4015	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.18	Pair of rubber hand gloves		12	Nos	4015	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.19	Set of Spanners		12	Nos	8204	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.20	"No Smoking" notice		12	Nos	3926	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.21	Goggles (Industrial)		12	Nos	9003	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.22	Instruction card		60	Nos	4901	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only
2.23	Minimum & maximum temperature indicator for each battery room		6	Nos	9025	INR	0.0000			0.0000			0.0000	0.000	0.000	INR Zero Only

2.24	Acid / Alkali mixing jar		6	Nos	3924	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
2.25	Wall mounted teak wood/Acid resistant rubber insulated steel rack for above items.		6	Nos	8466	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
3	BATTERY HEALTH MONITORING SYSTEM FOR 220V BATTERY 1		6	Sets	8543	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4	BREAK UP DETAIL FOR 220V BATTERY 2 (Area 2)	FOR RAW WATER PUMP HOUSE														
4.11	220V DC, 150 AH capacity, 1.85 ECV, 107 cells, Lead-Acid plante High discharge type battery with all accessories listed as below. OR 220V DC, 90 AH capacity, 1.14 ECV, 169 cells, Ni-Cd battery with all accessories listed as below.		2	Sets	8507	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4.12	Electrolyte (sulphuric acid for first filling plus 10% extra in non-returnable container)		2	Sets	2807	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4.13	Seasoned teakwood battery rack properly treated for anti-sulphuric acid resistance coated with three coats of anti-acid paint for 220V battery bank (For Lead Acid batteries only) OR MS racks properly treated with alkali resistance powder (For Ni-Cd batteries only)		2	Sets	4415	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4.14	Porcelain / hard rubber / PVC pads insulators / high impact plastic insulators , rubber pad etc. for rack plus 5 % extra. (For Lead Acid batteries only) OR Stand insulators plus 5% extra (For Ni-Cd batteries only)		2	Lots	4415	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4.15	Intercell, inter row, inter bank connectors with connection hardware as required for complete installation plus 5% extra and end take-off with one no extra take off.		2	Lots	8507	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4.16	Cell numbering tags with fixing arrangement (1set)		2	Lots	3919	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4.17	Anti-splash type vent plug		2	Sets	8507	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4.18	Lead coated connection hardware plus 5% extra (For Lead Acid batteries only) OR Nickle coated connection hardware plus 5% extra (For Ni-Cd batteries only)		2	Lots	8507	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
4.19	Cable clamps with fixing hardware		2	Lots	8507	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5	LIST OF ACCESSORIES															
5.11	Hydrometer		4	Nos	9025	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.12	Cell testing digital voltmeter (3-0.3V) with testing leads		4	Nos	9030	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.13	Wall mounting type holder for hydrometer and thermometer		4	Nos	8466	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.14	Set of Hydrometer syringes suitable for vent holes in different cells		4	Nos	9025	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.15	Thermometer for measuring electrolyte temperature		10	Nos	9025	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.16	Specific gravity correction chart		4	Nos	4901	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.17	Rubber apron		4	Nos	4015	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.18	Pair of rubber hand gloves		4	Nos	4015	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.19	Set of Spanners		4	Nos	8204	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.2	"No Smoking" notice		4	Nos	3926	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.21	Goggles (Industrial)		4	Nos	9003	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.22	Instruction card		20	Nos	4901	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.23	Minimum & maximum temperature indicator for each battery room		2	Nos	9025	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.24	Acid / Alkali mixing jar		2	Nos	3924	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
5.25	Wall mounted teak wood/Acid resistant rubber insulated steel rack for above items.		2	Nos	8466	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
6	E & C SPARES															
6.11	Gloves		8	Sets	4015	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
6.12	Vent Plugs		25	Nos	8507	INR		0.0000		0.0000		0.0000	0.000	0.000	0.000	INR Zero Only
6.13	Intercell connectors		25	Nos	8507	INR		0.0000				0.0000	0.000	0.000	0.000	INR Zero Only
Total in Figures													0.000	0.000	0.000	INR Zero Only
Quoted Rate in Words			INR Zero Only													

Help

Tender Inviting Authority: Bharat Heavy Electricals Limited-Project Engineering Management, Noida

Name of Work: BOQ cum PRICE SCHEDULE OF MANDATORY SPARES OF DC LEAD ACID / NI-CD BATTERIES FOR 3X800 MW PVUNL PATRATU TPP PHASE-I

Tender Enquiry No.: PE/PG/PA1/E-6644/2021 dt. 26/05/2021

Name of the Bidder/ Bidding Firm / Company :

NOTES:

1) Spares shall be provided for each set of battery being supplied e.g. if there is 2 no. parallel battery in one set, then for each set, bidder to consider two times of the qty. of applicable for 1 no. battery

[illegible]

Help

Tender Enquiry No.: PE/PG/PA1/E-6644/2021 dt. 26/05/2021

Name of the Bidder/ Bidding Firm / Company :													
NOTES: 1) AMOUNT PAYABLE FOR ENGINEER PER VISIT TO SITE = VISIT CHARGES AS PER SL. NO. 1 BELOW + (DAILY CHARGES AS PER SL. NO. 2 BELOW X NO. OF DAYS AT SITE) (TO BE CERTIFIED BY BHEL SITE). 2) THE VISIT CHARGES SHALL BE INCLUSIVE OF CHARGES OF AIR FARE / TRAIN FARE / VISA FEES, BOARDING / LODGING, LOCAL CONVEYANCE, MEDICAL, INSURANCE ETC. 3) SITE VISIT CHARGES SHALL BE APPLICABLE FOR ANY VISIT MADE BY VENDOR AT SITE AFTER RECEIVING THE INSTRUCTION FROM BHEL FOR DEPUTATION OF VENDOR REPRESENTATIVE. THE VISIT CAN BE CALLED FOR SUPERVISION OF COMMISSIONING & TESTING ETC.													
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER	TEXT	NUMBER	NUMBER	NUMBER #	NUMBER #	TEXT #
S. No.	Item Description	Quantity	Units	HSN Code	Quoted Currency in INR / Other Currency	UNIT EX-WORKS PRICE In Figures To be entered by the Bidder	TOTAL EX-WORKS PRICE	GST TYPE	GST RATE	GST AMOUNT	TOTAL AMOUNT Without Taxes (TOTAL EX-WORKS + FREIGHT)	TOTAL AMOUNT With Taxes (TOTAL EX-WORKS + GST)	TOTAL AMOUNT In Words
1	2	4	5	7	12	13	14	18	20	21	53	54	55
1	LUMP SUM CHARGES PER VISIT FOR ENGINEER (EXCEPT DAILY CHARGES)	8	Visit	9987	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
2	LUMP SUM DAILY CHARGES FOR ENGINEER	70	Days	9987	INR		0.0000			0.0000	0.000	0.000	INR Zero Only
Total in Figures											0.000	0.000	INR Zero Only
Quoted Rate in Words		INR Zero Only											

Help

Tender Inviting Authority: Bharat Heavy Electricals Limited-Project Engineering Management, Noida

Name of Work: COST OF WITHDRAWAL FOR DC LEAD ACID / NI-CD BATTERIES FOR 3X800 MW PVUNL PATRATU TPP PHASE-I

Tender Enquiry No.: PE/PG/PA1/E-6644/2021 dt. 26/05/2021

Name of the Bidder/ Bidding Firm / Company :

ANNEXURE-II (COST OF WITHDRAWAL)

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only.)

NOTES:

2. Cost of Withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.
3. All the bidders have to list out all their technical & commercial deviations (if any) in details in the above format.
4. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.
5. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawal of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.
6. Bidder shall furnish price copy of above format along with price bid.
7. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.
8. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.
9. For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawal of deviation loading as per Annexure-VII of GCC, Rev-07 will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawal of deviation shall be taken as NIL.
10. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted.
11. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
12. Cost of withdrawal is to be given separately for each deviation. In no event bidder should club cost of withdrawal of more than one deviation else cost of withdrawal of such deviations which have been clubbed together shall be considered as NIL.
13. In case nature of cost of withdrawal (positive/negative) is not specified it shall be assumed as positive.
14. In case of discrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.

NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	TEXT	TEXT	TEXT	TEXT	NUMBER #	TEXT #
Sl. No.	Item Description	Quoted Currency in INR / Other Currency	Cost of withdrawal of deviation to be entered by the bidder in Rs.	Page no.	Technical specification/tender document clause no.	Reference of price schedule of which cost of withdrawal of deviation is applicable	Nature of cost of withdrawal of deviation (positive/Negative)	Reasons for quoting deviation	TOTAL AMOUNT Without Taxes in Rs.	Total FOR site Price In Words
1	2	12	13	23	24	30	31	36	53	55
1.01	TECHNICAL DEVIATION									
1.02	Technical deviation	INR							0.000	INR Zero Only
1.03	Technical deviation	INR							0.000	INR Zero Only
1.04	Technical deviation	INR							0.000	INR Zero Only
1.05	Technical deviation	INR							0.000	INR Zero Only
2	COMMERCIAL DEVIATION									
2.01	Commercial deviation	INR							0.000	INR Zero Only
2.02	Commercial deviation	INR							0.000	INR Zero Only
2.03	Commercial deviation	INR							0.000	INR Zero Only
2.04	Commercial deviation	INR							0.000	INR Zero Only
Total in Figures									0.00	Zero Only
Quoted Rate in Words							INR Zero Only			

Guidelines for Remote Inspection of PEM BOIs

1) OBJECTIVE:

To lay down the procedure for carrying out Remote Inspection of Bought-out Items (BOIs) for PEM suppliers wherever applicable.

2) SCOPE:

It will cover suppliers for packages of PEM BOIs for various project requirements.

Invitation is sent to the suppliers for remote inspection on applications like MS Teams, Webex, etc. by BHEL.

3) MINIMUM REQUIREMENTS AT SUPPLIER'S WORKS:

- i. Uninterrupted internet services
- ii. Good internet bandwidth (Min 100 Mbps)
- iii. Good resolution camera (2 nos) – one preferably CCTV (static at one place) and one hand hold (moving)
- iv. Smart phone with minimum 8MPi camera front and back both with optical zoom facility suitable for using web applications like Webex, MicroSoft (MS) Teams, etc.
- v. Computer and Scanner with good resolution
- vi. Digital signatures of supplier's Quality Engineer
- vii. Availability of web applications like Webex, MicroSoft (MS) Teams, as required.
- viii. All Test certificates, internal test reports, calibration reports, etc. for the items offered for inspection.
- ix. Availability of the above to be submitted to BHEL two days in advance before inspection.
- x. Dedicated team from supplier side for facilitating inspection requirements.
- xi. For ensuring proper visibility, the suggested Portable lighting sources (torch/ electric LED bulb of minimum 15 W) with no glare is to be ensured at offered job, location for remote inspection/testing. This is to be verified before start of the inspection.
- xii. The GPS location co-ordinates or any method to locate inspection location shall be captured indicating the location of the Vendor-Premises of remote inspection/testing.

4) MINIMUM REQUIREMENTS AT BHEL and CUSTOMER LOCATION :

- i. Uninterrupted internet services
- ii. Suitable internet bandwidth
- iii. Digital signatures wherever required.
- iv. Availability of web applications like Webex, MS Teams, etc. as required.
- v. Clearance from customer for conducting remote inspection

5) PROCEDURE:

- i. Supplier will raise the inspection call in BHEL - CQIR portal.
- ii. Supplier shall ensure availability of minimum requirements at supplier's works as mentioned above at point 3.

- iii. Before starting the inspection, the supplier shall submit the documents (TCs, internal test reports and calibration certificates as per approved QAP) two days before the date of inspection for review by BHEL and supplier shall coordinate with BHEL and if found satisfactory, inspection shall be considered for remote.
 - iv. Prior to commencement of remote inspection a pre inspection meeting shall be organised by BHEL inspector with supplier to ascertain the readiness for remote inspection.
- 6) During inspection, supplier shall share the location on Google maps for verifying the address of the manufacturer. Location may be captured by BHEL as screenshot.
- i. Inspection shall be on the basis of approved Quality Plans and associated reference documents mentioned.
 - ii. For witnessing inspection, supplier shall bring the mobile video camera near to the surface of the equipment or as per requirement of the inspector for clarity in viewing the test/ equipment which shall be the responsibility of supplier. Supplier shall ensure that proper lighting is available during live video streaming.
 - iii. Before start of the inspection, inspector shall ensure that all instruments shall have valid calibration report. Supplier shall ensure use of digital instruments preferably for inspection to the extent possible.
 - iv. Details of suppliers's dedicated team handling the remote inspection shall also be incorporated in the CQIR.
 - v. All details of inspection/ testing referred documents shall be mentioned in the CQIR. Recording of remote inspection shall be maintained by the BHEL inspector and this recording (unedited) shall be maintained at BHEL system for a minimum period of 3 years or till the warranty period whichever is later.
 - vi. PEM (Engineering) shall accord final technical clearance, in case of any deviation in inspected item noticed during inspection.
 - vii. Inspection shall be conducted by PEM-Q&BE assigned inspector along with PEM-Engg (if required). CQIR shall be prepared and maintained by PEM-Q&BE.
 - viii. PG will issue MDCC on the basis of acceptance of inspected items along with accepted packing photographs as per contract provisions.
- 7) **UNDERTAKING BY VENDOR:** Material inspected through remote inspections is meeting all technical requirements of BHEL. In case of any discrepancy from the above procedure/ material inspected, if found later, vendor will replace the materials without any cost implication to BHEL.
- 8) Vendor shall provide the signed and stamped of the above guidelines to BHEL as a token of acceptance.

Letter head of Company (<Rs. 10 Cr value)

Ref.....

Date.....

To,

Bharat Heavy Electricals Limited PEM,

PPEI Building, Plot No 25, Sector -16A,

Noida (U.P)-201301

Subject: -Certification regarding local content

Reference: Tender Enquiry No-.....

Name of Package:

Dear Sir,

We hereby certify that items offered by us of(package name).....for.....(Project Name/Rate contract)..... meets the requirement of minimum local content in line with Cl. No..... of NIT No..... dated..... and the Public Procurement (Preference to Make in India), Order 2017 dated-15.06.2017, 28.05.2018, 29.05.2019 , 04.06.2020 &16.09.2020.


Local Content-%

We further confirms that details of location at which the local value addition is made will be our registered works at(address of the works)

Yours very truly

.....(authorized signatory of company)

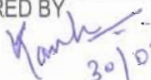
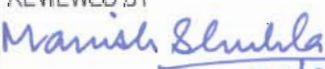
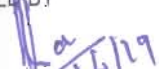
.....(firm name)

	PRE-QUALIFICATION REQUIREMENTS FOR DC LEAD ACID / Ni-Cd BATTERIES	PE-PQ-999-508-E001
		REVISION NO. 04 DATE 30/03/2019
		SHEET NO. 1 OF 1

ITEMS: DC Lead Acid / Ni-Cd Battery.	
Vendor may be considered for evaluation for one or more of the following type of 220V /110V of DC batteries: Type 1 - Lead Acid (Plante) – 1200AH & above Type 2 - Ni Cd (Fibre Plate) – 600AH & above Type 3 - Ni Cd (Positive Pocket Plate) – 600AH & above	
SCOPE: Supply : YES; Erection & Commissioning : NO; Supervision of Erection & Commissioning : YES;	
1	Vendor should be designer & manufacturer of the applicable type of Battery.
2	Vendor to furnish published technical catalogue for the applicable type of batteries.
3	Availability of type test certificates conducted at independent Lab or witnessed by third party as per IS/International standards for the applicable type of batteries.
4	In-house capability to carry out all routine and acceptance tests as per IS/International standards for the applicable type of batteries.
5	Option-1: Performance certificates for min. 2 years of trouble free operation at two (2) different installations/sites for the applicable type of batteries. Performance certificate should be from end user only. OR Option-2: Repeat order received from 2 different purchasers / end users for the applicable type of batteries during last 5 years provided the gap between award of two PO's is minimum 2 years. OR Option-3: 1 no. performance certificate (as per Option-1) and 1 no. repeat order (as per Option-2). OR Option-4 : Successful execution of a major order for BHEL-PEM for the applicable type of batteries.
6	Minimum two (2) nos. purchase orders for the applicable type of batteries shall be submitted which should not be more than five(5) years old from the date of application for registration or date of techno- commercial bid opening (as applicable) for establishing continuity in business.

Notes (General points):

1. Consideration of offer shall be subject to customer's approval of bidders, if applicable.
2. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.
3. Any other project specific requirement shall be as per Annexure-I and bidder shall submit relevant supporting documents. Bidder to meet criteria as stated above and as per Annexure- I.
4. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
5. After satisfactory fulfillment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.

PREPARED BY  30/03/2019 NAME: KANHAIYA KUMAR DESIGNATION: MANAGER(E)	REVIEWED BY  30/03/19 NAME: MANISH SHUKLA DESIGNATION: DGM(E)	APPROVED BY  30/03/19 NAME: DEBASIS RATH DESIGNATION: AGM & DH(E)
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BHEL PEM-ELECTRICAL

**PRE-QUALIFYING REQUIREMENTS FOR DC LEAD ACID BATTERIES
DOC. NO. PE-PQ-999-558-E001, REV. 04 DATED 30.03.19**

3X800 MW PATRATU STPS

ANNEXURE-1

PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

The Bidder / Sub Vendor should have manufactured and supplied at least two (2) numbers of highest offered rating or above of High Discharge type Plante Positive Plate type battery (in case bidder offers Lead Acid Plante type battery) or High Discharge type Nickel Cadmium battery (in case bidder offers Nickel Cadmium battery), at least one (1) each at two (2) different industrial installations, which should have been in successful operation for at least two (2) years prior to the date of 08.09.18.

NOTE: Two different installations mean two different project sites or two different contracts

Priyanka
01/06/19

Priyanka Agrawal

[Dealing Engineer]

Hema
01/06/19

Hema kushwaha

[Controlling officer]


Praveen
01/06/19

Praveen Dutta


[Section Head]

Debasisa
01/06/19

Debasisa rath
[DH-Electrical]


	CORPORATE QUALITY ASSURANCE/ कॉरपोरेट गुणवत्ता आश्वासन MAIN CONTRACTOR'S PROPOSAL CUM EVALUATION REPORT मुख्य संविदाकार प्रस्ताव सह मुल्यांकन रिपोर्ट	

Ref No:				Date:			
संदर्भ सं.:				तिथि:			
i.	Main Contractor मुख्य संविदाकार						
ii.	Project परियोजना						
iii.	Package Name पैकेज का नाम			Package No पैकेज सं.			
iv.	Proposed Item/Scope of Sub-contracting उप- संविदा(अनुबंध) का प्रस्तावित मद/ दायरा						
v.	Item covered under निम्नलिखित के अंतर्गत शामिल मद	Schedule-1 /अनुसूची- 1				As per contract clause No- अनुबंध के अनुसार खंड सं.- -	
		Schedule-2 अनुसूची- -2					
vi.	If item is Schedule-1 and proposed sub-vendor is indigenous, Main Contractor to explain how the contractual provisions will be fulfilled /यदि मद अनुसूची -1 है और प्रस्तावित उप-विक्रेता स्वदेशी है, तो मुख्य संविदाकार को स्पष्ट करना होगा कि संविदा/अनुबंध के प्रावधान कैसे पूरे किए जाएंगे						
vii.	Name and Address of the proposed Sub-vendor's works /प्रस्तावित सब-वेंडर का नाम तथा पता						
viii.	PO placement date/ Start of manufacturing (if self-manufactured) as per L2 network पीओ नियोजन की तिथि / एल- 2 नेटवर्क के अनुसार विनिर्माण (यदि स्व-निर्मित है) की शुरुआत						
ix.	Item Description (Type/Size/Rating/Scope of Sub-Contracting) मद का विवरण (प्रकार / आकार / रेटिंग / उप-अनुबंध का दायरा)	Total quantity of proposed item envisaged in this package (Nos/ Running Meters/ Kgs/ Tons etc) इस पैकेज में परिकल्पित प्रस्तावित मद की कुल मात्रा (संख्या / क्रियाशील मीटर / किलोग्राम / टन आदि)	Quantity proposed to be procured from proposed sub-vendor (Nos/ Running Meters /Kgs /Tons etc) प्रस्तावित उप-विक्रेता (संख्या / क्रियाशील मीटर / किलोग्राम / टन आदि) से खरीदी जाने वाली मात्रा	Timeline for quantity requirements as per project schedule & whether the proposed Sub-vendor equipped with adequate capacity to supply proposed order quantity in time / परियोजना समय सूची के अनुसार मात्रा आवश्यकताओं के लिए समय-सीमा और क्या प्रस्तावित उप-विक्रेता समय पर प्रस्तावित मांग की मात्रा की आपूर्ति करने में पूरी तरह से सक्षम है			
x.	Supply experience of the proposed sub-vendor (including supplies to Main Contractor, if any) for similar item/scope of sub-contracting, for last 3 years (Note:- Only relevant experience details w.r.t. proposed item/scope of subcontracting to be brought out here) पिछले 3 वर्षों के लिए उप-अनुबंध के समान मद / दायरे के लिए प्रस्तावित सब-वेंडर (मुख्य संविदाकार हेतु आपूर्ति, यदि कोई हो, सहित) का आपूर्ति अनुभव (नोट: - उप-अनुबंध के प्रस्तावित मद / दायरे के संबंध में केवल प्रासंगिक अनुभव के विवरण का उल्लेख हो						


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Project/Package परियोजना/पैकेज	Customer Name ग्राहक का नाम	Supplied Item (Type/Rating/Model /Capacity/Size etc) आपूर्ति मद् (प्रकार/रेटिंग /मॉडल /क्षमता/आकार आदि)	PO ref no/date पीओ संदर्भ सं. /तिथि	Supplied Quantity आपूर्ति की मात्रा	Date of Supply आपूर्ति की तिथि
<i>We confirm that as per our assessment, the proposed sub-vendor has requisite capabilities & supply experience and is suitable for supplying the proposed item/scope of sub-contracting/हम अपने आकलन के अनुसार इस बात की पुष्टि करते हैं कि, प्रस्तावित उप-विक्रेता के पास अपेक्षित क्षमता और आपूर्ति करने का अनुभव है और उप-अनुबंध के दायरे /प्रस्तावित मद् की आपूर्ति के लिए उपयुक्त है।</i>					
Name: नाम:	Desig: पद:	Contact No: दूरभाष सं.:	Sign: हस्ताक्षर:	Date: तिथि:	


Company's Seal/Stamp:- कंपनी का मुहर:-

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i.	Item/Scope of Sub-contracting उप-संविदा(अनुबंध) का मद/ दायरा			
ii.	Address of the registered office पंजीकृत कार्यालय का पता 	Details of Contact Person संपर्क व्यक्ति का विवरण (Name, Designation, Mobile, Email) (नाम, पदनाम, मोबाइल, ईमेल)		
iii.	Name and Address of the proposed Sub-vendor's works where item is being manufactured प्रस्तावित उप-विक्रेता के कार्यों का नाम और पता, जहां मद का निर्माण किया जा रहा है 	Details of Contact Person: संपर्क व्यक्ति का विवरण (Name, Designation, Mobile, Email) (नाम, पदनाम, मोबाइल, ईमेल)		
iv.	Annual Production Capacity for proposed item/scope of sub-contracting उप-संविदा(अनुबंध) के प्रस्तावित मद / दायरे के लिए वार्षिक उत्पादन क्षमता			
v.	Annual production for last 3 years for proposed item/scope of sub-contracting उप-संविदा(अनुबंध) के प्रस्तावित मद / दायरे के लिए पिछले 3 वर्षों का वार्षिक उत्पादन			
vi.	Details of proposed works प्रस्तावित कार्यों का विवरण			
1.	Year of establishment of present works वर्तमान फैक्टरी की स्थापना का वर्ष			
2.	Year of commencement of manufacturing at above works उपरोक्त फैक्टरी में निर्माण कार्य शुरू होने का वर्ष			
3.	Details of change in Works address in past (if any) पूर्व में फैक्टरी स्थल में परिवर्तन का विवरण (यदि कोई हो)			
4.	Total Area कुल क्षेत्र Covered Area शामिल क्षेत्र			
5.	Factory Registration Certificate फैक्टरी पंजीकरण प्रमाण पत्र	Details attached at Annexure – F2.1 विवरण अनुलग्नक-एफ 2.1 पर संलग्न है		
6.	Design/ Research & development set-up डिजाइन / अनुसंधान और विकास सेटअप (No. of manpower, their qualification, machines & tools employed etc.) (श्रमिकों की संख्या, उनकी योग्यता, मशीन और उपलब्ध उपकरण आदि)	Applicable / Not applicable if manufacturing is as per Main Contractor/purchaser design) Details attached at Annexure – F2.2 (if applicable) लागू / लागू नहीं, अगर विनिर्माण मुख्य संविदाकार / खरीददार के डिजाइन के अनुसार है) विवरण अनुलग्नक –एफ 2.2 पर संलग्न है। (यदि लागू हो)		
7.	Overall organization Chart with Manpower Details (Design/Manufacturing/Quality etc) मैनपावर विवरण के साथ समग्र संगठन का चार्ट(डिजाइन / विनिर्माण / गुणवत्ता आदि)	Details attached at Annexure – F2.3 विवरण अनुलग्नक – F2.3 में संलग्न है।		

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8.	After sales service set up in India, in case of foreign sub-vendor(Location, Contact Person, Contact details etc.) भारत में बिक्री सेवा की स्थापना के बाद, विदेशी उप-विक्रेता के मामले में(स्थल , संपर्क व्यक्ति, संपर्क विवरण आदि)	Applicable / Not applicable लागू / लागू नहीं Details attached at Annexure – F2.4 विवरण अनुलग्नक -2.4 पर संलग्न है।			
9.	Manufacturing process execution plan with flow chart indicating various stages of manufacturing from raw material to finished product including outsourced process, if any फ्लोचार्ट सहित विनिर्माण प्रक्रिया निष्पादन योजना , जिसमें आउटसोर्स प्रक्रिया, यदि कोई हो, सहित कच्चे माल से तैयार उत्पाद तक विनिर्माण के विभिन्न चरणों को दर्शाया गया हो,	Details attached at Annexure – F2.5 विवरण अनुलग्नक - F2.5में संलग्न है।			
10.	Sources of Raw Material/Major Bought Out Item कच्चे माल के स्रोत / खरीदे हुए मुख्य मद	Details attached at Annexure – F2.6 विवरण अनुलग्नक - F2.6में संलग्न है।			
11.	Quality Control exercised during receipt of raw material/BOI, in-process , Final Testing, packing कच्चे माल / खरीदे हुए मद, प्रक्रियाबद्ध, अंतिम परीक्षण, पैकिंग करते समय गुणवत्ता नियंत्रण	Details attached at Annexure – F2.7 विवरण अनुलग्नक - F2.7 पर संलग्न है			
12.	Manufacturing facilities (List of machines, special process facilities, material handling etc.) विनिर्माण सुविधा(मशीनों की सूची, विशेष प्रक्रिया सुविधाएं, सामग्री रख-रखाव आदि)	Details attached at Annexure – F2.8 विवरण अनुलग्नक - F2.8में संलग्न है।			
13.	Testing facilities (List of testing equipment) परीक्षण सुविधाएं(परीक्षण उपकरण की सूची)	Details attached at Annexure – F2.9 विवरण अनुलग्नक – F2. 9 में संलग्न है।			
14.	If manufacturing process involves fabrication then- यदि निर्माण प्रक्रिया में फेब्रिकेशन की गई है तो- List of qualified Welders पात्र वेल्डर की सूची List of qualified NDT personnel with area of specialization विशेषज्ञता के क्षेत्र सहित पात्र एनडीटी कार्मिकों की सूची	Applicable / Not applicable लागू / लागू नहीं Details attached at Annexure – F2.10 विवरण अनुलग्नक - F2.10में संलग्न है। (if applicable) लागू / लागू नहीं			
15.	List of out-sourced manufacturing processes with Sub-Vendors' names & addresses सब-वेंडर द्वारा बाह्य स्रोतों (उनके नाम और पते सहित)से करवाएं गए निर्माण प्रक्रियाओं की सूची	Applicable / Not applicable लागू / लागू नहीं Details attached at Annexure. –F2.11 विवरण अनुलग्नक - F2.10में संलग्न है। (if applicable) (यदि लागू हो)			
16.	Supply reference list including recent supplies नवीनतम आपूर्ति सहित आपूर्ति संदर्भ सूची	Details attached at Annexure – F2.12 विवरण अनुलग्नक - F2.12 में संलग्न है। (as per format given below) (नीचे दिए गए प्रारूप के अनुसार)			
Project/ package परियोजना /पैकेज	Customer Name ग्राहक का नाम	Supplied Item (Type/Rating/Model /Capacity/Size etc) आपूर्ति की गई वस्तु (प्रकार / रेटिंग / मॉडल / क्षमता / आकार आदि)	PO ref no/date पीओ संदर्भ सं. / तिथि	Supplied Quantity आपूर्ति की मात्रा	Date of Supply आपूर्ति की तारीख
17.	Product satisfactory performance feedback letter/certificates/End User Feedback उत्पाद के संतोषजनक प्रदर्शन संबंधी फीडबैक पत्र / प्रमाण पत्र / अंतिम उपयोगकर्ता फीडबैक			Attached at annexure - F2.13 अनुलग्नक F2. 3पर संलग्न है	

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18.	Summary of Type Test Report (Type Test Details, Report No, Agency, Date of testing) for the proposed product (similar or higher rating) प्रस्तावित उत्पाद (एक समान या उच्च रेटिंग वाले) के लिए टाइप टेस्ट रिपोर्ट (टाइप टेस्ट विवरण, रिपोर्ट संख्या, एजेंसी, जांच की तारीख) का सारांश नोट: - रिपोर्ट प्रस्तुत करने की आवश्यकता नहीं है Note:- Reports need not to be submitted	Applicable / Not applicable लागू / लागू नहीं Details attached at Annexure – F2.14 विवरण अनुलग्नक - F2.1 4 में संलग्न है (if applicable) (यदि लागू हो)
19.	Statutory / mandatory certification for the proposed product प्रस्तावित उत्पाद के लिए वैधानिक / अनिवार्य प्रमाणीकरण	Applicable / Not applicable लागू / लागू नहीं Details attached at Annexure – F2.15 (if applicable) (यदि लागू हो)
20.	Copy of ISO 9001 certificate आईएसओ 9001 प्रमाण पत्र की प्रति (if available) (यदि उपलब्ध हो)	Attached at Annexure – F2.16 अनुलग्नक में संलग्न - F2.1 6 है
21.	Product technical catalogues for proposed item (if available) प्रस्तावित मद के लिए उत्पाद तकनीकी कैटलॉग (यदि उपलब्ध हो)	Details attached at Annexure – F2.17 विवरण अनुलग्नक - F2.1 7 में संलग्न है

Name:		Desig:		Sign:		Date:	
नाम:		पद:		हस्ताक्षर:		तिथि:	

Company's Seal/Stamp:- कंपनी की मुहर / मोहर: -

These Conditions shall be read and construed along with General Conditions of Contract (GCC) rev.06 & GST related Corrigendum to GCC rev.06, to be enclosed along with the tender enquiry. In case of any conflict or inconsistency, the conditions given in SCC shall prevail over the GCC and its corrigendum.

Sl No.	Title	Description
1.	Project Name	3 x 800 MW PVUNL PATRATU TPP PHASE-I (EPC)
2.	Nature of project & Type of Bidding	Non-Mega & ICB (International Competitive Bidding)
3.	Customer Order Ref No	01/PVUNL-CS-9585-001-2/NOA-FC dated 08.03.2018 01/PVUNL-CS-9585-001-2/NOA-SC dated 08.03.2018 01/PVUNL-CS-9585-001-2/NOA-TC dated 08.03.2018
4.	BHEL's Customer	PATRATU VIDYUT UTPADAN NIGAM LIMITED (subsidiary of NTPC Limited in joint venture with JBVNL)
5.	PVUNL GST No.	20AAICP3718K1ZH
6.	Customer Consultants	No consultant
7.	Consignee Address (Bill To)	For supply package: BHEL, Power Sector-Project Engineering Management, Power Project Engineering Institute, Plot No. 25, Sector-16A, Noida, Uttar Pradesh-201301. GSTIN: 09AAACB4146P2ZC For turnkey packages (where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL-PSWR): Construction Manager, BHEL site office, Patratu Vidyut Utpadan Njigam Ltd , PO: PTPS , Patratu , Ramgarh, Jharkhand - 829119 BHEL PSWR GSTIN No.- 27AAACB4146P1ZF
8.	Delivery Address (Ship To)	Construction Manager, Bharat Heavy Electricals Limited, Patratu Vidyut Utpadan Njigam Ltd, PO: PTPS , Patratu , Ramgarh ,Jharkhand - 829119
9.	BHEL Site Office Address	Construction Manager, Bharat Heavy Electricals Limited, Patratu Vidyut Utpadan Njigam Ltd , PO: PTPS , Patratu , Ramgarh, Jharkhand - 829119
10.	Location of Plant	Site is Located just outside the coal belt of South Karanpura in Ramgarh District of Jharkhand State. The nearest Railway Station is Patratu which is at a distance of about 4 km on Barkakhana-Barwadih Railway line. District: Ramgarh (state- Jharkhand) Next big cities to site: Ranchi Nearest Railway Station: - Patratu Nearest Airport: Ranchi (45 km by road from site)
11.	Mode of Dispatch	Air, Road, Rail & Sea Transportation For indigenous supplies: By Rail/Road on door delivery and freight pre-paid basis. For imported supplies: On C&F basis. Transit Insurance will be in BHEL scope
12.	Road Permit /E-waybill	Road Permit / E-way bill, to be arranged by Supplier/ transporter/ BHEL (as per GOI mandate).
13.	BHEL GSTIN Details	For supply packages: BHEL-PEM is registered in the State of Uttar Pradesh with GSTIN 09AAACB4146P2ZC

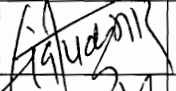
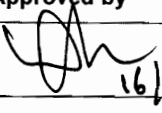
		For Turnkey packages: BHEL PSWR GSTIN No.- 27AAACB4146P1ZF
14.	Transit Insurance	<p>In BHEL Scope.</p> <p>For each dispatch, vendor shall inform the following to the Underwriter under intimation to BHEL-PEM and BHEL Site office:</p> <ul style="list-style-type: none"> (i) Policy No. (ii) Consignee Name. (iii) Consignment Details (items with their weights and value (in INR). (iv) Project Name and P.O. No. (v) LR No. and date, Dispatch origin and destination details, Invoice No. <p>Vendors to intimate the underwriters quoting the insurance Policy No. as mentioned in Purchase Order.</p>
15.	Dispatch intimation	<p>Yes in writing, Not less than 30 (Thirty) days prior to date of shipment and dispatch details to be sent to:</p> <p style="padding-left: 40px;">BHEL Site office (As mentioned in Sl. No. 9) BHEL PEM Noida (As mentioned in NIT)</p> <p>At the point of dispatch, vendor must furnish docs required as given below through Email / Fax</p> <ul style="list-style-type: none"> i. Vendor's invoice ii. LR / RR / GR / Courier Receipt iii. Packing List/ Challan indicating the items dispatched (with their weights) iv. Insurance intimation letter informing the underwriters about the dispatches v. MDCC (of BHEL / NTPC) as applicable vi. Photograph of packing / boxes showing dispatch marking as per Sl. No. 26
16.	Document required for Vendor's payment.	<p>For materials originating from Indian territory</p> <p>For claiming the payment against dispatch, MRC & Freight, documents as mentioned in GCC rev 06 & its corrigendum shall be submitted by vendor to BHEL. Original money receipt must be submitted for Freight payment.</p> <p>Packing List must comply to Clause No. 19.3 of General Commercial Terms & Conditions of GCC rev.06. Description of items in packing list shall be as per PO such that proper correlation between PO & packing list must be furnished.</p> <p>Soft copy of documents for claiming payment shall be submitted by vendor as advance copy.</p> <p>For materials originating from non-Indian Territory</p> <p>Three (3) original and Three (3) copies of clean bill of lading or One (1) clean original Airway Bill & Three (3) copies, in case of air freight.</p> <p>One (1) original and Three (3) copies of signed Invoices</p> <p>One (1) original and Three (3) copies of Packing List (clearly showing number of packages, gross weight and net weight).</p> <p>Three (3) copies of certificate of country of origin.</p> <p>Copy of MDCC from BHEL / NTPC (as applicable)</p> <p>Three (3) copies of inspection certificate, if any, issued by the customer/his authorized representative.</p> <p>Three (3) of certificate from the vendor to the effect that drawings and catalogues for customs clearance purpose have been kept with the packages for shipment.</p> <p>Three (3) copies of certificate from the vendor to the effect that the contents in each case are not less than that entered in the invoices and guaranteed as new and as per the relevant technical specifications.</p> <p>Shipping Specification – One (1) copy.</p> <p>Quality Certificate – One (1) copy.</p> <p>Approved Test Certificates, if any. - Three (3) copies.</p> <p>Guarantee Certificate – One (1) Original + One (1) copy.</p>

Gaurav
08/5/18

		Inspection Reports – One (1) Original + One (1) copy. PVC Calculation and copy of all applicable indices, if PVC applicable. – Two (2) copies.
17.	Material Receipt Certificate (MRC)	A) For supply packages- BHEL-PEM will arrange MRC from BHEL site B) For Turnkey (Supply + Erection & Commissioning) – Original MRC duly signed by customer (PVUNL) & BHEL site is to be arranged by Vendor.
18.	Buyer and Paying Authority	For packages where PEM will issue the Purchase Order: BHEL PEM will be the paying authority. For packages where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL-PSWR: BHEL Patratu Site will be the paying Authority.
19.	Demurrage charges	Demurrage charges shall be paid by supplier/ vendor only to the transporter. No claim shall be acceptable to BHEL in this regard.
20.	Unloading, Storage & Movement of material at site	a) By BHEL site office for supply packages. b) By vendors for Turnkey i.e. Supply and E&C packages
21.	Concessional custom duty against Essentiality certificate (EC)	<p>The project has been qualified through Project Import route. Accordingly, the benefits applicable to PI project would be granted for this project in this regard applicable documents such as Essentiality certificate will be issued by NTPC (ultimate customer). Under this, Concessional rate of Customs Duty shall be applicable on the Import Contents of the supplier respectively. Based on the above EC, Customs Duty Benefits will be passed on to the vendor. The Bidder to indicate the Import contents i.e. list of the item, Currency of Import and Country of Import including CIF value in their offers. BHEL shall inform, the availability of CIF value for a particular package, if any, at the time of NIT. The benefits availed in Concessional Customs Duty must be passed on to BHEL in their offer.</p> <p>Vendor shall inform BHEL and provide the necessary documents to obtain required certificates from BHEL to avail exemption. Obtaining custom duty benefit in line with the Essentiality Certificate issued shall be in vendor's scope.</p>
22.	Taxes & Duties (For Domestic Vendor)	As per General Conditions of Contract (GCC rev 06) & GST related Corrigendum to GCC rev.06
23. a	Taxes & Duties (For Order Directly to Foreign Bidders)- supply packages	In case of foreign vendors, quoted prices & Dispatches shall be on C & F (Port-Chennai) basis and the Taxes & duties in the country of dispatch shall be borne by Foreign vendor.
23. b	Taxes & Duties (For Order Directly to Foreign Bidders)- Turnkey packages	Complete responsibility of import including (but not limited to) import clearance, all taxes and duties in the country of export (origin), all taxes and duties in India shall be to vendor's account.
24.	Inspection Agency	BHEL/ BHEL approved 3rd party inspection agencies and/or NTPC/ Customer Agency as applicable.
25.	Inspection procedure for Domestic supplies	<p><u>For Domestic supplies</u> Vendor shall raise inspection call at least 15 business days in advance on BHEL CQS website to applicable inspection agency (as mentioned in PO/LOI or to be informed later) and submit copy of inspection call to BHEL-PEM for arranging NTPC inspection/Joint inspection on the proposed date, as applicable. MDCC shall be issued on the basis of clear inspection report (CQIR).</p> <p><u>For Foreign supplies</u> In case of Foreign supplies, if NTPC approved 3rd party inspection agency does not participate in the inspection, test certificates & inspection reports duly accepted by the agreed Inspection agency shall be submitted in soft copy to BHEL-PEM. The same shall be reviewed by PEM and then, sent to NTPC for clearance. The dispatch clearance (MDCC) by NTPC/ BHEL as applicable shall be given to the foreign supplier or representative in India after acceptance of above test certificates.</p>

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26.	Packing, Identification & marking [if not specified in NIT]	<p>Each box shall be marked with Capital Letters in "Red" indicating the PEM SUPPLY (Main Supply/ Commissioning Spares/ Mandatory Spares) for 3 x 800 MW PVUNL PATRATU TPP.</p> <p>NOTE: Main supply item and items for commissioning spares must be packed separately.</p> <p>Each package delivered under the Contract shall be marked by supplier and such marking must be distinct and in English language (all previous irrelevant markings being carefully obliterated). Such marking shall show the description and quantity of contents, the name and address of consignee, the Gross weight and Net weight of the package, the name of the Supplier, PEM P.O. reference number, with a distinctive number of mark sufficient for purposes of identification. Besides above necessary, packing shall bear a special marking 'TOP', 'BOTTOM', 'DO NOT TURN OVER', 'KEEP DRY', 'HANDLE WITH CARE', etc</p> <p>IMPORTANT: -</p> <ul style="list-style-type: none"> Two copies of respective standard manufacturer's erection instruction/operation instruction manual shall be kept in each package / container for immediate reference by BHEL site and same shall be reflected in packing slip also The Packing list details for the consignment must be put inside the Box/Boxes. <p>Items like pumps, Valves, Hoists, Cranes etc shall essentially have O&M Manuals and E&C guidelines duly enclosed in the packing box. Certificate to such effect shall also be reflected in packing slip.</p> <p>Mandatory spares shall be properly packed separately in separate box painted in Red, indicating Mandatory Spares in bold letters and each spare shall be properly tagged giving details i.e. item number of the equipment in line with the CUSTOMER approved BBU for Mandatory spares & Number per item (to match the description given in the packing slip) to facilitate their proper identification by PVUNL/ NTPC. One Copy of Packing list must be put inside the Box along with Manufacturing drawing no. reference, Catalogue reference etc.</p>
27.	Submission of Final Drgs/Docs alongwith O&M Manual, Type Test Certificates (if any)	As per GCC rev.06/ Technical Specification/Kick-off meeting.

	Prepared by	Checked by	Reviewed by	Vetted by	Approved by
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Designation	Sr. Engr/ PG III	DGM/ PG III	DGM/ PG III	Finance	AGM & DH/ PG III
Signature	Ganesh Garg 08/5/18				DEEPAK GUPTA