



Ref. Enquiry No.: PE/PG/PA1/E-6280/2019: Dated 05.08.19

DUE DATE

16-Aug-2019

BY 02:00 PM

Dear Ma'am/Sir,

Subject: Tender Enquiry for "DC LEAD ACID/ NI-CD BATTERIES" as per Technical Specification No. PE-TS-434-508-E001 for 3 x 800 MW PVUNL PATRATU TPP PHASE-I

BHEL invites your offers for Design, Manufacture, Inspection and testing at Manufacturer's works, proper packing and delivery to site for 3 x 800 MW PVUNL PATRATU TPP PHASE-I as specified/ defined as per tender technical specification PE-TS-434-508-E001, amendment & agreements till placement of order for DC LEAD ACID/ NI-CD BATTERIES for 3 x 800 MW PVUNL PATRATU TPP on F.O.R. site /C&F (Mumbai) basis as the case may be.

Item Description – DC LEAD ACID/ NI-CD BATTERIES		
Sl. No.	Project	TECHNICAL SPECIFICATION NO.
1	3 x 800 MW PVUNL PATRATU TPP PHASE-I	PE-TS-434-508-E001

Your best quotation/offer for the above requirement, in line with our terms and conditions, should be submitted **online via e-procurement system**. It shall be the responsibility of the bidder to ensure that the tender is submitted **on or before the due date by 02:00 PM**. Part-I bids shall be opened at **03:00 PM** on the due date.

Note: 1. Detailed tender documents have been uploaded at the following websites.

a. www.eprocure.gov.in, <https://bhel.abcprocure.com>, www.bhel.com, www.bhelpem.com

Bidders are requested to upload their best offer on <https://bhel.abcprocure.com>

2. In case you are not interested to quote, please send us the regret by mail or letter.

ENQUIRY TERMS AND CONDITIONS:

Please refer GCC Rev-06 which is available on <https://www.bhelpem.com/Current Tender.aspx>. GST related corrigendum to GCC Rev 06 is enclosed and same is to be considered along with GCC Rev 06. 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. 06)".

Gaurav Garg
Sr. Engr/PG-III, BHEL/PS-Project Engineering Management,
Power Project Engineering Institute,
Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA
(MOB.) +91-9711879415

Regd. Office
BHEL House Siri Fort
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2. Bidders shall submit their offers meeting the requirements of the following tender documents indicated in GCC Rev. 06 and other Terms and Conditions included in this Enquiry Letter:
3. Bidders to note that following form the part of tender documents:
 - a. General Conditions of Contract (GCC) Rev 06 comprising of: Instructions to Bidders and General Commercial Terms & Conditions and GST related corrigendum to GCC Rev06
 - b. Technical Specifications.
 - c. Technical PQR
 - d. Price format & Patratu SCC Rev 00.
 - e. Enquiry terms & conditions
 - f. Performance Bank Guarantee format.
 - g. NTPC Sub-Supplier Questionnaires
4. Any hidden conditions/deviations mentioned elsewhere in offer and standard pre-printed terms & conditions of the tenderers shall not be considered valid.
5. 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 of GCC Rev-06 (to be read in conjunction with GST related corrigendum to GCC Rev06) along with reasons for taking such deviations. Any deviations (Technical as well as Commercial) not mentioned in the Annexure-II shall not be considered. Bidders to note all the points mentioned in "Notes" of Annexure-II to GCC Rev.06 along with GST related corrigendum to GCC Rev06.
6. Bidder has to submit "NO DEVIATION CERTIFICATE FOR COMMERCIAL TERMS AND CONDITIONS as per General Conditions of Contracts (GCC, Rev.06), Special Conditions of Contract and Notice Inviting Tender (NIT)" in case of no deviations.
7. Unsolicited fresh/revised price bids shall not be entertained.
8. 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.
9. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be dispatched only after Purchaser's/Owner's inspection of the hold points specified in the approved Quality Plan and issue of Material Dispatch Clearance Certificate (MDCC).
10. Late tenders shall be rejected.
11. Offers should be submitted separately in two parts **online through e-procurement system only**, however, all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

Gaurav Garg, Sr. Engr, PG-III
M/s. Bharat Heavy Electricals Ltd.,
Project Engineering Management,

SANDEEP KUMAR, DGM, PG-III
M/s. Bharat Heavy Electricals Ltd.,
Project Engineering Management,

Gaurav Garg
Sr. Engr/PG-III, BHEL/PS-Project Engineering Management,
Power Project Engineering Institute,
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Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301, U.P. E-MAIL: gauravgarg@bhel.in Ph. No. +91-9711879415	Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301, U.P. E-MAIL: sandeepkr@bhel.in Ph. No. +91-120-4368942, 9810331191
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12. MSE bidders are required to declare Udyog Aadhar Memorandum (UAM).
13. Risk and Cost Purchase: - 5% overhead charges to be considered instead of 30% (presently in GCC Rev 06 clause no 26.2(b)).
14. In case of joint bidding, Bidders shall be required to furnish scope matrix which should be clearly defined between foreign bidder and their Indian representative along with the offer for the Main Supply and Erection commissioning.
15. Bidders are requested to refer following clause regarding Public Procurement (Preference to Make in India) - PPP-MII.
"For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018 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.
Vendors are requested to go through the above mentioned orders and confirm the following:"
- The local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification 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.
16. 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. Bidders are requested to get registered with RXIL (TReDS) Platform to avail the facility as per GOI guidelines.
17. Delivery Schedule: -

For Main Supply: Six (06) months from date of CAT-1 approval of primary drawings/documents, subjected to drawing/document submission/re-submission schedule as stipulated below, in case of any delay in submission/re-submission of primary drg. / doc. then same shall be reduced from the given delivery period.

Primary Drg./ doc Schedule for Vendors:

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.



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Secondary drg/ doc schedule: 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.

Delivery for Electrolyte & BHMS: Within 30 days from BHEL clearance

Mandatory Spares: - Three (03) months from the date of BHEL clearance.

For Supervision of E & C: - Vendor to depute person for all the activities within 15 days from BHEL intimation for deputing person, for delay in deputing person LD @0.5% per week of value for service portion upto 10% value of service portion.

18. Pre-Qualifying Requirements: Bidders have to provide the required details as per PRE-QUALIFICATION REQUIREMENT CRITERIA (enclosed as NIT Tender Documents) in their Techno-Commercial offer. Bids of only those bidders shall be evaluated who meet the Pre-Qualifying requirements.
19. Bidders are requested to refer Performance Bank Guarantee (PBG) format & rules and adhere to it while furnishing PBG.
20. 4 separate POs would be placed against the Enquiry as following:
 - a. Main Supply including Battery.
 - b. Electrolyte and BHMS along with E&C spares.
 - c. Supervision of E&C.
 - d. Mandatory spares
21. The nature of package is "Not Divisible" & % of minimum local content for this package shall be 74%.
22. Overall (%) variation in contract value: The variation on overall package value due to changes in the scope shall be limited to +/- 5 %. This will prevail over the quantity variation clause no.6.0 indicated in the GCC rev 06.
23. BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

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The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com)."

Link for RA guidelines to be followed as:

http://www.bhel.com/vender_registration/pdf/Guidelines%20for%20Reverse%20Auction-2016.pdf

IMPORTANT INSTRUCTION TO BIDDERS IN CASE OF REVERSE AUCTION

The Bidders has to quote the Single Price (i.e. **Total Cost to BHEL i.e. Grand total FOR site excluding GST**) in Reverse Auction. Price are to be inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, Freight charges, Insurance charges (if applicable), Cost of withdrawal (if any), including loading (if any), De-loading (if any) shall be done in line with NIT terms

24. Bidders have to quote freight charges in terms of percentage of their quoted total Ex-Works prices.
25. H1 bidder (whose quote is highest in online sealed bid) will not be allowed to participate in further RA process provided minimum three bidders are left after removal of H1 bidder.
26. CIF is available for this package.
27. Bidder to note that this is a conditional Open Tender enquiry and the price bid (Part-II) opening/RA participation shall be subject to following condition:
 - a. Techno-commercial qualification/recommendation of bidder by the BHEL-PEM
 - b. Approval of bidder by End Customer. Same 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 due date: -
 - i. Reference list indicating PO details, customer name, PO date, execution date etc.
 - ii. Performance certificate issued by the clients.
 - iii. Bidders are requested to fill up their details in NTPC format for Main & Sub – Supplier Questionnaire attached with enquiry (Sign & Stamped on each page).
28. 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

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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'

29. Corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL websites only (www.bhelpem.com., www.bhel.com & <https://bhel.abcpurchase.com>) under subject tender reference. Bidders are requested to visit our websites from time to time to keep themselves updated. Bidders may go through the Sellers' manual & Help documents provided on E-Procurement Portal website & obtain required Digital Signature Certificate for participating in the subject Tender. For Bidders' convenience, the Helpdesk Nos. of E-Procurement Portal are also listed below:

Name	Contact Nos.	e-mail ID	Role	Location
Mukunthan	+91 6353215001	Trichy.bhel@eptl.in	Support Executive	Trichy
Tej Singh	+91 6353215002	Bhopal.bhel@eptl.in	Support Executive	Bhopal
Sanjeev Kumar	+91 6353215003	Jhansi.bhel@eptl.in	Support Executive	Jhansi
Gaurav Panwar	+91 6353215004	Haridwar.bhel@eptl.in	Support Executive	Haridwar
Mallikarjun	+91 6353215005	Bengaluru.bhel@eptl.in	Support Executive	Bangalore
Avinash Govu	+91 6353215007	Hyderabad.bhel@eptl.in	Support Executive	Hyderabad
Swapnil Hamilton	+91 7940270549	swapnil.h@eptl.in	Support Executive	HO – Ahmedabad
Hardik Oza	+91 7940270560	Hardik.oza@eptl.in	Support Executive	HO – Ahmedabad
Ankur Bhatt	+91 7940270590	ankur.bhatt@eptl.in	Support Executive	HO – Ahmedabad
Prashant Rajyaguru	+91 7940270545	prashant@eptl.in	Asst. Manager – Implementation & Support	HO – Ahmedabad
Dharam Rathod	+91 7940270596	dharam@eptl.in	Manager – Implementation & Support	HO – Ahmedabad
Pradip Parmar	+91 7940270532	pradip@eptl.in	Sr Mgr – Implementation & Support	HO – Ahmedabad
Devang Patel	+91	devang@eptl.in	Sr Manager –	HO – Ahmedabad

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	7940270576		Implementation & Support	
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30. If any bidder uploads price bid in the unpriced section (techno-commercial attachment page) of the tender in e-procurement, in that case bidder(s) shall only be responsible for such mistake and any consequences thereof. Hence all bidders are requested to be more careful at the time of uploading the Unpriced and Price Bid for Part-I and Part-II respectively to avoid mismatch
31. All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.
32. Evaluation will be done on overall L1 (Total cost to BHEL i.e. FOR site) basis with necessary loading as applicable in line with clause no. 19 of GCC Rev06. **GST shall not be considered in evaluation.**
33. The offers of the bidders who are on the banned list and also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website <http://www.bhel.com>.
34. 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.
35. Foreign and indigenous bidders participating through open tender will necessarily have to buy class III DSCs issued by the certifying authorities in India for future tenders. Basic procedure /checklist has been uploaded on www.bhel.com for participating in future tender enquires through e procurement.
36. Foreign bidders quoting along with their authorised Indian associates to comply with BHEL corporate circular AA:MM:AGENCY dtd. 06/08/2010. Same is available at <https://www.bhelpem.com>.
37. Foreign Bidders will have to quote C&F-Mumbai (Cost & Ocean Freight) basis instead of FOB as per following terms & conditions:
 - a) As per Incoterms (CFR), risk transfers to buyer when the goods have been loaded on board the ship in the country of Export. Hence, shipped on board date mentioned on the clean Bill of Lading or Air way Bill, shall be treated as the date of Shipment/ Dispatch for all contractual purposes including calculation of LD.
 - b) Bill of Lading shall be considered as equivalent document (refer clause 9.7.1 b OF GCC rev-06) for recognition of dispatch.
 - c) For claiming payment under clause 9.1.1 and 9.2.1 Bill of lading shall be considered instead of receipted LR (refer clause 9.7.2 b of GCC rev-06)
 - d) Sea freight is to be quoted as inclusive in basic price by vendor and is not to be quoted separately.
 - e) Insurance for evaluation purposes shall be @ 0.1 % of quoted C&F price.
 - f) There will be no change in MRC payment.

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38. Integrity Pact document is a part of tender and shall be returned by bidders along with their techno-commercial bids, duly signed by authorized signatories. Only those vendors/ bidders who enter into Integrity Pact with BHEL would be qualified to participate in the bidding process. Details of Independent External Monitors (IEMs) are available at <http://www.bhel.com>. Bidders to note that tenure of Sh. DRS Chaudhary as IEM of BHEL has expired on 30th May 2019.
39. Bidders to note Model Conciliation Clause under BHEL Conciliation Scheme, 2018 as available at bhelpem website at Tender section - Important Instructions for Bidders.
40. Please note that for technical bid, detailed offers are to be submitted including the following along with the Price schedule as per BHEL format enclosed with NIT: -
- Acceptance of GCC Rev. 06 & its corrigendum
 - Acceptance of Special Conditions of Contract (SCC Rev 00).
 - 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.

Note: Tenderer must submit UN-PRICED Price format duly filled mentioning the word "QUOTED" in place of actual price. The actual price is to be filled in separately and submitted in sealed price bid. Wherever GCC Rev 06 is mentioned same is to be read in conjunction with GST related corrigendum to GCC Rev06

Thanking You.

For and on behalf of BHEL

Gaurav 05/8/19

Gaurav Garg
(Sr. Engr./PG-III/BHEL-PEM)

Enclosures:

1. Technical Specification No. PE-TS-434-508-E001
2. Technical PQR
3. Patratu project SCC Rev 00.
4. NTPC Sub-Supplier Questionnaires.
5. GST related corrigendum to GCC Rev 06
6. DOCUMENTS REQUIRED AFTER AWARD OF LOI- Primary, Secondary



TECHNICAL SPECIFICATION FOR 220V DC Battery

SPECIFICATION NO. PE-TS-434-508-E001
VOLUME II
SECTION I
REVISION 0 DATE: 01.06.2019
SHEET 1 OF 1

ANNEXURE-IV

DOCUMENTS REQUIRED AFTER AWARD OF LOI

S. NO	DOCUMENT TITLE	DWG. / DOCUMENT No.
1	Data Sheet for battery Primary	PE-V0-434-508-E201
2	General Arrangement Drawing for battery Primary	PE-V0-434-508-E202
3	Battery sizing calculation (Including battery catalogues, curves etc.) Primary	PE-V0-434-508-E203
4	Bill of Material for battery Primary	PE-V0-434-508-E204
5	MQP for battery Primary	PE-V0-434-508-E901
6	Field Quality Plan for battery Secondary	PE-V0-434-508-E902
7	List of E&C Spares for battery Secondary	PE-V0-434-508-E205
8	List of O&M Spares for battery Secondary	PE-V0-434-508-E206
9	List of Mandatory Spares for battery Primary	PE-V0-434-508-E207
10	O&M Manual for battery Secondary	PE-V0-434-508-E208
11	Fault calculation & Connector sizing calculation Primary	PE-V0-434-508-E209
13	Type test reports for the battery Secondary	PE-V0-434-508-E210
	Cable Termination arrangement for battery terminal Secondary	PE-V0-434-508-E211
14	Battery room layout Primary	PE-V0-434-508-E212
15	Power Circuit Diagram of BHMS Primary	PE-V0-434-508-E213
16	GA of BHMS Primary	PE-V0-434-508-E214
17	QAP of BHMS Primary	PE-V0-434-508-E215

Shall be treated as
separate item not
linked with battery
manufacturing

NOTE:
VENDOR TO SUBMIT DOCUMENT SUBMISSION / RESUBMISSION SCHEDULE (DELAY ANALYSIS) AFTER APPROVAL
OF ALL DOCUMENTS MENTIONED ABOVE.