



Ref. Enquiry No. PE/PG/MG1/E-6220/2019 dated 03.06.2019

DUE DATE
13.06.2019
BY 2:00:00 PM (IST)

CONDITIONAL TENDER ENQUIRY THROUGH E-PROCUREMENT

Dear Ma'am/Sir,

Subject: Conditional Open Tender Enquiry for ELECTRICAL LAB EQUIPMENTS (METERING & TESTING) as per Technical Specification No. PE-TS-411-556-E003 Rev. 02 for 4X270 MW BHADRADRI TPS.

BHEL invites offers from reputed bidders (Refer Pre-qualifying requirements and other requirements given in tender enquiry letter uploaded on our websites) for ELECTRICAL LAB EQUIPMENTS (METERING & TESTING) of 4X270 MW BHADRADRI TPS (as described in various sections of Technical Specification No. PE-TS-411-556-E003 Rev. 02).

Your offer shall be submitted in two parts strictly as per Clause-2.0 of the "Instructions to Bidders" of GCC, Rev. 06 online via e-Procurement System for the under mentioned equipment/system.

ITEM DESCRIPTION – ELECTRICAL LAB EQUIPMENTS (METERING & TESTING)		
Sl. No.	PROJECT	TECHNICAL SPECIFICATION NO.
1	4X270 MW BHADRADRI TPS	PE-TS-411-556-E003 Rev. 02

Your best quotation/offer for the above requirement, in line with enquiry terms and conditions, should be submitted online via e-procurement portal (<https://bhel.abcprocure.com>). Please note that you have to submit bids in two parts (Techno-Commercial Bid and Price Bid) **via e-Procurement System**.

All corrigenda, addenda, amendments, time extensions, clarifications etc., to the tender will be hosted on websites only (www.bhelpem.com, www.bhel.com, (<https://bhel.abcprocure.com>) under subject tender reference. Bidders are requested to visit our websites constantly 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 Bidder's convenience, the Helpdesk Nos. of E-Procurement service providers are also listed in the enclosure to this NIT.

It shall be the responsibility of the bidder to ensure that the tender is submitted via e-PROCUREMENT SYSTEM (<https://bhel.abcprocure.com>) on or before the due date by 2:00 P.M. Part-I bids shall be opened at 3:00 P.M on the due date through e-procurement Portal (<https://bhel.abcprocure.com>).

Important Note to be considered by All Bidders:

The offers of the bidders who are on the banned list as 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 web site www.bhel.com.

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ENQUIRY TERMS AND CONDITIONS

Please refer to GCC Rev. 06 (available on <https://www.bhelpem.com/Documents/GCC/GCC-Rev.06.pdf>) & GST related corrigendum to GCC Rev. 06 (enclosed herewith). Bidders are requested to go through the same while submitting the offer.

1. Offers should be submitted **ONLINE via e-Procurement System** separately in two parts as follows:

Part-I: **TECHNO-COMMERCIAL BID**

Part-II: **PRICE BID**

For detailed instructions, please see clause no. 2 of "Instructions to Bidders of GCC Rev. 06".

2. **Pre-Qualifying Requirements:**

Bidder has to provide the required details as per TECHNICAL PQR (enclosed as NIT Tender Documents) in its Techno-Commercial offer and has to note that bids of only those bidders shall be evaluated who meet the Technical Pre-Qualifying requirements.

3. Bidder to note that this is a Conditional Tender enquiry and the price bid (Part-II) opening shall be subjected to following conditions:

A. Approval of make of equipment by BHEL/Customer.

B. Techno-Commercial recommendation by BHEL.

C. Qualification of Technical PQR.

4. Bidder has to note that following forms the part of Tender Documents:

- General Conditions of Contract (GCC) Rev 06 & GST related corrigendum to GCC Rev. 06
- Link to GCC Rev. 06 : <https://www.bhelpem.com/Documents/GCC/GCC-Rev.06.pdf>
- **Technical Specification:** PE-TS-411-556-E003 Rev. 02
 - BOQ CUM Price Schedule & Special Conditions of Contract (SCC)
 - NIT TERMS AND CONDITIONS
 - Technical PQR

Offers are to be submitted strictly in accordance with the requirements of the above Tender Documents. All the above referred Tender Documents shall automatically become the part of the Order/Contract after its finalisation.

5. **Delivery Schedule:**

Four (04) months from the date of drawing /documents approval in CAT-1 or manufacturing clearance from BHEL, whichever is earlier. This is subject to drawing/documents submission by the Vendor within 2 weeks from the date of PO and submission of revised drawings/ documents within 7 days from date of comments after incorporating BHEL comments. In case there are delays beyond 2 weeks from PO in initial submission or 7 days from comments, then that much delay would be reduced from delivery period of 04 months. List of drawing /documents to be submitted shall be as per Cl. No. 4.0, Volume IIB, Section -I of Technical specification PE-TS-411-556-E003 Rev 02.

For Demonstration Test at site & Handing over: Engineer to be deputed by vendor at site within 15 days of BHEL intimation.

6. **Liquidated damages:**

A) For Supply portion: as per clause no. 16 of GCC Rev 06 read in conjunction with GST related corrigendum to GCC Rev 06.

B) for demonstration test and Handing over: For delay in deputation by vendor, L.D. shall be leviable @ 0.5% per week of delay or part thereof on demonstration and handing over charges subject to

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maximum of 10% of Demonstration and Handing over charges. (This LD shall be over and above LD as per GCC Rev 06).

7. Payment terms:

For Supply portion: As per clause no. 9.2 of GST related Corrigendum to GCC Rev 06.

For site demonstration test and Handing over: As per clause no. 9.2 & 9.5 of GST related Corrigendum to GCC Rev 06. Payment of Demonstration & Handing over charges shall be made after submission of final documents by the vendor.

8. Evaluation will be done on item wise on total cost to BHEL basis, excluding GST with necessary loading (as applicable).

Site demonstration & handing over charges shall be as per Annexure -I of volume IIB, section II of Technical Specification & are exclusive of GST. These Site demonstration & handing over charges will not be part of evaluation. Price of one visit and one day shall be considered for ordering for each vendor for Site demonstration & handing over in line with rates specified in technical specification.

9. CIF is not available for this package.

10. Prices shall remain firm for entire contract period. PVC shall not be applicable for this tender.

11. Overall (%) quantity variation: The variation on overall package value due to changes in the scope shall be 0%. This will prevail over the quantity variation clause no.6.0 indicated in the GCC rev 06.

12. Additional Overhead Charges shall be 5% instead of 30% as mentioned in clause No. 26.2 of GCC Rev. 06 for risk & purchase clause.

13. Bidders needs to indicate the freight charges in percentage of total Quoted Ex-works in its unpriced format.

14. The bidders (who are not registered with BHEL-PEM)- Online Registration Portal is operational in BHEL. Non-registered bidders, who wish to apply for registration with BHEL-PEM, may 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.

15. The bidder along with its associate/collaborators/sub vendor/subcontractors/sub vendors/consultants/ service providers shall strictly adhere to BHEL fraud Prevention Policy displayed on BHEL website 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. BHEL Fraud prevention policy is also uploaded in vendor's section on www.bhelpem.com.

Dheera Singh
3/6/19

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16. Foreign bidders will have to quote C&F (cost & freight) basis. For importing materials on C&F basis, bidders to note following:
- As per Incoterms (CFR), risk transfers to buyer when the goods have been boarded on the ship in the country of Export. Hence, shipped on board date mentioned on the clear Bill of Lading or Air way Bill, shall be treated as the date of Shipment/ Dispatch for all contractual purposes including calculation of LD.
 - Usance period (90 days) of the L/C shall start from the date of Bill of lading/Air Way Bill.
 - Bill of Lading shall be considered as equivalent document (refer clause 9.7.1 b of GCC rev.06) for recognition of dispatch.
 - For claiming payment under clause 9.1.1 and 9.2.1 of GCC rev.06, Bill of lading shall be considered instead of receipted LR (refer clause 9.7.2 b of GCC rev.06).
 - Freight is to be quoted as inclusive in basic price by vendor and is not to be quoted separately.
 - Insurance for evaluation purposes shall be @ 0.1 % of quoted C&F price.
 - There will be no change in MRC payment.
17. Foreign and indigenous bidders participating in subject tender will necessarily have to buy class III DSCs issued by the certifying authorities in India. Basic procedure /checklist has been uploaded on www.bhel.com for participating in subject tender enquiry through e procurement.
18. Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure, or overwriting shall be valid only if they are attested under full signature (s) under of person (s) signing the bid else bid shall be liable for rejection". Price should be mentioned in figure & words also.
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. MSE Bidder has to declare UAM number on CPPP, failing which such bidder will not be able to enjoy the benefits as per Public Procurement Policy for MSEs order 2012.
21. "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 the NIT but before finalization of contract/ PO/WO against the 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.
22. Bidders have to note that Deviations from NIT are generally not acceptable. Deviations, if any, are to be listed out clearly, as per Annexure-II, of GCC Rev 06, in techno-commercial offer. Any deviation mentioned or shown separately or found hidden in offer, will not be taken cognizance of.

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In case of deviations from NIT, the bidder shall give the cost of withdrawal of such deviation in Price Bid, as per Annexure-II, Deviation Sheet (Cost of Withdrawal) of GCC Rev-06. For multiple deviations, all deviations are to be mentioned in "Deviation Sheet" and "cost of withdrawal" must be mentioned separately against each deviation.

23. All other terms & conditions shall be as per GCC Rev-06, GST related corrigendum to GCC Rev06 & SCC Rev-04 for 4X270 MW BHADRADRI TPS and Notice Inviting Tender (NIT) conditions. Order of precedence shall be as per clause NO. 35.0 of GCC Rev. 06 (GENERAL COMMERCIAL TERMS & CONDITIONS).

24. All correspondences thereof w.r.t. subject tender shall be addressed to the undersigned by name & designation:

Shahwaz Ahmed, A.E, PG-II E-MAIL: shahwazahmed@bhel.in Ph. No. +91-120-4368714; Mob. No.:- 9650992650	Dheeraj Singh, Sr. ENGR, PG-II E-MAIL: dheerajsingh@bhel.in Ph. No. +91-120-4368864; Mob. No.:- 9540939726
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Thanking You,

For and on behalf of BHEL
Dheeraj Singh
Sr. ENGR/PGII/BHEL-PEM

Enclosures:

1. Technical Specification.
2. Technical PQR.
3. GST related corrigendum to GCC Rev. 06.
4. Annexure-II for cost of withdrawal of Deviations.
5. SCC Rev. 04.
6. BOQ CUM Price Schedule.
7. List of Helpdesk Nos. of E-Procurement service provider.

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4 X 270 MW BHADRADRI TPS
PACKAGE- ELECTRICAL LAB EQUIPMENTS (Metering and Testing)

BOQ-CUM PRICE SCHEDULE (INDIAN BIDDER)

SL. NO.	ITEM CODE	ITEM DESCRIPTION	HSN CODE	QTY.	UNITS	MAKE	MODEL NO.	UNIT EX- WORKS PRICE (Rs.)	Freight charges		TOTAL EX- WORKS PRICE (Rs.)	Applicable GST on Total Ex-works + Freight		TOTAL F.O.R SITE PRICE (INR)	TOTAL F.O.R SITE PRICE IN WORDS
									⊗ % of Total Ex- Works	Freight Amount in INR		GST rate in % on Total Ex-Works+Freight	Type of GST applicable (IGST/CGST+SGST/UTGST)		
1	556-13001-A	Analog Multi meters (AVO Meters)	9020	5	Nos										
2	556-13002-A	Portable Digital Multi meters	9030	10	Nos										
3	556-13007-A	Portable Light Intensity Meter (Lux Meter)	9027	1	No										
4	556-13009-A	Portable Multi range Capacitance meter	9030	2	Nos										
5	556-13010-A	Portable recording meters	9030	2	Nos										
6	556-13019-A	Digital Sound Level Meter	9027	1	No										
7	556-13023-A	AC Milli- Voltmeter	9030	2	Nos										
8	556-13024-A	DC Milli Voltmeter	9030	2	Nos										
9	556-13027-A	Moving Ion Ammeters (0-5A range)	9030	6	Nos										
10	556-13028-A	Moving Ion Ammeters (0-100 A range)	9030	6	Nos										
11	556-13029-A	AC Milli- Ammeter	9030	2	Nos										
12	556-13032-A	Clip on Ammeter (AC)	9030	5	Nos										
13	556-13033-A	Clip on Ammeter (DC)	9030	2	Nos										
14	556-13035-A	DC Milli Ammeter	9030	2	Nos										
15	556-13036-A	DC Moving Coil Micro-Ammeter	9030	1	No										
16	556-13037-A	DC Moving Coil Milli Ammeter	9030	1	No										
17	556-13045-A	Precision Portable Digital Frequency Meter	9030	1	No										
18	556-13047-A	Mega Ohmmeter 10 KV	9030	1	No										
19	556-13050-A	Digital Tachometer (Non-Contact Type)(Photoelectric optical)	9029	2	Nos										
20	556-13051-A	Digital Time Counter	9106	2	Nos										
21	556-13053-A	Portable cable core Identification Kit	9030	2	Nos										
22	556-13054-A	Earth Resistance Tester	9030	2	Nos										
23	556-13058-A	Phase Sequence Indicator	9030	5	Nos										
24	556-13059-A	Relay Repair Tool Kit	8206	3	Nos										
25	556-13070-A	Battery operated Insulation Tester (Megger)	9030	4	Nos										
26	556-13071-A	LV Insulation Tester(Megger) 500V	9030	10	Nos										
27	556-13072-A	LV Insulation Tester(Megger) 1000V	9030	5	Nos										
28	556-13073-A	Insulation Tester (Megger) 2.5 KV	9030	1	No										
29	556-13074-A	Insulation Tester(Megger) 5 KV	9030	2	Nos										
30	556-13090-A	Digital Ducter Ohmmeter	9030	1	No										

NOTE :-

- EQUIPMENT TO BE SUPPLIED ALONG WITH ESSENTIAL ACCESSORIES FOR SUCCESSFUL OPERATION OF EQUIPMENT AT SITE .i.e. CLAMPS, CLIPS,LEADS, CARRYING CASE etc.
- ALL EQUIPMENTS SHALL BE SUPPLIED WITH VALID CALIBRATION CERTIFICATE, WHEREVER APPLICABLE.
- ALL EQUIPMENT SHALL BE PROPERLY PACKED IN GALVANIZED SHEET STEEL TRUNK/ BOX WITH PROPER LOCK & KEY ARRANGEMENT EXCEPT FOR EQUIPMENT WHICH ARE TROLLEY MOUNTED OR ARE ALREADY AVAILABLE IN RUGGED STEEL/WOODEN BOX PACKING. FURTHER, ANY DAMAGE (LOADING ERROR/CALIBRATION ERROR/BROKEN PARTS/MISSING PARTS ETC) FOUND ON RECEIPT AT SITE, LEADING TO REPLACEMENT OF PARTS/WHOLE ITEM, SHALL BE TO BIDDER'S ACCOUNT.
- In case of discrepancy in GST rate corresponding to HSN code and quoted GST, the evaluation shall be done on quoted price and correct GST rate shall be considered for ordering (limited to quoted FOR Site price)
- Unless the contract requires otherwise, in all tenders and tender related documents any reference to rates such as ED, CST/VAT/ Service Tax etc. shall refer to GST as implemented by GCI w.e.f. 1.07.2017
- In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not attributable to BHEL, tax amount shall be recoverable from the vendor/contractor along with interest (as per BHEL).
- All taxes and duties other than CGST/SGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and duties shall be payable by Purchaser.

4 X 270 MW BHADRADRI TPS
 PACKAGE- ELECTRICAL LAB EQUIPMENTS (Metering and Testing)

BOQ-CUM PRICE SCHEDULE (Foreign Bidder)

SL NO.	ITEM CODE	ITEM DESCRIPTION	HSN CODE	QTY.	UNITS	MAKE	MODEL NO.	Total C&F Price (Duly packed) (Currency....., Indian Port ; Chennai) In figures	Total C&F Price (Duly packed) (Currency....., Indian Port ; Chennai) In words
1	556-13001-A	Analog Multi meters (AVO Meters)	9030	5	Nos				
2	556-13002-A	Portable Digital Multi meters	9030	10	Nos				
3	556-13007-A	Portable Light Intensity Meter (Lux Meter)	9027	1	No				
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12	556-13032-A	Clip on Ammeter (AC)	9030	5	Nos				
13	556-13033-A	Clip on Ammeter (DC)	9030	2	Nos				
14	556-13035-A	DC Milli Ammeter	9030	2	Nos				
15	556-13036-A	DC Moving Coil Micro-Ammeter	9030	1	No				
16	556-13037-A	DC Moving Coil Milli Ammeter	9030	1	No				
17	556-13044-A	Precision Portable Digital Frequency Meter	9030	1	No				
18	556-13047-A	Mega Ohmmeter 10 KV	9030	1	No				
19	556-13050-A	Digital Tachometer (Non-Contact type)(Photoelectric optical)	9029	2	Nos				
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27	556-13072-A	LV Insulation Tester(Megger) 1000V	9030	5	Nos				
28	556-13073-A	Insulation Tester (Megger) 2.5 KV	9030	1	No				
29	556-13074-A	Insulation Tester(Megger) 5 KV	9030	2	Nos				
30	556-13090-A	Digital Ducter Ohmmeter	9030	1	No				

NOTE :-

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- 2) ALL EQUIPMENTS SHALL BE SUPPLIED WITH VALID CALIBRATION CERTIFICATE, WHEREVER APPLICABLE.
- 3) ALL EQUIPMENT SHALL BE PROPERLY PACKED IN GALVANIZED SHEET STEEL TRUNK/ BOX WITH PROPER LOCK & KEY ARRANGEMENT EXCEPT FOR EQUIPMENT WHICH ARE TROLLEY MOUNTED OR ARE ALREADY AVAILABLE IN RUGGED STEEL/WOODEN BOX PACKING. FURTHER, ANY DAMAGE (READING ERROR/CALIBRATION ERROR/BROKEN PARTS/MISSING PARTS ETC) FOUND ON RECEIPT AT SITE, LEADING TO REPLACEMENT OF PARTS/WHOLE ITEM, SHALL BE TO BIDDER'S ACCOUNT.