

Ref. Enquiry No.: PE/PG/BHU/E-6528/2020, Dated 28.09.2020

DUE DATE
08 OCT 2020
BY 02:00 PM

Dear Sir/ Ma'am

Subject: Open tender Enquiry for "Rotameter" for 1 X 660 MW BHUSAWAL TPP as per Technical Specification No. PE-TS-415-145-I105.

BHEL invites your offers for Design, Manufacture, Inspection and testing at manufacturer's works, proper packing for transportation and delivery to site of the Rotameter along with Accessories, Start-up / Commissioning Spares & Mandatory spares as mentioned in different sections of this specification No. PE-TS-415-145-I105 for 1 X 660 MW BHUSAWAL TPP project.

Your offer shall be submitted in two parts strictly as per Clause-2.0 of the "Instructions to Bidders" of GCC Rev. 07, in sealed cover for the below mentioned equipment/system.

Item Description – ROTAMETER			
Sl. No.	Project	TECHNICAL SPECIFICATIONS	Delivery completion schedule
1	1 X 660 MW BHUSAWAL	PE-TS-415-145-I105	As per annexure-V of NIT

Your best quotation/offer for the above requirement, in line with tender 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 (techno-commercial) bids shall be opened at **03:00 PM** on the due date.

Note: 1. Detailed tender documents have been uploaded on following websites: -

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

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

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

ENQUIRY TERMS AND CONDITIONS:

1. Offers should be submitted/uploaded separately in two parts **online through e-procurement system** as follows:

Part-I: TECHNO-COMMERCIAL BID

Part-II: PRICE BID

For detailed instructions, please refer GCC Rev 07- Instructions to Bidders.

2. Bidders shall submit their offers meeting the requirements of the following tender documents indicated in BHEL PEM GCC Rev- 07 and other Terms and Conditions included in this Enquiry Letter. Weblink of GCC Rev 07 shall be as below, **bidders may download the GCC Rev 07 from the given weblink and go through the same before quoting: -**

<https://www.bhelpem.com/Documents/GCC/GCCRev07.pdf>

3. Bidders to note that following form the part of tender documents:
- General Conditions of Contract (GCC) Rev 07 comprising of: Instructions to Bidders and General Commercial Terms & Conditions
 - Technical Specification
 - Technical PQR
 - Special Conditions of Contract (SCC Rev 01)
 - Enquiry terms & conditions (NIT)
 - Annexures I –V
4. Any hidden conditions/deviations mentioned elsewhere in offer and standard pre-printed terms & conditions of the tenderers shall not be considered valid.

Ref. Enquiry No.: PE/PG/BHU/E-6528/2020, Dated 28.09.2020

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-07 along with reasons for taking such deviations in the bidding format in E-Procurement portal. 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 of GCC Rev.07.
6. 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.
7. If any bidder has mentioned the term "Not Applicable" / "not required" / "not quoted" in BHEL price format, the same to be substantiated by the bidder. If such item is required to be supplied for system completion in future, same will be supplied free of cost by the successful bidder.
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. Offers should be submitted separately in two parts **online through e-procurement system only**, however, all correspondence thereof, shall be addressed to the following persons and sent at the following address:

KUNDAN PRASAD, Dy. Engr, PG-III M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301, U.P., INDIA E-MAIL: kundanprasad@bhel.in Ph. No. +91-120-4368757; Mob: +919711832322	SHRI PRAKASH YADAV, Mgr, PG-III M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301, U.P., INDIA E-MAIL: spyadav@bhel.in Ph. No. +91-120-4213621, Mob: +919911775641
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11. Evaluation will be done on L1 (Total cost to BHEL excluding GST) basis. Incomplete offer or part offer of NIT BOM/BOQ shall be summarily rejected.
12. **MODE OF EVALUATION FOR FINALISATION OF PRICES (PRICE BID): -**
BHEL shall be finalizing this tender with price bid opening and will not be conducting RA. Vendor to quote suitably."

"Vendors to note that above RA clause will supersede clause no 13 of "Instruction to Bidders" of GCC Rev 07"

13. **Govt. of India's Public Procurement Policy – Preference to Make in India Clause:** - "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 dated 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".
 - The local supplier at the time of tender, bidding, solicitation, shall be required to provide self-certification that as per the offered item, they meet the requirements of Class I local supplier/ Class II local Supplier/ Non Local supplier as per the provisions of PPP-MII Order of Govt of India and relevant circulars issued by nodal ministry w.r.t. above mentioned orders and shall give details of location(s) at which the local value addition is made as per enclosed **annexure –IV to NIT** / revised formats which may be asked later.
 - Subject package is **not divisible** in nature.

14. Bidder to note that this is a conditional Open Tender enquiry and the price bid (Part-II) opening shall be subject to following condition: -

Shri Prakash Yadav/Mgr/PGIII
PS-Project Engineering Management,
Power Project Engineering Institute,
Plot no. 25, Sector – 16A, Noida (UP) 201301, INDIA
(OFF) +91-120-4213621, (MOB.) +91 9911775641

Regd. Office
BHEL House Siri Fort
New Delhi-110049

Ref. Enquiry No.: PE/PG/BHU/E-6528/2020, Dated 28.09.2020

- A) Meeting of Technical PQR
 - B) Techno-commercial qualification/recommendation of bidder by the BHEL-PEM.
 - C) Customer (MAHAGENCO) approval. Same shall be taken up by BHEL-PEM with customer based on the credentials/reference list/experience list. Bidders to submit the credentials as per MAHAGENCO Performa of Vendor Approval.
15. Compliance of model clauses as provided in Annexure-III of Ministry of Finance Order (Public Procurement No. 1), F.no.6/18/2019-PPD issued on 23.07.2020 (Restrictions under Rule 144 (xi) of the GFR,2017) shall be applicable for subject tender. Model Certificates provided in same Annexure-III shall also be complied. Further, relevant clause of order no. 25-11/6/2018-PG dated 02.07.20 issued by MoP shall also be complied.
 16. **Delivery Completion schedule:** As per Annexure –V of NIT
 17. CIF is not available for this package.
 18. Bidders have to quote freight charges in percentage of their quoted Total Ex-works prices.
 19. 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 organization contact number and E-mail Id etc. In case the same is found not available, BHEL has the right to reject such document from evaluation.
 20. GeMAR id is GEM/GARPTS/15092020/A0NA02HG5J9L.
 21. For 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, can 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 may be uploaded on the website and submit the application for registration.
 22. All 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	AM-Implementation & Support	HO– Ahmedabad
Dharam Rathod	+91 7940270596	dharam@eptl.in	Mgr – Implementation & Support	HO– Ahmedabad
Pradip Parmar	+91 7940270532	pradip@eptl.in	SM – Implementation & Support	HO– Ahmedabad

Ref. Enquiry No.: PE/PG/BHU/E-6528/2020, Dated 28.09.2020

Devang Patel	+91 7940270576	devang@eptl.in	SM – Implementation & Support	HO- Ahmedabad
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23. 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.
24. Bidders to note that "This item /package/system falls under the list of items defined in para 3 of ministry of finance guideline date 20.09.16 (procurement of items related to public safety, health, critical security operations and Equipments etc.) & hence criteria of prior experience /turnover shall be same for all bidders including start-up /MSME".
25. Overall (%) quantity variation on overall package value due to changes in the scope shall be +/-5% which will prevail over the clause no. 6.0 indicated in the GCC rev 07.
26. All other terms and conditions of SCC (Rev 01) of project, NIT & GCC (Rev 07) shall be applicable for the subject package.
27. 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 (**Annexure –I**) to take up the inspection REMOTELY.
28. Detailed offers are to be uploaded including the following along with the Price schedule as per BHEL format enclosed with NIT: -
- Acceptance of BHEL-PEM GCC Rev-07
 - Acceptance of Special Conditions of Contract (SCC Rev 01) for the project.
 - Technical & Commercial Deviations, if any along with Cost of withdrawal in bidding form
 - Along with your offer, please submit a copy of this letter duly signed & stamped on each page as token of acceptance of terms & instructions conveyed.
 - Un-Priced price format duly filled in 'Quoted' or 'Q' in each column/row in bidding form
 - Filled Format of Certification reg. Local content (annexure –IV)

All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.

Thanking You

Yours faithfully,
For and on behalf of BHEL-PEM

Shri Prakash Yadav
(Mgr./PG-III/BHEL-PEM)

Enclosures:

1. Technical Specification No. PE-TS-415-145-I105
2. Technical PQR
3. SCC Rev 01
4. Annexure –I Guidelines for remote inspection
5. BOQ - Annexure –II
6. Instructions to Packing List (annexure –III)
7. Format of Certification Reg. Local content (annexure –IV)
8. Annexure- V (Delivery Completion schedule)
9. Performa for End customer approval.

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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.

Annexure-II

				
NAME OF PROJECT: 1 X 660 MW BHUSAWAL, UNIT-6 T.P.S				
NAME OF PACKAGE: ROTAMETER -MAIN SUPPLY				
ENQUIRY NO: PE/PG/BHU/E-6528/2020, Dated 28.09.2020				
BOQ CUM PRICE SCHEDULE				
Sr No.	Service Description	Pipe size	HSN CODE	Quantity/ Unit
1	CT M/U PUMP DISCHARGE HDR	500 NB	90261010	1
2	POTABLE WATER PUMPS (COLONY) DISCHARGE HDR	80 NB	90261010	1
3	POTABLE WATER PUMPS (PLANT) DISCHARGE HDR	80 NB	90261010	1
4	APH/ESP WASH PUMPS DISCHARGE HDR	250 NB	90261010	1
5	SERVICE WATER PUMPS DISCHARGE HDR	150 NB	90261010	1
6	FGD PUMPS DISCHARGE HDR	200 NB	90261010	1
7	SCR PUMPS DISCHARGE HDR	150 NB	90261010	1

ROTAMETER -MANDATORY SPARES			
Sr. No.	Description	HSN CODE	Quantity
1	10 % of each type of total nos. used in the system or minimum 2 nos. of each type, model & range whichever is more	90261010	1 set (10 % of each type of total nos. used in the system or minimum 2 nos. of each type, model & range whichever is more)
NOTE :			
	1. Wherever quantity has been specified as percentage (%), the quantity of mandatory spares to be provided by contractor shall be the specified percentage (%) of the total population of the plant. In case the quantity so calculated happens to be a fraction, the same shall be rounded off to next higher whole number.		
	2. Wherever the quantities have been indicated for each type, size, thickness, material, radius, range etc., these shall cover all the items supplied and installed and the breakup for these shall be furnished in the bid. In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list.		

INSTRUCTIONS TO PACKING LIST (ENQUIRY No.- PE/PG/BHU/E-6528/2020 DTD. 28.09.2020)

For faster verification of bills, successful bidder to submit detailed Bill of Material (BOM) at the time of drawings/ documents submission after placement of PO. Each item of the BOM to be uniquely identified with item code no. or item Sl. No.. Supplier to ensure that all items which will find separate mention in the packing list are covered in this detailed BOM.

Supplier to also give the following undertaking in the BOM:

“The BOM provided herewith completes the scope (in content and intent) of material supply under PO No. Dated Any additional material which may become necessary for the intended application of the supplied items/package will be supplied free of cost in most reasonable time.

Packing List must indicate:

- a) Packing size
- b) Gross weight and net weight of each package
- c) Contents of the package with cross reference to BOM item code no. / Sl. No.
- d) Quantity of each items separately.

The packing list must cover all the BOM items.

Supplier to give following undertaking in the packing list: The Packing list provided herewith is as per BOM approved under PO No. ----

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.

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)

authorized signatory
of company

1 x 660 TPS MW BHUSAWAL TPP

ANNEXURE - V TO ENQUIRY NO: PE/PG/BHU/E-6528/2020, Dated 28.09.2020 DELIVERY SCHEDULE (Rotameter)

Sl. No.	Package Code	Package name	Deptt.	BHEL Drawing No	Drawing Title	Primary/Secondary	BHEL Inputs	Drg Sch for Vendors	Standard Delivery Terms for Supply Portion	Scope of Services, (if any, as per Indent) and corresponding schedule for rendering the services
1	145-34000-A	ROTAMETER	C&I	PE-V0-415-145-I847	DATA SHEET, CALCULATION, BOQ/BOM & GA DRAWING for Rotameters	Primary		R-0 within 14 days from PO & subsequent revisions incorporating all the BHEL comments within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.	For Main Supply: Within Four (04) months from date of CAT-1 approval of Primary drawing/documents, subjected to drawing/document submission/re-submission schedule as stipulated, 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.	
				PE-V0-415-145-I848	QAP for Rotameters	Primary				
				PE-V0-415-145-I849	O&M MANUAL for Rotameters	Secondary		within 30 days of issuance of MDCC	For Mandatory Spare: Within four (04) months from the date of BHEL manufacturing clearance. Separate dispatch/ manufacturing clearance will be issued for mandatory spares.	

Notes

- 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 execution of the package
- d. Wherever schedule of drawings/documents submission / re-submission is stipulated in the Technical Specifications, same shall be superseded by delivery specified in NIT.