



Ref. Enquiry No.: PE/PG/WAN/E-5156/15 Dated: 12/01/2016

DUE DATE
03.02.2016
BY 02:00 P.M.

Subject: Tender Enquiry of **MISC PUMP (HORIZONTAL)** as per Technical Specification No. PE-TS-408-100-N001 (Rev 0) for 1X800 MW GSECL Wanakbori TPP, Unit-8.

BHEL invites offers from reputed Vendors (refer prequalification requirement and other requirements given in enquiry letter uploaded on our websites) for design, manufacture, assembly, inspection, testing, properly packed for transportation and delivery of Misc. pumps including motors (as applicable), special tools/tackles, commissioning spares, installation checks and replacement of gland packing with mechanical seal arrangement (if applicable) and PG Test at site, all accessories, auxiliaries etc and mandatory spares as specified in Technical specification No: PE-TS-408-100-N001 (Rev-0) for **MISC PUMP (HORIZONTAL)** including all taxes & duties for **1X800 MW GSECL Wanakbori TPP, Unit-8**. Detailed scope of work and equipment details shall be as per technical specification and other details hosted on BHEL / BHEL-PEM websites.

Sl. No.	Description	Quantity	Delivery required
1	MISC PUMP (HORIZONTAL)	AS PER BOQ	As per CI no 10 below

Your offer should be submitted in two parts strictly as per Clause-2.0 of the “**Instructions to Bidders**” of GCC Rev 06 in quintuplicate (05 Sets), in sealed covers for the under mentioned equipment/system.

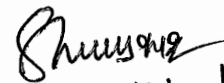
Your best quotation/offer for the above requirement, in line with our terms and conditions, should either be delivered in person or sent by **COURIER/REGISTERED POST**, to the following address only:

**Tender Box, Tender Room, Ground Floor, PPEI Building
(Behind Reception Desk)
C/o Shri Prakash Yadav/Sr. Engr. or Gaurav Jain/Dy. MGR,
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRDI & ESI Complex
Plot No.25, Sector- 16A, NOIDA-201301, U.P., INDIA,
Email:-spyadav@bhhelpem.co.in, gjain@bhhelpem.co.in;
Ph No.:- 0120-4213621; 0120-4368835**

It shall be the responsibility of the bidder to ensure that the tender is delivered on or before the due date by 02:00 PM. The offer has to be deposited in tender box only. Part-I bids shall be opened at 03:00 PM. on the due date in the presence of authorized representatives of the bidders, who may like to be present.

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.


12/01/2016
श्रीप्रकाश यादव / SHRI PRAKASH YADAV
वरिष्ठ अभियंता (पी.जी.पी.) / Sr. Engineer (PG-I)
भारत हेवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
पावर सेक्टर - परियोजना इंजीनियरिंग प्रबंधन
Power Sector - Project Engineering Management
पी.पी.ई.आई. बिल्डिंग, एच.आर.डी. एवं ई.ए.आई. कॉम्प्लेक्स,
PPEI Building, HRD & ESI Complex,
प्लॉट नं.-25, सेक्टर-16ए, नोएडा-201 301
Plot No. 25, Sector-16A, Noida-201 301



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TERMS AND CONDITIONS: - Please refer GCC Rev-06 which is available on www.bhelpem.com. Bidders are requested to kindly download the same. Bidders are advised to go through the same while submitting the offers.

1. Enquiry No., due date etc. must be legibly superscribed on the sealed envelopes as per clause no. 2.0 of "Instructions to Bidders" of GCC Rev 06.
2. Offers should be submitted in two parts in two separate sealed covers as follows:
 - **Part-I: Techno-Commercial Bid:** Comprising of Technical Offer, Annexure-I of GCC Rev06, Commercial terms and conditions, Unpriced copy of price bid, Unpriced copy of cost of withdrawal as per Annexure-II of GCC Rev06, PQR documents (in two sets), ANNEXURE-III of GCC Rev. 06 and Agreed terms & conditions i.e. compliance to NIT, GCC Rev-06 and SCC Rev. 01 of the project.
 - **Part-II: Price Bid:** Containing prices, price cost of withdrawal of deviation as per Annexure-II (if applicable), to be submitted in original, strictly, as per price schedule of BHEL for complete scope of Tender enquiry.
3. Tenders shall be submitted strictly in accordance with the requirements of the above tender documents. Deviations (Technical as well as Commercial) from NIT are generally not acceptable, if any, Technical deviations and Commercial deviations shall be **furnished in "Cost of Withdrawal sheet" (as per Annexure-II of GCC Rev. 06) only** under the headings "TECHNICAL DEVIATIONS" and "COMMERCIAL DEVIATIONS" respectively, along with reasons for taking such deviations.
4. Standard pre-printed terms & conditions of the tenderers shall not be considered valid.
5. Unsolicited fresh/revised Price Bids shall not be entertained.
6. 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.
7. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be despatched only after Purchaser's/Owner's inspection at the hold points specified in the approved Quality Plan and issue of Material Despatch Clearance Certificate (MDCC).
8. All correspondence thereof shall be addressed to the undersigned by name & designation and sent at the following address:

Mr. SHRI PRAKASH YADAV Sr. Engineer/PG1-1 M/s Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301 E-MAIL: sp Yadav@bhelpem.co.in Ph. No. 0120-4213621	Mr. GAURAV JAIN Dy. Manager/PG1-1 M/s Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301 E-MAIL: gjain@bhelpem.co.in Ph. No. 0120-4368835
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9. Instructions regarding centralised TENDER ROOM formed behind reception desk of PEM office:-

SHRI PRAKASH YADAV
Sr. ENGINEER/PG-1-1,
BHEL/PS-PEM
POWER PROJECT ENGINEERING INSTITUTE,
PLOT NO. 25, SECTOR - 16A, NOIDA (UP)
(OFF) 0120-4213621

SHRI PRAKASH YADAV / Sr. Engineer (PG-1)
Power Project Engineering Institute / Bharat Heavy Electricals Ltd.
Power Sector - Project Engineering Management
Head Office, एच.आर.डी. ए.सी. कॉम्प्लेक्स,
BHEL House Building, HRD & ESI Complex,
Siri Fort, Plot No. 25, Sector-16A, Noida-201301
New Delhi-110049

Shri Prakash Yadav
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- Bidders best quotation/offer containing Part-I & II offers in separate covers, preferably cloth lined envelopes, properly marked enquiry No., due date and time, should either be delivered in person or sent by courier / Registered post to the address indicated at first page.
- The dispatch department shall not accept any tender in torn condition and return the same to the courier immediately with the Stamping "Returned to Sender-Package Damaged". Offers in damaged condition will not be considered and no request for extension on this account will be considered.
- Bidder's representative shall deposit the offer in tender box only.
- Bidders shall be allowed in the tender room in area identified for bidders and only one authorized representative from each bidder shall be allowed.
- Bidder shall not be allowed to carry mobile/camera/ laptop in the tender room. The same shall have to be deposited at security in advance and taken back after tender opening.
- Details of offers shall be read out to bidders and in no case the offers shall be handed over to any of the bidders for noting down.
- Please ensure tender submission, minimum 1 hour before scheduled tender opening time. Late tenders shall not be accepted.

10. Delivery Schedule:

For Supply (along with commissioning spares) Six (06) months from the date of drawing/docs approval in CAT-1 issued by BHEL/ Customer. The drawings/Documents submission schedule shall be as per Annexure – II of NIT.

For Mandatory Spares:-

"Delivery shall be '30 September 2017" or 04 months from the date of manufacturing clearance, whichever is later. Separate dispatch/ manufacturing clearance will be issued for mandatory spares as per SCC.

11. Scope of services at Site:

- Installation checks and replacement of gland packing with mechanical seal (if applicable) after commissioning of the pump at site.
- For PG TEST: - PG TEST of pump to be done at site.

12. The bidder shall include complete supplies for the Project/Group as above in his scope as per NIT. Part Supplies offered for the Project/Group shall disqualify the bidder's offer for that Project/ Group.

Details of scope of enquiry shall be as per Sec A Vol. IIB of Technical Specifications of Misc. Pumps.

13. To expedite the technical evaluation, BHEL have specified in the specification for submission of brief offers with only the following technical details by the bidders:

- Compliance certificate.

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श्री. प्रकाश यादव / SHRI PRAKASH YADAV
श्री. अभियंता (पी.जी. 1)/Sr. Engineer (PG-I)
भारत भारी भारी विद्युत निगम / Bharat Heavy Electricals Ltd.
शक्ति क्षेत्र - परियोजना प्रबंधन प्रबंधन
Power Sector - Project Engineering Management
श्री. प्रकाश यादव, एच.आर.डी. एच.ए.ए. कॉम्प्लेक्स,
BHEL House Building, HRD & ESI Complex,
सि.पी.ए. - 25, सेक्टर - 16A, नोडा - 201 301
Plot No. 25, Sector - 16A, Noida - 201 301
New Delhi-110049

Shri Prakash Yadav
21/01/16



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- (b) Schedule of performance guarantees.
- (c) GA & cross sectional drg (along with details of weights, crane capacities and clearances required for installation and maintenance and Foundation plan – These are only for reference).
- (d) Technical Deviation schedule
- (e) HT motors inputs as per the requirements specified in the specification.

14. Payment terms shall be as per GCC (Rev 06).

15. Pre-Qualifying Requirement:

Bidders who fulfil TECHNICAL & FINANCIAL PRE-QUALIFICATION REQUIREMENT CRITERIA are eligible to participate in this tender.

Bidders are requested to provide the details as per “TECHNICAL & FINANCIAL PRE-QUALIFICATION REQUIREMENT”. Bids of only those bidders shall be evaluated who meet the Technical as well as Financial Pre-Qualifying requirements.

16. CIF is available for this package. Bidders to quote accordingly.

17. Evaluation shall be done on lump-sum basis on overall L1 basis (Total cost to BHEL) including applicable loading (if any).

18. Reverse Auction: - Bidders to quote their best competitive prices. BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance 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.

In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit online sealed bid in the Reverse Auction. Non-submission of online sealed bid by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.

Terms & conditions of Reverse Auction are enclosed.

19. MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (Five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of CA certificate (Format enclosed at Annexure-I where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted Officer.

Shri Prakash Yadav
12/01/16

SHRI PRAKASH YADAV
Sr. ENGINEER/PG-I-1,
BHEL/PS-PEM
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श्री प्रकाश यादव / SHRI PRAKASH YADAV
सि. इंजीनियर (पी.जी. 1) / Sr. Engineer (PG-I)
भारत हेवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
प्रायतः सेक्टर - परियोजना इंजीनियरिंग प्रबंधन
Regd. Office Sector - Project Engineering Management
BHEL House, बिल्डिंग, एच.आर. & ई.एस. कॉम्प्लेक्स, सिरी फोर्ट,
Siri Fort PPEI Building, HRD & ES Complex,
प्लॉट नं. 25, सेक्टर - 16A, नोडा-201 301
New Delhi-1100425, Sector-16A, Noida-201 301



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20. Foreign and indigenous bidders participating through open tender will necessarily have to buy class III DSCs issued by the certifying authorities in India. Basic procedure /checklist shall be uploading on www.bhel.com" for participating in future tender enquires through e procurement.

21. "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."

BHEL Fraud prevention policy is also uploaded in vendor's section on www.bhelpem.com.

22. During price evaluation in case of foreign currency bids, exchange rate (TT selling rate of State Bank of India) as on date of tender opening (Part-I bid in case of two part bid) shall be considered. If the relevant day happens to be a bank holiday, then the forex rate as on the previous bank (SBI) working day shall be taken.

23. **Foreign Suppliers & Indian agents of foreign suppliers:** Pease refer our website <http://www.bhelpem.com/Tenders.aspx> for details.

24. Bidder to note that this is a conditional Open Tender enquiry and the price bid (Part-II) opening/ RA participation shall be subjected to following criterion:

a) **Techno-commercial qualification / recommendation of bidder by the BHEL-PEM.**

b) **Approval of bidder by customer (GSECL)**

Approval shall be taken up by BHEL with customer based on the credentials / reference list. Hence, bidders are requested to submit the following (a part of their credentials) on or before Part-1 opening / due date:-

(i) Company Profile

(ii) List of projects executed/ on hand for power sectors / Govt. organizations for the subject package.

(iii) Performance Certificates for satisfactory working of the system /equipment.

(iv) Copies of major supply order executed by the vendor.

Note: - Non-registered Vendors who wish to apply for registration in BHEL-PEM 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. Online Supplier Registration Link is (<http://www.bhelpem.com/Vendor%20Corner.aspx>)

25. If any bidder has mentioned the term **Not Applicable / Not required / Not Quoted** in BHEL price format. The bidder needs to substantiate the same. If the same item will be required in future for the system same will be supplied free of cost.

26. Any other taxes & Duties applicable on the date of bid but not quoted by the bidders shall be to bidder account.

Shri Prakash Yadav
12/01/16

SHRI PRAKASH YADAV
Sr. ENGINEER/PG-I-1,
BHEL/PS-PEM
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श्री प्रकाश यादव / SHRI PRAKASH YADAV
Sr. Engineer (PG-I)
BHEL House, Power Sector - Project Engineering Management
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New Delhi-110049-25, Sector-16A, Noida-201301
Plot No. 25, Sector-16A, Noida-201301



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27. Indian Bidders have to quote freight charges in percentage of their quoted Total Ex-works prices.
28. Foreign bidders will have to quote C & F (cost & freight) basis instead of FOB.
29. All the tender documents shall automatically become a part of the Order/Contract after its finalization.
30. All the terms & condition shall be applicable as per SCC (Rev. 1) of Project, NIT, GCC-Rev-06 & technical specification no. PE-TS-408-100-N001 (Rev-0)
31. All corrigenda, addenda, amendments, time extensions, clarifications, etc to the tender will be hosted on BHEL website (www.bhel.com) & BHEL-PEM website (www.bhelpem.com). Bidders should regularly visit websites to keep themselves updated.
32. Details offers are to be submitted included the following along with the Price schedule as per BHEL format enclosed with NIT:-

- Acceptance of GCC Rev-06.
- Acceptance of Special Conditions of Contract (SCC) of the project.
- Pre-qualifying Requirement (PQRs) - TECHNICAL & FINANCIAL PQR (02 CD & 02 Hard copy each)
- Technical Deviations and commercial deviations as per annexure-II of GCC Rev06,if any.
- 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.
- Separate sealed price-bid envelope mentioning name of the project/package in BOLD LETTER on the top of each envelope.

NOTE: - Please note all correspondence from BHEL-PEM before part – I opening, shall also be part of NIT.

Thanking you,

Yours faithfully,
For and on behalf of BHEL

SHRI PRAKASH YADAV
(Sr.ENGINEER/Project Group-1-1)

Enclosure:

1. Enquiry Letter (along with annexure-II FOR Drgs./ docs submission schedule) Terms & Conditions (this letter) & Reverse Auction Terms & Conditions.
2. Technical Specifications: - No. PE-TS-408-100-N001 (Rev-0)
3. Technical PQR & Financial PQR
4. Price Format/ schedule (Prices should be quoted strictly in this format only) for Indian & Foreign bidders separately along with mandatory spares & CIF.
5. SCC-Rev01 of 1X800 MW Wanakbori TPP, unit No.8
6. Annexure-I : Applicable for MSE suppliers (Refer Sl. No. 19 as per above)

Chauhan
12/01/16

SHRI PRAKASH YADAV
Sr. ENGINEER/PG-I-1,
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श्री प्रकाश यादव / SHRI PRAKASH YADAV
ज्येष्ठ अभियंता (पी.जी.ए.) / Sr. Engineer (PG-I)
बलुआ नदी परियोजना निदेशक / Bharat Heavy Electricals Ltd.
पावर सेक्टर-परियोजना इंजीनियरिंग प्रबंधन
Power Sector-Project Engineering Management
Regd. Office: दिल्ली, एच.आर. ई. एवं ई. स्टा.आई. कॉम्प्लेक्स,
BHEL House: पी.ए. बिल्डिंग, एच.ए.ई. कॉम्प्लेक्स,
Siri Fort: प्लॉट नं.-25, सेक्टर-16ए, नोएडा-201 301
New Delhi-110049

The drawings to be submitted by bidder in the event of order shall be:

PACKAGE: MISC PUMP (HORIZONTAL)

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BHEL DRG NO	DRG TITLE	Drg Sch for Vendors	Delivery Sch for Vendors from Cat-I approval of last Primary Document	Remarks
Primary Documents - affecting Manufacturing/ Delivery Directly				
PE-V6-408-100-N001	TDS AND PERFORMANCE CURVES- MISC. PUMPS	R-0 within 20 days from LOI/PO & subsequent revisions within 10 days of comments received from BHEL.	Six (06) months from the date of drawing/docs approval in CAT – 1 issued by BHEL/ Customer.	Pump Cross Section drawing in case of HT motor driven pump, preliminary(R-0) within 20 days from LOI/PO & final a/w Pump GA within 10 days of receipt of motor GA from BHEL.
PE-V6-408-100-N002	GENERAL ARRANGEMENT AND CROSS SECTIONAL- PUMPS			
PE-V6-408-100-N003	TDS AND CURVES OF MOTORS FOR MISC. PUMPS			
PE-V6-408-100-N004	QP-MISC PUMPS			
Secondary Documents - NOT affecting Manufacturing/ Delivery Directly				
PE-V6-408-100-N005	QP- MOTORS	R-0 within 20 days of Cat-I approval on motor data sheet.	-----	
PE-V6-408-100-N006	MOTOR TYPE TEST DOC (if applicable)		-----	
PE-V6-408-100-N007	O& M MANUAL -HOR. PUMPS	Within 30 days from MDCC	-----	

Drawings submitted shall be complete in all respects with revised drawing submitted incorporating all comments. Any incomplete drawing submitted shall be treated as non-submission with delays to bidder's account. For any clarification/ discussion required to complete the drawings, the bidder shall himself depute his personal to BHEL for across the table discussions/ finalizations/ submissions of drawings.

For pumps where HT motor is to be free issue by BHEL, HT motor GA will only affect the GA drawing preparation from vendor. Vendor to furnish tentative GA drawing for pump within specified time schedule. Vendor to furnish final GA drawing within 10 days of receipt of Motor GA drawing from BHEL. Bidders to note that HT motors inputs viz. Load Torque vs. speed curves of the pumps, selected motor ratings, rpm, GD2 value of driven equipment furnished along with offer shall be considered final and BHEL may proceed with final motor designs as per same.

Drawing submission schedules are to be adhered by the bidders and any delay in the same from bidder's end shall be deducted from delivery period indicated from CAT I approval.

भारत हेवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
 बरि अभियंता (पी.जी.-1)/Sr. Engineer (P-1)
 पावर सेक्टर-परियोजना इंजीनियरिंग प्रबंधन
 Power Sector-Project Engineering Management
 पी.पी.ई.आर. बिल्डिंग, एच.आर.डी. एड ई. एस. आर. कॉम्प्लेक्स-3,
 PPEI Building, HRD & ES Complex,
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