



Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Project Engineering Management Noida

Ref. Enquiry No.: **E-6358/2019 Dated: 21.01.2020**

DUE DATE
31.01.2020
BY 02:00 P.M.

Subject: Open Tender Enquiry of **TRAVELLING WATER SCREEN** as per Technical Specification No. PE-TS-435-172-N001 (REV 00), for **2X660 MW UDANGUDI STPP STG I** Project.

BHEL invites offers from reputed Vendors (refer prequalification requirement and other requirements given in enquiry letter uploaded on our websites i.e. www.bhelpem.com, www.bhel.com, CPP PORTAL & through E-procurement website <https://bhel.abcprocure.com/EPROC/> for scope as per technical specification no. PE-TS-435-172-N001 (REV 00) and delivery to site for **TRAVELLING WATER SCREEN** as mentioned in different sections of this specification for **2X660 MW UDANGUDI STPP STG I** Project.

Detailed scope of equipment/system shall be as per technical specifications and other details hosted on BHEL / BHEL-PEM / BHEL EPROC websites.

Sl. No.	Description	Quantity	Delivery
1	TRAVELLING WATER SCREEN	AS PER BOQ	As per enclosed Annexure-A

Your offer should be submitted in two parts (Techno-commercial Bid and Price Bid) separately ONLINE via e-procurement system as per Clause-2.0 of GCC Rev.07 for the above mentioned equipment/system. Please send us an acknowledgement for the receipt of Enquiry by mail or letter. In case, you are not making an offer against this enquiry, you are requested to send a regret letter such that the same is received to us on or before due date.

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 delivered on or before the **due date by 02:00 PM**. Part-I bids shall be opened at **03:00 PM** on the due date. **Late tenders shall not be accepted.**

TERMS AND CONDITIONS

Please refer **GCC Rev.07** which is available on www.bhelpem.com. Bidders are requested to kindly download and refer the same. Bidders are advised to go through the following while submitting the offers;

1.0 Bidders to note that the following form the part of tender documents:

- General Conditions of Contract (GCC) Rev.07
- Technical Specification
- BOQ cum Price Format
- Special Conditions of Contract (SCC) Rev.00
- Technical PQR
- NIT conditions
- Any other document enclosed with NIT

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- 2.0 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.07) only** under the headings **"TECHNICAL DEVIATIONS"** and **"COMMERCIAL DEVIATIONS"** respectively, along with the reasons for taking such deviations.
- 3.0 Any hidden conditions/deviations mentioned elsewhere in the offer and Standard pre-printed terms & conditions of the tenderers shall not be considered valid.
- 4.0 Unsolicited fresh/revised Price Bids shall not be entertained.
- 5.0 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.
- 6.0 Bidders must enclose the Quality Plan in the prescribed format for approval. Item/Equipment/System 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).
- 7.0 Evaluation shall be done on overall L1 basis (total cost to BHEL excluding GST) quoted by bidders.
- 8.0 For clarifications/issues related to Tender, please contact:

Akash Verma, Sr Engr, PG-I M/s Bharat Heavy Electricals Limited, Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301 Kind Attn: Akash Verma/PG-I E-MAIL: akashverma@bhel.in Ph. Nos. 0120-4368960	Sh. Rajeev Lalwani, MGR/PG-I M/s Bharat Heavy Electricals Limited, Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301 Kind Attn: Rajeev Lalwani/PG-I E-MAIL: rlalwani@bhel.in Ph. No. 0120-4368793
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- 10.0 All vendors participating in an open tender shall be required to meet the PQ criteria irrespective of their being registered/ not registered with BHEL, failing which offer of such vendor(s) shall be rejected. Price bid (Part-II) opening/Reverse Auction is subject to the following: -

- a) Techno-commercial qualification / recommendation of bidder by the BHEL-PEM
- b) Approval of bidder by BHEL's Customer (i.e. M/s TANGEDCO). Same shall be taken up by us with customer based on the latest credentials/reference list (Preferably not older than 5 years) furnished by bidder. Accordingly, you are requested to submit the following on or before technical bid Part-1 opening or along with offer: -
- Company Profile
 - List of projects executed/ on hand for power sectors / Govt. organizations for the subject package.
 - Performance Certificates for satisfactory working of the system /equipment's.
 - Copies of major supply order executed by the vendor.

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- 11.0 Non-registered Vendors can 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 along with the application for registration have to be submitted and uploaded on the website. One set of hard copy of the filled-up SRF (Supplier Registration Form) downloaded from Online Registration Portal duly signed and stamped has to be submitted.
- 12.0 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, the same will be supplied free of cost by the bidder.
- 13.0 Indigenous Bidders have to quote freight charges in percentage of their quoted Total Ex-works prices.
- 14.0 CIF is not available for this package, Bidders to quote accordingly.
- 15.0 Prices are firm
- 16.0 "Integrity Pact (IP) is applicable, Name of the Independent External Monitors (IEMs) appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL are as below.

SI	IEM	Address	Phone & Email
1	Shri Arun Chandra Verma, IPS (Retd.)	Flat No. C -1204, C Tower, Amrapali, Platinum Complex, Sector 119, Noida (U.P.)	Ph: +91 8130386387 acverma1@gmail.com
2	Shri Virendra Bahadur Singh, IPS (Retd.)	H. No. B-5/64, Vineet Khand, Gomti Nagar, Lucknow - 226010	Ph: +91 8853760730 9818377360 vbsinghips@gmail.com

- 17.0 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) of person(s) signing the bid else bid shall be liable for rejection.
- 18.0 Overall (%) quantity variation in contract value (due to changes in the scope) for this package shall be +/-5 % which will prevail over the quantity variation clause no.6.0 indicated in the GCC rev 06.
- 19.0 Min. Local content value is 100 % for TRAVELLING WATER SCREEN package for year 2019-20, & it may vary in case department of industrial Policy and Promotion (DIPP) issue any new (revised) circular in future, the same % of content shall be informed as & when we receive from above authorities.
- 20.0 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 main supply and erection and commissioning.

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- 21.0** All the tender documents shall automatically become a part of the Order/Contract after its finalization
- 22.0** All the terms & condition shall be applicable as per SCC (Rev. 00) of projects, NIT, GCC Rev.07 and Technical Specification.
- 23.0** 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 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.
- 24.0** 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.abcpurchase.com/EPROC/>) under subject tender reference. Bidders are requested to visit our websites regularly 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 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

25.0 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.07.
- Acceptance of Special Conditions of Contract (SCC) of the project.
- Pre-qualifying Requirement (PQRs) - TECHNICAL PQR
- Acceptance of Technical Specification
- Technical Deviations and Commercial Deviations as per annexure-II of GCC Rev.07, if any.

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- 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.
- Credentials (Company profile, POs copy and performance certificates) in one set of hard copy for taking approval from end customer.

NOTE: - All correspondences from BHEL-PEM before part - I opening shall also be the part of NIT. In case you are not making an offer against this enquiry, you are requested to send a regret letter so as to reach us on or before the due date.

Thanking you,
Yours faithfully,

For and on behalf of BHEL

Akash Verma
(Sr. Engineer/Project Group-I)

Enclosures: -

- BOQ cum Price schedule
- Technical Specification (PE-TS-435-172-N001 (REV 00))
- Technical PQR
- SCC-Rev 00
- GCC REV 07 UPLOADED ON WWW.BHELPEM.COM

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ANNEXURE-A							
DELIVERY SCHEDULE OF TRAVELLING WATER SCREEN / TRAVELLING BAND SCREEN (TWS/TBS) FOR 2 X660 MW UDANGUDI SUPERCRITICAL STPP ST PROJECT							
Sl. No.	Package Code	BHEL Drawing No	Drawing Title	Primary/Secondary	Drng Sch for Vendors	Standard Delivery Terms for Supply Portion including Commissioning Spares and Tools & Tackles	Scope of Services, (if any, as per Indent) and corresponding schedule for rendering the services
1	172-11000-A	PE-V9-435-172-N001	P&ID OF TWS SYSTEM	Primary	R-0 within 21 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.	Within Eight (08) months for Sea water Applications, 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 drawing/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.	Supervision of critical stages of erection
		PE-V9-435-172-N002	GA OF TWS	Primary			Commissioning
		PE-V9-435-172-N003	CONTROL PHILOSOPHY & GA OF CONTROL PANEL- TWS	Primary			Site test
		PE-V9-435-172-N004	DETAILS OF DEBRIS SEGREGATION BASKET-TWS	Primary			Final installation checks
		PE-V9-435-172-N007	DATASHEET FOR TWS	Primary			Vendor to depute its service engineer for respective site activity within 15 days from BHEL's intimation (for deputing service engineer) for such site activity.
		PE-V9-435-172-N011	CIVIL DETAILS OF TWS	Primary			
		PE-V9-435-172-N020	QP OF TWS	Primary			
		PE-V9-435-172-N005	PIPING INSTALLATION DIAGRAM	Primary	R-0 within 21 days from approval of 'PID, Datasheet & GA of TWS' & 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.		
		PE-V9-435-172-N006	GA OF STRAINER	Primary	R-0 within 30 days from approval of 'Datasheet of TWS' & 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.		
		PE-V9-435-172-N008	DATASHEET OF STRAINER	Primary			
		PE-V9-435-172-N009	DATASHEET OF VALVES	Primary			
		PE-V9-435-172-N010	DATASHEET FOR PIPE, FITTING & FLANGES	Primary	R-0 within 30 days from approval of 'PID' & 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.		
		PE-V9-435-172-N019	DATASHEET FOR GEARED MOTOR OF TWS	Primary			
		PE-V9-435-172-N012	DATASHEET FOR PRESSURE/DIFF. PRESSURE GAUGE	Primary			
		PE-V9-435-172-N013	DATASHEET FOR DIFF. LEVEL TRANSMITTER	Primary			
		PE-V9-435-172-N014	DATASHEET FOR ELECTRICAL ACTUATOR	Primary	R-0 within 30 days from approval of 'Control Philosophy' & 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.		
		PE-V9-435-172-N015	DATASHEET OF DIFF. PRE. INDICATOR SWITCH	Primary			
		PE-V9-435-172-N016	WIRING DIAGRAM	Primary			
		PE-V9-435-172-N017	DATASHEET OF PLC & LCP SYSTEM	Primary	within 30 days of issuance of MDCC.		
		PE-V9-435-172-N018	CABLE SCHEDULE	Primary			
		PE-V9-435-172-N021	O&M MANUAL-SCS	Secondary			
Delivery of Mandatory Spares		Within 4 months from BHEL clearance					