

Scope of Enquiry
Item Name: Pressure Transmitters
Project: Sagardighi Unit-5 660 MW Project

E-bids on GeM are invited from bidders for the supply of **Pressure Transmitters for Sagardighi Unit-5: 660 MW Project**, as per requirement mentioned below:

Applicable DRG: 41337666101 REV: 10 with BHEL SPEC: ST48010 REV: 05

Sl. No.	Material Code & Item Description	Total Quantity (No.)	Lot No.	LOT Quantity (No.)	Date for Supply Completion
1	W97372652367 PRESSURE TRANSMITTER 0-400 BAR	9	1	8	31.03.2024
			2	1	31.03.2024
2	W97372652383 PRESSURE TRANSMITTER 0 TO 110 BAR	2	1	1	31.03.2024
			2	1	31.03.2024
3	W97372652146 PRESSURE TRANSMITTER 0-80BAR	11	1	10	31.03.2024
			2	1	31.03.2024
4	W97372652170 PRESSURE TRANSMITTER 0-16BAR AS PER DRG. NO.-41337666101	4	1	3	31.03.2024
			2	1	31.03.2024
5	W97372652375 PRESSURE TRANSMITTERS FOR STEAM TURBINE,PRESSURE TRANSMITTER (-)1 TO 399 BAR	4	1	3	31.03.2024
			2	1	31.03.2024
6	W97372652219 PRESSURE TRANSMITTER, -1 TO +79BAR	5	1	4	31.03.2024
			2	1	31.03.2024
7	W97372652235 PRESS. TRANSMITTER, -1 TO +44BAR	3	1	2	31.03.2024
			2	1	31.03.2024
8	W97372652340 PRESSURE TRANSMITTER (-1)TO (+39)BAR	2	1	1	31.03.2024
			2	1	31.03.2024
9	W97372652359 PRESSURE TRANSMITTERS FOR STEAM TURBINE, PRESSURE TRANSMITTER (-1) TO (+19) BAR	4	1	3	31.03.2024
			2	1	31.03.2024
10	W97372652332 PRESSURE TRANSMITTERS FOR STEAM TURBINE, PRESSURE TRANSMITTER (-1)TO (+9)BAR	2	1	1	31.03.2024
			2	1	31.03.2024
11	W97372652324 PRESSURE TRANSMITTER (-1) TO (+3) BAR	3	1	2	31.03.2024
			2	1	31.03.2024
12	W97372652260 PRESS. TRANSMITTER, 0-10BAR (ABS)	4	1	3	31.03.2024
			2	1	31.03.2024

13	W97372652278 PRESS.TRANSMITTER,0-1.3BAR, ABS	13	1	12	31.03.2024
			2	1	31.12.2023
14	W97372651360 FLOW TRANSMITTER,0-1800 MBAR (DIFFERENTIAL PRESSURE TRANSMITTER)	7	1	6	31.03.2023
			2	1	31.12.2023
15	W97372652251 DIFF. PRESS.TRANSMITTER, -10 TO +90 MBAR	4	1	3	31.03.2023
			2	1	31.12.2023
16	W97372651093 PRESS.TRANSMITTER 0-6 KG/CM2	4	1	3	31.03.2024
			2	1	31.03.2024
17	W97372651018 PRESS TRANSMITTER 0-250KG/CM2 SPEC: ST48010 REV: 05	5	1	4	31.03.2024
			2	1	31.03.2024
18	W97372652430 DRG: 41337666101 REV: 10 DIFF. PRESS.TRANSMITTER, 0 TO 2 BAR	3	1	2	31.03.2024
			2	1	31.03.2024
19	W90313376050 HAND HELD COMMUNICATOR (FOR SMART PRESSURE TRANSMITTERS) DRG: 41337622101 REV: 01,	1	1	1	31.03.2024

Application: PTs/DPTs/Flow Transmitter are required for thermal power plant.

EARNEST MONEY: Zero/ NIL

Buyers Specific Terms & Conditions
Item Name: Pressure Transmitters
Projects: Sagardighi Unit-5 660 MW Project

Sl. No.	Terms	Description	Your confirmation
1.	Confirmation to compliance of General terms and conditions on GeM 4.0 (Version 1.13)	General terms and conditions on GeM 4.0 (Version 1.13) or subsequent rules/policies issued by GeM shall be applicable. Please confirm.	
2.	Public Procurement (Preference to Make in India)	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 No. P-45021/ 2/ 2017-PP (BE-II) dtd. 04/06/2020 issued by DPIIT. In case of subsequent Orders issued by the respective 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.	
		Vendor to submit tender specific self-certificate in line with PPP-MII Order No. P-45021/ 2/ 2017-PP (BE-II) dtd. 04/06/2020 clearly indicating percentage of local content. Please Confirm	
3.	Pre-Qualification Requirements	The Pre-Qualification Requirements have been compiled and placed at ANNEXURE-1. All the bidders should ensure submission of complete details and documents as called for in these requirements. The Offers submitted by the bidders would be scrutinized with respect to Pre-Qualification Requirements first. Techno-Commercial offer of only those bidders shall be evaluated who meet the Pre-Qualification Requirements. Please submit sufficient credentials against PQR documents (Annex-1)	
4.	Special Instruction of Technical requirement	Test and Guarantee certificates are required to be submitted. Please confirm	
		Please confirm that Specification No. ST48010 rev-05 & DRG NO. 41337666101 rev-10, DRG NO. 41337622101 rev-01 for HHC shall be followed for concerned items of the enquiry. DRG NO. CIEPTF7_R02 is to be followed for KKS TAG details and specific technical requirement over and above specification ST48010.	
		Datasheet of each item is required for BHEL/customer approval. Type test certificate of each model required after placement of PO. Please confirm to provide.	
		Please note that all items are to be procured from same vendor.	
		vendor to provide operation & maintenance (O & M) manual along with supplies and 1 copy along with soft copy of O & M manual to be sent to BHEL Haridwar. Please confirm.	
		All accessories should be in assembled condition including plug and socket connector, before dispatch of the items. Please confirm.	
		All instruments shall be calibrated as per BHEL range given in DRG No. CIEPTF7_R02 before dispatch. Please confirm.	
		Items against Lot-2 of each material code are spare items. These spare items are to be packed together in separate green coloured box.	
Items shall be dispatched in suitable "steel boxes" or "wooden boxes with steel strips fixed around the box", or "any other suitable packaging", which can withstand transit movement, local environment and moisture/ water.			

		In addition to packing instructions given in spec. No. ST48010 (cl. No. 13), spec no. ST33002 Rev-02 (cl. No. 3.1 A & B) should be followed for packing of all items.	
5.	Price basis	Prices should be quoted on F.O.R. Destination basis up to Sagardighi Project including of freight, packing & forwarding charges, GST etc. Please mention here the applicable GST rate included in the prices quoted by you. Prices shall remain firm and fixed during entire execution of project. Please confirm.	
6.	Transit Insurance	Transit insurance shall be arranged by BHEL and not to be included in the prices.	
7.	Evaluation criteria	Evaluation will be done on the basis of total landed cost to BHEL, with cost involved for delivery up to BHEL Sagardighi project site (considering material cost, taxes & duties, Freight, etc.).	
8.	Evaluation currency	The evaluation currency for this tender shall be INR.	
9.	Payment Terms	Payments shall be made to the Seller within 90 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills. For Micro/ small & Medium (covered under MSME Act), payment will be made within 45 days & 60 days respectively after issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills.	
10.	MDCC clause	Material shall be dispatched only after issue of material dispatch clearance certificate (MDCC) by BHEL. All test certificates and relevant documents are to be sent to BHEL before dispatch of material for issue of MDCC, which will be issued after review of test certificates etc. MDCC will be issued within 07 days of receipt of these documents once found complete in all respects. In case of any delay on account of BHEL in issuing MDCC, delivery shall be extended by no. of days in excess of 7 days taken by BHEL in issuing MDCC and delays shall be dealt on merit basis. Material is to dispatched within 07 days of receipt of MDCC from BHEL without waiting for PO amendment.	
11.	Document submission for approval from BHEL/customer	Drawings/Data sheets/Documents/Type Test etc. as called for in the specifications shall be submitted for approval to BHEL for BHEL/customer approval within 20 days of purchase order. Any delay in delivery on account of late submission of drawings/data sheets/QAP/documents shall be to vendors account. BHEL will arrange the approval of the drawings/data sheets/ documents within 20 days of their receipt provided those are complete in all respect. Delays in approval shall be dealt on merit basis.	
12.	Quality Requirements	For indigenous supply: Inspection by BHEL nominated inspection agency "INTERTEK" as per BHEL SQP "QA/BE/QP/902, REV. 12". Vendor has to endorse the Q.P (enclosed with item catalogues). For Hand Held Communicator (Material Code: W90313376050): T.C./C.CO.C. is required as per ordering document. For Foreign vendors: Testing and certification is required as per ordering drawing and specification. For Hand Held Communicator (Material Code: W90313376050): T.C./C.CO.C. is required as per ordering document. Please confirm to comply above quality requirement.	
13.	Customer approval Condition	Please note that procurement shall be done only from the vendors, approved by end customer i.e. WBPDCS Sagardighi. BHEL will share successful vendor name and credentials to customer for approval before price bid opening and Part-2 will be opened for customer approved vendor only.	

14.	Guarantee	<p>Kindly confirm that all equipment shall be guaranteed for trouble free performance for 24 months from the date of shipment or 12 months from the date of commissioning, whichever is earlier. Buyer to submit guarantee certificate mentioning above guarantee period.</p> <p>Please note that offers with guarantee period lesser than above mentioned guarantee period may result in rejection of the offer.</p>	
15.	Sharing of Specifications & drawings	<p>Bidders shall submit endorsed copy of attached FCA at email id adesh@bhel.in or sagargupta@bhel.in to get soft copy of Specifications & drawings. BHEL-HEEP registered PMD vendors for the items of this enquiry will not require to provide signed FCA to get the confidential drawings/specifications.</p>	
16.	Manufacturing clearance	<p>In case of ordering, vendor has to take manufacturing clearance from BHEL before starting manufacturing of material. No manufacturing is to be started without getting clearance from BHEL. Kindly confirm.</p>	
17.	Delivery Period	<p>Kindly quote your minimum delivery period in no. of weeks/months from the date of issue manufacturing clearance.</p> <p>-----</p>	
18.	Liquidated Damages	<p>If the Seller/Service Provider fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever.</p> <p>The date of LR (Lorry Receipt) would be treated as the date of delivery for penalty purposes.</p>	
19.	Arbitration:	<p>In case of any dispute arising out of as in connection with this contract, the same shall be referred to arbitration under Arbitration & Conciliation Act 1996 of a sole arbitrator who shall be appointed by mutual consent of the parties. The seat & venue of arbitration shall be Haridwar.</p> <p>The proceedings shall be conducted in English. The Governing law of contract shall be the substantive law of India.</p>	
20.	Risk Purchase:	<p>In case of abnormal delays (beyond the maximum late delivery period as per Penalty clause) in supplies /defective supplies or non-fulfillment of any other terms and conditions given in Purchase Order, BHEL may cancel the Purchase Order in full or part thereof, and may also make the purchase of such material from elsewhere /alternative source at the risk and cost of the supplier. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract.</p>	
21.	Firm prices	<p>Price will remain firm and fixed during entire execution of tender/supply.</p>	
22.	Bidder contact details	<p>1. Name_____Contact_____Email_____</p> <p>2. Name_____Contact_____Email_____</p>	

Pre-Qualification Requirement (PQR)

PQR Clause No.	<u>Description of PQR Clause</u>	Vendor Assurance with Supporting Documents															
1	Bidder shall be the manufacturer or authorized supplier of OEM of pressure transmitters. Accordingly, any legal document or Letter of authorization shall be submitted respectively in support of this.																
2	<p>Bidder must have successfully supplied at least 100 or more pressure transmitters in last 7 years from date of enquiry. Bidder needs to furnish un-priced copy of purchase order (PO) in support of above and furnish data in following format.</p> <table border="1" data-bbox="272 688 1328 873"> <thead> <tr> <th data-bbox="272 688 431 800">(Project/ Customer Name)</th> <th data-bbox="431 688 610 800">PO ref no. & date</th> <th data-bbox="610 688 797 800">(Pressure Transmitter range)</th> <th data-bbox="797 688 932 800">Qty</th> <th data-bbox="932 688 1328 800">Contact details of customer (email and/or phone number, etc.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="272 800 431 831"></td> <td data-bbox="431 800 610 831"></td> <td data-bbox="610 800 797 831"></td> <td data-bbox="797 800 932 831"></td> <td data-bbox="932 800 1328 831"></td> </tr> <tr> <td data-bbox="272 831 431 863"></td> <td data-bbox="431 831 610 863"></td> <td data-bbox="610 831 797 863"></td> <td data-bbox="797 831 932 863"></td> <td data-bbox="932 831 1328 863"></td> </tr> </tbody> </table>	(Project/ Customer Name)	PO ref no. & date	(Pressure Transmitter range)	Qty	Contact details of customer (email and/or phone number, etc.)											
(Project/ Customer Name)	PO ref no. & date	(Pressure Transmitter range)	Qty	Contact details of customer (email and/or phone number, etc.)													
3	Bidder to confirm that offered model of transmitters have been successfully operational in at least one unit of a coal fired station of capacity 500 MW or above for a period of 16000 Hours or above as on the date 14.03.2028. Bidder to submit Purchase Order and supporting document (performance certificate) for the same.																
4	<p>General technical requirements shall be as below. Bidder to confirm against each point: -</p> <p><u>TECHNICAL REQUIREMENTS: -</u></p> <ul style="list-style-type: none"> a) Type of transmitter : SMART microprocessor based ,2 Wire 24V DC,+/-10% b) Sensor type : Capacitance/Inductive/Silicone resonance or any other proven principal. c) Output signal range : 4-20m ADC with digital communication (HART protocol) d) Accuracy : 0.075% of calibrated span e) Response time : <100 mSec f) Housing : Cast aluminium stoving enamel painted, weather proof g) Protection : IP67 h) Local indication : Required i) Diagnostics : Self Indicating feature j) Wetted parts : SS316 k) Electrical connection : 3 pin plug in connector l) Process connection : G ½ " Male 																
5	Catalogue of offered items to be provided in support of technical specification.																

6	Bidders who are supplying offered PT/DPT to BHEL Haridwar for the first time, will be required to submit Type test at the time of technical evaluation. Bidder to confirm.	
7	Bidders who are supplying offered PT/DPT to BHEL Haridwar for the first time, will be required to submit certification for SIL2, as applicable at the time of technical evaluation. Bidder to confirm.	
	Bidder to confirm specific compliance wherever asked. BHEL reserves the right to verify information submitted by bidder. In case the information is found false / incorrect/ incomplete, the offer shall be rejected	

SPECIAL NOTE FOR BIDDERS:

Following documents are an integral part of this tender enquiry and endorsed copies of these documents (duly signed and stamped on each page, as a token of acceptance) are to be uploaded along with offer on GeM procurement portal.

1. Please submit signed & Stamped copy (each page) of duly filled of confirmation column of “Buyers Specific Terms & Conditions (Annexure-A)” and its clause wise supporting documents where required.
2. Please submit signed & stamped copy (each page) of PQR documents with proper filled information and related supporting documents as mentioned in PQR (Annex-1).
3. Please submit signed & stamped copy (each page) of FCA documents at adesh@bhel.in or sagargupta@bhel.in for obtaining BHEL specifications and drawing from BHEL for subject NIT with proper filled information and related supporting documents as mentioned in FCA. BHEL –HEEP registered PMD vendors for the items of this enquiry will not require to provide signed FCA to get the confidential drawings/specifications.
4. Please submit endorse quality plan given as QA/BE/QP/902, REV. 12
5. Requisite EMD as per above mentioned details.
6. Please submit MSE certificate (if have).
7. Self-declaration of MII class certificate