



Bharat Heavy Electricals Limited

(A Govt. Of India Undertaking)

Power Sector, Eastern Region

1X660 MW SgTPP, Sagardighi, Murshidabad, West Bengal

NOTICE INVITING TENDER (NIT)

To,

- 1. Sub.:** Notice Inviting Tender (NIT) for Supply of 8 nos of Differential Pressure transmitters
Make :Siemens to Sagardighi site

Dear Sir,

Offers are invited through By email from the OEM for the subject supply of items by the undersigned on behalf of BHARAT HEAVY ELECTRICALS LIMITED, Sagardighi site as per tender document. The offers are to be submitted latest by 03 days from floating of tender at 15:00 hrs in BHEL, PSER, Sagardighi Site Office, Monigram , Murshidabad (West Bengal) and the same will be opened on same day at 18:00 hrs. Bidders to note specifically that all pages of tender document including these NIT pages of this particular tender, shall be submitted by them, duly signed & stamped on each page, as part of the offer. Rates/Price including discounts/rebates, if any, mentioned anywhere/in any form in the offer other than the Price Bid (BOQ), shall not be entertained. The bidders are requested to depute their representative during opening of the tenders.

Thanking you,

Yours sincerely,
For & on behalf of BHEL

Encl.

- NIT
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NIT

- 1.0 Supply of 3 nos of DP Transmitter (as per following Scope Detail) to 1x660MW, WBPDC, Sagardighi site, Murshidabad, WB

SALIENT DETAILS OF NIT		
SL	ISSUE	DESCRIPTION
1.0	TENDER SPECIFICATION NO.	PSER: SOX:SDG:CNI:DPTX:02 DT12.09.2025
2.0	DUE DATE OF SUBMISSION	03 days from floating of tender at 15:00 hrs
3.0	DUE DATE OF TENDER OPENING COVER NO. I (Techno-Commercial Bid) of tender	03 days from floating of tender at 18:00 hrs
4.0	VENUE OF TENDER OPENING	Bharat Heavy Electricals Limited, 1x660 MW Sagardighi Thermal Power Project, Unit-5, WBPDC, P.O.- Manigram, Dist.: Murshidabad, West Bengal-742237
5.0	EMD AMOUNT	NIL
6.0	Participate	OEM ONLY

- 2.0 The offer shall be submitted as per instruction of tender document.

- 1.1 The offer shall be sent over email to the undersign over the letter head of the supplier.

COVER NO	SHALL CONTAIN FOLLOWING
COVER-1	One original copy of each of following should be submitted by the bidder: a) Price schedule / Rate schedule WITH TERMS & CONDITION d) PAN No. A photocopy of PAN card (Self attested) is to be submitted f) GST registration number. A photocopy of GST certificate (Self attested) is to be submitted

The Tenderer should be addressed to:

**Construction Manager/Project Director
Bharat Heavy Electricals Limited,
1x660 MW Sagardighi Thermal Power Project, Unit-5,
WBPDC, P.O.- Manigram,
Dist.: Murshidabad, West Bengal-742237**

3.0 Tender to be submitted through **"email"** or by hand at BHEL OFFICE at BHEL Sagardighi site (1x660MW).

4.0 The Tenderer should thoroughly go through all the clauses/ specifications, terms and conditions stipulated in the tender documents. In case the tenderers have any doubt about the meaning of any portion of the tender specifications or the tender documents issued are incomplete or shall require clarification on any of the technical aspect, scope of work etc. they should at once contact the authority inviting the tender for clarification before submission of the tender.

4.0 The tenderers should quote the rates in English language and international numerals. The rates shall be in whole rupees. The rates shall be entered in figures as well as in words.

5.0 All entries in the tender shall either be typed or be in written form. Erasures and overwriting are not permitted and may render such tenders liable to be summarily rejected. All cancellations, insertions, overwriting etc. shall be duly attested by the bidders.

Scope, and Terms & Conditions of Contract:

Sl no	<u>Scope, Terms & condition to bidder (A)</u>
	<u>SCOPE</u>
1	Supply of Differential Pressure transmitter for furnace Pressure Make: Siemens Item-1 Range: -250 to +250 mmWC Qty-04 nos Application: Furnace Pressure measurement, Flue Gas Item-2 Range: 0 to 1300 mmWC Qty-04 nos Application: Hot PA to furnace DP measurement, Flue Gas
2	a) Sensor: Silicon Resonant Sensor technology b) Output Signal: 4-20mA DC, 2-Wire system, HART Digital Signal c) Diaphragm Material: HASTELLOY-C276 d) Fill Fluid: Silicone Oil e) Load: 600ohms at 25.2 V DC f) Span and Zero adjustment along with the facility for elevation & suppression: Provided
3	a) Calibration Range: Item-1 :(-250) to 250 mmWC b) Adjustable Span: 100 to 10000mmWC (G)
4	a) Enclosure Class: NEMA4X / IP67 b) Output indicator: LCD Digital Display with Engg. units & range setting switch c) Housing: Low copper cast-aluminium alloy
5	a) Process Connection: ½ " NPT (F) with matching process connector & nut Bolt b) Electrical Connection: ½ " NPT (F)

6	a) Accuracy: 0.055% of Span for above 1/10th of URL b) Stability: 0.1% of URL per 10 years. c) Maximum Over Pressure / d) Static Pressure: 16 MPa (2300 psi) e) Turn Down Ratio: 100:1 f) Response Time: 90msec.
7	a) Name Plate: Tag No. is engraved in SS Tag Plate. b) Zero & Span Drift: $\pm 0.015\%$ per °C at max span / $\pm 0.011\%$ per °C at min span
8	Accessories a) Cable gland Suitable for connection Connection ½" NPT(F) – 1No. b) ½" NPT (M) Blind Plug in SS - 1No c) SS Mounting Bracket with bolts & nuts for 2" pipe mounting
<u>Scope of BHEL (B)</u>	
1	Insurance in BHEL Scope

Validity of Offer:

The rates in the tender shall be kept firm for at least 1 month. The acceptance of tender will rest with BHEL and reserves to itself full rights without assigning any reasons whatsoever. No deviation from the tender specification shall be acceptable to BHEL.

For and on behalf of Bharat Heavy Electricals Limited

Sr. Manager. (C & I), BHEL (Sagardighi Site)
