



Bharat Heavy Electricals Limited, Jhansi

Material Test Laboratory (MT Lab)

Dt. 18.12.2021



TENDER DOCUMENT

For Tender Enquiry No.: MTL/TW/21/05/005, Dt. 18.12.2021

For

**“Calibration of Pneumatic Dead Weight Tester, Model 550, Make DH Budenberg
Of MTL, BHEL-Jhansi (Work Contract)”**

Contact Person:

Name: Anshuman Sharma

Designation: Dy. Manager (MM)

Email: anshuman.sharma@bhel.in

PH: 0510-2412784

Tender Due Date: 11.01.2022, at 13:15 Hrs

Tender Opening Date: 11.01.2022, at 14:00 Hrs

Rev	Short details of revision (In case of revision in tender document, otherwise NA)
Date:	

**MATERIAL TEST LABORATORY
BHEL, PO: BHEL, Jhansi 284120 (UP)**



Bharat Heavy Electricals Limited, Jhansi

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DETAILS OF TENDER DOCUMENT

Nature of work: **Calibration of Pneumatic Dead Weight Tester, Model 550, Make DH Budenberg) of MTL, BHEL-Jhansi (Work Contract)**

1. BHEL – JHANSI is in the process of finalizing the Works Contract **for Calibration of Pneumatic Dead Weight Tester, Model 550, Make DH Budenberg) of MTL, BHEL-Jhansi (Work Contract)**. The tender document has been detailed as follows:
 - a) Notice Inviting Tender (Annexure A)
 - b) Work Specifications, Scope of work & payment (Annexure B)
 - c) Qualifying Requirement (Annexure C)
 - d) Documents required (Annexure D)
 - e) Technical Bid Application (Annexure E)
 - f) Blank Price Bid format (Annexure F (a))
 - g) Price Bid format (Annexure G (b))
 - h) General Terms and Conditions (JHS 2055C R01)
 - i) Document referred in GTC (Annexure I- VIII)

The duly filled in Technical and Price / Rate bids (**Annexure E and F (a & b)**) along with the instructions to the tenders, Contractor's Obligations, General Terms and Conditions with the signature of the tender on all the pages and complete in all respects super scribed as "**Quotation for Tender No. MTL/TW/21/05/005 Dated 18.12.2021**" should reach us in a sealed cover on or before **11.01.2022 (13:15 hours)** through Registered / Speed post or the same may be dropped in the tender box available at the following address: (**refer GTC ii(c)**).

To
Tender Box
Security Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284120. UP

- Note: 1) Dropping of tender in the Tender Box within schedule time and date is the responsibility of the bidder.
2) Technical bid and price bid should be submitted in separate sealed envelopes, in case the bids founds in one single envelope then the "bids" are liable to be rejected.
3) Tender may be sent via e-mail to tenderbox.jhs@bhel.in

We hereby accepted above (signature & seal of bidder)

Tender Documents

TENDER ENQUIRY NO: MTL/TW/21/05/005

DATE: 18.12.2021

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01	Notice Inviting Tender	A	4-5	2
02	Work Specification, Scope of work and Payment	B	6-7	2
03	Qualifying Requirements	C	8	1
04	Documents Required	D	9	1
05	Performa for submitting Technical Bid	E	10	1
06	Blank price bid	F(a)	11	1
07	Price bid	F(b)	12	1
08	General Terms & conditions of enquiry (JHS 2055C R01)	Copy Enclosed	13-27	14
09	Annexure (I,II,III & IV) Forms	I,II,III & IV	28-31	4
10	Self-declaration on company's letter head	V	32	1
11	Contract Agreement	VI	33-35	3
12	Indemnity bond	VII	36	1
13	Checklist of documents	VIII	37	1
	TOTAL			33

ANNEXURE A

NOTICE FOR INVITING TENDER

S. No.	Particulars	Details
1	Brief Description of work	Calibration of Pneumatic Dead Weight Tester, Model 550, Make DH Budenberg) of MTL, BHEL-Jhansi,
2	Tender Evaluation Criteria	As per GTC point (iv)
3	Last date of receipt of the Tender	As per Page no. 1 of Tender Document
4	Date of opening of Techno – Commercial Bid.	As per Page no. 1 of Tender Document
5	Address for submitting the Tender	As per GTC point ii(c)
6	Earnest Money Deposit * (EMD)	Rs. 760/- (Rupees Seven hundred sixty Only)
6(a)	The EMD may be accepted only in the following forms: (i) Electronic Fund Transfer credited in BHEL account (before tender opening) <i>BHEL account details: Bank Name: - SBI; A/c No. :- 10670828866 ; IFSC code:- SBIN0003807, A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED</i> (ii) Card swapping through POS machine at Cash section of BHEL Jhansi.)	
7(a)	In case of successful bidder, EMD will be converted and adjusted against the security deposit, if applicable.	
7(b)	EMD will be forfeited in following cases.	
(i)	After opening the tender, the bidder revokes his tender within the validity period or increases his quoted rate.	
(ii)	The bidder does not commence the work within the stipulated period as per LOI/ Contract. In case the LOI/contract is silent in this regard, then within 15 days after award of contract.	
(iii)	MSEs bidders may be exempted from submission EMD and tender cost, however, MSEs bidders must ensure regarding declaration of UAM number Central Public Procurement Portal (CPPP), failing which such bidders will not be able to enjoy the benefit of exemption of EMD and tender cost.	

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7(c)	EMD given by all unsuccessful tenderers shall be refunded normally within 15 days of acceptance of award of work by successful tenderer.	
7(d)	EMD shall not carry any interest.	
8	Cost of Tender	NIL
9	MSME Clause	As per GTC point (iii)
10	Validity of Offer	120 Days
11	Security Deposit	As per General terms & conditions

Note: *

- The EMD shall be accepted only in the following forms:

Electronic Fund Transfer credited in BHEL account (before tender opening)

BHEL account details: Bank Name: - SBI; A/c No. : - 10670828866; IFSCCode: - SBIN0003807 A/c Holder Name: - BHARAT HEAVY ELECTRICALS LIMITED

- The contractors may physically visit the work place before quoting their rates. For relevant details please visit our website "www.bhel.com" & www.eprocure.gov.in
- EMD is waived of for Central/ State PSUs/ Government depts./ Autonomous/ Educational/ Research institutions however, bidders must ensure submission of documents regarding being Central/ State PSUs/ Government depts. to avail the benefit of exemption of EMD payment.

WORK SPECIFICATION / SCOPE OF WORK

Name of Work: Calibration of Pneumatic Dead Weight Tester, Model 550, Make DH Budenberg) of MTL, BHEL-Jhansi (Work Contract)

1.0 Detail of work:

Sl. No.	Job / Activity	Unit of Measurement	Quantum of Work
01	Calibration of Pneumatic Dead Weight Tester, Model 550, Make DH Budenberg)	Nos.	01

WORK SPECIFICATION

Table 1: Calibration Points

Sl. No.	Description				Quantity	Range	Applicable Standard / Document for Calibration	Maximum Required CMC at K = 2	Calibration Points
	Instrument Name	Make	Model / Sl. No.	Accuracy					
1	Pneumatic Dead Weight Tester	DH Budenberg, UK	Model: 550 Sl. No.: 28467DHI	$\pm 0.015\%$ of Reading	1	0.100 to 7.105 Kg/Cm ²	Calibration as per EURAMET cg - 3 or equivalent document	0.005%	0.500 Kg/cm ²
									1.000 Kg/cm ²
									1.500 Kg/cm ²
									2.000 Kg/cm ²
									2.500 Kg/cm ²
									3.000 Kg/cm ²
									3.500 Kg/cm ²
									4.000 Kg/cm ²
									5.000 Kg/cm ²
									6.000 Kg/cm ²
									7.105 Kg/cm ²

Scope of Work and Payment

Sl. No.	Scope	Vendor to specify (Yes/No)
1	Details of instrument for calibration bearing Sl. No. 28467DHI: Pneumatic Dead Weight Tester, Model 550, Make DH Budenberg, Accuracy & Range: As per table 1 of Annex B.	
2	Calibration is to be done on mutually agreed date and time schedule.	
3.1	Calibration is to be done as per specification attached (Refer table 1 of Annexure B) & in reference of Manufacturer's Specification. Should there be any comments or points which are technically not feasible; the same may please be brought out.	
3.2	Calibration agency shall have valid NABL or other equivalent accreditation as per ISO 17025 in concerned parameter and range. Agency to submit NABL accreditation certificate no.	
3.3	The scope of accreditation of calibration agency shall cover all the ranges of instrument/s for which the instrument is to be calibrated and for which the agency submits the offer.	
4	The calibration work will have to be completed within one month after submission of instrument to the Calibration Agency. Delay in execution of work may cause penalty of 0.5% of contract value per week up to maximum of 10%.	
5	The instruments shall be calibrated at the works of External laboratory i.e. at your laboratory.	
6	The Standard Equipment/ Instruments used for calibration shall have capability (class/accuracy/stability) to maintain proper Test Uncertainty Ratio (TUR) during calibration and traceability to National/ International Standards.	
7	Calibration stickers bearing equipment details, calibration date, calibration status and next due date shall be put on the Instrument after calibration (periodicity of calibration will be given by BHEL at the time of submission of instrument for calibration).	
8	Detail calibration certificate of the instrument shall be prepared in line with ISO 17025 and should be submitted within 7 days from date of completion of calibration.	
9	The payment shall be made after completion of work and submission of Final Invoice/ Bill.	
10	Offer shall be submitted separately in 2 sealed bids namely Technical Bid & Price Bid.	
11	Deviation, if any, shall be clearly brought out.	
12	The Party shall confirm all the above points failing which their offer may not be considered.	



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ANNEXURE –C

Sl. No.	Description of Qualifying requirement	Vendor to specify (Yes/No)
1	Calibration agency shall have valid NABL accreditation as per ISO 17025 in concerned parameter and range (Refer table 1 of Annexure B). Calibration agency shall have to submit the valid certificate of accreditation.	
2	The scope of accreditation of calibration agency shall cover all the ranges of instrument/s (Refer table 1 of Annexure B) for which the instrument is to be calibrated and for which the agency submits the offer. Calibration agency shall have to submit the NABL scope of accreditation.	

We hereby accepted above (signature & seal of bidder)



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ANNEXURE –D

ESSENTIAL DOCUMENTS

1. The bidder should have PAN/TAN number.
2. The bidder should have VAT/TIN No. if material is supplied/consumed.
3. Undertaking duly signed, with seal and stamp of the Bidder, on their letter head as per annexure V.
4. Documentary proof in support of above eligibility criteria along with EMD (if applicable) shall be submitted along with Techno Commercial Bid.
5. **Blank Price Bid as per Annexure – F(a).**

We hereby accepted above (signature & seal of bidder)

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ANNEXURE E

PROFORMA FOR SUBMITTING TECHNICAL BID

1	Name of the firm (Essential)	
2	Address and Contact Numbers (Essential)	
3	Name of the Proprietor (Essential)	
4	Registration Number of the Firm (Essential)	
	Copy of the Certificate	Enclosed / Not Enclosed
5	NABL accreditation certificate Number of the Firm/Laboratory (Essential)	
	Copy of the Certificate	Enclosed / Not Enclosed
6	Labour License Number (Desirable)	
	Copy of the License	Enclosed / Not Enclosed
7	PF Code Number (Desirable)	
	Copy of PF registration	Enclosed / Not Enclosed
8	ESI Code Number (Desirable)	
	Copy of ESI registration	Enclosed / Not Enclosed
9	PAN/TAN Number (Essential)	
10	GST Number (PAN Based) (Essential)	
11	Validity of offer	120 days from the date opening of technical bid
12	Blank Price bid format (Essential)	Enclosed / Not Enclosed
12	Valid E-Mail Id (Essential)	

We will fulfill all the obligations of the contractor and abide by the Terms & Conditions mentioned in the enquiry.

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We hereby accepted above (signature & seal of bidder)