

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

Factory Civil Department

TENDER DOCUMENT

TENDER ENQUIRY NO.: FCX/TW/24/01

DATE:- 08/04/2024



TENDER DOCUMENT

For Works Contract

For Tender Enquiry No : FCX/TW/24/01

For

**“Soil testing work for proposed UHV lab inside factory premises in BHEL
Jhansi.”**

Contact Person :

Name : Vinod Kevre

Designation : Sr. DGM (CMM)

Email : kevre@BHEL.in

PH : 0510 – 2770001 – (eXTN 2797)

Tender Due Date 16/04/24 at 13 :15 Hrs

Tender Opening Date : 16/04/24 at 14 :00 Hrs

Material Management Department

BHEL, PO : BHEL, Jhansi 284120 (UP)

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

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Detail of Bidder and Documents to be submitted along with Technical Bid

Please number your documents in continuation with tender documents at bottom (footer) of page.

S.No.	Particular	Detail	
1.	Name of the firm		
2.	Name of the Proprietor/Partners		
3.	Address		
4.	Mobile No.		
5.	E-mail ID		
Documents			
	Particular	Detail	Page No
6.	Acceptance of Terms & conditions Signature on all pages without conditions of contractor	Submitted/ Not submitted	
7.	Blank price bid format duly signed by the contractor.	Submitted/ Not submitted	
8.	Copy of PAN card	PAN No-	
9.	Copy of GST registration	GST No-	
10.	Self declaration as per annexure V on letter head.	Submitted/ Not submitted	
11.	Copy of ownership of firm	Submitted/ Not submitted	

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

Date :-

Signature With Name & Seal

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Part II:

PRICE BID

(Separate envelope)

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NOTICE INVITING TENDER



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1- NOTICE INVITING TENDER

S. No.	Particulars	Details
1.	Name of work	“Soil testing work for proposed UHV lab inside factory premises in BHEL Jhansi”
2.	Tender Evaluation Criteria	As per GTC issued by “Central Contracting Cell” and Tender Documents.
3.	Duration of the Contract	01 Months
4.	Last date of receipt of the Tender	(As on page # 1)
5.	Date of opening Tender	(As on page # 1)
6.	Address for submitting the tender	(As on page # 7)
7.	Earnest Money Deposit (EMD)	Nil
8.	Cost of tender (Non refundable)	Nil
9.	Validity of Offer	120 days
10.	Defect liability period	Nil
11.	Reverse Auction	NA
12.	Start-up scheme Benefit	Not Applicable

Note:

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”

Note: BHEL takes no responsibility for any delay / loss of documents or correspondence sent by courier or post. Late tenders shall be rejected outright.

The techno-commercial bid comprising (i) all its sections, (ii) all enclosures in support of various clauses and requirements and (iii) EMD, shall be duly signed and sent in a sealed envelope boldly super-scribing **“PART-I TECHNO COMMERCIAL BID FOR “Soil testing work for proposed UHV lab inside factory premises in BHEL Jhansi.** Similarly, the Price-bid must be duly signed and sent in a sealed envelope boldly super-scribing **“PART-II PRICE “Soil testing work for proposed UHV lab inside factory premises in BHEL Jhansi.”** Both these envelopes shall be placed inside 3rd sealed envelope super-scribing” duly signed and sent in a sealed envelope boldly super-scribing **“Soil testing work for proposed UHV lab inside factory premises in BHEL Jhansi.”**

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The tender shall be addressed to as follows:

Name : Vinod Kevre

Designation : Sr. DGM (CMM)

Email : kevre@bhel.in

PH : 0510 – 2770001 (EXTN 2797)

Sealed Tenders can be submitted (i) personally, (ii) by Courier/Post

If submitted personally

Tender Box

Security Control Room/Office

Administrative Building

Bharat Heavy Electricals Limited

Jhansi-284120 (U P)

Or if sent through Courier / Post

Office of

Name : Vinod Kevre

Designation : Sr. DGM (CMM)

Email : kevre@bhel.in

PH : 0510 – 2770001 (EXTN 2797)

Or if sent through email

Email Id: tenderbox.jhs@bhel.in

(Kindly do not send on any other email id of any official of BHEL)

Part-I Techno Commercial bid:

Part I of the sealed tenders alone will be opened by BHEL in the presence of tenderers who are present at the time & place of opening. A signed blank price-bid copy should be enclosed with this bid. The spaces for prices should be crossed (x).

Part-II Price bid:

The price bid should contain prices only. Price bid will be opened only for the parties who qualify in techno commercial bid.

TO BE SIGNED BY THE TENDERER

Certified that all Sections of the Tender have been read / complied & agreed to, and each page of the tender offer has been signed & stamped.

(Signature of Authorized person(s))

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

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Brief Description of Work / Scope of work

Name of work: **“Soil testing work for proposed UHV lab inside factory premises in BHEL Jhansi.”**

Scope of work shall consist of:

The scope of work shall be including but not be limited to the following:

Making 150 mm nominal diameter bore hole at various location upto required depth as per site condition maximum of 7 meter below ground level in all type of the soil including laterite/weathered soft rock using suitable approved method of boring including chesiling, cleaning, providing casing pipes as required or as directed for performing standard penetration test at every 1 m interval down to required depth (around 7 m) below ground level (starting depth 2 m from ground level) and at change of strata. Bore hole location shall be identified and shown by BHEL prior to commencement.

Conducting Laboratory test on soil samples at an approved laboratory including preparation of soil samples at every 1 m interval down to required depth below ground level (starting depth 2 m from ground level) and at change of strata to determine the following properties etc. all complete as per specification.

Atterberg limits

Dry and Bulk Density

Moisture Content

Maximum Dry Density and Optimum Moisture Content and formulation of Curves (OMC and MDD Curves)

Soil Profile and Sieve analysis

Specific Gravity and Void ratio

Direct Shear Test or Triaxial Test as applicable

Shrinkage Limit Test

Swell Pressure test

Net Safe Bearing Capacity using appropriate method

Bore Log Charts

Unconfined Compressive strength

Conducting Electrical Resistivity Test (ERT) at various locations complete as directed by the engineer-In-charge.

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

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Preparation and submission of draft report in one copy and final report in two hard copies and soft copy via email after the approval of draft report including all field records, laboratory test results, graphs, analysis of test results and suitable recommendation regarding type of foundation etc all complete as per specification etc.

All the above-mentioned work is to be carried out while following the best safety practices. Only the trained workers must be deployed for the work.

The above list is indicative and not exhaustive and shall include any other work not mentioned above but becomes important for successful completion of the entire work.

Note :-

1. It is also advised that the bidder shall visit the Jhansi plant and physically see the work area/areas in order to have visualization of the work content involved for the above works.

We hereby accepted above (Signature & seal of bidder)

Seal & Signature OF BHEL contracting authority

Qualifying Requirements

1. Copy of PAN Card to be submitted.

2. Copy of GST Registration to be submitted.

3. **Experience:** Being a small value testing job, only following agencies can participate:

1. Any Government/Semi Government institution, educational/otherwise having the adequate resources and is capable of carrying of the testing as per BHEL's requirement.

2. Any NABL accredited private testing laboratory capable of carrying of the testing as per BHEL's requirement.

3. Any private testing laboratory accredited by any other government recognised "Testing Laboratory Accrediting Agency" like ACCAB etc.

Submission of proper certificate as per above mentioned points is to be submitted along-with the offer.

4. **Turnover criteria:** Not required.

5. **EMD:** Not required.

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GENERAL TERMS AND CONDITIONS OF ENQUIRY FOR WORKS

CONTRACTS (JHS 2055C R02)

UPLOADED IN SEPERATE FILE - **PAGE NO 01 TO 14**

(To be signed by contractor and submitted along with bid)

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Blank price bid -476

Sr. No	Description	% Allocation (Item-wise)	Unit	Qty	Rate per Unit (in Rs.)	Amount (in Rs.)
1	Making 150 mm nominal diameter bore hole at various location upto required depth as per site condition maximum of 7 meter below ground level in all type of the soil including laterite/weathered soft rock using suitable approved method of boring including chesiling, cleaning, providing casing pipes as required or as directed for performing standard penetration test at every 1 m interval down to required depth (around 7 m) below ground level (starting depth 2 m from ground level) and at change of strata. Bore hole location shall be identified and shown by BHEL prior to commencement.	100.0000%	Number of Bore Holes	2.00	#VALUE!	#VALUE!
	Conducting Laboratory test on soil samples at an approved laboratory including preparation of soil samples at every 1 m interval down to required depth below ground level (starting depth 2 m from ground level) and at change of strata to determine the following properties etc. all complete as per specification.					
	Atterberg limits					
	Dry and Bulk Density					
	Moisture Content					
	Maximum Dry Density and Optimum Moisture Content and formulation of Curves (OMC and MDD Curves)					
	Soil Profile and Sieve analysis					
	Specific Gravity and Void ratio					
	Direct Shear Test or Triaxial Test as applicable					
	Shrinkage Limit Test					
	Swell Pressure test					
	Net Safe Bearing Capacity using appropriate method					
	Bore Log Charts					
	Unconfined Compressive strength					
	Conducting Electrical Resistivity Test (ERT) at various locations complete as directed by the engineer- In-charge.					
Preparation and submission of draft report in one copy and final report in two hard copies and soft copy via email after the approval of draft report including all field records, laboratory test results, graphs, analysis of test results and suitable recommendation regarding type of foundation etc all complete as per specification etc.						
Total (Excluding GST) (In Rs.)	100.0000%					XXXXX
	In words					

GST Extra

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Annexures (I-XII)

Attached below

(To be signed by contractor and submitted along with bid)

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ANNEXURE –A

DECLARATION BY BIDDER (On letter pad)

We declare that the following family firms or sister concern affiliates / subsidiary firms are participating in the tender **No - FCX/TW/24/01**

1.....

2.....

3.....

I..... , hereby declare on behalf of M/s..... and the family firms or sister concern affiliates / subsidiary firms listed above that we are not indulging in cartel formation for tender **No- FCX/TW/24/01**

Name & signature of the bidder
(Seal)

We hereby accepted above (Signature & seal of bidder)

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SOP For Implementation of Risk and Cost (TOTAL 10 PAGES)

UPLOADED IN SEPARATE FILE

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Format JS 146 - Price Bid Sheet (in a separate envelope)

UPLOADED IN SEPARATE FILE

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