



BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

ELECTRICAL MACHINE REPAIR PLANT

Plot No. D-1, Cross Road 'C', Road No.16, MIDC, Andheri (East), MUMBAI – 400 093

[2835 8706 Fax No. 022-28231161/28364587], vphoro@bhel.in; hr.emrp@bhel.in

NOTICE INVITING TENDER

NIT No. BHEL/EMRP/HR/22-23/SA

BHEL, EMRP, Mumbai invites sealed tender in Two Part viz Part A “Techno-Commercial Bid” and Part B “Price Bid” from competent bidders who fulfill the qualifying criteria contained in the tender documents:

Name of work	For carrying out structural stability test and submission of report/certificate as per Pro-Forma B of MCGM
Due date & time of bid submission	On or before 27.05.2022 up to 1400 Hrs
Due date & time of bid opening	27.05.2022 1430 Hrs onward

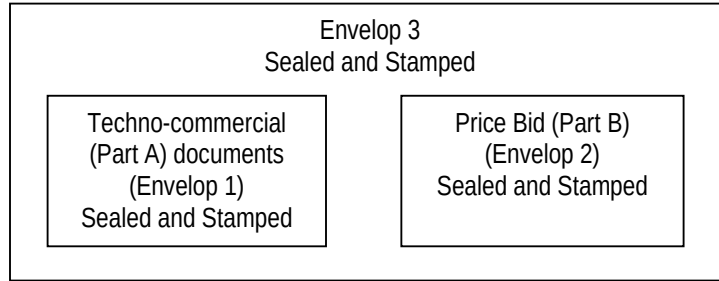
1. Tender can be down loaded from our website www.bhel.com
2. All subsequent corrigendum/amendment shall be hosted only on website. Hence, bidders are advised to always be in touch with our said website until the tender is finally opened.
3. For detail, refer tender documents.
4. The offers of the bidders who are on the banned list shall be rejected. The list of banned firms is available on BHEL website www.bhel.com.
5. MSME/NSIC registered vendor can avail the indented benefits only if they submit proper documents (registration certificate) with due validity as on date of opening of tender.
6. The bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

Dy Manager (HR&IT)
Phone no.: 022-2835 8706

BHARAT HEAVY ELECTRICALS LIMITED, ELECTRICAL MACHINES REPAIR PLANT having its Factory and Administrative Block over a plot of approx. 1 Acre invites offer for carrying out structural stability test and submission of report/certificate. The establishment was set up in 1976-77 and at present we are having approx. 40,500.00 sqft of built up area.

Address: - BHARAT HEAVY ELECTRICALS LIMITED ELECTRICAL, Plot NO. D-1, MIDC, Andheri (East), MUMBAI – 400093

1. SCOPE OF WORK - To carry out structural audit of our building situated at mentioned address in accordance with the provisions of Mumbai)
 1. Surveying the premises from the inside & outside i.e. each & every premises to be surveyed to get a proper idea of its present structural condition. This physical survey will be carried out with hammer tapping on the RCC Members to ascertain the degree of distress.
 2. Identifying and noting allied problems pertaining to leakages & Seepages & any Additions/Alterations carried out in the premises (which may be detrimental to the present health of the structure).
 3. Identifying the nature of damages, extent of damages and its severity.
 4. Carrying out NDT Test and other tests as indicated below at required locations –
 1. Ultrasonic pulse velocity Test
 2. Rebound Hammer Test
 3. Half Cell Potential Test
 4. Carbonation Depth Test
 5. Core Test
 6. Chemical analysis
 7. Cement aggregate ratio
 5. Analyzing various defects observed, identifying the likely causes of all such damages.
 6. Finally suggesting remedial measures, detailed scope of work along with tentative cost of repair to be adopted to restore the Structural health of the presently diseased Structure with a view to enhance its Structural Stability and Durability as per the priorities required.
 7. Submitting detailed Survey Report as per Pro-forma 'B' containing observations, suggestions, recommendation and photographic log. Municipal Corporation Act (Latest Version), the same shall also be included in this NIT. Since we don't have any structural drawings and design documents, the bidders are advised to visit our premises for correct assessment of scope of work before submission of their offer. Any subsequent claim on this account. shall not be entertained.
2. PROCEDURE FOR SUBMISSION OF BIDS.
 1. Vendors shall submit their sealed offers in Two Part Bid system i.e. Part "A" Techno –Commercial Bid and Part "B" Price Bid.
 2. The Techno-Commercial Bid - Part "A" shall consist of techno-commercial documents.
 3. Price Bid (Part "B") shall be kept in a separate sealed Envelope 3.
 4. All these two envelope (Envelope 1 & Envelope 2) duly sealed and marked with envelope no., NIT No. with due date and subject should be kept in a large cover by marking as Envelope 3 with all aforesaid details on top of the cover.



5. The Bid is required to be submitted by post/courier/hand in tender box located at BHEL EMRP, Plot No. D-1, MIDC, ANDHERI (E), MUMBAI 400093 on or before due date and time.
6. Part "A" Techno-Commercial Bid (Envelope 1): -
The following documents are to be submitted along with Techno- commercial bid –
 1. Signed and Stamped NIT Documents.
 2. No Deviation Certificate as per Annexure "A".
 3. Certificate for Over Writing / Erasure / Corrections as per Annexure "B".
 4. Declaration by the bidder as per Annexure "C & D".
 5. Copy of valid structural license of engineer/auditor issued by MCGM. Certificate of the firm in letter head with registration details.
 6. Copy of PAN Number.
 7. Copy of GST Registration Certificate.
 8. Special Note: - Copy of Un-Priced Price Bid (Part B) as per Annexure "E" – duly marked as "QUOTED" against all the items with conditions if any. PI note this documents shall not contain any price, only applicable taxes to be mentioned.
 9. Bank Details (NEFT Bank Mandate Form) as per Annexure "F".
 10. Signed and Stamped copy of latest edition of Pro-Forma B by MCGM.
7. Part "B" Price Bid Annexure "E" (Envelope 2):
 1. Bidder shall submit price bid with price in a separate sealed cover duly filled in as per Price Schedule enclosed with the NIT.
 2. The Tenderer should accept all terms & conditions of the tender unconditionally. In case the Tenderer wants to deviate from the tender conditions, such deviations shall be clearly specified in his tender. If no deviations are given in tender submitted, it will be assumed that the Tenderer accepts all terms and conditions of the tender. **Tenders with deviations from terms and conditions are likely to be rejected.** The tender(s) should reach the under mentioned on or before the due date & time. BHEL will not be responsible for delay in receipt of tender(s), sent by post / courier to the below mentioned address. The same shall be opened on scheduled due date and time. Tenderers may provide their e-mail ID for faster communication in respect of the above. Any corrigendum to this tender, if issued by BHEL in future, shall be uploaded on the BHEL website (www.bhel.com). Therefore, the bidders are advised to keep visiting the websites regularly. Any clarification, if required, should be sought from the undersigned.

Vimlanshu Prawal Horo
Dy. Manager (HR)
Bharat Heavy Electricals Limited
MIDC, Andheri (E) - 400093.
Phone No.: 022 - 28358706
E-mail: vphoro@bhel.in



3. Offer should be submitted strictly as per above procedure. Any deviation in above mentioned terms and condition or conditional offer shall be treated as invalid and can be rejected summarily and price bid of such bidder shall not be opened.
4. BHEL will not be responsible for the postal delay under any circumstances for non-receipt of Tenders / submission of filled in tender document by due date & time.
5. Tenders received after due date & time are liable to be rejected.
6. No overwriting / correction in the Price Bid by the bidder shall be allowed. However, if correction is unavoidable, the same must be duly signed by authorized signatory.
7. Bidders shall ensure completeness and submit duly filled checklist as per Annexure J.

2. GENERAL TERMS AND CONDITIONS

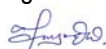
1. Any dispute arising out or any officer nominated by him, and arbitration proceedings shall be conducted in accordance with the Arbitration & Reconciliation Act 1996. The award of the Arbitrator
2. shall be final and binding on the parties. The Arbitration proceedings shall be held at Mumbai only. Any officer nominated by him, and arbitration proceedings shall be conducted in accordance with the Arbitration & Reconciliation Act 1996. The award of the Arbitrator shall be final and binding on the parties. The Arbitration proceedings shall be held at Mumbai only. The work is to be carried out inside of the factory premises. The bidder should visit the site in order to ascertain the extent of work, difficulties at site etc. Any claim subsequent to submission of tender on this account shall not be admitted.
3. The written acceptance by BHEL will constitute a binding agreement between the parties whether formal contract is or is not entered into.
4. Safety Measures: The operations are to be organized by taking all safety precautions. BHEL shall not be responsible for any cost & consequences resulting from non-compliance of safety measures. Contractor shall indemnify the BHEL against any such dereliction/penal action.
5. The Contractor shall be solely responsible to comply with all statutory rules and regulations prevailing for carrying out activities under scope of work and absolve BHEL for any legal action taken by the Statutory Authority for non-compliance of the same.

3. COMMERCIAL TERMS AND CONDITIONS:

1. Price: Price should be quoted inclusive of all taxes & duties and incidental charges for carrying out job as defined in scope of work excluding GST. GST is to be indicated separately and the same shall be paid at actual at the time of billing.
2. Amount to the extent of 10% shall be included in payable fees arrived on the basis of actual built-up area towards ND Test and Other Tests. However, for carrying out different tests beyond this permissible limit, the payment shall be made on the basis of rates quoted separately towards different type of tests.

4. PAYMENT TERMS:

1. 100% payment shall be made only after completion of entire scope of work as per NIT on the basis of actual built up area duly measured as per standard norms.
2. Applicable GST shall be paid extra as per prevailing rules and Income Tax shall be deducted and a certificate shall be issued to this effect.
3. The Payment shall be made within 30 days after submission of invoice in duplicate along with all relevant documents. The payment shall be made through electronic mode and for availing this facility the successful bidder shall be required to submit their bank details along with invoice.
4. Bid Evaluation Criteria: Bid shall be evaluated only on the basis of lowest price arrived by multiplying per sqft rate with indicated built up area including all taxes & duties and other incidental charges but excluding service tax.



5. Validity: Offer should be valid for a period of 90 days for consideration from the date of opening of the offer.
 6. Completion of assigned job: The entire job as indicated in scope of work should be completed within 3 weeks from the date of placement of order.
 7. Penalty for Delay: In case of delay in performing the job within time limit as stated above a penalty @ 0.50% per week of delay and pro-rata shall be imposed subject to a maximum limit of 10% of the contract value.
5. INFRASTRUCTURE SUPPORT: Following facilities shall be provided free of cost by BHEL
1. Water & single phase electricity excluding lead wires and flood lights at the locations of testing.
 2. Small office with Tables, Chairs, etc. to keep the instrument.
 3. Free access to the test points excluding erection of stable scaffolding wherever required.
 4. Entry & Exit of personnel in the premises on all days including holidays.
6. RISK PURCHASE: in case contractor fails to adhere to the agreed schedule for completion of work or fails to comply with the terms & conditions of the contract, BHEL reserves the right to source such remaining work/services from any other agency at the risk and cost of the contractor. The cost of such work/services along with 25% over head charges shall be recovered from the due payments to contractor in any of the BHEL Unit. In event of no amount being out standing from BHEL, the contractor shall be liable to pay to BHEL the above amount immediately on demand. The decision regarding applying risk and purchase clause from BHEL shall be final and binding.
7. FORCE MAJEURE: The following shall amount to force majeure conditions: Acts of God, act of any Government, War, sabotage, riots, civil commotion, police action, revolution, flood, fire, cyclone, earthquake and epidemic and other similar causes over which the contractor has no control. If the Contractor suffers delay in the execution of the Contract, due to delay caused by force majeure conditions, as defined above, the agreed time for completion of the work covered by this contract shall be extended by a period of time equal to the period of delay. Provided the Contractor immediately reports to BHEL in writing the causes for the delay. The Contractor shall not be eligible for any compensation on account of any extension in time of completion given to Contractor due to force majeure conditions.
8. Please sign the duplicate copy of this enquiry as a token of acceptance of the terms and conditions.

Yours faithfully,
For Bharat Heavy Electricals Ltd.



Vimlanshu Prawal Horo
Dy Manager (HR&IT)



NO DEVIATION CERTIFICATE

We hereby accept and agree to all Techno – Commercial & General terms & conditions given in the tender enquiry no. Ref: BHEL/EMRP/HR/22-23/SA without any deviation.

Signature and seal of the contractor

CERTIFICATE FOR OVER WRITING / ERASURE / CORRECTIONS

(Please do not sign this certificate if there is no Overwriting / Erasure / Corrections)

Correction / Overwriting / Erasures in the tender enquiry No. Ref: BHEL/EMRP/HR/22-23/SA has been noted and the same is endorsed and signed by me.

Signature and seal of the contractor

DECLARATION

a.) We declare that, we do not have any employees who are related to any officer of BHEL.

b.) We have the following employee working with us who are relatives of BHEL employees.

Name of the employee of BHEL

Name and designation of employee with the contractor

- 1.
- 2.
- 3.
- 4.

DATE:

PLACE:

Signature and seal of the contractor

DECLARATION

The tenderer is required to state whether he is any relative of any director of BHEL or the tenderer is a firm in which any director of BHEL is a partner.

1. Name of the contractor / and
his relation with the director
in BHEL
2. Name of the director of BHEL
who is related to the contractor firm
3. Name of the director of BHEL
who is a member or a director
of the firm/contractor.

DATE:
PLACE:

Signature and seal of the contractor

PRICE BID

Particulars	Appx built up area	Unit	Rate offered (excl gst/taxes)
Preparation of structural audit report/certificate by carrying out physical survey and required non-destructive test and other test compliant to provisions of Mumbai Municipal Corporation Act Latest version for onward submission	40500	Sqft	
Note – Amount to the extent of 10% shall be included in payable fees arrived on the basis of actual built up area toward ND test and other test. However, for carrying out different tests beyond this permissible limit the bidder is required to indicate their rates separately as below			
Type test	Quantity	Unit	Rate offered (excl gst/taxes)
a) Ultrasonic pulse velocity Test		Per no	
b) Rebound Hammer Test		Per no	
c) Half Cell Potential Test		Per no	
d) Carbonation Depth Test		Per no	
e) Core Test		Per no	
f) Chemical analysis		Per no	
g) Cement aggregate ratio		Per no	

Note: -

1. Rate should be quoted excluding gst/taxes. gst/taxes shall be extra as per actuals.
2. Price should be inclusive of all test inclusive of all requirement enlisted in Pro-Forma-B of MCGM.

Signature and Seal of the bidder



ANNEXURE F

INFORMATION OF BANK ACCOUNT

1		NAME OF ORGANISATION	
2		MAILING ADDRESS	
3		TELEPHONE NO.	
4		EMAIL ID	
5		PAN NO.	
6		GST NO.	
7		ACCOUNT NUMBER	
8		IFSC CODE OF THE BANK BRANCH	
9		MICR CODE OF THE BANK BRANCH	
10		ACCOUNT TYPE	
11		NAME OF THE BANK	
12		NAME OF THE BRANCH	
13		BANK ADDRESS	
14		TELEPHONE NO.	
15		BANK EMAIL ID	

(AUTHORIZED SIGNATORY)

*** We hereby confirm that the above bank account details of the beneficiary are correct in all respect.

(Name of Bank Branch Stamp)

Authorized signatory

Annexure-2
PROFORMA 'B'

Note: To be filled by structural Engineer/ Auditor appointed by owner/
tenants/occupiers.

	Sub:-	
	Name of Consultant :	
1	Name of Bldg./ Address	
2	CTS No./Ward/ UID	
3	No. of Storey	
4	Year of Construction and age of building	
5	User Department	
6	Date of Inspection by consultant	
7	Date of preparation of Report	
8	Validity Period of report (should be minimum six months)	
9	Mode of construction of existing Bldg.	
i	Foundations	
ii	Floors	
iii	Walls	
iv	Beams	
v	Columns	
vi	Roof	
10	History of Repairs done year-wise- (a) Slab recasting (b) Column jacketing	
i	Structural Repairs	
ii	Tenantable Repairs	
iii	Roof/Waterproofing	
iv	Plumbing	
v	Additional/Alterations if any	
11	Condition of –	
i	Internal plaster	
ii	External plaster	
iii	Plumbings	
iv	Drain lines/chambers	
12	Observations-	
	a) Doors & windows don't close	
	b) Columns & steel exposed	
	c) Settlement uneven flooring gaps between and skirting & floor	
	d) Foundation settlement	
	e) Deflections/sagging	
	f) Major cracks in column/beams	
	g) Seepage/Leakages	
	h) Staircase area/Column condition	
	i) Lift walls	

	j) U.G.Tank		
	k) OHT/Column condition		
	l) Parapet at terraces		
	m) Chhajjas		
	n) Common areas		
	o) Toilet blocks		
	p) Terrace/Water proofing		
	q) Vegetation		
13	Test carried out on structure/ observations	Findings	Range as per IS code
	NDT	a) Ultrasonic pulse velocity Test	
		b) Rebound Hammer Test	
		c) Half Cell Potential Test	
		d) Carbonation Depth Test	
		e) Core Test	
		f) Chemical analysis	
		g) Cement aggregate ratio	
14	Distress Mapping Plan & photographs with caption below about description of structural member and its location, video shooting.		
15	Brief Description of repairs to be done		
	a) Water Proofing		
	b) External Plaster		
	c) Structural repairs		
	i. Column jacketing		
	ii. Slab recasting		
	iii. RCC cover to be replaced		
	iv. Beam recasting		
	d) Partial Evacuation during repairs needed		
	e) Propping		
16	Conclusions of Consultants -	Observations	Key reason
i	Whether structure is livable/or whether it is to be evacuated and pulled down		
ii	Whether structure requires tenantable repairs/Major structural repairs & its time frame		
iii	Whether structure can be allowed to occupy during course of repairs		
iv	Nature/Methodology of repairs		
v	Whether structure requires immediate propping. If so, its propping plan /methodology given		
vi	Whether other immediate safety measures required- What is specific recommendation?		
vii	Enhancement in life of structure after repairs/frequency of repairs required in extended		

	life period.		
viii	Projected repair cost/Sq. ft.		
ix	Projected reconstruction cost/Sq.ft.		
x	Specific remarks, whether building needs to be vacated/demolished/ repairable		
xi	Whether structure in extremely critical condition		
17	Critical Observation		
18.	Classification of Bldg. -	Category	Auditor's final conclusion

Additional Remarks/ Recommendations, if any.

Signature

M/s.
Structural Auditor:
Name & Address
Reg. no/ license no.

Classification of Bldg. -	Category
To be evacuated /demolition immediately	C1
To be evacuated and/or partial demolition requiring major structural repairs	C2-A
No eviction only structural repairs.	C2-B
No eviction needs minor repairs only	C3