



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Limited

(भारत सरकार का उपक्रम / A Government of India Undertaking)

CIN: L74899DL1964GOI004281

पावर सेक्टर पूर्वी क्षेत्र / Power Sector Eastern Region

भेल भवन, प्लॉट सं. - डी जे - 9/1, साल्ट लेक सेक्टर-II, कोलकाता - 700091, फोन 03323398000

BHEL Bhawan, Plot No. DJ- 9/1, Salt Lake Sector- II, Kolkata - 700091 Phone: 033-23398000

WBPDC, Sagardighi Thermal Power Project STAGE III (1X660 MW, Unit. 5) P.O.: Monigram, Dist.: Murshidabad, W.B.PIN: 742237

Ref No. BHEL: PSER: SGD: CVL:Grouting:NIT:02

Date:18/06/2025

To,

Sub.: Notice Inviting Tender (NIT) for Grouting works in UFM Pit to arrest water seepage in pit located in main plant area at 1X660 MW Unit-5 Sagardighi Extension Project, BHEL-SAGARDIGHI Site

Dear Sir,

Sealed offers are invited in two parts bid system from reputed & experienced bidders for the subject job by the undersigned on behalf of BHARAT HEAVY ELECTRICALS LIMITED, Sagardighi site as per tender document. The offers are to be submitted latest by 19.06.2025 (12:00 hrs) in BHEL, PSER, Sagardighi Site Office, Monigram, Murshidabad (West Bengal) and the same will be opened on 19.06.2025 at 17:00 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

18.06.25

A.K. DAS CHOWDHURY
AGM

Bharat Heavy Electricals Ltd.
PSER Sagardighi Site 1X660 MW
Murshidabad (WB)

Encl. NIT (Vol-I & II), & Price Bid (Vol-III)



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VOLUME-I

GENERAL INSTRUCTIONS TO TENDERERS

1.0 Tender specification as a whole, duly furnishing the following details, shall be duly signed and sent in a sealed cover super scribing tender no and name of job at 1X660 MW BHEL, Sagardighi site.

SALIENT DETAILS OF NIT		
SL	ISSUE	DESCRIPTION
1.0	TENDER NO.	BHEL: PSER: SGD: CVL:Grouting:NIT:02
2.0	NAME OF JOB	Grouting works in UFM Pit to arrest water seepage in pit located in main plant area at 1X660 MW Unit-5 Sagardighi Extension Project, BHEL-SAGARDIGHI Site
2.0	DUE DATE OF SUBMISSION	19-06-2025 UPTO 1200 hrs.
3.0	DUE DATE OF TENDER OPENING COVER NO. I (Techno-Commercial Bid) of tender	19.06.2025 at 1700 hrs.
4.0	DUE DATE OF TENDER OPENING COVER NO. II (Price Bid) of tender	19.06.2025 at 1800 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

2.0 The offer shall be submitted as per instruction of tender document. One set of tender documents signed by authorized representative of bidder and stamped on each page shall be submitted as detailed further. Bidder to note specifically that all pages of tender documents shall be submitted by them (after signing and stamping on each page) as a part of their offer. **Price shall not be mentioned by them anywhere in the techno-commercial offer. It shall be mentioned in the relevant price schedule only and submitted in separate sealed envelope.** In case of any clarification, bidder may contact this office.





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2.1 The offer shall be sent in two separate sealed envelopes Contained Single Separate Envelope as under:

COVER NO	SHALL CONTAIN FOLLOWING
COVER-I (TECHNO-COMMERCIAL BID)	One original copy of each of following should be submitted by the bidder: a) Covering letter of offer (in bidder's letterhead) b) Techno-Commercial Bid (signed copy of NIT/ Enquiry) c) Price schedule / Rate schedule - Unpriced but mentioning only quoted / unquoted against each item of price bid/Schedule format (Volume-III) d) No deviation certificate in bidder's letterhead as per format given at annexure - I . e) Photocopy of PAN card (Self attested) is to be submitted f) Photocopy of GST certificate (Self attested) is to be submitted g) PF registration details
Cover -II (PRICE BID/SCHEDULE)	a) Copy of covering letter given in Cover-I : 1 Photo Copy/ Original b) Complete price offer in line with prescribed price schedule [Volume-III] duly filled in all respect and signed by the Bidder

The Tenderer should be addressed to:

The 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 "REGISTERED POST WITH ACKNOWLEDGEMENT". Tenders received after due date is liable to be rejected. Tender papers may also be submitted by hand delivery or by COURIER SERVICE or deposited directly in the BHEL OFFICE at BHEL Sagardighi site (1x660MW).

4.0 Price bids of techno commercial qualified bidders shall be opened by the authorized officials(s) of BHEL at their office at the time and date mentioned in this document or shall be intimated by BHEL, in the presence of bidders or their authorized representative(s) who wishes to be present.

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A.K. DAS CHOWDHURY
AGM

पंजीकृत कार्यालय : बीएचईएल हाउस, सिरी फोर्ट, नई दिल्ली - 110049 | फोन: 011-66337598 | ईमेल : contactus@bhel.in
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5.0 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. Last date and time of seeking such clarification is 18.06.2025 by 15.00hrs.

6.0 The tenderers must furnish all the required information as per the instructions given in various sections of the tender specifications. Each and every page of the tender specification must be signed and submitted along with the offers by the tenderers as a token of complete acceptance thereof. The information furnished shall be completed by itself.

7.0 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.

8.0 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 of work:

- Grouting works in UFM Pit to arrest water seepage in pit located in main plant area at 1X660 MW Unit-5 Sagardighi Extension Project, BHEL-SAGARDIGHI Site.

Contract period:

The entire work under the above scope of work shall be completed within 15 (Fifteen) Days from date of issue of work order

Price Variation Compensation/Over Run Charges: Not applicable

Rejection of Tender:

BHEL reserves the right to accept or reject any or all Offers without assigning any reasons thereof. BHEL also reserves the right to cancel the Tender wholly or partly without assigning any reason thereof. Also BHEL shall not entertain any correspondence from bidders in this matter. No deviation from the tender specification shall be acceptable to BHEL.

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A.K. DAS CHOWDHURY
AGM

Bharat Heavy Electricals Ltd.
PSER Sagardighi Site 1X660 MW
Murshidabad (WB)

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Registered Office: BHEL HOUSE, Siri Fort, New Delhi - 110049 | Phone: 011-66337598 | E-mail: contactus@bhel.in

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Date:18/06/2025

Rights of BHEL:

BHEL reserves the following rights in respect of this contract without entitling the sub-contractor for any compensation.

- To get the work done through other agency at the risk and cost of the contractor in the event of contractor's failure to perform the work and to recover compensation for such losses from contractor including BHEL's supervision charges and overheads from Security Deposit/other dues.
- To withdraw any portion of work and or to restrict/alter the quantum of work as indicated in the contract during the progress of work and get it executed through other agency and or by departmental labour to suit BHEL or in case BHEL decides to advance the date of completion due to other emergency reasons.
- To terminate the contract after due notice, forfeit Security Deposit and recover the loss sustained in getting the balance work done through other agencies in addition to liquidated damages/penalty in the events of followings:
 - ✓ Contractor's continued poor performance brought to the notice from time to time
 - ✓ Withdrawal from or abandonment of the work before completion of the contract.
 - ✓ Corrupt act of Contractor
 - ✓ Insolvency of the Contractor
 - ✓ Persistent disregard to the instructions in writing of BHEL
 - ✓ Assignment transfer, subletting of the contract without BHEL's written permission

Terms of payment:

Payment will be released 100% by BHEL as per certification by BHEL engineer within 30 days from the date of receipt of invoice along with duly maintained logbook as advised by BHEL along with measurement sheet jointly signed by BHEL representative.

Security Deposit: Not applicable.

Liquidated Damages/ Penalty:

If the contractor fails to maintain the required progress of work which results in delay in the completion of the work as per the contractual completion period, BHEL shall have the right to impose Liquidated Damage/Penalty at the rate of 0. 5% of the contract value, per week of delay or part thereof subject to a maximum of 10% of the contract value.

General Conditions:

- Labour license and group insurance of the workmen employed by the contractor and other statutory requirements shall be complied, as applicable, by the contractor.
- Arranging gate passes is in the contractor's scope, however BHEL shall provide necessary supports if required.

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A.K. DAS CHOWDHURY
AGM

Bharat Heavy Electricals Ltd.

PSER Sagardighi Site 1X660 MW

Murshidabad (WB)

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- All material, T&Ps required to execute the job, manpower, supervision etc. required for timely execution of work under this contract shall be provided by the contractor at his own cost.
- The Contractor shall be responsible for safety of his workmen, materials and equipment deployed at site
- Bidders to note that the price shall be quoted in figures and in words in the schedule of works (BOQ) attached.
- This contract shall also be governed by the standard General Condition of Contract (GCC) of BHEL, a copy of which is available in BHEL office for familiarization of the contractor and the Contractor is supposed to go through the same, failing which it will be presumed that the contractor accepts all the conditions.
- Tenderers are advised to visit the site and get acquainted personally with the work. General information given above are to briefly guide the vendor to quote the most competitive rate and shall not relieve the contractor in assessing the actual quantum of work involved in the scope of work. The tenderer shall submit their offer in sealed envelope.
- All labour rules, factories act, statutory requirements to be strictly adhered by the contractor.
- BHEL may terminate this contract at any time by informing the vendor by giving notice for a period of one month and without assigning any reasons whatsoever. In such case no payment will be given for the balance period of contract including period of unsatisfactory services, if any
- Prevailing BHEL HSE norms shall be strictly adhered by the contractor.

A.K. DAS CHOWDHURY

AGM

Bharat Heavy Electricals Ltd.
PSER Sagardighi Site 1X660 MW
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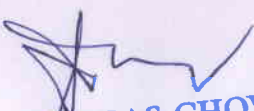
Ref No. BHEL: PSER: SGD: CVL:Grouting:NIT:02

Date:18/06/2025

VOLUME - II

PREAMBLE

- 1.0 This preamble forms part of the tender document and schedule of items. The tenderer should read this preamble carefully before filling up the rates for various items. Clauses of this preamble shall be read in conjunction with GCC and other terms of the tender document and shall have precedence over any contrary statement mentioned anywhere in the above documents.
- 2.0 The work shall be carried out as per specifications, descriptions of the items in the schedule and or as per engineer's instructions.
- 3.0 Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards supply of materials including consumables, labour & other misc. elements that may be required for carrying out the job including transport, layout, rectification, maintenance till handing over, supervision, overheads, profits etc. including all incidental items complete.
- 4.0 The quantities of the various items mentioned in the BOQ cum price schedule are approximate, based on very preliminary information and may vary to any extent or be deleted altogether. The quoted rates of each item will remain firm throughout the period of execution including extension, for reasons whatsoever, as long as variation in the total value of the work executed under any part of this contract including extra items, if any, remains within +/- 30 % (Thirty percent) of the awarded price as per LOI / WO.
- 5.0 The rates shall be quoted both in figures & words in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned and in case of illegibility, the interpretation of engineer shall be final. All entries shall be in English. The rates quoted are inclusive of all taxes and duties, extra GST.
- 6.0 The tenderer shall be deemed to have studied detailed specifications and terms & conditions of the tender.
- 7.0 Engineer's decision shall be final & binding on the contractor regarding clarification of items in the schedule with respect to other terms & conditions of the contract.


A.K. DAS CHOWDHURY
AGM
Bharat Heavy Electricals Ltd.
PSER Sagardighi Site 1X660 MW
Murshidabad (WB)

NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

To

The Project Director
BHEL, Sagardighi site
1X660 MW, Sagardighi TPEP,
Sagardighi, Murshidabad

Sub: No Deviation Certificate.

Job: Grouting works in UFM Pit to arrest water seepage in pit located in main plant area at 1X660 MW Unit-5
Sagardighi Extension Project, BHEL-SAGARDIGHI Site

Ref:

1. BHEL's Tender Notice No. Ref No. BHEL: PSER: SGD: CVL: Grouting: NIT:02 Date:17/06/2025.
2. All other pertinent issues till date.

Dear Sir,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred tender notice. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable).

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted/uploaded offer/documents in accordance with tender instructions with acceptance of the terms & conditions of the tender by us and as per aforesaid references.

Thanking you,

Yours faithfully,



18.06.25

A.K. DAS CHOWDHURY
AGM
Bharat Heavy Electricals Ltd.
PSER Sagardighi Site 1X660 MW
Murshidabad (WB)

(Signature, date & seal of authorized
representative of the bidder)

VOLUME-III

Price Bid

JOB: Grouting works in UFM Pit due to water seepage in pipe and concrete joints in main plant at 1X660 MW Unit-5 Sagardighi Extension Project, all complete as per instruction of BHEL engineer-in-charge

Ref No. BHEL: PSER: SGD: CVL:Grouting:NIT:02 Date:18/06/2025

Sl. No.	Description of item	Unit	QTY	Rate (Rs.)	Amount (Rs.)
				in Figures	in Figures
1	Surface preparation: The concrete surface has to be clean thoroughly by removing the debris and mortar droppings, loose particles and any other foreign materials which may affect the adhesion, the further treatments with the mother plastered surface. Hacking the surface by mechanical means for better bond of the treatment with mother surface.				
B	Drilling & Packer fixing	SQM	115		
2	Providing & Fixing SteelPackers- including drilling holes, on the concrete surface where the treatment to be carried out and at an offset of around 5m and above from the observed leakage locations and at an angle of approx. 45° to intercept the leak path inside the concrete. The drilled holes shall then be cleaned by air pressure and water to flush the injection port to clean all dust and dirt. Non-corrosive Aluminium or Schlag injection Packers of size 12 mm x 100 mm with NRV arrangement shall be fixed (expandable type) and tightened properly in the injection port holes. cleaning with Compressed Air, sealing leak paths, removing packers after injection, grinding etc. complete. As per Specification and instructions of engineer in-charge.	EACH	225		
C	Elastomer PU injection Resin for sealing live leakages through cracks or weak areas on surface				
3	Supply of PU resin injection grout 2k Nitofill PU 23R solvent-free semi-flexible polyurethane	Kg	150		
4	Application Cost : Injecting low-viscosity, rigid sealing, and strengthening injection for cracks, joints, and cavities in structural and civil engineering under wet, water-bearing, and high-pressure	Kg	150		
5	Injecting high strength free flow Cementitious grout admixed with non- shrink compound as per manufacturer's specifications after fixing 12- 15mm dia pvc or GI nozzles @ 750mm c/c at all the construction joints and cracks, removing the nozzles after curing for at least 03 days & close the positions of nozzles with polymer modified mortar etc complete as per requirement only.	EACH	25		
6	Coving at all the wall slab junctions to be done for a size of 50mm X 50mm with polymer modified mortar prepared by mixing 50 kg cement + 150kg Sand + 4Litre of Sika Latex Power+ Water required for mortar consistency	RM	20		
Total					

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