

BHARAT HEAVY ELECTRICALS LIMITED

POWER SECTOR- EASTERN REGION

WBPDC, Sagardighi Thermal Power Project, STAGE III (1x660 MW, Unit. 5)

P.O.: Monigram, Dist.; Murshidabad, W.B.PIN: 742237

NOTICE INVITING TENDER

Ref: Tender Notice No. PSER:SDG:CVL:TWT-GROUT:2026-27:03/2594, DATED 04-07-2026

Sub: Engaging an agency for Cementous & Polyurethane (PU) Injection Grouting work including surface preparation in Twin Wagon Tippler at 1X660 MW Unit-5 Sagardighi Extension Project, BHEL-Sagardighi Site.

Sealed offers are invited for the subject job by the undersigned on behalf of Bharat Heavy Electricals Limited as per the terms and conditions detailed herein.

Following points relevant to the tender may please be noted and complied with:

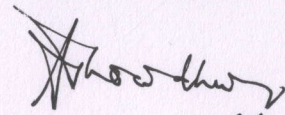
- Details of tender documents:
 1. Annexure A – Preamble
 2. Annexure B – Technical conditions of contract
 3. Annexure C – No Deviation Certificate
 4. Annexure D – BOQ Cum Rate Schedule
- Date & time of issue of tender document: 10:AM on 05-07-2026.
- Last date of submission of offer: **3:00 PM on 08-07-2026**
- Cost of tender document: Nil
- Earnest money deposit and Security deposit: Not applicable
- Bidder must take the print of all pages of NIT, Price Schedule Enclosed in mail, put the signature and seal on every page of NIT and fill the price schedule in prescribed format of Price schedule and must be signed by your authorised person with company seal.
- The offers shall be submitted through E-mail to the following mail IDs only:
SKRABIDAS@BHEL.IN, KCDAS@BHEL.IN

COVER NO.	SHALL CONTAIN THE FOLLOWING
Cover No. – I (Techno Commercial Bid)	a) Covering letter of offer b) Copy of tender document duly signed on each and every page by the bidder. c) Copy of PAN card d) No deviation certificate signed by the bidder e) GST registration details f) Un-priced rate schedule duly signed by the bidder
Cover No. - II	a) Copy of covering letter given in Cover-I b) Duly filled in rate schedule/price schedule 2 copies (01 original + 01 copy)
Note: Above two separately sealed covers shall together be enclosed in a third cover (Cover No -III). All the three sealed covers shall clearly be superscribed with COVER NO., NAME OF THE JOB, TENDER NOTICE NO. AND DUE DATE OF SUBMISSION Offers along with the documents submitted shall be signed and stamped in each page by your authorized representative. The Tender 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	

- Since the work shall be executed at BHEL Sagardighi site office, 1X660 MW Sagardighi TPP, Sagardighi, Murshidabad, bidders must get acquainted with the prevailing site conditions before quoting.
- For any clarification on the tender document, bidder may seek the same in writing through mail within **07-07-2026 by 5:00 PM** failing which no further clarification shall be entertained.
- 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.
- Date and time of opening of Cover No. I (Techno-Commercial Bid) of tender: **5:00 PM on 08-07-2026.**
Notes: (1) In case the due date of opening of tender becomes a non-working day, tenders shall be opened on next working day at the same time.
(2) Bidder may depute representative to witness the opening of tender.

- In case BHEL decides opening of tender to be 'Public Opening' and in such a case, one authorized representative of the bidder shall be allowed to attend.

For and on behalf of
BHARAT HEAVY ELECTRICALS LTD.-PSER



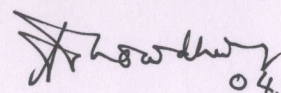
04.07.26

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

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 in this schedule are approximate and may vary to any extent or may be deleted altogether. The rate quoted against each item of the schedule shall remain firm till the contract value remains within "+" or "-" 15%.
- 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, etc.
- 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.

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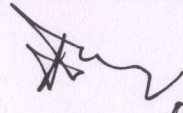
Bharat Heavy Electricals Ltd.
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ANNEXURE-B

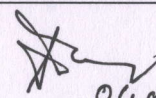
Ref: Tender Notice No. PSER:SDG:CVL:TWT-GROUT:2026-27:03/2594

DATED 04.07.2026

SL. No.	TECHNICAL CONDITION OF CONTRACT
1.0	SCOPE OF WORK: Cementous & Polyurethane (PU) Injection Grouting work including surface preparation in Twin Wagon Tippler at 1X660 MW Unit-5 Sagardighi Extension Project, BHEL-Sagardighi Site.
1.1	BIDDER'S SCOPE: - The Following shall be under the scope of successful Bidder: a) Bidder has to obtain all statutory compliances including gate passes as required for working at project site. b) Bidder has to maintain at site, suitable number of supervisors, as may be required, for taking care of statutory compliances including payment to workers on regular / monthly basis, etc. c) Bidder has to bear the cost on account of food, cooking & eating utensils etc. for the deployed manpower within the quoted rates. d) All PPE Kits such as safety helmet, safety shoes, safety jacket, gloves, lifelines, fall arrestor ropes, guy ropes etc. shall be provided by the agency within the quoted rates. e) All T&Ps like drilling machine, suitable mechanical gun /pump pipes /nipples (Aluminium /PVC), grouting chemical of approved brand viz. CEBEX-100 (Fosroc), Nitofill PU 11R (Fosroc), Nitofill PU 23R (Fosroc), Nitofill AC 32F, etc. shall be provided by the agency within the quoted rates. f) Minimum 01 (One) no. Epoxy Pressure Grouting machine, 01 (One) no. Cement Pressure Grouting machine and 03 (Three) nos. drill machine should be mobilized by the bidder.
1.2	BHEL SCOPE /FREE ISSUE MATERIALS: - The following shall be provided by BHEL free of cost: a) Cement, Sand, Stone aggregate shall be provided by BHEL at free of cost at site. b) Construction power supply shall be provided by BHEL near to work site on free of cost basis. However, cable & required accessories for drawing the power connection shall be arranged by bidder. c) Accommodation for supervisor will be provided by BHEL on free of cost basis. d) Scaffolding material and scaffolding work will be in the scope of BHEL.
2.0	MOBILIZATION SCHEDULE: - Contractor has to mobilize the workers & T&P at site within 7 days from the date of issuance of work order. The mobilization and demobilization of labour shall be at the cost of successful bidder. No separate rate or any other additional amount shall be payable by BHEL on this account.
3.0	CONTRACT DURATION: - It shall be for a period of 01 (One) Months . However, if required BHEL at its discretion may extend the contract further as per requirement.
4.0	Guarantee Period: - Guarantee period of this contract will be 03 (Three) Months from the date of completion as certified by BHEL.
5.0	TERMS OF PAYMENT: A) 95% of the payable amount as applicable, would be released within 30 days on verification and acceptance of the GST invoice subject to its completeness in all respects including statutory compliances, certification by BHEL EIC.


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	B) Balance payment of 5% shall be released after successful completion of 03 (Three) Month Guarantee period of the contract. C) Payment will be released within 30 days of submission of documents as mentioned above. D) Paying Authority: RAO, BHEL Site Office, 1 x 660 MW Unit-V, Sagardighi TPP extension. E) No advance shall be paid. Payment shall be made on the basis of actual execution at site.
	<u>PRICE VARIATION CLAUSE / RATE REVISION: -</u>
5.1	The accepted rates shall remain firm throughout the execution period including extension period, if any, and no escalation / revision shall be payable.
6.0	<u>TAXES & DUTIES, ETC.: -</u>
6.1	All taxes excluding GST (as specified elsewhere in the tender) but including, Charges, Royalties, any State or Central Levy and other taxes for materials if any obtained for the work and for execution of the contract shall be borne by successful bidder and shall not be payable extra by BHEL. Any increase of above at any stage during execution of contract, including extension of the contract, shall have to be borne by successful bidder contractor. Bidder's quoted/accepted rates/ price shall be inclusive of all such requirements.
6.2	GST (as applicable) legally leviable & payable by successful bidder as per GST Law shall be paid by BHEL, extra. Hence, bidder shall not include GST (as applicable) in their quoted rates/ price.
6.3	Successful bidder shall furnish proof of GST registration with GSTN Portal covering the services under this contract. Registration should also bear endorsement for the premises from where the billing shall be done by successful bidder on BHEL for this project / work.
6.4	Since GST on output will be paid by BHEL separately as enumerated above, bidder's quoted rates / price should be after considering the Input Credit under GST law at bidder's end.
6.5	TDS under Income Tax shall be deducted at prevailing rates on gross invoice value from the running bills (RA bills) unless exemption certificate from the appropriate authority / authorities is furnished.
6.6.1	You may collect TCS under section 206C(1H) of Income Tax Act, 1961 if applicable.
6.6.2	You shall comply with all statutory amendment/notifications in this respect
6.7	TDS under GST shall be deducted at applicable rates on gross invoice value from the running bills (RA bills).
6.8	Bidder shall note that GST Tax Invoice complying with GST Invoice Rules (Section 31 of GST Act & Rules referred thereunder) wherein the 'Bill To' details shall encompass following. BHEL GSTN – 19AAACB4146P1ZC. Name - BHARAT HEAVY ELECTRICALS LIMITED Address - The Project Director, Bharat Heavy Electricals Limited, 1x660 MW Sagardighi Thermal Power Project, Unit-5, WBPDC, P.O. Manigram, Dist.: Murshidabad, West Bengal-742237
6.9	In case of raising any Supplementary Tax Invoice (Debit / Credit Note), successful bidder shall issue the same containing all the details as referred to in Section 34 read with Section 31 of GST Act & Rules referred there under
6.10	Successful bidder shall comply with the Time Limit prescribed under the GST Law and rules thereof for raising of the Tax Invoice. If any supply of goods is applicable, successful bidder shall also ensure prompt delivery of goods after dispatch.
6.11	Bidder shall note that in case GST credit is delayed / denied to BHEL due to delayed / non receipt of goods and / or Tax Invoice or expiry of the timeline prescribed in GST Law for availing such ITC, or any other reasons, not attributable to BHEL, GST amount shall be



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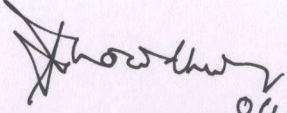
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PSER Sagardighi Site 1X660 MW
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	recoverable from successful bidder along with interest levied/ leviable on BHEL, as the case may be
6.12	Successful bidder shall upload the invoices raised on BHEL in GSTR-1 within the prescribed time as given in the GST Act. Bidder shall note that in case of delay in declaring such invoice in your return and GST credit availed by BHEL is denied or reversed subsequently as per GST Law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from the successful bidder along with interest levied / leviable on BHEL.
6.13	Any new taxes & duties, if imposed subsequent to due date of offer submission as per NIT & TCN, by statutory authority during contract period (including extension, if the same is not attributable to you), shall be reimbursed by BHEL on production of relevant supporting document to the satisfaction of BHEL. However, you shall obtain prior approval from BHEL before depositing new taxes and duties
6.14	Benefits and / or abolition of existing taxes must be passed on to BHEL against new taxes, if any, proposed to be introduced at a later date.
7.0	<u>SUITABILITY / ASSESSMENT OF QUALITY AND COMPETENCE OF LABOURS: -</u> BHEL reserves the right to check the ability and experience of the workers prior to engagement. BHEL will reserve the right to check the health condition of the worker in Safety Park by a team of medical expert and Safety engineer as per the BHEL safety norms based on type / nature of works and in case of rejection, the demobilizing of the workmen shall be at the cost of successful bidder.
8.0	<u>TERMINATION OF CONTRACT:</u> If at any time during the execution of the order, it is noted that the contractor is not discharging his obligations according to the terms of this contract, then BHEL will be at liberty to terminate the contract after giving 7 days' notice by issuing contractual letter and the tenderer shall comply with the requirement of such notice. In such case no payment will be given for the balance work of contract including unsatisfactory services, if any.
9.0	<u>LIQUIDATED DAMAGE (LD):</u> It is to be clearly understood that the scope of work as specified in the work order should be made within the time limit as prescribed by BHEL. 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.
10.0	<u>OTHER TERMS & CONDITIONS</u>
10.1	The successful bidder has to abide by all the rules of SGTPP site including HSE plan related rules.
10.2	The representative of the vendor should be available as per requirement at SGTPP Site for continuous supervision of the workmen as per the productivity, safety and quality norms of the BHEL standard.
10.3	Contractor shall ensure that no IR issues or problem is created at site and if any such issue is created at site, then BHEL reserves the right to immediately terminate the contract. Contractor shall obtain undertaking from each worker in this line before mobilization of any such worker to site.
10.4	BHEL reserve the right to cancel the order in case of delay in mobilization of workmen by successful bidder and failure to comply with quality, HSE and productivity requirements.

10.5	The Contractor shall be responsible for safety of his workmen, materials and equipment deployed at site.
10.6	Refreshment and drinking water for the workmen, has be arranged by the contractor.
10.7	All labour rules, factories act, statutory requirements to be strictly adhered by the contractor.
10.8	Sub-letting of jobs within the agreed scope of work, in any way is not permitted.
10.9	HEALTH, SAFETY & ENVIRONMENT: - Refer Document Number: HSEP:14-SGD Rev.: 02, DATE: 01.09.2020 Document Title: Health, Safety and Environment Plan for Site Operation by Subcontractors for Sagardighi.
10.10	BHEL reserves the right to short close the contract/reduce the scope upon giving 7 days' notice, depending upon requirement. In such cases, the payment shall be made for the completed scope of work and part thereof on pro-rata basis, based upon approved rate of the contractor and no other compensation will be granted by BHEL. The quantities of job in this schedule are approximate and may vary to any extent (upward / downward) or may be deleted altogether. The rate quoted against each item of the schedule shall remain firm till the contract value remains within "+" or "-" 15%.
10.11	Contractor's personnel posted at site shall not move outstation without the prior permission of Construction Manager of BHEL.
10.12	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.

For and on behalf of
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NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

To
AGM-HOD/(Civil)
BHEL, Sagardighi site
1X660 MW, Sagardighi TPP,
Sagardighi, Murshidabad

Sub: No Deviation Certificate.

Job: Cementous & Polyurethane (PU) Injection Grouting work including surface preparation in Twin Wagon Tippler at 1X660 MW Unit-5 Sagardighi Extension Project, BHEL-Sagardighi Site.

Ref: - 1. BHEL's Tender Notice No. PSER:SDG:CVL:TWT-GROUT:2026-27:03/2594 , DATED 04.07.2026

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.

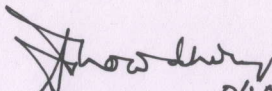
We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred tender notice. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable).

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.

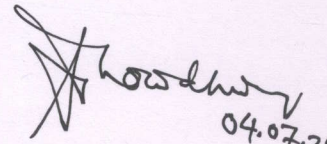
Thanking you,

Yours faithfully,


04.07.26
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)

ANNEXURE-D					
Description of Work: Cementous & Polyurethane (PU) Injection Grouting work including surface preparation in Twin Wagon Tippler at 1X660 MW, Phase-III, Unit-5, SgTPP, Sagardighi Extension Project, BHEL-Sagardighi Site.					
Ref: Tender Notice No. PSER:SDG:CVL:TWT-GROUT:2026-27:03/2594 DATED:- 04-07-2026					
BOQ CUM RATE SCHEDULE					
SL. No.	Item Description	UOM	Quantity	Rate (INR)	Amount (INR)
1	Cementitious Injection Grouting: Providing and fixing 12 mm diameter aluminum /PVC injection nipples and securing them as directed & Providing and injecting cementitious grout using CEBEX-100 additive of 'Fosroc' or equivalent at the rate of 225 grams per bag of cement and using a suitable mechanical gun/pump, including mixing, etc complete all as specified and directed	Nos.	3500.00		
2	Surface Preparation - Cleaning of concrete surface including removal of laitance/loose particles and cleaning the surface with compressed water, if required, including repairing the surface with fast setting material complete as per specification/manufacturer's instructions & direction of Engineer-in-Charge	SQM	600.00		


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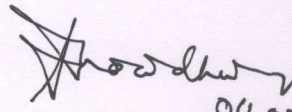
DATED:- 04-07-2026

BOQ CUM RATE SCHEDULE

SL. No.	Item Description	UOM	Quantity	Rate (INR)	Amount (INR)
3	PU Injection Grouting: Water-stopping crack injection resin. The semi-flexible, single component, low viscosity, polyurethane, crack injection resin system shall be Fosroc Nitofill PU 11R or equivalent. When injected into cracks in concrete, the resin shall form a slightly semi-flexible and impermeable barrier in both dry and damp conditions. The semi-flexible, low viscosity, polyurethane, crack injection resin system shall have the following properties: cream time of 12 ± 5 seconds depending on temperature at 10% accelerator dosage; rise time of 48 to 55 seconds at 250°C and 10% accelerator dosage; viscosity of 350 to 450 mPa.s at 250°C; density of 1.08 ± 0.05; etc complete. Or Polyurethane injection foam: Water-stopping crack injection resin: Nitofill PU 23R or equivalent. Drilling the holes on either side of the crack in a staggered manner at a spacing of 150 to 500 mm, placing nozzles in the holes, and injecting a two-component polyurethane grout—base and accelerator—with a density of 1.0 ± 0.05 g/cc for Part A and 1.21 ± 0.05 g/cc for Part B, a brown liquid in color, with a mixing ratio (A:B) of 1:1. The grout should have a cream time of 30 to 35 seconds at 250°C, a rise time of >85 seconds at 250°C, and a tack-free time of 180–220 seconds at 250°C. The expansion of the polyurethane grout should be up to 40 times, and the final cure time should be 1 day ; etc complete. Any of the above will be done based on actual site requirement. The above work also includes providing, fabricating, and fixing MS steel packers of suitable diameter and length at specified locations by drilling holes, inserting, and securing the packers firmly in position prior to polyurethane (PU) injection grouting. This item includes drilling, cleaning of holes, fixing with suitable adhesive/sealant where required, all labor, tools, equipment, consumables, and incidental work complete as per the Engineer's instructions and project specifications	Kg	250.00		

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BOQ CUM RATE SCHEDULE					
SL. No.	Item Description	UOM	Quantity	Rate (INR)	Amount (INR)
4	Providing & injecting Fosroc Nitofill AC 32F or equivalent, a four component ultra low viscosity acrylic injection gel, through pre-installed inject packers to seal active water leakage cracks, construction joints and voids in concrete structures complete with drilling packers, mixing injection, removal of packers and making good the surface all as per manufacturer specification and Engineer-in-Charge direction.	Kg	250.00		
GRAND TOTAL VALUE OF WORK IN INR (IN FIGURES)					

GRAND TOTAL VALUE OF WORK IN INR (IN WORDS) :


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