



# BHARAT HEAVY ELECTRICALS LIMITED CSU & FP, JAGDISHPUR

---

## **NOTICE INVITING TENDER**

### **Tender for pressure grouting works in Lift Pits in BHEL CSU & FP Township at Jagdishpur**

Tender Enquiry No: BHE/CSU/CVL/15-16/15

- SECTION – I : NOTICE INVITING TENDER (8 Pages)
- SECTION – II : UN PRICE BID & BOQ
- SECTION – III : PRICE BID

**BHARAT HEAVY ELECTRICALS LIMITED  
(A GOVERNMENT OF INDIA UNDERTAKING)  
CSU & FP  
Industrial Area  
Jagdishpur (UP) 227817**

### NOTICE INVITING TENDER

Sealed tenders are invited in two-bid system from experienced contractors for the following works:

Scope of work	Issue of Tender	Last Date of Submission	Tender opening date & time
Tender for pressure grouting works in Lift Pits in BHEL Township at Jagdishpur TE No: BHE/CSU/CVL/15-16/15	From <u>23.7.2015 to 12.8.2015</u>	Upto <u>14:30 hrs on 12.8.2015</u> in tender box at BHEL, CSU&FP Jagdishpur	Techno-commercial Bid on <u>12.8.2015 at 15:00 hrs</u> at BHEL, CSU & FP Jagdishpur

**EMD: Rs- 10000/-**

**Cost of tender document: Rs 500/- (Non- refundable)**

**NOTE :**

- Tender can be downloaded from BHEL website [www.bhel.com](http://www.bhel.com).
  - All subsequent corrigendum/amendment shall be published only on website and not in press. Hence, bidders are advised to always be in touch with our said website until the tender is finally opened.
- Address for submission & opening of Tender
    - Submission and opening of tender:**  
Sh Vaibhav Jain, Sr. Engineer (Civil)  
Centralised Stamping Unit (CSU) & Fabrication Plant (FP)  
Bharat Heavy Electricals Limited  
Industrial Area, Jagdishpur  
Distt Amethi (UP) 227 817  
Tel : 05361 224125, 224220  
Fax : 05361 224166  
Email: [vjain@bhelcsufp.in](mailto:vjain@bhelcsufp.in)
  - Bidders may download the tender documents from websites [www.bhel.com](http://www.bhel.com) at "Tender Notifications" [http://www.bhel.com/tender/tender\\_home.php](http://www.bhel.com/tender/tender_home.php) and use the documents for submission of tender. In such cases, Cost of tender documents shall have to be paid either by Demand Draft or Electronic Fund Transfer at the time of submission of offer.
  - BHEL takes no responsibility for any delay / loss of documents or correspondence sent by courier or post.
  - The offer is to be submitted in a sealed envelope properly marked .The tender shall be submitted in two parts. The first part shall consist of the techno-commercial offer without price schedule and marked on top of the envelope as "**Part I -Techno-commercial Bid**" along with tender enquiry no. and due date. The second part shall be the price schedule and marked on top of the envelope as "**Part II - Price Bid**" along with tender enquiry no and due date. Each part shall be in a separate sealed envelope. Both the parts shall then be put in a bigger sealed envelope. The tender enquiry no. & due date of opening must be clearly mentioned on top of the envelope.

5. Part I of the bid will be opened first and scrutinized (Refer Qualifying Requirements in Annexure NIT-I). Successful bidders in techno-commercial bid Part – I will only be considered for opening of Price Schedule i.e. Part – II. Date of opening of Price Bid will be intimated separately to the Tenderers who qualify in the Techno-Commercial bid.
6. Only Tenderers who have previous experience in the work of the nature and description detailed in this tender specification are expected to quote for this work. Offer from Tenderer who do not have proven and established experience in the field as per Annexure NIT – I will not be considered.
7. Tenderers are advised to go through the project scope of work, site location etc and get themselves fully acquainted with the work place and prevailing working conditions before submitting the Offer.
8. 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 the offer. If no deviations are given in the offer, it will be assumed that the Tenderer accepts all terms and conditions of the tender.
9. Offers with deviations from terms and conditions of this tender are likely to be rejected.
10. Clarifications, if any, of Technical / Commercial nature, can be obtained from the officer to whom the tender is to be submitted up to one week before the tender due date.
11. The Tenderers are required to quote for the complete scope of work with rates for all the items & no column should be left blank. Tenders for part of the work or incomplete in any respect are liable to be rejected. Tenders shall certify in the un-priced bid of Techno-commercial offer that rates for all the items have been quoted.
12. Order will be placed on a single bidder for the complete scope of work.
13. Penalty will be levied by BHEL as per relevant clauses of the Tender on account of delay, violation of contract conditions and non-performance of the Contractor.
14. All documents submitted by the Tenderer in his offer shall be accompanied with a covering letter giving index interlinking all the documents.
15. BHEL reserves the right to accept or reject any of the bid / all bids with or without deviation or cancel / withdraw the invitation for bid without assigning any reason whatsoever and in such case no bidder shall have any claim arising out of such action by BHEL.
16. BHEL reserves the right to reject the tender from any bidder on the basis of unsatisfactory performance of the bidder in any ongoing job or any similar job of BHEL in last five years, or if the bidder has been kept under hold/ blacklisted by BHEL.

For & on behalf of BHEL  
Sr. Engineer (Civil-Projects)

---

### Special Conditions of Contract

1. **Scope of work:** Details mentioned in Section – II (Bill of Quantity & Un-priced Bid)
2. **Time Schedule:** Entire work shall be completed **within 3 months (Three months)**. The date of start of the work shall be taken as given in Letter of Intent.
3. **Compliances to be observed by the contractor:**
  - a) The contractor shall take necessary precautions for the safety of his workmen.
  - b) The contractor shall take proper care to avoid any damage to BHEL property. If any damage does take place, the contractor will be fully responsible for the same. The decision of Engineer in charge in such case shall be final and binding on contractor.
  - c) The contractor will follow all safety rules required in connection with execution of such type of works.
  - d) The contractor will have to get his workman insured at his cost.
  - e) The contractor shall make his own arrangement for his residing the supervisor near by the township for execution/interest of work.
  - f) The Workman Compensation Act, its implications, licensing and liabilities of Minimum Wages Act and **Minimum Wages as per BHEL rules** will be entirely the responsibility of the contractor.
  - g) The workers should be trained enough for the work and should be engaged on approval of the engineer -in charge.
  - h) No minor worker will be allowed to work
  - i) The contractor shall be wholly responsible for the behavior of his workmen with the office staff and with the residents of the township.
  - j) Contractor will have to ensure that the work places are entirely cleaned
  - k) In case any time contractor fails to arrange the work BHEL will deduct the expenses to make alternate arrangement for the same.
4. **Security Deposit:** Upon acceptance of tender, the successful tenderer must deposit the required amount of security deposit (10% of the contract value) within two weeks for satisfactory completion of work.

### 5. Rate Schedule cum BOQ

- a. Contractor shall fully understand description and scope of work before quoting. The scope of work and responsibility of the contractor as mentioned under this specification shall be covered within the quoted / finally accepted rates.
- b. The Tenderer shall quote the prices/rates for entire scope of work as per the rate schedule only, in part II - price bid. Conditional price bids or price bids with any deviation / clarification etc. are liable to be rejected. No cutting / erasing / over writing shall be done.

### 6. Terms of Payment

- a. Monthly payment shall be made after completion of pressure grouting works for each lift pit based upon the actual quantities executed. However payment shall be released only after testing & checking of the lift pit to the satisfaction of BHEL's Engineer – In – Charge.
- b. From the amount payable, recovery such as advances, security deposit, taxes etc. would be made. **Service Tax shall be payable extra as applicable.**
- c. Measurement of work completed shall be done by the Contractor and submitted to BHEL for checking and approval. The measurement sheets and the bill will be checked and approved by BHEL for further processing, or returned to the Contractor for correction and resubmission. The certificate of Engineer regarding such approval and passing of sums shall be final and conclusive against the Contractor. The abstract of the measurements and RA bill shall be entered in BHEL Measurement Book and signed and dated by both parties.
- d. In case any amount is withheld by BHEL during course of execution of work on account of non-compliance of contract requirement, the same shall be recovered / released from the contractors bills as deemed fit by the engineer-in-charge of BHEL and the decision of engineer-in-charge shall be final in this regard and binding on the contractor.

### 7. VARIATION IN SCOPE OF WORK / DEVIATION LIMIT

BHEL reserves the right to add or delete items of scope of work depending upon the final requirement. The quantities in the BOQ are tentative which may vary or deviate upto any limit provided the contract value is limited to  $\pm 15\%$ . The price quoted by the Contractor shall be valid for such variation. Variation beyond the above limit shall be settled on mutually agreed rates.

### 8. Extra Work

The Contractor shall, when requested by BHEL, perform extra work at mutually agreed rates.

**9. Penalty:** If the Work is not completed within the specified period and any extension thereof, the Contractor shall be liable to pay penalty for delay in completion of work @ 0.5% of the value of work for every week of delay or part thereof, subjected to a maximum of 10 % of the contract value without BHEL being required to establish and prove the actual loss /damage suffered by BHEL on account of such delay.

**10. Guarantee:**

**Guarantee period shall be 5 years from taking over of all works by BHEL.** During this period the Contractor shall attend to all the matters relating to the Contract work and rework as required by BHEL. Performance Bank guarantee in BHEL's format shall be provided by the contractor of a Bank as per BHEL's approved list of Banks.

**11. Taking Over of Works by BHEL**

- a. All works shall be taken over by BHEL in part or in full when it has been completed in all respects and /or can be put to use satisfactorily. The complete work under the contract shall be taken over only after completion of all punch points, pending work, rework wherever required, site clearing and reconciliation of materials.
- b. BHEL shall have power to take over from the Contractor from time to time such sections of the work as have been completed to the satisfaction of the Engineer. Such work however shall not be treated as have been completed until the extra works are executed to the satisfaction of Engineer.
- c. The Guarantee period shall commence only after handing over of the entire works

### Annexure NIT – I

Tender for pressure grouting in Lift Pits in BHEL Township at Jagdishpur

#### **A. QUALIFICATION REQUIREMENTS**

1. The Tenderer should have, in the last seven years ending on 30.06.15, works contract of pressure grouting in any reputed industry or other commercial establishments.

Values of such work done should be as under:

- a) One job of value of Rs 3.0 Lakhs or above, or
- b) Two jobs of value of Rs 1.9 Lakhs or above each, or
- c) Three jobs of value of Rs 1.5 Lakh or above each

And

The Tenderer shall be financially sound and should have achieved an average annual financial turnover of minimum Rs 1.2 Lakh per year over three consecutive financial years ending on 31.03.2015.

#### **B. DOCUMENTS REQUIRED**

The Tenderer shall submit documents in respect of possessing Qualifying requirements as under duly certified and stamped by his authorized signatory:

- a) Copies of work orders issued by customers.
- b) Copies of completion certificates issued by customers.

#### **C. Checklist / Minimum qualification criteria**

##### **1. Taxation requirements**

- a. Income tax act (PAN No.)
- b. Trade Tax / VAT / TIN No.
- c. Service tax no. (PAN Base)

**Details of Previous Experience of Pressure Grouting Works in Past Seven Years**

Sl. No.	Agency by whom awarded	Location of the project	Particulars of the work awarded	Completion date	Contract Value (Rs.)
<b>TOTAL</b>					

Name & Signature of the bidder  
(Seal)

**Note:** Please enclose copy of work orders and work completion certificate.



## CSU & FP Township, BHEL, Jagdishpur

### Section - II (Bill of Quantity & Un-Price Bid)

Name of Work : Pressure grouting works in lift pits in CSU & FP Township at Jagdishpur

Tender Enquiry No. : BHE/CSU/CVL/15-16/15

S. No.	Description of Item	Unit	Quantity	Rate	Amount
<b>SYSTEM :PU PLAIN/PU FOAM INJECTION</b>					
1	Grinding and cleaning of surface from loose materials and paint with diamond/wire grinding machine.	Sqm.	36		
2	Providing and fixing non return packers or Special Needle after drilling holes of 10mm Dia at a distance of 500 mm c/c and cleaning the same with compressed air or blower in both directions horizontal and vertical.	Nos.	252		
3	Providing and injecting Dr. Fixit PU Plain Injection, two component Polyurethane Plain injection grout manufactured by Pidilite Industries Ltd, to be site mixed in ratio 2:1 (2 part base one part hardener) that shall be injected with mechanically piston driven pump with maximum upto 100 bar pressure or as per the requirement.	Kg.	45		
4	Providing and injecting Dr. Fixit PU Foam Injection two component polyurethane foam injection grout manufactured by Pidilite Industries Ltd and to be site mixed in ratio 10:1 (10 part base 1 part hardener ) that shall be injected with mechanically piston driven pump with maximum pressure upto 100 bar or as per site requirements at running water leakages against the hydrostatic water pressure.	Kg.	9		
5	Filling and repairing holes and damaged areas with site made Putty by using Dr. Fixit Pidipoxy of Pidilite Industries Ltd.	Nos.	252		

S. No.	Description of Item	Unit	Quantity	Rate	Amount
	<b>Using Dr. Fixit Pidicrete AM</b>				
6	Cleaning and washing the surface of dirt and laitance with steel wire brush.	Sqm.	108		
7	<p>Injection Grouting at Construction &amp; Kicker Joints Only:            Providing and laying injection grouting treatment by drilling GI threaded nozzles to 1/3rd the depth of the concrete, of 15mm dia. at 0.75mtr. c/c tied to the reinforcement while chocking both the ends of the nozzles.            After the concrete pour, pressure grouting the nozzles with hand machine of requisite pressure so that the cement slurry is injected into the capillaries and thereby creating dense concrete. Suitable grouting admixture like DR. FIXIT PIDICRETE AM to be admixed with cement slurry so as to make the mix more flowable, non-shrink expanding and watertight.            Flushing / removing the nozzles from the structure and plugging the holes with Dr. Fixit Epoxy Repair Mortar in all complete. Note: For vertical walls, nozzles to be placed after drilling holes in the concrete at construction joints and carried further as above.</p>	Nos.	198		
8	<b>Total Amount (Excluding Service Tax ) =</b>				

**Note: Cement, Sand, Electricity, water, etc. shall be provided by BHEL free of cost.**