



BHARAT HEAVY ELECTRICAL LIMITED
CENTRAL FOUNDRY FORGE PLANT
MAINTENANCE & SERVICES

FF:17:MFG:RM:ME:02

Rev. No. 00

Date: 10/07/2017

Ref.: FF/17/MFG/RM/ME/02

Date: 10/07/2017

By Hand/By Courier/By Registered Post/Downloaded via internet

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NOTICE INVITING TENDER

Sealed tenders are invited from parties who are experienced in the under mentioned work and are having valid authorization certificate. The tender documents are enclosed with the tender notice.

The tender should be duly filled with all the relevant documents attached. The tender should reach place specified below **on or before 27.07.2017 at 01:30 PM** which will be opened on the same day at **02:00 PM** in presence of the representatives who wish to be present at

Tender Room

Administrative Building

CFFP, BHEL, Haridwar – 249403

Vendors are advised to inspect the site before quoting the rates. Offers of only those parties will be considered having valid competency certificates issued by the Chief Inspector of Factories, Uttarakhand and the validity of the competency certificate must be at least two months from the date of opening of the tender.

NIT No. & Date	Description of Work	Earnest Money	Time for completion	Estimated Cost	Tender cost
FF/17/MFG/RM/M E/02	Supply and Fixing of Anchor Bolts for support of High Pressure Line in Heavy Forge Shop	1260	1 month	Rs. 0.63 lakhs (approx.)	Rs. 200/-

Note:

1. The work will be governed by BHEL WC Rules, latest Works Policy, Labour Law and Fraud Prevention Policy. The same will be made available to the vendors who wish to go through the documents.
2. The safety regulations applicable while working inside the factory premises are to be followed strictly.
3. Liquidated Damage (LD) will be imposed as per WC rules i.e. 0.5% per week to the maximum of 10% of total value of work if the work is delayed from the stipulated period for reasons attributable to the vendor.
4. If any paper/document submitted by vendor is found false, the tender/work order can be cancelled at any stage and appropriate action shall be taken against such party.
5. BHEL reserves the right to reject any or all the tenders without assigning any reason(s) thereof.



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Copy to DGM (Fin.): To kindly depute Finance representative for tender opening

Price Bid
(Priced/Un-priced)

Name of work: Supply and Fixing of Anchor Bolts of Hilti make for fixing support of High Pressure Line in Heavy Forge Shop

Tender No. : FF/17/MFG/RM/ME/02
Estimated Cost : Rs. 63,000.00/- (Excluding Taxes)
Earnest Money : Rs. 1260
Cost of Tender : Rs. 200
Date of Tender Opening : 27.07.17 at 02:00 PM

Bill of Quantity

S. No.	DESCRIPTION OF WORK	Qty.	Total cost
1.	Supply and Fixing of Anchor Bolts of Hilti Make for fixing support of High Pressure Line in Heavy Forge Shop	1	₹. _____ In words (_____ _____ _____)
Note: GST will be extra at the time of billing.			

Note: Rates are to be mentioned in figure as well as in words. If overwriting/un-readable figure is found in rates, the rates offered in words will be considered final. In case of cutting/over-writing/un-readable figure in both numbers as well as words, the bid may be cancelled.



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<u>Annexure A: Specification of Work</u>			
Clause No.	Description		Vendor's Acceptance /Remarks
	Ref No- FF:17: MFG : RM : ME: 02 Activity Code – FW0320000098- Supply and Fixing of Anchor Bolts for Fixing support of Pipe.		
1.0	GENERAL DESCRIPTION: This specification covers supply and fixing of Hilti make anchor bolts as per design approved by Hilti for fixing support of high pressure pipe in Heavy Forge Shop CFFP, BHEL Haridwar		
2.0	INPUT PARAMETERS/DATA:		
2.1	Base Material	Reinforced Concrete (Grade unknown; if grade of the concrete is required for design considerations, the same shall be tested by vendor on his/her own)	
2.2	Pipeline Data	Size: 4", 100 NB Pressure: Working Pressure: 200 Bars Design Pressure: 250 Bars	
3.0	SCOPE OF DESIGN, SUPPLY AND FIXING OF BOLTS:		
3.1	Design	a. Design of anchor bolts approved by Hilti to support the pipe to withstand the impact force and minimize resultant vibrations. b. Design to include – size of anchor bolts, no. of anchor bolts, depth of penetration, size of plate required for fixing c. Any other requirement for completing the work such as chemical filling, reinforcement to mentioned in the design	
3.2	Material	a. Anchor Bolts (material: SS 316) of suitable size and rating as per design approved by Hilti. Extra bolts, if any, due to packet supply shall be given to BHEL. b. Any other item including chemicals required for fixing anchor bolts as per design approved by Hilti c. Any item not covered in this scope but required for fixing of anchor bolts except plate (size to be provided by vendor in Hilti approved design)	
3.3	Fixing	Vendor is to fix the bolts in proper spacing and number as per design approved by Hilti. Any tool/tackle/accessory and manpower required to fix the bolts shall be in the scope of vendor.	



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3.4	Miscellaneous	Any other item required for successful operation of the system mentioned in this scope or otherwise, shall be deemed to be included in the scope of the vendor. Vendor's scope shall include but not be limited to the items mentioned herewith.	
4.0		Acceptance Criteria: Vendor will fix one additional bolt apart from the number of bolts mentioned in the design. Vendor will perform load test on this bolt (as per force mentioned/designed in the design of Hilti) and prove satisfactory fixation of the bolts. Any equipment/machine to perform the load test shall be in the scope of the vendor.	
4.0		Trial Period: The bolts fixed by the vendor shall be kept under a trial period of 30 days to check any deformation against shear load, removal from the concrete or any other defects. This trial period shall commence after the acceptance criteria of the work has been fulfilled or successful completion of load test by the vendor.	



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BHARAT HEAVY ELECTRICALS LTD.
CENTRAL FOUNDRY FORGE PLANT
RANIPUR, HARDWAR
FORGE SHOP MAINTENANCE

Ref.: FF:17:MFG:RM:ME:02

Activity Code – FW0320000098

Work: Supply and fixing of Hilti make Anchor Bolts for fixing support of pipe as per design approved by Hilti

Annexure – B: Pre – Qualification Criteria

S. No.	Criteria	Requirement	Vendor's Response
1	Vendor must have successfully completed similar job work/ purchase order of fixing of anchor bolts	Vendor to submit the copies of purchase orders/work orders/completion certificate of work duly signed by customers	
2	Vendor must be an authorized vendor of M/s Hilti	Vendor to submit authorization letter from M/s Hilti	

Note:

1. Similar work means “Supply and fixing of Hilti make anchor bolts as per design approved by Hilti”
2. BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false/ incorrect, the offer shall be rejected.



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Ref.: FF:17:MFG:RM:ME:02

Activity Code- FW0320000098

Work: Supply and fixing of Hilti make Anchor Bolts for fixing support of Pipe as per design approved by Hilti

Annexure – C: Terms & Conditions

1. The work of fixing of anchor bolts is to be done in Heavy Forge Shop in CFFP/BHEL, Ranipur, Haridwar.
2. Vendors are strongly advised to visit the site before submitting their offers.
3. No tender documents will be accepted without submission of earnest money. EMD is to be submitted in the form of cash (as permissible under the income tax act), pay order or demand draft.

EMD of the tenderer will be forfeited as per tender documents, if:

- a. After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.
 - b. The tenderer does not commence the work within the period as per contract.
4. The contractor must sign each page of tender documents. In relation to the company or firm, the tender must be signed by the person who has the power of attorney, and a copy of the same must be enclosed with the tender form.
 5. Once tenders are opened and accepted by BHEL, the same cannot be withdrawn by the bidder for whatsoever reasons. In case a bidder withdraws his/her/their tender, the earnest money deposited will be forfeited.
 6. All documents of tender form and earnest money along with the receipt, received after depositing the DD/Pay order (CFFP) to the cash section (if applicable), should be sent to

**Tender Room,
Administrative Building
CFFP, BHEL Ranipur
Haridwar**

by hand/by registered post/by courier in a sealed envelope before opening of tender.

7. Contract shall be governed by the works policy, fraud prevention policy and the same shall be made available to the vendor in case of requirement expressed by the vendor. The Bidder along



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with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

8. BHEL will have the right to cancel any or all tenders and to accept any tender whether it is minimum or maximum. Incomplete forms will be cancelled.
9. Presence of tenderers at the time of tender opening is required but not necessary.
10. **Security Deposit:** 5% of the contract value is to be deposited before the start of the work or it will be deducted from the bill and refunded back after 30 days from the date of completion of the work. SD may be furnished in any of the following forms:
 - a. Cash (as permissible under the income tax act)
 - b. Pay order, demand draft in favour of BHEL
 - c. Local cheques of scheduled banks, subject to realization
 - d. Securities available from Post Offices such as NSC, KVP etc. (Certificates should be held in the name of the contractor furnishing the security and duly pledged in favour of BHEL and discharged on back).
 - e. Bank guarantee from Scheduled Banks/Public Financial Institutions as defined in the companies act. The bank guarantee format should have the approval of BHEL.
 - f. FDRs from Scheduled Banks/Public Financial Institutions as defined in the companies act. The FDR should be in the name of the contractor, A/c BHEL, duly discharged on the back.

EMD of the successful tenderer can be converted and adjusted against the security deposit. The security deposit shall not carry any interest. Security deposit shall not be refunded to the contractor except in accordance with the terms of the contract.

11. Tenderers have to quote the rates in the column(s) of tender forms in numbers and words only. All the rates have to be given in Rupees and no rate will be accepted in kilo, ton or bags terms. Overwritten and incomplete forms will be cancelled. If the rate value given in numbers and words are different then the value given in words will be considered.
12. The cost of transportation and transit insurance, if any, of material will be borne by the vendor and is to be included in the bid.
13. The final bid will be evaluated on total cost including material and fixing of anchor bolts. However, tax will be paid extra on actual basis. Service tax will be reimbursed on providing service tax deposit receipt.



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14. The work period for complete supply and fixing of anchor bolts shall be 1 month from the date of work order. The vendor will submit the design approved by Hilti within 1 week of date of release of WO.
15. **Price Variation Clause:** Work order is placed on firm rate and there will not be any price variation applicable for any reasons whatsoever.
16. **Liquidated damage (LD):** 0.5% per week to the maximum of 10% of total value of work if the work is delayed from the stipulated period.
17. Income Tax will be deducted from the bill as per rules.
18. Payment shall be made within 60 days from the receipt of bill complete in all respect after completion of work, through e-payment mode. This is subject to performance of the anchor bolts within the period.
19. If any document/paper submitted by your firm is found false, the work order can be cancelled at any stage and action as deemed fit shall be taken.