



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
हीप, रानीपुर (हरिद्वार)-249403

विभाग: वैक्स-डब्लू.सी.एस, एफ.सी.एक्स.

निविदा दस्तावेज़

**Name of Work** : Construction of office building, Patrolling road & Plant boundary wall for 7 MLD STP at BHEL Haridwar.

**Tender Enquiry No.** : BHEL/HEEP/WEX-WCS/17-18/7169/20170069 dt. 05.10.17

**Due date of Tender Opening** : 03.11.2017

*Techno-commercial Bid (Part-1)*

**Place of Submission of Tender / Bid:** Tender Room, Purchase Deptt., 4<sup>th</sup> floor, Main Administrative Building, BHEL, HEEP, Haridwar-249403 (Uttarakhand)

*Contact Person: Mr. Anurag Kumar Singh (Sr. Engineer, FCX)*

*Contact Address: Adm-4, ground floor, WEX-FCX, HEEP*

*Email: [anuragsingh@bhelhwr.co.in](mailto:anuragsingh@bhelhwr.co.in)*

*Phone: 01334-284543/1332/1022*

*Fax: 01334-226460*



**NOTICE FOR TENDER (NIT)**  
**BHARAT HEAVY ELECTRICAL LIMITED**  
**HEEP, Haridwar-249403(UTTARAKHAND)**

Name of Department	WEX- WCS, FCX		
Phone	+91-1334-284543/1332/1022	Fax	+91-1334-226460
Email Address	anuragksingh@bhelhwr.co.in		
Contact Person	Anurag Kumar Singh (Sr. Engineer, WEX-WCS,FCX)		
NIT Key.	20170069	Dated :	5/10/2017
NIT No.	BHEL/HEEP/WEX-WCS/17-18/7169/20170069 dt. 05.10.17		
NIT No. on www.bhel.com	NIT-		
NIT No. on www.bhelhwr.co.in	NIT-		
Type Of Tender	Open Tender		
#Tender Cost (in INR)	Rs 500/- (Exempted for valid MSME and downloaded tender)		
Estimated cost (FOB BHEL Haridwar basis)	Rs 65.19 Lacs		
EMD ( in INR )	Rs 1,30,390/- (Exempted for valid MSME)		
Period of completion of work	12 months		
Two Part Bid /single bid	Two Part Bid		
NIT Value (in Rs.)	Rs 65.19 Lacs		
Last Date of Sale of Tender	02.11.2017	Time :	3:30 PM
Last Date of submission of Tender	03.11.2017	Time :	1:45 PM
* Date and Time for opening of Technical Bid	03.11.2017	Time :	2:00 PM
Place Of submission of Tender	Tender Room, Purchase Deptt., 4th floor, Main Administrative Building, BHEL , HEEP, Haridwar-249403 (Uttarakhand)		

\*In case of two part bid, date of opening of Tender means the date of opening of Techno-commercial bid.

**Name of Work: Construction of office building, Patrolling road & Plant boundary wall for 7 MLD STP at BHEL Haridwar.**

Note:

1. The site and nature of work can be seen on any working day between 08:00am to 3:00pm.
2. BHEL reserves the right to accept or reject any/ all application(s) without assigning any reason thereof.
3. If any document submitted by tenderer found false at any stage, the tender/ work order will be cancelled immediately and the financial loss to BHEL if any in making alternative arrangement will be recovered from the contractor.
4. BHEL will not be responsible for the loss or delay of tenders in transit in any case.
5. All further corrigenda, addenda, amendments, time extensions, clarifications & etc. to the tender, if any shall only be notified on BHEL websites ([www.bhelhwr.co.in](http://www.bhelhwr.co.in)/[www.bhel.com](http://www.bhel.com)) as applicable.
6. For detailed instructions/information refer the tender document on BHEL website.

Contracting Executive Name: Anurag Kumar Singh

## **1. PRE-QUALIFYING REQUIREMENTS (PQR):**

### **A. EXPERIENCE:**

- i. Contractors must possess experience of similar nature of work i.e. **Building Construction Work**.
- ii. Experience of successfully executed similar nature of work as mentioned at point no. **1.A.(i)** above during last **7 (seven)** years as on **31.08.2017** should be any one of the following :
  - a) Three similar completed works, each costing not less than the amount equal to 40% of the estimated cost (**i.e. Rs. 26.07 lacs**)

**OR**

- b) **Two similar completed works**, each costing not less than the amount equal to 50% of the estimated cost (**i.e. Rs. 32.59 lacs**).

**OR**

- c) **One similar completed work** costing not less than the amount equal to 80% of the estimated cost (**i.e. Rs. 52.15 lacs**).

Contractors shall submit relevant documents and work completion certificate in original /photo copy duly attested by a Gazetted officer on the letter head pad of the organization for which the work has been done and signed by authorized signatory of the concerned organization. (**Format Enclosed at Annexure-I**). They should also submit the reference of a responsible person from the company which has issued such certificates. BHEL reserves the option to visit and/or verify these credentials directly from such companies. In case the same is found adverse, the bidder will be disqualified.

### **B. FINANCIAL CAPACITY:**

- i. Average Annual financial turnover during the last 03 years ending **31.03.2017**, must be atleast **Rs. 19.55 Lacs** (30% of the estimated cost). Contractor shall have to submit audited Profit & Loss Accounts Statement and Balance sheet for the same along with the Techno-Commercial Bid for FY 2014-15, FY 2015-16 & FY 2016-17.
- ii. Contractor shall have to submit copy of PAN No. along with Income Tax Return for previous three financial years ending **31.03.2017** (.i.e. for FY 2014-15, FY 2015-16, FY 2016-17)

### **NOTE:**

1. Only If the bidder has not yet submitted audited Profit & Loss Account Statement & Balance Sheet or Income Tax Return upto 31.03.2017 then the bidder must submit the above required documents against PQR Condition No. 1.B.(i) for last 03 years upto 31.03.2016 i.e. for FY 2013-14, FY 2014-15 & FY 2015-16.
2. If the Inception Date of the bidder's firm/company is less than 3 years as on 31.03.2017, the bidder must submit audited Profit & Loss Account Statement & Balance Sheet and Income Tax Return for **ALL** the years since inception to calculate Average Annual financial turnover as per PQR Condition No. 1.B.(i) above.

### **C. LEGAL OBLIGATIONS:**

- i. Parties should comply with all relevant state and central Govt. statutory/legal obligations and the Contractors must possess PAN Card, P.F. code No., ESI Code No., GST Identification Number (GSTIN) & Labour License No. etc. Copy of the same has to be submitted in support of above.
- ii. In case the Contractor do not possess P.F. code No., ESI Code No., & Labour License No., he will have to submit an undertaking stating that P.F. code No., ESI Code No., & Labour License No. shall be submitted within one month of award of work, failing which BHEL shall be authorized to forfeit EMD against this tender and cancel the tender. BHEL shall provide form-V for Labour License after LOI, if required.

D. All disputes shall be subject to Haridwar Jurisdiction.

E. Offer of the Contractors not meeting/fulfilling the PQR criteria mentioned above shall be ignored.

## **2. TENDER COST:**

- A. Full set of tender can be either downloaded from BHEL Haridwar website or can be purchased from office of the SDGM (WEX-FCX,WCS) on submission of proof of depositing the Tender cost at the BHEL Cash section or in the form of demand draft made in favour of Sr. Accounts Officer (Cash), BHEL, HEEP, Haridwar payable at Haridwar. If downloaded Tender is used, tender fees is not required.

## **3. EARNEST MONEY DEPOSIT (EMD):**

- A. Earnest money must be kept in Techno-Commercial offer. Offer without requisite earnest money will not be considered. The earnest should be in the form of bank draft to be made in favour of Sr. Accounts Officer (Cash), BHEL, HEEP, Haridwar payable at Haridwar. No other mode of payment is acceptable.

**NOTE: EMD shall not carry any interest**

**Techno-commercial offer without the original instrument for the requisite EMD will not be qualified for evaluation.**

## **4. POWER OF ATTORNEY**

- A. In case of firms, the tender documents must be signed by a person holding a valid notarized power of attorney and a copy of such power of attorney duly attested by a Gazetted Officer should be attached with the techno – commercial bid
- B. The contractor must provide “Name of the contact person”, “Address”, “Phone Numbers” and “E-Mail IDs” who will be authorized, by the bidders through a valid notarized Power of attorney, for concluding the contract. BHEL shall not communicate with any other person/Numbers/mail IDs/address other than mentioned

## **5. MODE OF TENDER:**

- A. The tender shall comprise of two parts i.e. ‘Techno-commercial offer’ and ‘Price bid’. **Contractor must sign and stamp on all the pages and complete the “Techno commercial offer” and “Price bid” in all respect.**
- B. Both the offers are to be sealed in **separate envelope** having NIT No., Name of Contractor and Name of offer i.e. Techno- Commercial or Price bid. These two envelopes shall be sealed in a third envelope having NIT No., Name of Contractor, date of opening and shall be sent to **“Head of Material Management, Material Management Department, 4th Floor, Main Administrative Building, HEEP, Bharat Heavy Electricals Limited, Ranipur, Haridwar-249403”** before date of opening as given in NIT.
- C. **Incomplete offer is liable to be rejected.** Offers received after due date & time are likely to be rejected. BHEL is not responsible for postal delay.
- D. Tenders will be opened at Tender Room, 4th Floor, Main Administrative Building, BHEL Haridwar on date mentioned in NIT.
- E. **EMD should be enclosed along with the Technical bid.** Also an un-priced copy of the price bid should be enclosed with the Techno-Commercial Bid to confirm that the bidders has quoted as per the prescribed Price bid format. Any condition/modification of the price bid will not be entertained.

**6. GENERAL:**

- A.** Contractors shall go through the tender document and confirm that work shall be carried out as per enclosed specifications and abide by all the tender conditions and do not have any counter conditions. The contractors are advised visit the site of work so as to be well-conversant with the type and nature of work.
- B.** BIDS submitted not in accordance with the above guidelines will be liable for rejection.
- C.** The risk of delay/loss in transmission of tender documents by post/courier rest with the bidder/Contractor. No Late tender shall be accepted.
- D.** If any information/document submitted by the Contractor is found false/ fake at any stage, the tender will stand cancelled and EMD shall be forfeited. In such a case the bidder will also be liable to be banned from future Tenders of BHEL.
- E.** Contractors found technically suitable based on Techno-Commercial offer shall be eligible for further stage of the tender. Information regarding date of price bid, opening or conduction of reverse auction and other details shall be informed to the eligible contractors separately.
- F.** Contractors shall submit all the relevant documents as per the Pre-qualifying Requirements (PQR).
- G.** Techno-commercial offer along with BHEL General Conditions of Contract, Special Conditions of Contract attached.
- H.** Contractors are advised to enter the page numbers in the format given at Annexure-II for the relevant documents attached in support of Pre-qualifying Requirements (PQR).

## INSTRUCTIONS FOR TENDERER

1. The offer shall be submitted as per the instructions of tender document. One set of tender document signed by authorized representative of tenderer and stamped on each page & annexures shall be submitted. Price shall not be mentioned anywhere in the Technical offer. Price shall be quoted in the relevant price bid only and must be submitted in separate sealed envelope. In case of any clarification, bidder may contact the office of undersigned. Overwriting / correction in tender documents shall not be allowed. However if correction is unavoidable, the same may be signed by authorized signatory.
2. Tender documents may be obtained from the office of undersigned after depositing of required tender cost.
3. Tender must be submitted in two parts, i.e., **(i) Techno-Commercial Bid and (ii) Price Bid**. Both the offers i.e., "Techno-Commercial bid" and "Price Bid" must be sealed in separate envelopes super scribed with NIT no. and name of the contractor. EMD DD/Cash receipt/MSME submitted with Techno-Commercial Bid. Both envelopes must be sealed in another envelope super scribed with NIT no. , name of the contractor and name of work.
4. On the date of opening of tender, only Techno-Commercial Bid shall be opened. Price Bid of technically qualified bidders shall be opened on another day which will be intimated to parties accordingly.
5. Tenders submitted by post shall be sent as "REGISTERED POST ACKNOWLEDGEMENT DUE" and shall be posted with due allowance for any postal delay. Telegraphic offers and offers received by telex will not be considered.
6. Tenders shall be received on or before the due date & time and the same should be opened on due date & time as mentioned in Tender Enquiry. The presence of tenderers or their authorized representatives who so ever may like to be present is cordially invited.
7. Tenders received after due date & time, due to any reasons are liable to be rejected.
8. **EMD and Tender cost** shall be submitted as per NIT either in form of cash receipt issued by cash section, BHEL, HEEP, Haridwar (subject to provision of Income tax act) or Demand draft issued by any Nationalised bank in favour of **Sr. Accounts Officer (Cash), BHEL, HEEP, Haridwar**. EMD submitted by tenderer will be forfeited if bidder revokes his tender within validity period or increases his rates.  
*Note: Tender Cost shall not be charged if tender documents is downloaded from BHEL website.*
9. Offer without requisite EMD (earnest money deposit) & Tender cost will not be considered.
10. 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 tenderer shall have any claim arising out of such action by BHEL.
11. If it is found that bidder/ contractor has provided any false information/ documents at any stage, the same will lead to disqualification of the bidder/ termination of contract and the bidder/ contractor will be blacklisted by BHEL as per BHEL rules.
12. Under taking Sheet should be submitted by the bidder and no information should be hidden by the bidder.
13. For any clarification on the tender document, you may seek the same through telephone/ e-mail to the undersigned before last date of sale of tender document. BHEL shall not be responsible for receipt of queries after this date for seeking clarification due to any reason whatsoever.
14. In the event of any typing error / other clerical errors in the tender documents, noticed by the tenderer, the same must be pointed out before submission of offer, or else, BHEL's interpretation shall prevail & binding on the tenderer.

**Details of Bid & Bidder (To be filled by bidder)**

(a) Bidder Offer No.: \_\_\_\_\_ Date: \_\_\_\_\_

(b) Legal Name of the bidder as in GST registration: \_\_\_\_\_

(c) GST registration No. \_\_\_\_\_

(d) State \_\_\_\_\_

(e) Place of business \_\_\_\_\_

(f) Category of registration under GST (i.e. Registered dealer / Unregistered dealer/ dealer opted for

Composition Scheme): \_\_\_\_\_

(g) Address of the Bidder: \_\_\_\_\_

(h) E-mail address of the bidder: \_\_\_\_\_

(i) Contact No. of the Bidder: \_\_\_\_\_

(j) Tender Fess Related Details (Details of Cash Receipt/DD/Exempted with details/reason for exemption sought): \_\_\_\_\_

(k) EMD Related Details (Form in which submitted with Ref. Detail / Exempted with details/reason for exemption sought ) :  
\_\_\_\_\_

## GENERAL CONDITIONS OF CONTRACT

1. Documents submitted with the offer shall be signed and stamped in each page by the tenderer/ authorized representative of the tenderer.
2. Conditional tender is likely to be rejected.
3. BHEL shall have the right to reject any tender based on past unsatisfactory performance of Tenderer.
4. BHEL has the right to reject all or any of the tenders and accept any tender(s) irrespective of its/ their being the lowest/ highest.
5. BHEL reserves the right to award only fraction or part of the work given in the Bill of Quantity.
6. Contract may be cancelled at any stage without assigning any reason and Contractor/Tenderer shall not have any claim in this regard.
7. Power of Attorney will not be accepted from individual Contractors/Tenderers.
8. If any information/documents submitted by the Contractor/Tenderer is/are found false/fake at any stage, the tender will be cancelled and earnest money deposited shall be forfeited.
9. The Tenderer shall sign every page of the tender document. In-case of firm/companies, the tender documents must be signed by a person holding a valid power of attorney and a copy of such power of attorney should be attached with the tender.
10. The main criteria of judging performance of Contractor will be timely completion & quality of the work and response of the Contractor.
11. In-case more than one Contractors quote equal L-1 rates; lottery shall be drawn among L-1 parties to decide one L-1 party.
12. The Contractor will have to make his own arrangement for transportation of water to the site of work from nearest available water point in township at no extra cost. Contractor has to ensure storage of water during non-supply hours at no extra cost.
13. If required, work can be done anywhere in the township of BHEL Haridwar as per direction of Engineer In-Charge.
14. Contractor has to complete the work within the given period of completion.
15. **Extension of time for completion of work** may be granted by BHEL where delay is not attributable to the Contractor. However, where delay is on account of Contractor, extension of time shall not be granted without L.D. **LD shall be charged at the rate of 0.5% (zero point five percent) of contract value for every one-week delay or part thereof in time of completion subject to maximum of 10% of contract value.**
16. Quantity may vary 25% on either side of individual items. Excess of Expenditure over agreement value shall not be allowed unless approved by BHEL

### PAYMENT TERMS

17. The work will be done as per enclosed specification. Details not covered in enclosed specification/BOQ shall be as per CPWD/relevant BIS specifications.
18. For measurement, CPWD norms shall be followed unless otherwise mentioned.
19. Measurement shall be taken jointly by any person / persons duly authorized on the part of the BHEL & the Contractor.
20. The Contractor shall provide assistance with appliance and other things necessary for measurement without extra charge.
21. If the Contractor/their representative fails to attend when required for measurement, the Engineer In-Charge shall have the power to proceed by himself to take measurements and in that case, these measurements shall be deemed to have been accepted by the Contractor as final.
22. Measurement shall be recorded in measurement book maintained by the authorized representative of BHEL who shall make entries regarding the work executed by the Contractor under different items of Bill of Quantity. These entries will be counter-signed by the Contractor or his duly authorized representative.
23. Payment shall be made as per accepted rates for the satisfactory work done as per details given in item & its specification.
24. No payment shall be made for the work done without the permission of Engineer In-Charge.

25. Running Bill payment against the work executed shall be made to the Contractor after recording on Measurement book by authorized BHEL representative & agreeing by the Contractor's representative and duly checking by Engineer In-Charge.
26. The payment of final bill will be made only after satisfactory completion of the work, clearance of the site & clearance of all the liabilities on Contractor's part. No claim will be entertained after signing the final bills.
27. Water charges will be deducted at the rate of Rs. 1.00 per Rs. 1000.00 of the value of the work.
28. All payment will be subject to deduction of income tax/ trade tax etc. at source as per applicable rules.
29. All payment will be made through e-mode.
30. **EARNEST MONEY DEPOSIT (EMD):** EMD is to be paid by tenderers for securing fulfillment of any obligations in terms of the NIT. Rates of EMD shall be as under:

For works/ services with estimates upto Rs 10 Crs	2% of the estimated cost
For works/ services with estimates more than Rs 10 Crs	Rs. 20 lakhs plus 1% of the estimated cost over Rs. 10 Crs

Where work is to be split on two or more contractors, amount of EMD may be based on the maximum quantum of work envisaged on one Contractor.

**A) The EMD may be accepted only in the following forms:**

- I. Pay order/ Demand draft, in favour of BHEL (along with offer)

**B) Forfeiture of EMD**

EMD by the Tenderer will be forfeited as per NIT conditions, if:

- I. After opening the tender and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.
- II. The Contractor fails to deposit the required Security deposit or commence the work within the period as per LOI/ Contract.
- III. EMD by the tenderer shall be withheld in case any action on the tenderer is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these guidelines.

**C) EMD of successful tenderer will be retained as part of Security Deposit**

**D) EMD shall not carry any interest.**

**31. Prices shall be quoted on "Firm Price" basis only. The prices shall be F.O.R. BHEL Haridwar basis.**

**32. Offer of Tenderer shall be considered valid for 180 days from the date of opening of Part-I bid (i.e. techno-commercial offer) of the tender.**

**33. SECURITY DEPOSIT (SD):**

A. The total amount of Security Deposit will be **5% of the contract value**. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.

**B. Modes of deposit:**

The balance amount to make up the required Security Deposit of 5% of the contract value may be accepted in the following forms:

- i. Pay Order/ Demand Draft in favour of BHEL
- ii. Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be duly pledged in favour of BHEL & discharged on the back i.e. in the name of the Contractor, a/c BHEL)

(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)

C. At least 50% of the required Security Deposit, including the EMD, should be deposited by the successful tenderer before start of the work. Balance of the Security Deposit can be recovered by deducting 10% of the gross amount progressively from each of the running bills of the Contractor till the total amount of the required Security Deposit is collected.

- D. If the value of work done at any time exceeds the contract value, the amount of Security Deposit shall be correspondingly enhanced and the additional Security Deposit shall be immediately deposited by the Contractor or recovered from payment/s due to the Contractor.
- E. The Security Deposit shall be retained for the maintenance period & will be released only after carrying out required maintenance, if any, to the entire satisfaction of Engineer In-Charge. Normally maintenance period shall be Six Months after date of actual completion of work unless otherwise mentioned. Entire Security Deposit shall be released to the Contractor upon fulfillment of contractual obligations as per terms of the contract.
- F. The Security Deposit shall not carry any interest.
34. **Termination of Contract for Death:** Without prejudice to any of the rights or remedies under this contract, if the Contractor dies, the accepting officer shall have the option of terminating the contract without compensation to the Contractor's authorized survivors.
35. **Recovery from Contractor:** Whenever under the contract, any sum of money shall be recoverable from or payable by the Contractor, the same may be deducted from any sum then due or which at any time thereafter may become due to the Contractor under the contract or under any other contract with BHEL or from his security deposit, or he shall pay the claim on demand.
36. **Post Technical Audit of Work and Bills:** BHEL reserves the right to carry out a post payment audit/ technical examination of the work and final bill including all supporting vouchers, abstracts etc. and to enforce recovery of any sums becoming due as a result thereof in the manner provided into the preceding sub-paragraph provided however, that no such recovery shall be enforced after three years of passing the final bill.
37. The Contractor shall not be entitled to any interest with respect to the security deposit or any money which may be due to him from BHEL to make progress or other payments.
38. As a matter of Administrative ease, the contractor should make all disbursements to his workmen preferably through their bank accounts.
39. Any other applicable Cess and/or Tax not mentioned above shall be borne by the Contractor. The rates quoted shall be deemed to include all such applicable Cess and/or Tax of both Central & State Governments. The contractor shall indemnify BHEL from all such claims in this regards.
40. **Valid certificate towards exemption of EMD & Tender Fees, applicable for Micro and Small Enterprises shall be as mentioned below:**  
"MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure-B where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer."

### **Contractor's Obligations**

#### **A. Contractual**

1. Contractor shall supervise the work allowed to him and to be carried out by his employees.
2. Contractor to ensure that the employees deployed in the premises of BHEL are physically and mentally fit and do not have any criminal record. Such employees should possess requisite skills, proficiency, qualification, experience etc.
3. Contractor to maintain appropriate records of his employees deployed to carry out the job(s).
4. Contractor to provide employment card/ identity card with photograph duly verified and attested by the Contractor to his employees. Contractor to indicate the name of the proprietary/ partnership firm/ company, place of work, contract number and duration of validity of card.
5. Contractor will be responsible for the good conduct of his employees. In case of any misconduct/ misbehavior by any employee, the Contractor will replace such employee(s) immediately.
6. Contractor will ensure that the jobs are being executed through his employees on his rolls and shall not sub-contract the job.
7. Contractor will keep watch on his employees and he will be liable for any pilferage / loss to BHEL due to acts of omission and commission by his employees. Similarly, liability for any compensation to outsiders on account of any act of omission and commission by the employees deployed by the Contractor shall lie exclusively with him.
8. Contractor to provide safety appliances and safety shoes to his employees. The Contractor shall be responsible for enforcing all safety regulations as applicable.
9. Contractor to ensure that all precautions are taken for safety of his employees and equipment.
10. In the event of termination of contract for any reason whatsoever, the Contractor shall withdraw all his employees from the establishment of BHEL. In-case Contractor decides to terminate services of his employees; he should settle all terminal dues including retrenchment compensation.

#### **B. Towards Statutory Liabilities:**

11. All statutory requirements under The Minimum Wages Act 1948, The Payment of Wages Act 1936, The Workmen's Compensation Act 1923, Employees' Provident Funds and Miscellaneous Provisions Act 1952, Payment of Gratuity Act, 1972, The Employees' State Insurance Act, 1948, the Contract Labour (Regulation and Abolition) Act 1970, the Payment of Bonus Act 1965, Income-tax Act, 1961, Goods & Service Tax Act and Rules as Amended by Finance Act 2016 and all other applicable acts shall be complied with by the contractor.
12. Contractor shall comply with all statutory requirements, rules and regulations notifications in relation to employment of his employees issued from time to time by the concerned authorities.
13. Contractor shall ensure payment of statutory prescribed minimum wages as applicable from time to time in the presence of authorized representative of BHEL and maintain proper records of their timely disbursement. These records need to be preserved for a period of at least 3 years and should be made available even after the contract is over for any verification by the statutory/BHEL authorities.
14. Contractor to provide PF passbooks to his employees and ensure payment of PF, under EPF & MP Act 1952 to the RPFC.
15. Contractor shall ensure payment of ESI contribution under ESI Act 1948 and provide ESI membership no. card of each employee.
16. Contractor shall produce proof of deductions as well as remittances of PF, ESI contribution, administrative charges etc. wherever applicable and shall maintain proper records. Contractor to issue wage slips to his employees.
17. Contractor shall furnish proper returns to the concerned statutory authorities and provide a copy of the same to BHEL.
18. Contractor shall be solely responsible for non-payment / delayed payment of Wages/DA, Contributions under EPF & MP Act, ESI Act etc.

19. In case the contractor fails to make payment of wages to his employees or remittance of contribution to the concerned authorities, the security deposit/ other dues/ running bill under the contract can be utilized by BHEL to discharge the liability of the contractor.
20. Contractor shall indemnify BHEL against all claims and losses under various labour laws, statutes or any civil or criminal law in connection with employees deployed by him.
21. The liability for any compensation on account of injury sustained by an employee of the contractor will exclusively be that of the contractor.
22. Contractor shall be responsible for making payment of wages before the expiry of 7th day after the last day of the wage period in the presence of the authorized representative of contract operation division.
23. Contractor to obtain license under The CL (R&A) Act, 1970.

**C. Towards Supply of Tools, Tackles & Materials**

24. Contractor shall provide to his employees all tools, tackles and equipment and maintain the same to carry out the job under the contract at his cost and if necessary, contractor may take insurance policy of his men, material, equipment and tools and tackles.
25. Contractor shall provide safety appliances & PPEs and maintain the same at his own cost which may be required under the statute or otherwise.
26. Contractor shall provide material at his cost as mentioned in the contract to his employees for carrying out the job.

**D. Towards Finance**

27. Contractor to arrange his own finance for carrying out the job including supply of tools, tackles and equipment to his employees, materials, payment of wages to his employees etc. Rates quoted shall be net and inclusive of all the capital cost, material cost, and levies which might be applicable to this type of job

## SPECIAL CONDITIONS OF CONTRACT

1. All the T&P labour etc. required for proper completion of work shall have to be arranged by the contractor.
2. Material will have to be got approved before use from the Engineer Incharge.
3. Scaffolding and safety arrangement to be made by the contractor wherever required.
4. The contractor will ensure proper curing of cement work as per direction of engineer Incharge.
5. The contractor has to ensure safety of workmen, material, plant & machinery, including making available and ensuring use of all safety equipment, personal protective equipment (PPE's) etc.
6. Contractor must ensure that the work should not stop between the given periods; if the work is stopped between the given periods then written information with reasons should be submitted to the department prior to this.
7. Contractors who are not willing to quote, they have to submit a regret letter to this effect.
8. In this contract GST shall be applicable. For this GSTIN is required. No payment shall be made unless GSTIN is submitted.
9. GST shall be reimbursed as per actuals.
10. Separate form V is required in each contract separately involving more than 20 contract labors (labor license will be required from central govt.)
11. No payment shall be made unless form V (return of member joining services during the month), form no 10 (return of member leaving services during the month) and form no 12A (statement of contribution of PF for the month) are attached with bills beside the copies of Challan for PF and ESI respectively.
12. The tenderer should ensure correct nature of work required to be done prior to quoting the rates.
13. All type of mishap/ injury etc. caused to their staff engaged for the execution of work shall be the responsibility of the contractor and all staff shall be covered under group insurance policy.
14. As a matter of administrative ease, the contractor should make all disbursements to his workmen preferably through their bank accounts.
15. **Any other Cess/govt. taxes not mentioned above shall be the sole responsibility of the contractor.**
16. **Maintenance period for this work shall be ONE YEAR** after date of actual completion of work.
17. ALL PAYMENT WILL BE SUBJECT TO DEDUCTION OF INCOME TAX / TRADE TAX / ANY OTHER TAX ETC AT SOURCE AS PER APPLICABLE RULES.
18. INCOME TAX (TDS) WILL BE RECOVERED AS PER RULES.
19. WATER CHARGES WILL BE DEDUCTED AT THE RATE OF RS.1.00 PER RS. 1000.00 OF THE VALUE OF THE WORK.
20. NO BILL WILL BE ENTERTAINED UNTILL THE WAGES OF WORKER AS APPLICABLE ARE PAID.
21. NO PAYMENT WILL BE MADE AGAINST SUPPLY OF MATERIAL. HOWEVER, RUNNING BILLS WILL BE PAID AS PART PAYMENT ON PARTLY COMPLETED WORKS.
22. NO PAYMENT SHALL BE MADE FOR THE WORK DONE WITHOUT THE PERMISSION OF ENGINEER INCHARGE.
23. ALL PAYMENT WILL BE MADE THROUGH E-MODE.
24. RUNNING BILLS AGAINST WORK CONTRACTORS SHALL BE SUBMITTED TO THE FINANCE FOR PAYMENT WITHIN 15 DAYS FROM THE DATE OF MEASUREMENT, UNLESS THERE IS SOME PROBLEM WHICH SHALL BE SUPPORTED BY DOCUMENTS IN THIS REGARD. FINANCE WILL PROCESS SUCH BILLS AND RELEASE THE PAYMENT WITHIN 30 DAYS NORMALLY AFTER RECEIVING THE CLEAR BILLS IN FINANCE.
25. THE PAYMENT OF FINAL BILL WILL BE MADE ONLY AFTER SATISFACTORY COMPLETION OF THE WORK, CLEARANCE OF THE SITE & CLEARANCE OF ALL THE LIABILITIES ON CONTRACTOR'S PART. NO CLAIM WILL BE ENTERTAINED AFTER SIGNING THE FINAL BILLS.
26. FINAL BILLS AGAINST WORK CONTRACTORS SHALL BE SUBMITTED TO FINANCE WITHIN 2 MONTHS FROM DATE OF ACTUAL COMPLETION OF WORK OR WITHIN ONE MONTH FROM DATE OF MEASUREMENT WHICHEVER IS EARLIER, UNLESS THERE IS SOME PROBLEM WHICH SHALL BE SUPPORTED BY A DOCUMENT IN THIS REGARD. FINANCE WILL PROCESS SUCH BILLS AND RELEASE THE PAYMENT WITHIN ONE MONTH NORMALLY AFTER RECEIVING THE CLEAR BILLS IN FINANCE.

27. EXTENSION OF TIME FOR COMPLETION OF WORK MAY BE GRANTED BY BHEL WHERE DELAY IS NOT ATTRIBUTABLE TO THE CONTRACTOR. HOWEVER WHERE DELAY IS ON ACCOUNT OF CONTRACTOR, EXTENSION OF TIME SHALL NOT BE GRANTED WITHOUT L.D. L.D. SHALL BE CHARGED AT THE RATE OF 0.5% (ZERO POINT FIVE PERCENT) OF CONTRACT VALUE FOR EVERY ONE WEEK DELAY OR PART THEREOF IN THE TIME OF COMPLETION SUBJECT TO MAXIMUM OF 10% OF CONTRACT VALUE.
28. PAYMENT SHALL BE MADE AS PER ACCEPTED RATES FOR THE SATISFACTORY WORK DONE AS PER DETAILS GIVEN IN ITEM & ITS SPECIFICATION.
29. RISK PURCHASE CLAUSE: IN CASE OF DELAYS IN SUPPLIES / DEFECTIVE SUPPLIES OR NON-FULFILMENT OF ANY OTHER TERMS & CONDITIONS GIVEN IN THE WORK ORDER THE PURCHASER/CONTRACTING EXECUTIVE MAY CANCEL THE WORK ORDER IN FULL OR PART THEREOF AND MAY ALSO MAKE THE PURCHASE OF THE MATERIAL / SERVICE FROM ELSEWHERE / ALTERNATIVE SOURCE AT THE RISK AND COST OF CONTRACTOR. VENDOR/CONTRACTOR DOES NOT AGREE TO ABOVE CLAUSE, THEIR OFFER IS LIABLE TO BE REJECTED. IN CASE ANY VENDOR/CONTRACTOR ACCEPTS RISK PURCHASE CLAUSE INITIALLY AND SUBSEQUENTLY DECLINES TO HONOUR THE TERM IN THE EVENTUALITY OF RISK PURCHASE, THEY MAY BE BANNED FOR BUSINESS WITH BHEL.

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### **30. GST related NIT Terms & Conditions:**

1. Bidder has to specify the following in their techno-commercial bid (part I bid in case of two part bid):
  - a. Legal Name of the bidder as in GST registration, GST registration No., State, Place of business, category of registration under GST i.e. Registered dealer / Unregistered dealer/ dealer opted for Composition Scheme,
  - b. HSN (Harmonized System Nomenclature) / SAC (Service Accounting Code), description of Goods/Services and applicable IGST / CGST / SGST rate and any other statutory levy, if any, for each item of Goods or Services.
2. No GST will be reimbursed/ considered for evaluation of bid in case of unregistered dealer or dealer opting for Composition Scheme. Accordingly, Unregistered or dealer opting for Composition scheme should certify in technical bid that they have not quoted GST in price bid.
3. Reimbursement of GST shall be made by BHEL-Haridwar on matching of Contractor inputs as mentioned below at GST portal and after ensuring of availability of input credit to BHEL, Haridwar. Hence, Contractor has to ensure compliance as follows-
  - a. Timely raising & submission of GST compliant Invoices
  - b. Timely receipt of Goods & Services
  - c. Timely and correct payment of applicable GST by supplier/contractor
  - d. Timely filing of return
  - e. Compliance of other applicable provisions on supplier/contractorContractor has to also give consent to accept payment of tax after such matching in all cases where bills are submitted directly to BHEL-Haridwar or through bank or under LC or through any other mode.
4. In the event of any disallowance of input credit (including reversal of credit) or applicability of interest or arising of any other financial liability on BHEL-Haridwar due to any default of supplier/contractor under GST such as non/delayed receipt of Good/Services, delayed raising & submission of invoices, delayed payment of tax, non/wrong declaration of sale by Contractor in return etc. or any other reason not attributable to BHEL, such implication shall be to supplier's/contractor's account and will be deducted from bills.
5. In the event of any change in the status of the bidder after submission of the bid but before the supply/service, GST applicable at the time of supply/service or GST quoted in the bid, based on the registration status of the bidder, whichever is lower shall be payable.
6. Statutory Variation in Taxes & duties as applicable at the time of supply shall be payable. However, in the event of no change in law but bidder quoting certain tax structure in bid document which is lower than the applicable one, such amount shall be the maximum amount of tax that can be claimed by bidder.
7. In case of Liquidated damage (LD) recovery, the applicable GST shall also be recoverable from the suppliers.

Name of Work: Cleaning and upkeep of toilets, roads and buildings etc in HEEP, BHEL Haridwar.

NIT No: FCX/17-18/02 dt. 5.5.17

ANNEXURE-I

**DETAILS OF WORKS (COSTING NOT LESS THAN RS LACS) DONE DURING THE LAST SEVEN YEARS:**

(Refer Qualifying Condition No. 1 (A))

(To be submitted along with Techno-Commercial Offer)

Attach separate sheets in below format, if required.

S.No	Full Postal Address of client	Description of the work	Value of contract	Completion time as stated in Tender (in months)	Date of commencement of work	Actual completion	Year of completion	Experience certificate Enclosed at Page No
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
01								
02.								
03.								
04.								

**NOTE:** A copy of completion certificate and work order copy of each work mentioned above shall be submitted by the Contractor along with the tender document.

**ANNEXURE-II**

**CHECKLIST**

Before quoting, the Contractors are advised to inspect the site of work and its environments and be well acquainted with the actual working and other prevailing conditions, position of materials and labour. They should be well versed with BHEL General Conditions of Contract, Special Conditions of Contract, Technical Specifications & Bill of Quantities, wherever applicable and specifications and all other documents which form part of the agreement to be entered into subsequent to award of work. The Contractors shall specially note that it is the Contractor's responsibility to provide any item which is not specially mentioned in the specification or drawing, but which is necessary to complete the work at his own risk and cost.

Sl. No.	Description	Submitted (Yes / No)	Page No if submitted
1.A	Documents Submitted in Support of <b>PQR Condition No 1.A</b> (Work Experience Certificates) Details to be furnished in <b>ANNEXURE-I</b>		
1.B	Documents Submitted in Support of <b>PQR Condition No 1.B</b>		
1.B.i	Balance Sheets AND Profit & Loss Account Statements as per PQR Condition No. 1.B.(i)		
1.B.ii	Income Tax Returns as per PQR Condition No. 1.B.(ii)		
1.C	Documents Submitted in Support of <b>PQR Condition No 1.C</b>		
1.C.a	PAN Card,		
1.C.b	P.F. code No. against PQR Condition 1.C.i <b>OR</b> Undertaking against PQR Condition 1.C.ii		
1.C.c	ESI code No. against PQR Condition 1.C.i <b>OR</b> Undertaking against PQR Condition 1.C.ii		
1.C.d	Labour License No. against PQR Condition 1.C.i <b>OR</b> Undertaking against PQR Condition 1.C.ii		
1.C.e	GST Identification Number (GSTIN)		
2	Tender Cost as per PQR Condition No 2		
3	Earnest Money Deposit as per PQR Condition No. 3		
4	Name, Address, Phone Numbers and E-Mail IDs of Contact Person of Contractor as per PQR Condition No.4		
5	Submission of Tender in accordance with PQR Condition No. 5		
	Details of Bid & Bidder (To be filled by bidder) <b>ANNEXURE-A</b>		

**I/We, the contractor, hereby certify that I/We have read, signed and understood completely, all the above mentioned pages of this tender document completely.**

**Annexure-B**

**Certificate by Chartered Accountant on letter head  
(only for those who are submitting EM-II Certificate)**

This is to certify that M/s....., (hereinafter referred to as 'company') having its registered office at..... is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part-II) ..... dtd:....., Category:..... (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year ..... as per MSMED Act 2006 is as follows:

**1. For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006 :

Rs.....Lacs

**2. For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:

Rs.....Lacs

**(Strike off whichever is not applicable)**

The above investment of Rs.....Lacs is within permissible limit of Rs.....Lacs for .....Micro / Small (~~Strike off which is not applicable~~) Category under MSMED Act 2006.

**Or**

The company has been graduated from its original category (Micro/ Small) (~~Strike off which is not applicable~~) and the date of graduation of such enterprise from its original category is..... (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O.No.3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

**Date:**

**(Signature)**

**Name-**

**Membership number-**

**Seal of Chartered Accountant**

## UNDERTAKING

*(by the tenderer)*

1. I/We have carefully perused all the terms and conditions of the tender, NIT including special conditions mentioned in the tender before quoting the offer and I/we commit to abide by them in toto. I/ we have read BHEL General/Special Conditions of Contract and agree to abide by the same.
  2. **I/We have submitted the signed tender document in Part-1 of the offer. Part-2 offer i.e. price bid contains only the BOQ and the quoted rate.**
  3. I/We shall abide by and fulfill the requirement of all the statutory obligations in respect of EPF, ESI, labour license and all other provisions of labour laws applicable to me/us and maintain muster roll, payment register and all other registers/ records as applicable and produce the same to BHEL officials or statutory authorities whenever desired.
  4. I/ We shall abide by the GST Act/ Rules as applicable.
  5. I/ we shall decide the number of employees to be deployed for execution of the work and give instruction to my/ our employees. BHEL will have nothing to do or be concerned with the employment of my/ our employees.
  6. I/ we shall provide employment card / identity with photograph duly verified and attested by me/ us to my/ our employees.
  7. I/ we shall ensure payment of ESI contribution under ESI Act, 1948 and provide ESI membership card to each of my/ our employees.
  8. I/We shall pay minimum wages as applicable from time to time including leave with wages to my/ our workers as per rules /act.
  9. In case of non-compliance of any of the statutory obligations, labour laws by me/us, I/we shall be responsible for all expenses/ liability occurring /accruing on BHEL because of this including all expenditure on legal proceedings. All such expenses shall be recoverable from any of my/ our running contract with BHEL or any contract entered thereafter.
  10. I/ we shall maintain valid labour license throughout the period of contract.
-

**UN-PRICED PRICE BID**

<b>OFFICE OF THE SR. DGM (WEX-WCS,FCX) BHEL HARDWAR</b>	
<b>Name of work :</b> Construction of office building, Patrolling road & Plant boundary wall for 7 MLD STP at BHEL Haridwar.	<b>Date of opening:</b> NIT No: BHEL/HEEP/WEX-WCS/17-18/7169 /20170069 dt. 05.10.17
<b>Estimated Cost :</b> Rs 65.19 lacs.	<b>Time of comp. :</b> 12 months
<b>BILL OF QUANTITY</b>	

Sn	Activity Code Description of Activity	Qty Unit	Rate (in Rs.)	Amount (in Rs.)
<b>SCHEDULE ITEMS BASED ON DSR 2012</b>				
1	WWDN20120384 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. : All kinds of soil ( S. I. No. : 2.6.1 )	725 cum	129.35	93778.75
2	WWDN20120426 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. ( S. I. No. : 2.25 )	50 cum	83.80	4190.00
3	WWDN20120429 Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete. ( S. I. No. : 2.27 )	20 cum	749.30	14986.00
4	WWDN20120471 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work upto plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) ( S. I. No. : 4.1.3 )	250 cum	4514.05	1128512.50
5	WWDN20120476 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work upto plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) ( S. I. No. : 4.1.8 )	430 cum	3593.30	1545119.00
6	WWDN20120504 Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size). ( S. I. No. : 4.10 )	165 sqm	207.55	34245.75
7	WWDN20120593 Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). ( S. I. No. : 5.3 )	32 cum	5494.55	175825.60

8	WWDN20120535 Centering and shuttering including strutting, propping etc. and removal of form for : : Suspended floors, roofs, landings, balconies and access platform ( S. I. No. : 5.9.3 )	178 sqm	311.20	55393.60
9	WWDN20120537 Centering and shuttering including strutting, propping etc. and removal of form for : : Lintels, beams, plinth beams, girders, bressumers and cantilevers ( S. I. No. : 5.9.5 )	55 sqm	262.25	14423.75
10	WWDN20120579 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. : Cold twisted bars ( S. I. No. : 5.22.3 )	3200 kilogram	62.25	199200.00
11	WWDN20122757 Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections. ( S. I. No. : 5.30 )	50 metre	22.25	1112.50
12	WWDN20120618 Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : : Cement mortar 1:6 (1 cement : 6 coarse sand) ( S. I. No. : 6.1.2 )	330 cum	3316.55	1094461.50
13	WWDN20120623 Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : : Cement mortar 1:4 (1 cement : 4 coarse sand) ( S. I. No. : 6.4.1 )	300 cum	4067.85	1220355.00
14	WWDN20120781 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately). : Sal wood ( S. I. No. : 9.1.2 )	85 cum	68648.90	58351.57
15	WWDN20120790 Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete. : Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. : 30 mm thick shutters ( S. I. No. : 9.5.1.2 )	32 sqm	2162.65	69204.80
16	WWDN20120893 Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete. : Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. ( S. I. No. : 9.5 )	34 sqm	1033.85	35150.90
17	WWDN20120926 Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : : 250x16 mm ( S. I. No. : 9.62.2 )	10 each	129.85	1298.50
18	WWDN20120931 Providing and fixing ISI marked 85x42 mm oxidised M.S. pull bolt lock conforming to IS : 7534 with necessary screws bolts, nut and washers etc. complete. ( S. I. No. : 9.64 )	40 each	60.15	2406.00
19	WWDN20120934 Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : : 125 mm ( S. I. No. : 9.66.1 )	16 each	23.75	380.00
20	WWDN20121130 Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : : Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer. ( S. I. No. : 10.3 )	6 sqm	4234.25	25405.50

21	WWDN20121165 Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. : In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete ( S. I. No. : 10.25.1 )	500 kg	67.20	33600.00
22	WWDN20121183 Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. : 40 mm thick with 20 mm nominal size stone aggregate ( S. I. No. : 11.3.1 )	150 sqm	280.05	42007.50
23	WWDN20121259 Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete. ( S. I. No. : 11.37 )	160 sqm	764.55	122328.00
24	WWDN20121402 12 mm cement plaster of mix :: 1:6 (1 cement: 6 fine sand) ( S. I. No. : 13.1.2 )	1400 Sqm	112.50	157500.00
25	WWDN20121404 15 mm cement plaster on the rough side of single or half brick wall of mix :: 1:6 (1 cement: 6 fine sand) ( S. I. No. : 13.2.2 )	1500 Sqm	130.20	195300.00
26	WWDN20121425 6 mm cement plaster of mix :: 1:3 (1 cement: 3 fine sand) ( S. I. No. : 13.16.1 )	160 Sqm	101.00	16160.00
27	WWDN20121439 Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. ( S. I. No. : 13.26 )	400 Sqm	83.80	33520.00
28	WWDN20121458 White washing with lime to give an even shade: : New work (three or more coats) ( S. I. No. : 13.37.1 )	320 Sqm	11.75	3760.00
29	WWDN20121473 Applying priming coat :: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) ( S. I. No. : 13.50.1 )	100 Sqm	25.85	2585.00
30	WWDN20121476 Applying priming coat :: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat) ( S. I. No. : 13.50.4 )	50 Sqm	11.40	570.00
31	WWDN20121491 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: : Two or more coats on new work. ( S. I. No. : 13.60.1 )	1350 Sqm	60.25	81337.50
32	WWDN20121616 Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: : One or more coats on old work. ( S. I. No. : 14.53.1 )	500 Sqm	39.30	19650.00

33	WWDN20121617	160	35.20	5632.00
	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :: One or more coats on old work. ( S. I. No. : 14.54.1 )	Sqm		
34	WWDN20121864	2	2964.10	5928.20
	Providing and fixing water closet squatting pan ( Indian type W.C. pan ) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device(handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :: White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests. ( S. I. No. : 17.1.1 )	Each		
35	WWDN20121875	2	8445.00	16890.00
	Providing and fixing single equal plain invert branch of required degree: : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern. ( S. I. No. : 17.5.2 )	Each		
36	WWDN20121882	2	1628.95	3257.90
	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap. ( S. I. No. : 17.7.2 )	Each		
37	WWDN20121893	1	2206.95	2206.95
	Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required :: White glazed fire clay kitchen sink of size 600x450x250 mm. ( S. I. No. : 17.9.1 )	Each		
38	WWDN20121909	2	139.45	278.90
	Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: : 250x130x30 mm ( S. I. No. : 17.17.1 )	One Pair		
39	WWDN20121930	7	59.50	416.50
	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. : Semi rigid pipe : 32 mm dia ( S. I. No. : 17.28.1.1 )	Each		
40	WWDN20121936	4	674.05	2696.20
	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. ( S. I. No. : 17.31 )	Each		

**Total: Rs. 65,19,425.87**

**Note:** i) RATES SHOULD BE QUOTED IN FIGURES AS WELL AS IN WORDS.

ii) IN CASE OF CUTTING AND OVERWRITING IN RATES, TENDER MAY BE DECALRED INVALID.

iii) RATES NOT QUOTED IN THE MANNER ABOVE, TENDER MAY BE REJECTED.

iv) IN THE CASE RATE QUOTED IN WORDS AND FIGURES IS DIFFERENT; THE RATES QUOTED IN WORD WILL BE TAKEN

**PRICE BID**

**PART-II**

<b>OFFICE OF THE SR. DGM (WEX-WCS,FCX) BHEL HARDWAR</b>	
<b>Name of work :</b> Construction of office building, Patrolling road & Plant boundary wall for 7 MLD STP at BHEL Haridwar.	<b>Date of opening:</b> NIT No: BHEL/HEEP/WEX-WCS/17-18/7169 /20170069 dt. 05.10.17
<b>Estimated Cost : Rs 65.19 lacs.</b>	<b>Time of comp. : 12 months</b>
<b>BILL OF QUANTITY</b>	

Sn	Activity Code	Qty	Rate	Amount
	Description of Activity	Unit	(in Rs.)	(in Rs.)
<b>SCHEDULE ITEMS BASED ON DSR 2012</b>				
1	WWDN20120384 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. : All kinds of soil ( S. I. No. : 2.6.1 )	725 cum	129.35	93778.75
2	WWDN20120426 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. ( S. I. No. : 2.25 )	50 cum	83.80	4190.00
3	WWDN20120429 Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete. ( S. I. No. : 2.27 )	20 cum	749.30	14986.00
4	WWDN20120471 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work upto plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) ( S. I. No. : 4.1.3 )	250 cum	4514.05	1128512.50
5	WWDN20120476 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All work upto plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) ( S. I. No. : 4.1.8 )	430 cum	3593.30	1545119.00
6	WWDN20120504 Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size). ( S. I. No. : 4.10 )	165 sqm	207.55	34245.75
7	WWDN20120593 Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). ( S. I. No. : 5.3 )	32 cum	5494.55	175825.60

8	WWDN20120535 Centering and shuttering including strutting, propping etc. and removal of form for : : Suspended floors, roofs, landings, balconies and access platform ( S. I. No. : 5.9.3 )	178 sqm	311.20	55393.60
9	WWDN20120537 Centering and shuttering including strutting, propping etc. and removal of form for : : Lintels, beams, plinth beams, girders, bressumers and cantilevers ( S. I. No. : 5.9.5 )	55 sqm	262.25	14423.75
10	WWDN20120579 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. : Cold twisted bars ( S. I. No. : 5.22.3 )	3200 kilogram	62.25	199200.00
11	WWDN20122757 Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections. ( S. I. No. : 5.30 )	50 metre	22.25	1112.50
12	WWDN20120618 Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : : Cement mortar 1:6 (1 cement : 6 coarse sand) ( S. I. No. : 6.1.2 )	330 cum	3316.55	1094461.50
13	WWDN20120623 Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : : Cement mortar 1:4 (1 cement : 4 coarse sand) ( S. I. No. : 6.4.1 )	300 cum	4067.85	1220355.00
14	WWDN20120781 Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately). : Sal wood ( S. I. No. : 9.1.2 )	85 cum	68648.90	58351.57
15	WWDN20120790 Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete. : Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. : 30 mm thick shutters ( S. I. No. : 9.5.1.2 )	32 sqm	2162.65	69204.80
16	WWDN20120893 Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete. : Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. ( S. I. No. : 9.5 )	34 sqm	1033.85	35150.90
17	WWDN20120926 Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : : 250x16 mm ( S. I. No. : 9.62.2 )	10 each	129.85	1298.50
18	WWDN20120931 Providing and fixing ISI marked 85x42 mm oxidised M.S. pull bolt lock conforming to IS : 7534 with necessary screws bolts, nut and washers etc. complete. ( S. I. No. : 9.64 )	40 each	60.15	2406.00
19	WWDN20120934 Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : : 125 mm ( S. I. No. : 9.66.1 )	16 each	23.75	380.00
20	WWDN20121130 Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : : Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer. ( S. I. No. : 10.3 )	6 sqm	4234.25	25405.50

21	WWDN20121165 Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. : In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete ( S. I. No. : 10.25.1 )	500 kg	67.20	33600.00
22	WWDN20121183 Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. : 40 mm thick with 20 mm nominal size stone aggregate ( S. I. No. : 11.3.1 )	150 sqm	280.05	42007.50
23	WWDN20121259 Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete. ( S. I. No. : 11.37 )	160 sqm	764.55	122328.00
24	WWDN20121402 12 mm cement plaster of mix :: 1:6 (1 cement: 6 fine sand) ( S. I. No. : 13.1.2 )	1400 Sqm	112.50	157500.00
25	WWDN20121404 15 mm cement plaster on the rough side of single or half brick wall of mix :: 1:6 (1 cement: 6 fine sand) ( S. I. No. : 13.2.2 )	1500 Sqm	130.20	195300.00
26	WWDN20121425 6 mm cement plaster of mix :: 1:3 (1 cement: 3 fine sand) ( S. I. No. : 13.16.1 )	160 Sqm	101.00	16160.00
27	WWDN20121439 Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. ( S. I. No. : 13.26 )	400 Sqm	83.80	33520.00
28	WWDN20121458 White washing with lime to give an even shade: : New work (three or more coats) ( S. I. No. : 13.37.1 )	320 Sqm	11.75	3760.00
29	WWDN20121473 Applying priming coat :: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) ( S. I. No. : 13.50.1 )	100 Sqm	25.85	2585.00
30	WWDN20121476 Applying priming coat :: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat) ( S. I. No. : 13.50.4 )	50 Sqm	11.40	570.00
31	WWDN20121491 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: : Two or more coats on new work. ( S. I. No. : 13.60.1 )	1350 Sqm	60.25	81337.50
32	WWDN20121616 Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: : One or more coats on old work. ( S. I. No. : 14.53.1 )	500 Sqm	39.30	19650.00

33	WWDN20121617 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :: One or more coats on old work. ( S. I. No. : 14.54.1 )	160 Sqm	35.20	5632.00
34	WWDN20121864 Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device(handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required :: White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests. ( S. I. No. : 17.1.1 )	2 Each	2964.10	5928.20
35	WWDN20121875 Providing and fixing single equal plain invert branch of required degree: : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern. ( S. I. No. : 17.5.2 )	2 Each	8445.00	16890.00
36	WWDN20121882 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap. ( S. I. No. : 17.7.2 )	2 Each	1628.95	3257.90
37	WWDN20121893 Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required :: White glazed fire clay kitchen sink of size 600x450x250 mm. ( S. I. No. : 17.9.1 )	1 Each	2206.95	2206.95
38	WWDN20121909 Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: : 250x130x30 mm ( S. I. No. : 17.17.1 )	2 One Pair	139.45	278.90
39	WWDN20121930 Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. : Semi rigid pipe : 32 mm dia ( S. I. No. : 17.28.1.1 )	7 Each	59.50	416.50
40	WWDN20121936 Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. ( S. I. No. : 17.31 )	4 Each	674.05	2696.20

**Total: Rs. 65,19,425.87**

Rate quoted by the tenderer in percent (above/ below/ at par) for the rates given above.	In figures →	..... % above / below / at par (tick the relevant)
	In words →	

**Note:** i) RATES SHOULD BE QUOTED IN FIGURES AS WELL AS IN WORDS.

ii) IN CASE OF CUTTING AND OVERWRITING IN RATES, TENDER MAY BE DECALRED INVALID.

iii) RATES NOT QUOTED IN THE MANNER ABOVE, TENDER MAY BE REJECTED.

iv) IN THE CASE RATE QUOTED IN WORDS AND FIGURES IS DIFFERENT; THE RATES QUOTED IN WORD WILL BE TAKEN.