



INVITATION TO TENDER

Ref: OPS/OS/AMC/2017-18/40/047

Date: 08.08.2017

Sub: AMC for Civil Maintenance of Factory Buildings in BHEL-HPVP, Visakhapatnam.

Sealed tenders are invited under **two bid system**, Techno-Commercial Bid (Part-I) and Price Bid (Part-II) from the reputed and experienced contractors with sound technical and financial capability for the subject work.

SL. NO.	NAME OF THE WORK	ESTIMATE VALUE ₹	EMD ₹	CONTRACT PERIOD	LAST DATE FOR RECEIPT OF TENDER
01	AMC for Civil Maintenance of Factory Buildings in BHEL-HPVP, Visakhapatnam as per detailed scope of work.	21.20 Lakhs	42,400/-	One Year	22.08.2017 up to 14.00 Hrs.

1.0 ELIGIBILITY CRITERIA

- I) Average annual turnover of the contractor during the last 3 years ending 31st March 2017 should be at least 30% of the estimated value. (i.e. ₹ 6.36 Lakhs) In case annual turnover for FY 2016-17 is not finalized or ITR is not submitted by the contractor, Average annual turnover during the last 3 years ending 31st March 2016 shall be considered.

Tenderer should enclose EPF, ESI, PAN, GSTIN New registration no., Income tax returns for last three years (FY 2013-14, 2014-15 & 2015-16/2016-17) and Profit & Loss account and Balance Sheet certified by the Practicing Chartered Accountant for the last 3 years.

- II) The Contractor should have experience of completing similar works during last 7 years ending 31st July 2017 as given below:
- (a) Three similar completed works costing not less than the amount equal to 40% of the estimated value (i.e. ₹ 8.48 Lakhs each)
- OR
- (b) Two similar completed works costing not less than the amount equal to 50% of the estimated value. (i.e. ₹ 10.60 Lakhs each)
- OR
- (c) One similar completed work costing not less than the amount equal to 80% of the estimated value. (i.e. ₹ 16.96 Lakhs)

Work orders & Job Completion Certificates from the customer shall be enclosed in support of successful and satisfactory completion of the orders.

Note: Similar work means Civil maintenance works on regular contract basis for State / Central Govt. / Undertakings / Private Firms.

- III) The works executed in the own name of the tenderer will only be considered for eligibility criteria.

2.0 SCOPE OF THE WORK

Work is to be carried out as per Special Conditions of Contract (Annexure-I) and Schedule of Items & Bill of Quantities (Annexure-VIII).

3.0 LOCATION OF WORK

The subject work is to be carried out in **Factory Premises** of BHEL, Heavy Plates & Vessels Plant (HPVP), Visakhapatnam, Andhra Pradesh.

4.0 EARNEST MONEY DEPOSIT

- I. The tenderer shall submit EMD for ₹ 42,400/- (Rupees Forty Two Thousand Four Hundred only) in the following forms only:
 - a) Cash Deposit as permissible under the extant Income Tax Act (before tender opening).
 - b) Electronic Fund Transfer credited in BHEL account (before tender opening).
 - c) Banker's Cheque/ Pay Order/ Demand Draft, in favour of BHEL, Visakhapatnam (along with offer)
- II. EMD by the tenderer will be forfeited as per NIT conditions, if:
 - a) 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.
 - b) The contractor fails to deposit the required security deposit or commence the work within the period as per LOI/ Contract.
 - c) 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.
- III. EMD given by all unsuccessful tenderers shall be refunded normally within 15 days of award of work.
- IV. EMD shall not carry any interest.
- V. EMD of successful tenderer will be retained as part of Security Deposit.

Note: Micro & Small Enterprises (MSEs) are eligible for exemption of EMD as per clause no. 28 Annexure – I.

5.0 CONTRACT PERIOD:

Contract shall be valid for a period of One Year from date of work order or Date of intimation by Civil maintenance department, whichever is later.

6.0 SECURITY DEPOSIT :

Security Deposit shall be collected from the successful tenderer as per clause 23 of Annexure – I.

7.0 INCOME TAX:

Income tax as per statutory requirement will be deducted on each payment made to the contractor and TDS certificate will be issued to this effect.

8.0 PAYMENT TERMS

R.A Bill payments will be arranged within 30 days from the date of submission of bill along with all relevant documents **or** 15 days from the date of clearance of the statutory compliance by IR Department whichever is later.

Note: All payments will be released only through RTGS / NEFT only.

9.0 PRICE SCHEDULE, TAXES & DUTIES :

- a. Prices shall be quoted in the price schedule attached to the tender for the complete scope of work. GST requirement is to be fulfilled as per annexure - GST
- b. The quoted prices shall be inclusive of all applicable taxes & duties as applicable as on due date of tender submission except GST. However, GST as applicable shall be payable by contractor and same shall be reimbursed by BHEL on submission of proof of payment along with the bill as per annexure - GST.

- c. In addition to existing taxes, any new taxes imposed by Central/ State Govt. shall be payable by the contractor and same shall be reimbursed on submission of relevant documents/proof of payment.
- d. In case, any new tax is imposed instead of existing tax, difference of the amount shall be reimbursed/ recovered on submission of documentary evidence.
- e. Any new tax is imposed by Central/ State Govt. or there is any variation in taxes after expiry of delivery / contract period, the same shall be borne by contractor only.
- f. All terms & conditions of the contract in respect of taxes & duties are subject to new taxation laws introduced time to time by Govt. and terms & conditions will deemed to be modified in accordance with the provisions of New Laws (i.e., GST).
- g. The quoted prices shall be fixed & firm without any escalation during the entire period of contract and till completion of the work.
- h. All rates shall be quoted in the tender format only.

10.0 REVERSE AUCTION:

“BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders have to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit ‘Process compliance form’ (to the designated service provider) as well as ‘Online sealed bid’ in the Reverse Auction. Non-submission of ‘Process compliance form’ or ‘Online sealed bid’ by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).”

As a reminder to the bidders, system will flash following message (in RED Color) during the course of ‘online sealed bid’:

General terms & conditions governing RA are mentioned in the special conditions at Annexure-VI.

11.0 VALIDITY OF OFFER:

The offer shall be valid for a period of **3 months** from the last date for tender submission.

12.0 RISK PURCHASE:

In case the contractor fails to execute the work due to any reason, BHEL reserves the right to get the same completed through some other party at the risk & cost of the contractor and any additional expenditure incurred due to the same shall be charged to the contractor.

13.0 GENERAL:**13.1 Bidders shall confirm their acceptance to all the terms & conditions of the tender enquiry.**

Deviations to the tender conditions are not acceptable and BHEL-HPVP reserves the right to reject such offers which do not meet Technical/ Commercial requirements without any/ further correspondence.

Bids not accompanied with requisite EMD, late / delayed bids, incomplete / conditional offers, bids not conforming to the terms & conditions specified in the tender documents are liable for rejection.

13.2 BHEL reserves the right to modify or cancel or short close the tender at any stage at its discretion without assigning any reason thereof.

13.3 The bidders shall study the Tender documents, Drawings and all other relevant documents in detail for understanding the scope of work involved in various items before submission of offers. One complete set of reference drawings and other relevant documents pertaining to subject job / Project covered in the scope of this tender are available at Civil Maintenance Dept. and the same can be referred during working hours from 9.00 AM to 4.00 PM.

For any clarifications required on this tender document, scope of work etc., the bidders shall depute their authorized representatives to HPVP, Visakhapatnam with prior intimation to get clarifications from concerned authorities.

13.4 Sr. Manager (Civil) shall be the Engineer-in-charge for herein after referred to as such in the tender.

13.5 Lowest offer need not be the rate acceptable to BHEL-HPVP. BHEL-HPVP reserves the right for negotiation with the L1 bidders or opt for Reverse Auction as per applicable guidelines.

13.6 The following documents (enclosed) shall form part of the contract including this Notice Inviting Tender:

PART - I: TECHNO COMMERCIAL BID

- | | |
|---|------------------|
| a) Special Conditions of Contract | : Annexure – I |
| b) Rules & Regulations for Operation | : Annexure – II |
| c) Minimum Wages as per Central Labour Department | : Annexure – III |
| d) Terms & Conditions of Reverse Auction | : Annexure – IV |
| e) Acceptance to the tender terms & conditions | : Annexure – V |
| f) Contractor Information | : Annexure – VI |
| g) Check List | : Annexure – VII |

PART - II: PRICE BID

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|---|-------------------|
| h) Price Bid (Schedule of items and Bill of Quantities) | : Annexure – VIII |
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14.0 TENDER SUBMISSION:**14.1 The Bid shall be submitted in two parts.**

Part-I: Techno-Commercial Bid shall be placed in one cover along with the following documents:

- I) Earnest Money Deposit of ₹ 42,400/-.
- II) Income tax returns for last 3 year, Profit & Loss account and Balance Sheet certified by the Practicing Chartered Accountant for the last 3 years
- III) Copy of P.F. Registration Certificate.
- IV) Copy of E.S.I Registration Certificate.
- V) Experience Certificates in line with eligibility criteria
- VI) Copy of GSTIN Registration Certificate.
- VII) Copy of PAN.
- VIII) All other applicable documents as detailed in the tender

Part-II: Price Bid in the prescribed format shall be placed in **another separate cover**.

The tender documents including the various supporting documents enclosed by the bidder should be **signed on all pages with seal**.

Both covers containing Part – I & Part – II bids, shall be placed in **another** bigger size envelope duly super scribing the **Tender No. & Subject** on the envelope.

- 14.2 The tender completed in all respects **shall be dropped** in the **Outsourcing** tender box kept at reception counter, ADM building **latest by 14.00 Hrs. on 22.08.2017.**

Bidder may also send their offers by Post to "**Outsourcing Tender Box, Adm. Building, BHEL - HPVP, Visakhapatnam – 530012**".

Last date for receipt of tenders is **22.08.2017 up to 14.00 hrs.** BHEL-HPVP is not responsible for any postal or other delays in submission of offers.

Offers received in any other form will not be accepted.

- 14.3 Submission of offer by a tenderer implies that all the tender documents were read by the tenderer and the tenderer is aware of the scope and specifications of the work, site condition, local conditions and rates at which stores, tools and plant, free / chargeable materials etc., will be issued to him by BHEL - HPVP and other factors having bearing on the execution of the work.

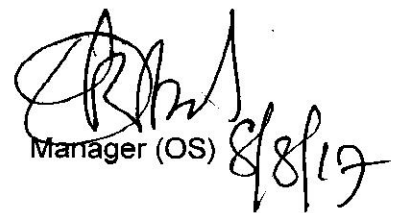
15.0 OPENING OF TENDERS :

Techno-commercial Bids will be opened on **22.08.2017 at 14.00 Hrs.** at Customer Cell, Adm. Building, BHEL- HPVP. The bidders may depute their representatives at the time of opening. The price bid of the technically qualified bidders will also be opened in the presence of representatives of the bidders and the date & time of opening of price bids will be intimated later. In case of reverse auction, the date of conducting reverse auction will be intimated in advance at appropriate time.

If bids are not accompanied by requisite Earnest Money Deposit / Valid MSME / Valid NSIC Registration Certificate along with Part- I (Techno Commercial Bid), then Part-II (Price Bid) will not be considered for opening.

Yours Faithfully,

For BHARAT HEAVY ELECTRICALS LIMITED,


Manager (OS) 8/8/17

SPECIAL CONDITIONS OF CONTRACT

1. These conditions should be read in conjunction with general conditions of contract of BHEL, Visakhapatnam – 530012
2. Water and Electricity required for construction shall be supplied at a single point at free of cost.
3. Any time during construction if it is found that the water is being wasted, penalty at the rate of Rs. 100.00 per day will be levied for those days on which it is found.
4. The Department has the right to stop the water supply to contractor at any stage without giving any prior notice due to shortage of water. The contractor in such cases has to make his own arrangements for such periods at his own cost.
5. In case of ambiguity in schedule, specification or details the same shall be read / followed as per I.S / CPWD specifications for the respective items in consultation with Engineer-In-Charge and generally confirming to I.S. or CPWD specifications.
6. The contractor should arrange work in general shift only between 8.00 AM to 4.30 PM on all working days of the Department. If required they should also work on Sundays / Holidays as required for some items which are specifically mentioned in the S.O.Q. and no extra payment will be made on this account by company.
7. Since the work involves different agencies, contractor should co-ordinate with other agencies to plan the work and ensure the progress of work as directed.
8. In respect of material supplied if used in excess by the contractor over the requirements as determined by the Engineer-in-Charge recovery shall be made from the contractor's bills at the rates fixed by the department.
9. The contractor shall maintain the account of all materials supplied by BHEL, Visakhapatnam and this should be available at site for inspection and for verification.
10. All the rates include all depths / heights and leads / lifts including work at all level unless otherwise specified.
11. Contractor should produce labour license & insurance to cover accidental risk of all categories of workmen under the workmen compensation Act etc.
12. Material required for jobs and fixtures required to fabricate and erect the structural components, but not used up in the works shall be arranged by the contractor. BHEL, Visakhapatnam will not supply such material.
13. The successful tenderer should maintain a site office cum stores within the premises at the site shown by the company and should maintain the minimum stock of all materials to attend the works in short notice. The contractor or his representative should be available at all times at site during office hours to receive instructions.
14. The contractor has to arrange his own tools and plants such as road roller, mixers, vibrators, scaffolding etc., it is not binding on BHEL, Visakhapatnam to arrange these on hire.
15. All tools, plants and materials brought inside the campus should be registered at the security gate while bringing inside. No gate pass will be given to take back the above on completion of work if the contractor fails to show the security department's certification that the material has been brought inside.
16. The quantities provided in the schedule are only provisional and may vary according to exigencies of work and no claim can be entertained on this score.

SPECIAL CONDITIONS OF CONTRACT

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17. CEMENT AND STEEL ARE IN CONTRACTOR'S SCOPE.

18. The contractor shall forward a bar-chart indicating proposal to complete the work within the stipulated period. BHEL, Visakhapatnam reserves the right to fix the priorities and revise the bar-chart. The bar-chart shall be submitted before entering into formal agreement for specific works.
19. The contractor should follow the rules and regulations annexed with for employment of labour by contractors in BHEL, Visakhapatnam.
20. In respect of items where fabrication and erection of structural are involved and erection cannot be taken up immediately due to various reasons, 75% of quoted rate will be paid on completion of fabrication work and balance 25% will be paid on completion of erection.
21. Work Contract Tax on the bill value will be deducted at source at the rates specified by the Government from time to time as per the Act.

22. PAYMENT TERMS

R.A Bill payments will be arranged after 30 days from the date of bill or 15 days from the date of clearance of the statutory compliance by IR Department whichever is later.

23. SECURITY DEPOSIT:

- A. Security deposit means the security provided by the contractor towards fulfillment of any obligations in terms of the provisions of the contract.
- B. The total amount of the 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.

C. 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:

- a) Cash (as permissible under the extant Income Tax Act).
- b) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL.
- c) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the companies act. The bank guarantee format should have the approval of BHEL.
- d) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the companies' act (FDR should be in the name of the contractor, a/c BHEL.
- e) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL)

Note: Acceptance of Security Deposit against Sl. No. (d) and (e) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However, 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).

D. Collection of Security deposit:

At least 50% of the required security deposit, including the EMD, should be submitted before start of the work. Balance security deposit can be collected 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.

SPECIAL CONDITIONS OF CONTRACT

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- E. Security Deposit / Bank Guarantee will be released after the maintenance period of **2 months** or on closure of contract whichever is later.
- F. The security deposit shall not carry any interest.
24. Income Tax will be deducted as per the statutory rules from time to time.
25. Tenderer have to pay GST as per the latest prevailing statutory rules from time to time. Paid GST amount will be reimbursed on submission of documentary evidence of payment as per prevailing rules.
26. The tenderer should satisfy all the statutory obligations required under statues of the Government from time to time.
27. If incomplete tenders in the form is furnished or where total value is not entered, such tenders will be summarily rejected. Management reserves the right to accept or reject any or all the tenders or part thereof without assigning any reason whatsoever. No correspondence will be entertained when once the tenders are decided.
28. "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-A** 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 benefits shall be applicable for this enquiry if any deficiency in the above required documents is not submitted before price bid opening. Documents should be notarized or attested by a Gazetted officer".
29. **Fraud Prevention Policy :**
- "The bidder along with its associate/ collaborators/sub-contractors/sub-vendors/consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice".

SIGNATURE OF THE TENDERER WITH SEAL

RULES AND REGULATIONS FOR OPERATION

1. The Contractor shall pay the minimum wages to the contract labour as notified by the Central Government from time to time. The Government Order indicating the present rate of minimum wages is enclosed at Annexure –III. **The Quoted Rate shall be firm throughout the contract period. No cost escalation will be paid on any account. The contractor has to consider the future escalation and increase of labour wages while quoting the rate.**
2. The contractor shall pay the wages for the Weekly day of rest and also on Public Holidays being observed by the company.
3. The contract should cover all his labour under ESI scheme to provide Medical facilities and also insurance to cover accidental benefits as specified in the relevant acts.
4. Contractors should have individual P.F. codes. In the absence of the individual P.F Code No. within 30 days of L.O.I, the contract will be treated as cancelled. The contractor should cover the workers under Provident Fund Act and make necessary deposits with the PF Commissioner as per statutory regulations.
5. The contractor should pay the amount towards Bonus, Retrenchment compensation and Encashment of non-availed earned leave to his workmen on completion of the contract and submit proof of such payment along with final bill.
6. The contractor should make his own arrangement for providing TEA / BREAKFAST / MEALS etc., to the labour engaged by him and BHEL, Visakhapatnam shall not issue any subsidized coupons for this purpose.
7. The contractor shall provide identity cards to the labour engaged by him, which will be produced by them on demand to officers or other staff of the company. The company's security personnel shall have the right to check the persons of contractor's employees while going out of office premises and there shall be no cause or grouse on this account either form the contactor or his employees.
8. The contractor shall be responsible for any loss or damage caused to properties belonging to the company by any of the contractor's employees or staff by theft or otherwise and the contractor shall indemnify to the company the value of such properties on demand on that behalf.
9. The contractor shall be responsible to ensure that his employees follow safety rules & regulations as per statutory regulations and also instructions of the company. The company will have the right to object to any unsafe practice and the contractor will abide by the directions of the company in this regard. The contractor shall provide all necessary safety appliances (Safety Shoe & Helmet is must for all workers and the other appliances as per the need & requirement of the work) to his laborers and shall be solely responsible for the same.
10. The contractor shall maintain register of accidents and intimate about the occurrence of any kind of accidents and circumstances leading to the accident to the In-charge (Safety) and In-charge (Civil) of the company.
11. The contractor shall not employ Sub-Contractor without the prior approval of the company.
12. The contractor shall maintain the following registers in the prescribed manner under the statute and shall ensure availability of up-to-date records near the work place.

RULES AND REGULATIONS FOR OPERATION

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- a. Muster Roll
 - b. Muster Roll-Cum Wage Register
 - c. Register of Over Time
 - d. Register of Fines
 - e. Register of Advances
 - f. Register of Deductions
 - g. To issue Employment Card to the Workmen
 - h. To issue Wage Slip
 - i. In case of termination of employment, the contractor shall issue service certificate
13. The agreement / contract shall remain in force for a period of **12 Months** from the issue of LOI or unless determined earlier without notice at the option of the company or happening of any of the circumstances mentioned below.
- a. If the contractor fails or neglects to render the said services or any of them to the satisfaction of BHEL, Visakhapatnam or if the contractor commits breach of any of the rules and regulations.
 - b. If the business of the contractor is wound up or dissolved or if any receiver is appointed or attachment is levied in respect of any of his properties and assets.
14. The contract can be terminated with **Two (2) Months notice** in writing on either side without assigning any reason whatsoever.
15. Notwithstanding any contrary provision herein contained this agreement may be renewed at the option of the company for any further period on the same terms and conditions as herein contained except the rate mutually agreed on such renewal and on the exercise of such option of the company and contractor shall immediately enter into a renewed agreement with the company in writing.
16. The right hereunder and / or this agreement cannot be assigned or otherwise transferred by the contractor to any person or persons or any corporation whatsoever without the written prior approval of the company.
17. The contractor shall take necessary license in respect of his trade / business and the contractor shall be personally liable in respect of this agreement. The contractor shall hold valid license as per the contract labour (Regulation & Abolition) act for engagement of labour.
18. The contractor shall at his own costs, if required under the statutory obligations, effect necessary insurance in respect of the said staff, materials and other personnel of persons to be employed by the contractor in connection with his rendering of the aforesaid service to the company and shall comply with the provisions of Andhra Pradesh Shops & Establishment Act, Contract Labour (regulation & abolition) Act. Payment of wages Act, Minimum Wages Act, ESI Act, Employees provident Fund (Family Pension Fund) Act. 1972, Bonus Act if applicable to them and shall keep the company indemnified from all Act or omissions, faults, breaches and / or any claims, demands, liabilities, actions, proceedings, cost, charges, loss injuries, and expenses for which the company may be put or involved as a result of the contractor's failure to fulfill any of the obligations herein and / or statutes and / or any bye-laws or rules framed there under or any of them.

RULES AND REGULATIONS FOR OPERATION

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19. During the contract period, no reimbursements whatsoever will be made to the contractor over and above the rate quoted by the contractor and agreed to by the company for all the items.
20. The contractor shall intimate to the Manager (IR) / IR Department officials in writing about the payment days during a month and the wages for the workmen shall be paid in the presence of the representatives of the concerned department and obtain the signature of the department representative in the wages register.
21. The contractor shall be responsible to make payment to the workers on working days at the work site on the date notified in advance. In case of termination of employment due to completion of work, the contractor shall ensure final payment to the concerned workmen within 48 hours of the last working day.
22. No wage period shall exceed one month.
23. The contractor shall exhibit a notice at his work place indicating rate of wages, hours of work, wage period, date of payment of wages, name and address of Inspector having jurisdiction. This notice is required to be exhibited in English and also in local languages.
24. The contractor shall be responsible to follow the various laws applicable to his workers such as contract labour (Regulations & Abolition) Act, Minimum Wages Act, Payment of Wages Act, Payment of Bonus Act, Provident fund Act, Employees State Insurance Act, etc. and the rules made there under from time to time.
25. Any dispute arising out of the contract will be referred to the Unit Head whose decision is final and binding on both the parties.
26. The general conditions of contract are available with the head – civil department. Contractors may refer / verify the same.
- 27. The Contractor shall be liable to pay applicable minimum wages to its contract labour as notified by the appropriate authority from time to time including all statutory payments/ contributions such as VDA, Provident Fund, ESI, EDLI, Bonus, Leave Salary, Terminal benefits, yearly holidays etc.**

SIGNATURE OF THE TENDERER WITH SEAL

**MINIMUM WAGES AS PER CENTRAL LABOUR DEPARTMENT
w.e.f 01.04.2017**

All values are in ₹

SL. No	DESCRIPTION	Unskilled	Semi Skilled	Skilled
1	Minimum Wage	448.00	506.00	593.00
2	PF @ 13.61%	60.97	68.86	80.70
3	ESI @ 4.75%	21.28	24.03	28.16
4	Bonus @ 8.33%	37.31	42.14	49.39
5	Leave Wages (18 days / Year)	25.84	29.19	34.21
6	Terminal Benefit for (15 days / year)	21.53	24.32	28.50
7	Holidays for 10 days	14.35	16.21	19.00
	TOTAL	629.28	710.75	832.96

SIGNATURE OF THE TENDERER WITH SEAL

GENERAL TERMS AND CONDITIONS OF RA (REVERSE AUCTION)

BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders have to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit „online sealed bid“ in the Reverse Auction. Non-submission of „online sealed bid “ by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.”

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to “REVERSE AUCTION PROCEDURE” i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit „online sealed bid“ in the Reverse Auction. Non-submission of „online sealed bid“ by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at “Total Cost to BHEL” like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.

GENERAL TERMS AND CONDITIONS OF RA (REVERSE AUCTION)

::2::

10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL"s standard practice.
12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction“, which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action *as per extant BHEL guidelines*, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.

SIGNATURE OF THE TENDERER WITH SEAL

* * *

Ref: OPS/OS/AMC/2017-18/40/047

Date: 08.08.2017

Sub: AMC for Civil Maintenance of Factory Buildings in BHEL-HPVP, Visakhapatnam

ACCEPTANCE TO TENDER TERMS & CONDITIONS

I / We hereby confirm that the Tender documents, all Annexures etc. have been studied in detail and we have fully understood the scope of work.

I / We accept to all the Terms and Conditions of the Tender Enquiry and the prices quoted are in accordance with the same.

I / We accept to offer valid for a period of **3 months** from the last date for tender submission.

I / We give our acceptance to participate in Reverse Auction in case BHEL decides to go for reverse auction for this tender.

Tender documents duly signed on all the pages by the Owner / authorized representative of the bidder are attached herewith.

SIGNATURE OF THE TENDERER WITH SEAL

CONTRACTOR INFORMATION

Sl. No.	Particulars	To be Filled by Bidder
01.	Name of the Contractor	
02.	Nature of Firm / Concern (Proprietor/Partnership/Pvt. Limited/Public Ltd.) Note: In case of partnership concern, please enclose photo copies of the partnership deed	
03.	Full address	
04.	Name of the Proprietor/Partner	
05.	Name of the Person(s) and designation authorized for signing the contract/dealing with BHEL	
06.	Telephone No. of the firm	
07.	Fax No.	
08.	Mobile No.	
09.	E-mail ID	
09.	Organizational structure with name and designation	

CHECK LIST

Sl. No.	Particulars	Document Enclosed (Yes / No)	Document No.
01.	Name of the Contractor		
02.	Tender Document Signed & Stamped		
03.	Earnest Money Deposit (EMD) @ ₹ 42,400/-		
04.	PF Registration Certificate		
05.	ESI Registration Certificate		
06.	GSTIN Registration Certificate		
07.	PAN Number		
08.	Income Tax Returns for last 3 years (FY 2013-14, 2014-15 & 2015-16)		
9.	Profit & Loss account and Balance Sheet certified by the Practicing Chartered Accountant for the last 3 years		
10	Work orders & Job Completion Certificates in similar works as mentioned in eligibility criteria.		
11.	MSE Registration Documents, if applicable EM II certificate having deemed validity (5 years from 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-A where deemed validity of EM II certificate of five years has expired)		

Certificate by Chartered Accountant on letter head

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)dated
....., 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:

₹Lakhs

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:

₹Lakhs

(Strike off whichever is not applicable)

The above investment of ₹Lakhs is within permissible limit of
₹Lakhs forMicro/
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 year 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

ACCEPTANCE FOR ELECTRONIC FUND TRANSFER / RTGS / NEFT TRANSFER

01	NAME & ADDRESS OF THE SUPPLIER / SUBCONTRACTOR	
02	VENDOR CODE ASSIGNED BY BHEL,HPVP LTD	

DETAILS OF BANK ACCOUNT

03	NAME & ADDRESS OF THE BANK	
04	NAME OF THE BRANCH	
05	BRANCH CODE	
06	MICR CODE	
07	ACCOUNT NUMBER	
08	TYPE OF ACCOUNT	
09	BENEFICIARY'S NAME	
10	IFSC CODE OF THE BRANCH	
11	EMAIL ID	
12	TELEPHONE / MOBILE NUMBER	

CERTIFICATE

I / We here by agree to receive the payments due from M/s Bharat Heavy Electricals Ltd., by the National Electronic Fund Transfer / or RTGS Transfer mode by credit to my / our above mentioned Bank account. I / We also agree that payments made to the above mentioned account are a valid discharge of the liability of M/s Bharat Heavy Electricals Ltd. I / We also agree to bear the applicable Bank charges for the above mode of transfer. A copy of the cheque leaf/ cancelled cheque leaf of the above account is sent herewith.

(Authorized Signatories with Name & Seal)

BANKER'S CERTIFICATION

We confirm that we are enabled for receiving RTGS and NEFT credits and we further confirm that the account number of _____ (name of account holder), the signature of authorized signatory and the MICR and IFSC codes of our branch mentioned above are correct.

Place:

Bank Manager / Officer

Date:

Signature with Bank stamp and Name seal

FORWARDED TO ACCOUNTS DEPARTMENT / CASH SECTION

We confirm the above details are verified with the records available with us

Signature of BHEL Official with Name & Seal
Operating the contract / Services

PROCEDURE FOR GST PAYMENT

1. Availing Input Tax Credit (ITC) by BHEL:

1.1 GST portion of invoice shall be released only upon :-

1.1.1 Contractor declaring such invoice in his GSTR-1.

1.1.2 Receipt of goods and tax invoice by BHEL.

1.1.3 Confirmation of payment of GST thereon by contractor on GSTN portal.

1.2 Further, incase GST credit is delayed/ denied to BHEL due to non / delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from contractor along with interest levied/ leviable on BHEL.

1.3 Further, incase contractor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from contractor along with interest levied/ leviable on BHEL.

1.4 As per GST law, last date/ chance for availing ITC for any invoice/ debit note (including supplementary invoice) is the earliest of the following dates:

1.4.1 Date of filing of return for the month of September following the end of Financial Year to which such invoice or invoice relating to such debit not pertains (Due date- 20th Oct)

1.4.2 Date of filing of Annual Return (Due date- 31st Dec)

2. Reverse Charge(RCM)

2.1 A provision has been in GST law for payment of GST on reverse charge in respect of supply of goods as well as services.

2.2 In respect of goods, RCM liability to pay GST shall arise at the earliest of date of receipt of goods or date of payment to supplier or date immediately following 30 days from the date of issue of invoice by the supplier.

2.3 In respect services, reverse charge liability shall arise at the earliest of date of payment to service provider or 60 days from the date of issue of invoice by service provider.

2.4 Such reverse charge shall be applicable in respect of category of goods/ services.

2.5 Keeping in view the requirements of relevant provisions in GST, where in any GST liability arising on BHEL under reverse charge before actual receipt of goods and/ or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC base on receipt of goods, receipt of invoices and other conditions specified in GST law, as applicable.

PART – II

(PRICE BID)

**BHARAT HEAVY ELECTRICALS LIMITED
HEAVY PLATES & VESSELS PLANT
VISAKHAPATNAM – 530 012**

NAME OF WORK: AMC for Civil Maintenance of Factory Buildings in BHEL-HPVP, Visakhapatnam.

Tender Enquiry No: OPS/OS/AMC/2017-18/40/047, Date: 08.08.2017

- 1) Tenderers are requested to visit the site before submitting their tenders and go through the site conditions, nature and quantum of the job to be done and in general shall themselves obtain all necessary information as to risks, safety precautions, contingencies and other circumstances. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not, no claim shall be allowed.
- 2) Contractor shall pay the minimum wages to the contract labour as notified by Central Government from time to time.

In addition to the above the contractor has to comply with all the statutory requirement such as PF, ESI, Bonus, Leave wages, Retrenchment compensation etc.
- 3) The quantities provided in the schedule are only provisional & may vary according to exigency of the work and no extra claim can be entertained on this score.
- 4) The supply of the cement is in the contractor's scope. The cement used should be of the Grade – 43 /53 OPC conforming the IS 8112/1269 cement consumption should strictly be as per CPWD Specification.
- 5) The supply of Reinforcement Steel is also in the scope of contractor. The mild steel reinforcement bar should conform to IS 432 Gr. I and high yield deformed reinforcement bar to conform to IS 1786 or IS 1139.
- 6) In General all the materials are in the scope of contractor. Only water and power will be provided at a point free of charge and subsequent lines will be drawn by contractors at their own cost.
- 7) Before procurement of the materials, approval of the Engineer-in-charge regarding required quality and make/brand should be obtained.
- 8) Tenderers should have accidental insurance in favour of their work man.
- 9) All rates should be inclusive of scaffolding/staging or the full height of building so as to carry out the complete work. No additional payment will be made for the scaffolding work.
- 10) **The quoted prices shall be inclusive of all applicable taxes & duties as applicable as on date of tender submission except GST.** However, GST as applicable shall be payable by the contractor and same will be reimbursed by BHEL on submission of proof of payment.
- 11) **The quoted rate shall be fixed & firm throughout the contract period. No cost escalation will be paid on any account throughout the contract period for any item.**
- 12) **L1 shall be evaluated based on quoted total price**
- 13) **Offered discount / Increase will be considered for calculation of unit rate & total amount for each item**

SIGNATURE OF THE TENDERER WITH SEAL

**BHARAT HEAVY ELECTRICALS LIMITED
HEAVY PLATES & VESSELS PLANT
VISAKHAPATNAM – 530 012**

NAME OF WORK: AMC for Civil Maintenance of Factory Buildings in BHEL-HPVP, Visakhapatnam.

Tender Enquiry No: OPS/OS/AMC/2017-18/40/047, Date: 08.08.2017

SCHEDULE OF QUANTITY FOR THE WORK

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
1	Earth work in excavation in foundation or drains (not exceeding 1.5 m in width or 10 Sq.m. on plan) in all types of ordinary & Hard soil up to 1.50 m depth including getting out the excavated soil, dressing of sides and ramming of the excavated soil and disposal of surplus excavated soil as directed with in a lead of 50 m and neatly dressed. Rate also includes bailing or pumping out water during excavation due to sub soil water, rain water etc.				
1 a	All kinds of soil except rock.	Cu.m.	200	116.88	23,376.00
1 b	Same as item No.1 above in all kinds of soil for depths between 1.50 meter to 3.00 meter.	Cu.m.	50	160.71	8,035.50
1 c	Same as item No.1 above in all kinds of soil for depths between 3.00 meter to 4.50 meter.	Cu.m.	50	175.32	8,766.00
1 d	For Hard rock excavation at depth up to 4.50 meters.	Cu.m.	5	321.42	1,607.10
2	Earth work in surface dressing and leveling in all kinds of soil not exceeding 30 cm in depth but exceeding 1.50 m width as well as 10 sq.m on plan including disposal of surplus waste material.	Sq.m	3500	8.77	30,695.00
3	Back filling with available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc., in layers not exceeding 20 cm in depth, consolidating the filled earth deposited, in layer by ramming watering, lead up to 50 m etc., complete.	Cu.m	100	65.75	6,575.00
4	Supplying and filling Fine sand in plinth, under floors including watering, ramming, consolidating and dressing complete with all material, labour, tools and tackles as per specifications and direction of Engineer - in - charge.	Cu.m	5	1,302.84	6,514.20
5	Supply and filling quarry dust in plinth, under floors including watering, ramming, consolidating and dressing complete with all material, labour, tools and tackles as per specifications and direction of Engineer-in-charge.	Cu.m	10	414.54	4,145.40

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
6	Conveyance of surplus earth / debris materials by mechanical transport, loading, unloading and rough dressing complete as directed from any place to any area within BHEL premises.	Cu.m	500	159.89	79,945.00
7	Providing and laying plain cement concrete 1:5:10 (1 cement: 5 coarse sand: 10 graded granite stone aggregate of 40 mm nominal size) including cost of centering and shuttering in foundations, plinth and in flooring.	Cu.m	8	4,263.84	34,110.72
8	Providing and laying Reinforced cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded granite stone aggregate of 20 mm nominal size) in Foundation, Footing, bases of column and lintel etc. excluding cost of centering and shuttering and reinforcement steel NOTE: REINFORCEMENT STEEL WILL BE ISSUED AT FREE OF COST FROM STORES.	Cu.m	8	7,461.72	59,693.76
9	Providing and laying plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) excluding cost of centering and shuttering in foundations plinth, jacketing concreting, concrete for projection of steel stanchion bases etc., including finishing to a smooth and even surface complete as directed.	Cu.m	10	7,698.60	76,986.00
10	Providing and laying cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate of 12.5 mm nominal size) excluding cost of centering and shuttering for roof leak arresting screed concreting works and also for water proofing works in roof slabs/terrace area, including cost of water proofing chemical "Conplast X 421 IC" of fosroc chemical as per manufacturers specification, finishing with cement mortar (1:3) to a smooth and even surface complete as directed.	Cu.m.	10	7,343.28	73,432.80
11	M.S or RTS Reinforcement for RCC works including bending, binding and placing in position etc. complete excluding cost of steel but Rate includes cover blocks, cost of binding wire, and conveyance of MS/RTS bars from BHEL stores to site of work and for working in all heights.	MT	2	8,883.00	17766.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
12	Providing and Fixing Centering and Shuttering including strutting, propping etc., and removal of form work for :				
	(a) Foundation and Plinth	Sq.m.	25	229.71	5,742.75
	(b) Lintel, beams & Slabs etc.	Sq.m.	5	500.17	2,500.85
	c) For wooden pockets in machine foundation.	Sq.m.	2	1,480.50	2,961.00
13	Providing and Laying second class brick work in cement mortar 1:6 (1 cement : 6 coarse sand) below plinth and above ground level for all heights for wall repair work and manhole chambers.	Cu.m.	15	4,974.48	74,617.20
14	Providing and laying half brick masonry work in cement mortar 1:4 (1 cement : 4 coarse sand) using second class brick with hoop iron 25 mm x 1.6 mm or equivalent reinforcement at every third coarse embedded in cement mortar at all elevations / heights.	Sq.m.	35	634.25	22,198.75
15 a	Repairing the compound walls and drain by removing the old Cement mortar and making the wall good with fallen / slipped Random Rubble stones with CM 1:6 (1 Cement : 6 Fine sand) complete as directed.	Cu.m.	15	2,605.68	39,085.20
15 b	Providing and laying Random Rubble masonry compound wall with hard stone in foundation, plinth and in Super structure with cement mortar 1:6 (1 cement : 6 coarse sand) including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded granite stone aggregate 10 mm nominal size) at all levels.	Cu.m.	12	2,724.12	32,689.44
16	Removing of chowkats and Fixing new chowkats for windows including cutting masonry for hold fasts, embedding hold fast in cement concrete blocks with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded aggregate 20 mm nominal size) and making good the damages to walls and floors complete including disposal of rubbish to the dumping ground within 50 mts. lead. (Window chowkats will be supplied by BHEL)	Each	3	627.14	1,881.42

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
17	Removing of old chowkats and Fixing new chowkats for doors including embedding chowkats in floor, cutting masonry for hold fasts in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) and making good the damages to walls and floors complete including disposal of rubbish to the dumping ground within 50 mts. lead (Door Chowkats will be supplied by BHEL).	Each	3	1,009.94	3,029.82
18	Providing and laying 8 mm thick Vitrified Floor Tiles of first quality approved make and in all colours of required sizes in flooring etc., laid over a bed of cement slurry @ 3.30 Kg/Sq.m and a backing layer of 20 mm thick cement mortar 1:4 finished with flush pointing in white cement using appropriate colour pigment etc. complete all as per standard specifications.	Sq.m	50	1,338.37	66,918.50
19	Providing and fixing quality 6 mm thick glazed tiles for walls/ flooring including removal of old tiles and jointing with cement slurry mixed with pigment to match the shades of tiles.	Sq.m	100	1,065.96	1,06,596.00
20	Providing and fixing quality 6 mm thick glazed curved / channel type tiles for walls/ flooring including removal of old tiles and jointing with cement slurry mixed with pigment to match the shades of tiles.	RM	15	118.44	1,776.60
21	Providing and laying 6 mm thick cement plaster in cement mortar 1:3 (1 cement: 3 fine sand) in ceiling and other RCC structures.	Sq.m	100	118.44	11,844.00
22	Providing and laying 12 mm thick cement plaster in cement mortar 1:6 (1 cement: 6 coarse sand).	Sq.m	200	106.60	21,320.00
23	Providing and laying 20 mm thick cement plaster in cement mortar 1:6 (1 cement: 6 coarse sand) for outside Buildings.	Sq.m	10	118.44	1,184.40
24	Providing and laying flush pointing on stone work with cement mortar 1:3 (1 cement: 3 fine sand).	Sq.m	200	153.97	30,794.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
25	Demolishing, Chipping, cutting etc and stacking of serviceable material and disposal of unserviceable material complete within BHPV premises as directed.				
	a) RCC works including plastering.	Cu.m	5	1,722.77	8,613.85
	b) PCC works including plastering.	Cu.m	5	1,180.91	5,904.55
	c) RR Masonry in Cement mortar.	Cu.m	5	189.50	947.50
	d) Brick work and Cement mortar.	Cu.m	5	236.88	1,184.40
	e) Glazed Tiles in floor and dado.	Sq.m	160	17.77	2,843.20
	f) Cement Plaster / skirting.	Sq.m	50	11.84	592.00
26	Dismantling of lime concrete surkhi terracing for an average of 15 cm. Thick on roof including disposal of rubbish to the ground. The dismantling/chipping shall be carried out by Electrically operated breaking/chipping by contractor's own machine. Power only will be provided by dept, free of cost.	Cu.m	20	412.53	8,250.60
27	Hacking of concrete and preparing the surface including disposal of rubbish within BHEL Premises as directed by the Engineer-in-charge.	Sq.m	400	1.78	712.00
28	Removing the existing road side kerb stones and re-fixing the same by excavating the earth to required level and laying 75 mm PCC 1:2:4 as per levels and plastering the same with cement mortar 1:4 (1 cement: 4 coarse sand) including removal of old plaster and finishing the kerb stone side with concrete where ever required to complete as directed by the Engineer-in-charge.	RM	50	118.44	5,922.00
29	Providing Precast Cement concrete kerb stone blocks and manhole covers etc.. with cement concrete 1:2:4 (1 Cement : 2 Coarse sand : 4 Graded stone) aggregate of 20 mm nominal size for road side kerb stone works including cost of necessary centering and shuttering for precast mould and stacking the same in position after necessary curing etc., complete as directed.	Cu.m	3	5,329.80	15,989.40

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
30	Maintenance of all masonry work, minor repair patch works, plastering and refractory brick works including requisite helping hands. One operation comprises of 1 Mason (SSW) and 1 Helper (USW) along with all necessary tools and tackles and the work is to be executed as directed by the Engineer - in- charge. (The rate quoted shall be excluding cost of materials which will be issued at free of cost)	Per Opertn.	160	888.30	1,42,128.00
31	Maintenance of all carpentry works such as doors & windows & cupboards repair, door locks repair minor wood works and repair of chairs, minor polishing works etc., including requisite helping hands. One operation comprises of 1 carpenter (SSW) and 1 Helper (USW) along with all necessary tools and tackles and the work is to be executed as directed by the Engineer - in- charge.	Per Opertn.	303	1,065.96	3,22,985.88
32	Cleaning open storm water drains by removing the earth and rubbish and disposal of removed material up to lead of 50 M and rough leveling the same as directed.	RM	3,000	3.55	10,650.00
33	Cleaning of silt in closed drains and inside the pipe culverts including getting out the excavated soil and disposal of surplus excavated soil as directed within BHEL plant Premises.	RM	50	11.84	592.00
34	Cleaning of Aluminum & steel window and door glass panes with soap water up to third floor height and as directed by Engineer-in-charge	Sq.m	500	2.37	1185.00
35	Providing wood work in frames of doors, windows and other frames wrought, framed and fixed in position in first class country wood (Vegisa or Sal wood).	Cu.m	0.50	85,276.80	42,638.40
36 a	Providing and fixing 25 mm thick flush door shutter interior grade, commercial type, core of block board construction, with frame of first class hard wood and well matched commercial ply veneering with vertical grains or cross bands and face veneer on both faces of shutters with all necessary fittings like hinges, tower bolts and handles etc., complete.	Sq.m	20	1,421.28	28,425.60
36 b	Providing and fixing 30 mm thick flush door shutter interior grade, commercial type, core of block board construction, with frame of first class hard wood and well matched commercial ply veneering with vertical grains or cross bands and face veneer on both faces of shutters with all necessary fittings like hinges, tower bolts and handles etc.,	Sq.m	5	2,191.14	10,955.70

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
37	Providing and fixing pin headed glass panes of 4 mm thick with clips and metal putty for steel shutters and wooden beading for wooden shutters including removing of old broken glass panes and cleaning etc. complete.	Sq.m	50	816.11	408,05.50
38	Providing and fixing plain glass panes of 4 mm thick with clips and metal putty for steel shutters and wooden beading for wooden shutters including removing of old broken glass panes and cleaning etc. complete.	Sq.m	6	1,065.96	6,395.76
39	Providing and fixing plain glass panes of 5.5 mm thick with clips and metal putty for steel shutters and wooden beading for wooden shutters including removing of old broken glass panes and cleaning etc. complete.	Sq.m	5	1,421.28	7,106.40
40	Removing dry or oil bound distemper by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc., complete	Sq.m	25	12.79	319.75
41	Providing and white washing with white cement for one or more coats to give an even shade over old/new wall, ceiling considering all safety precautions, thorough sand papering, cleaning etc., with all labours, materials, tools & tackles as per specifications and instructions of Engineer - in - charge, at all elevations.	Sq.m	4,000	17.77	71,080.00
42	Providing and painting with water proofing cement paint of approved make and shade over a coat of primer if required to give an even shade as per manufactures instructions including necessary scaffolding, working platform considering all safety precautions, thorough sand papering, cleaning, repair of surface etc., with all labours materials, tools and tackles, curing, complete as per specifications and direction of Engineer - in - charge for walls at all height.				
	a) For one or more coats	Sq.m	500	34.35	17,175.00
	b) For two or more coats	Sq.m	500	41.45	20,725.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
43	Providing and applying interior surfaces with water bound distemper paint of "Berger / Asian" make or equivalent approved brand and shade over a coat of primer if required to give an even shade as per manufacturers specifications including sand papering, cleaning the surface etc., with all materials, labours, scaffolding, tools and tackles etc., complete as per direction of Engineer-in-charge for walls at all heights.				
	a) For one or more coats	Sq.m	100	41.45	4,145.00
	b) For two or more coats	Sq.m	100	53.3	5,330.00
44	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sq.m	50	59.22	2,961.00
45	Providing and applying one or more coats of cement primer of approved brand and manufacture on wall surface.	Sq.m	100	50.93	5,093.00
46	Floor polishing on masonry or concrete floors with wax polish of approved brand and manufacture.	Sq.m	10	53.30	533.00
47	Providing and applying French or Spirit polishing two or more coats including a coat of wood filler wherever necessary as per manufacture's specifications including and papering, cleaning surface etc., with all materials, as per direction of Engineer-in-charge for all labours, scaffoldings, tools and tackles complete for all heights	Sq.m	70	59.22	4,145.40
48	Providing and applying plastic emulsion (Vinyl wall paint) of "Berger / Asian" make or equivalent approved brand and shade over a coat of primer if required on walls to give an even shade as per manufacture's specifications including sand papering, cleaning surface etc., with all materials, labours, scaffoldings, tools and tackles complete as per direction of Engineer-in-charge for all heights.				
	a) For one or more coats	Sq.m	300	47.38	14,214.00
	b) For two or more coats	Sq.m	300	61.59	18,477.00
	c) Providing and applying exterior plastic emulsion wall paint of "Berger / Asian" make or equivalent approved brand and shade two or more coats on walls to give an even shade as per manufacture's specifications including sand papering, cleaning surface etc., with all materials, as per direction of Engineer-in-charge for all labours, scaffoldings, tools and tackles complete for all heights.	Sq.m	100	139.76	13,976.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
49	Providing and applying Synthetic Enamel Paint of "Berger / Asian make" or equivalent approved brand and shade over new/old doors and windows etc., to give an even shade as per manufacturers specification including cleaning, scrapping, sand papering etc., complete to suit for painting with all labours, materials, scaffoldings, working platform, tools & tackles etc., as per specifications and direction of Engineer-in-charge, at all elevations.				
	a) For one or more coats	Sq.m.	400	59.22	23,688.00
	b) For two or more coats	Sq.m.	150	85.28	12,792.00
50	Providing and Fixing PVC pipe of 4 kg/cm ² of approved standard make for Rain water piping work on wall face including all required specials, clamps & jointing with solution as per manufacturers specification and as per the direction of Engineer-in-charge.				
	(a) 100 mm dia pipe	RM	10	59.22	592.20
	(b) 150 mm dia pipe	RM	10	686.95	6,869.50
51	Supply and Applying metal putty for Steel windows by removing the old putty. Cost including supply of Pins, putty and required scaffolding etc., to complete the job at all elevations.	Sq.m	50	23.69	1,184.50
52	Providing and fixing steel window and ventilators in walls with lugs 10 cm x 16 mm x 3.16 mm embedded in cement concrete block 15 x 10 x 10 cm size of CC 1:3:6 (1 cement : coarse sand : 6 stone aggregate 20 mm and down graded) or with wooden plugs and screws or royal plugs and screws or with fixing clips or with bolts and nuts as required including providing and fixing of 4 mm thick glass panes with glazing clips and special metal sash putty of approved make or metal beading with screws.	Sq.m.	8	947.52	7,580.16

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
53	Providing and fixing glazed, anodized aluminum frames walls of cabin with doors, using 49x44.45x2 mm box section for frame work of partition walls, 101.50 x 44.45 x 2.5 mm for bottom style, 85 x 44.45 for vertical style 49 x 44.45 x 2 mm thick section for intermediate frame work of doors 5.5 mm thick glass panel in upper/middle portion of door/walls panels and commercial plywood sheet of 12 mm thick laminated or veneer on both sides on lower /top portion of door/walls panels upto 1 meter height. Rate includes all items complete with necessary medium duty 1.5 mm thick aluminum beading, cadmium coated iron screws, rubber linings for air tightness, all Aluminium fittings all fixtures fittings arrangement. Heavy type hinges if required, decorative handles, locks & keys suitable for aluminium portion frame work, door stopper, aluminium plates for rails and kicking plates all anodized as per approved manufacturer's specifications & direction of Engineer-in-charge.	Sq.m	4	4,145.40	16,581.60
54	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. With 6 mm thick clear float glass both side, having 12 mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete	Sq.m	4	3,434.76	13,739.04
55	Providing and fixing 12 mm thick pre-laminated particle board Pre-laminated particle board with decorative lamination on both sides flat pressed three layer or graded wood particle board conforming to IS : 12823 Grade I Type II, in paneling fixed in aluminum doors, windows shutters and partition frames with C.P. bras / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.	Sq.m	5	450.07	2,250.35
56	Drilling 15/20mm diameter holes upto half of thickness or minimum 40 mm depth into slab as per physical requirement along the cracks in RCC beam / Slab / Wall at 1 meter center to center or as suitable, fixing PVC/Aluminium/GI nipples as suitable in position using rapid setting mortar RENDEROC PLUG or PIDI GROUT or equivalent as per manufacturer's specification, including pressure grouting with Non shrink cement slurry, cutting the grout pipe and finishing the grout hole, wire brushing, cleaning the surface etc., with all materials, chemicals, labours, machinery, scaffolding tools and tackles as per manufacturer's specification and direction of Engineer-in-charge to make the surface leak proof.	Sq.m	100	47.38	4,738.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
57	Drilling of holes for the following sizes in Industrial Reinforced cement concrete floor/in machine foundations using power drilling machines, grouting and anchoring of bolts as per standard specification and instructions of Engineer in charge. The scope of work includes supply of chemical grout like BOSLIC or any other approved brand, grouting in to the holes before fixing the anchor bolts using mechanical gun and anchoring the bolts at proper position, level and alignment to the satisfaction of Engineer in charge. The rate quoted shall include cost of chemical grout and adhesives if any, labour charges for drilling by machine, cleaning the holes, chemical grouting with machine gun, and other tools and plants required, loading, leading and other incidental charges etc., complete but excluding cost of anchor bolts. Power and compressed air which will be provided by BHPV at free of cost				
	(a) For 10 - 18 mm dia bolts	Each	75	153.97	11,547.75
	(b) For 20 - 25 mm dia bolts	Each	10	177.66	1,776.60
58	Grouting the H.D bolts, underneath the base plates etc., after alignment with non-shrink high strength cementitious grout of such as Tec. Grout 20/40 or pidigrout 5M/10 M or Flogrout 40/60 or Conbextra GP 1/ GP 2 or any other equivalent grout, all as per instructions of Engineer in charge and as per standard specifications. Rate includes cost of non-shrink grout, cleaning the sleeves/pockets, tools, labour etc., complete.	Cu.m	0.50	10,659.6	5,329.80
59	Supplying of power (diesel) road roller of 8 to 12 Tonne capacity for consolidation / compaction works as per the direction of Engineer-in-charge. The quoted rate shall be inclusive of fuel, driver etc.	Hours	50	473.76	23,688.00
60	Supply of tractor attached with mechanical dozer for earth leveling work the quoted rate shall including cost of fuel & driver etc.	Hours	50	651.42	32,571.00
61	Providing and fixing white vitreous china Orissa pattern W.C. pan of size 580 x 440 mm with integral type foot rests (Indian type W.C pan) with 100 mm sand cast iron P or S trap, 10 litre low level white PVC 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.	Each	5	3,908.52	19,542.60

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
62	Providing and fixing white vitreous china pedestal type water closet pan with ISI marked white solid plastic (European type W.C. pan) seat and lid, 10 litre low level white P.V.C. flushing cistern, including slush 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.	Each	5	4,974.48	24,872.40
63	Providing and fixing white vitreous china flat back single half stall urinal of size 580 x 380 x 350 mm with white PVC automatic flushing cistern, fittings, standard size C.P. brass flush pipe, spreaders with union and clamps (all in C.P. brass) with waste fitting and outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required	Each	3	5,329.80	15,989.40
64	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.				
	a) White vitreous china wash basin size 630 x 450 mm with a single of 15 mm C.P. brass pillar taps.	Each	5	3,671.64	18,358.20
	b) White vitreous china wash basin size 550 x 400 mm with a pair of 15 mm C.P. brass pillar taps.	Each	5	3,553.20	17,766.00
65	Supplying Hydraulic Door Closers of ISI mark Everite / Godjeje or equivalent make and approved by Engineer-in-charge	Each	5	1,776.60	8,883.00
66	Supplying of the following construction materials free from rubbish and other foreign materials as directed by Engineer-in-charge with all materials, transportations, loading, unloading, stacking properly, all taxes and royalties etc., complete.				
	a) Brick of good quality.	Each	2000	4.00	8,000.00
	b) Coarse River Sand.	Cu.m.	6	1,500.00	9,000.00
	c) Supply of Cement OPC - 43 or 53 grade of approved brand confirming to relevant IS 8112/1269	Bags	30	310.00	9,300.00
	d) Providing and Fixing Rectangular shape 453x357 mm Mirror with Plastic moulded frame	Each	5	500.00	2,500.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
67	Supply of PVC Specials of ISI quality for Plumbing works.				
a	15 mm dia PVC pillar cocks	Each	30	248.00	7,440.00
b	15 mm dia PVC stop cocks	Each	15	160.00	2,400.00
c	15 mm dia PVC bib cocks	Each	50	200.00	10,000.00
d	15 mm dia PVC connections 50 mm long	Each	40	65.00	2,600.00
68	Supply of heavy duty specials of ISI quality for plumbing repair works				
a	15 mm dia CP push cocks	Each	70	220.00	15,400.00
b	15 mm dia brass bib cocks	Each	15	450.00	6,750.00
c	15 mm dia CP pillar cocks	Each	15	450.00	6,750.00
d	15 mm dia GM gate valves	Each	15	220.00	3,300.00
e	20 mm dia GM gate valves	Each	10	260.00	2,600.00
f	25 mm dia GM gate valves	Each	10	450.00	4,500.00
g	15 mm dia GI bends	Each	50	15.00	750.00
h	15 mm dia Elbows	Each	40	13.00	520.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
i	15 mm dia GI socket	Each	50	7.00	350.00
j	15 mm dia GI nipple of 50 mm long	Each	50	8.00	400.00
k	15 mm dia GI nipple of 75 mm long	Each	25	8.00	200.00
l	20 mm dia GI nipple of 75 mm long	Each	25	9.00	225.00
69	Supply of following materials of approved make				
a	6 mm thick soft rubber sheet	Kg	25	80.00	2,000.00
b	Hacksaw blades (TP – 24)	Each	50	9.00	450.00
c	12" pipe wrench	Each	2	300.00	600.00
d	10" pipe wrench	Each	2	250.00	500.00
e	Teflon tape 20 mm size	Each	150	11.00	1,650.00
f	40 mm dia PVC urinal waste pipes	Each	70	35.00	2,450.00
70	Supply of following materials of approved make				
a	½ " Pillar cck spindle heavy duty	Each	100	55.00	5,500.00
b	1 ½ " GM gate valve	Each	10	700.00	7,000.00
c	1 ¼ " GM gate valve	Each	10	550.00	5,500.00
d	2" GI elbow heavy duty	Each	10	85.00	850.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
e	1 ½" GI Elbow heavy duty	Each	10	56.00	560.00
f	1 ¼" GI Elbow heavy duty	Each	10	43.00	430.00
g	1" GI Elbow heavy duty	Each	20	28.00	560.00
h	¾" GI Elbow heavy duty	Each	50	18.00	900.00
i	2" GI Union heavy duty	Each	10	160.00	1,600.00
j	1 ½" GI Union heavy duty	Each	10	105.00	1,050.00
k	1 ¼" GI Union heavy duty	Each	10	86.00	860.00
l	1" GI Union heavy duty	Each	15	60.00	900.00
m	¾" GI Union heavy duty	Each	25	44.00	1,100.00
n	½" GI Union heavy duty	Each	25	32.00	800.00
o	1 ½" x 4" long GI Nipple heavy duty	Each	20	26.00	520.00
p	1 ¼" x 4" long GI Nipple heavy duty	Each	10	22.00	220.00
q	1 ¼" x 2" long GI Nipple heavy duty	Each	25	11.00	275.00
r	1" x 4" long GI Nipple heavy duty	Each	15	15.00	225.00
s	½" 4" long GI Nipple heavy duty	Each	20	10.00	200.00
t	2" x 3" long GI Nipple heavy duty	Each	10	27.00	270.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
u	1 ½" x 3 long GI Nipple heavy duty	Each	10	21.00	210.00
v	1" x 3" long GI Nipple heavy duty	Each	15	12.00	180.00
w	2" x 2 ½" long GI Nipple heavy duty	Each	10	25.00	250.00
x	1 ½" x 2 ½" long GI Nipple heavy duty	Each	10	30.00	300.00
y	1" x 2 ½" long GI Nipple heavy duty	Each	15	20.00	300.00
z	¾" x 2 ½" long GI Nipple heavy duty	Each	10	32.00	320.00
71	Supply of following materials of approved make				
a	½" x 2 ½" long GI Nipple heavy duty	Each	50	17.00	850.00
b	2" x 2" long GI Nipple heavy duty	Each	10	18.00	180.00
c	1 ½" x 2" long GI Nipple heavy duty	Each	10	14.00	140.00
d	1" x 2" long GI Nipple heavy duty	Each	50	8.00	400.00
e	¾" x 2" long GI Nipple heavy duty	Each	50	6.00	300.00
f	2" GI Bend heavy duty	Each	10	90.00	900.00
g	1 ½" GI Bend heavy duty	Each	10	60.00	600.00
h	1 ½" x 2" GI Reducer Elbow heavy duty	Each	10	95.00	950.00
i	¾" x ½" Reducer Elbow heavy duty	Each	10	20.00	200.00

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY	Rate in ₹ Fig.	Amount in ₹
j	1 ½" x 2" GI Reducing Socket	Each	10	70.00	700.00
k	1" x ¾" GI Reducing Elbow	Each	10	30.00	300.00
l	½" GI Pipe Heavy duty (TATA)	RM	90	140.00	12,600.00
m	¾" GI Socket	Each	20	17.00	340.00
	Total amount in ₹				21,20,105.40
	Discount / increase offered by Bidder on above total amount in %				
	Total Offered amount after Discount / increase in ₹				

TOTAL AMOUNT IN WORDS:

SIGNATURE OF THE TENDERER WITH SEAL