



## INVITATION TO TENDER

**Ref: OPS/OS/AMC/2015-16/03/004**

**Date: 16.05.2015**

**Sub:** AMC for Civil Maintenance of Factory Buildings of BHEL - HPVP, Visakhapatnam for a period of one year.

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 Rs.	EMD Rs.	COST OF TENDER Rs.	CONTRACT PERIOD	LAST DATE FOR RECEIPT OF TENDER
01	AMC for Civil Maintenance of Factory Buildings of BHEL - HPVP, Visakhapatnam for a period of one year.	<b>35.00 Lakhs</b>	<b>1,00,000/-</b>	<b>229/-</b>	<b>One Year</b>	<b>08.06.2015 up to 13.00 Hrs.</b>

### 1.0 ELIGIBILITY CRITERIA

- I) Average annual turnover of the contractor during the last 3 years ending 31<sup>st</sup> March 2014 should be at least 30% of the estimated value. (i.e. **Rs.10.50 Lakhs**)

Tenderer should enclose EPF, ESI, PAN, Service Tax New registration no., Income tax returns for last three years (FY 2011-12, 2012-13 & 2013-14) and Profit & Loss account and Balance Sheet certified by the Auditor for the last 3 years.

- II) The Contractor should have experience of completing similar works during last 7 years ending 31<sup>th</sup> April'2015 as given below:

- (a) Three similar completed works costing not less than the amount equal to 40% of the estimated value (i.e. **Rs.14.00 Lakhs each**)

OR

- (b) Two similar completed works costing not less than the amount equal to 50% of the estimated value. (i.e. **Rs. 17.50 Lakhs each**)

OR

- (c) One similar completed work costing not less than the amount equal to 80% of the estimated value. (i.e. **Rs. 28.00 Lakhs**)

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

**Note :** Similar work means carrying out of Civil works.

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

- IV) Latest solvency certificate (Within One year) from the Banker shall be produced.

### 2.0 SCOPE OF THE WORK

The detailed scope of work is given in the special conditions of contract and as per schedule of Quantities.

### **3.0 LOCATION OF WORK**

- 3.1 The subject job is to be carried out at premises of BHEL, Heavy Plates & Vessels Plant (HPVP), Visakhapatnam, Andhra Pradesh.
- 3.2 The intending tenderers are advised to visit the above place, note down the entry procedures, safety requirements, work permit system etc., and satisfy themselves of all conditions prevailing there before submission of their tenders.

### **4.0 COST OF TENDER DOCUMENTS / EARNEST MONEY DEPOSIT**

The tender shall be accompanied with a Demand Draft of Rs. 229/- (Rupees Two Hundred Twenty Nine only) towards the cost of tender documents (Non-Refundable) and another DD for Rs. 1,00,000/- (Rupees One Lakh only) towards EMD both drawn in favour of **BHARAT HEAVY ELECTRICALS LIMITED**, payable at Visakhapatnam.

EMD of unsuccessful tenderers shall be returned to after acceptance of LOI / Work Order by the successful bidder.

### **5.0 SECURITY DEPOSIT :**

Security Deposit shall be collected from the successful tenderer as per clause 25 of annexure - II.

### **6.0 INCOME TAX AND WORKS CONTRACT TAX :**

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

### **7.0 PRICE SCHEDULE :**

- 7.1 The prices shall be quoted in the price schedule attached to the tender for the complete scope of work.

**The quoted prices shall be inclusive of all applicable taxes & duties except service tax as applicable as on date of tender submission.** However, Service Tax as applicable shall be paid by contractor and same shall be reimbursed by BHEL on submission of proof of payment.

- 7.2 The quoted prices shall be fixed & firm without any escalation during the entire period of contract and till completion of the work.
- 7.3 Tenderer should quote the rates in figures **as well as in words** and the amount for each item should also be worked out. In case of any mismatch between the quoted rates and amounts, the quoted rates shall be considered as final. It may be noted that corrections, overwriting etc. are not allowed.
- 7.4 All rates shall be quoted in the tender format only.

### **8.0 REVERSE AUCTION :**

BHEL reserves the right to opt for Reverse Auction at its discretion instead of opening the price bids submitted in sealed envelope and any information regarding the reverse auction shall be decided after technical evaluation and shall be intimated to the bidders at appropriate time. General terms and conditions governing RA are mentioned in the special conditions at **Annexure-V**. The bidders are requested 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 RA, only those bidders who give their acceptance will be allowed to participate in RA and these bidders shall have to necessarily submit 'Online Sealed Bid' in the RA. Non-submission of 'Online Sealed Bid' by the bidder will be considered as tampering of the tendering process and will invite action by BHEL as per extent guidelines in vogue.

## 9.0 **VALIDITY OF OFFER :**

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

## 10.0 **GENERAL :**

### 10.1 **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 and TENDER COST, late / delayed bids, incomplete / conditional offers, bids not conforming to the terms & conditions specified in the tender documents are liable for rejection.

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

### 10.3 The bidders shall study the Tender documents 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 documents pertaining to subject job 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.

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

### 10.5 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.

### 10.6 The following documents (enclosed) shall form part of the contract including this Notice Inviting Tender.

#### **PART - I : TECHNO COMMERCIAL BID**

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

#### **PART - II : PRICE BID**

- |   |                   |
|---|-------------------|
| h) Price Bid (Schedule of items and Bill of Quantities) | : Annexure - VIII |
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## 11.0 **TENDER COLLECTION :**

Tender Documents can be obtained from 18.05.2015 to 06.06.2015 between 8.00 Hrs. to 16.30 Hrs. from the office of Sr. Manager (OS) by submitting a request letter on the tenderer's letter head along with a Demand Draft / Banker's Cheque for an amount of Rs. 229/- (Rupees Two Hundred Twenty Nine) towards Tender Cost including Sales Tax @ 14.50% in favour of Bharat Heavy Electricals Limited, payable at Visakhapatnam.

Tender Documents can also be downloaded from our Website [www.bhelviz.co.in](http://www.bhelviz.co.in). However Tender Cost shall be enclosed along with the Technical Bid without which the Price Bid will not be considered.

**12.0 TENDER SUBMISSION :****12.1 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 Rs. 1,00,000/- (Rupees One Lakh only) in the form of Demand Draft / Banker's Cheque drawn in favour of Bharat Heavy Electricals Limited, Visakhapatnam.
- (ii) I.T. Clearance certificates / Acknowledgement of submission of the IT Returns for the last 3 years.
- (iii) P.F. Registration Code No.
- (iv) E.S.I Registration Code No.
- (iv) Experience Certificates in line with eligibility criteria
- (v) Service Tax Registration No.
- (vi) Solvency Certificate
- (vii) 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 superscribing the **Tender No. & Subject** on the envelope .

**12.2 The tender completed in all respects shall be dropped in the Outsourcing tender box kept at reception counter, ADM building latest by 13.00 Hrs. on 08.06.2015.**

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

Last date for receipt of tenders is **08.06.2015 upto 13.00 hrs.** BHEL-HPVP is not responsible for any postal or other delays in submission of offers.

**12.4 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.**

**13.0 OPENING OF TENDERS :**

Techno-commercial Bids will be opened on **08.06.2015 at 14.00 Hrs.** at Customer Cell, Admn. 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 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,

  
Sr. Manager (OS)

**SCOPE OF WORK**

**Sub :** AMC for Civil Maintenance of Factory Buildings of BHEL - HPVP, Visakhapatnam for a period of one year.

- 1) Roof leak arresting of T2 substation.
- 2) Main Canteen hand wash area tiling work.
- 3) Construction of 2 Nos. manholes for sewage system.
- 4) Relocated equipment foundation works.
- 5) Precast slab for cable trenches, manhole covers and kerb stones.
- 6) Fixing of anchor fasteners on industrial floor.
- 7) Replacement toilet block floor tiles with vitrified tiles.
- 8) Constn. of refractory brick saddles for the Heat Treatment of Equipments.
- 9) Production enabling works.
- 10) Replacement of broken window frames and glass panes.
- 11) Flooring repair & wall patches, plastering works.
- 12) Roof Slab minor leak arresting & repair works.
- 13) Open storm water drains cleaning and repair works for drains in plant premises, around buildings & rectification works to keep the drains in stable condition.
- 14) Wood work, door shutters & steel windows work etc.
- 15) Painting for accumulator station, MRS building and emergency requirement.
- 16) Repair & maintenance for carpentry and masonry works.
- 17) Replacement of damaged Aluminium window shutters as per the requirement.
- 18) Replacement of toilet IWC Panes, Urinal Basins and other flush doors shutters as per the requirement and for renovation of toilet block.
- 19) Replacement of steel window frames and shutters as per the requirement.
- 20) Repair & Plastering of road side kerb stones.

**Apart from the above other maintenance works for which items covered in the contract are to be carried out in this contract and the quantities provided in the schedule are only provisional & may vary according to exigency of the work.**

**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 submit a bar-chart in discussion with Engineer-in-Charge to complete the work within the stipulated period. BHEL, Visakhapatnam reserves the right to fix the priorities and revise the bar-chart.
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 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. The quoted rate shall be firm throughout the contract period. No cost escalation will be paid on any account throughout the contract period for any item. The contractor shall take into consideration for the labour rate increase during the contract period and same to be considered while quoting the rate for each item.**

23. The item rate offered shall provide for the complete cost towards labour, consumables, tools, plant & machinery, transport, supervision, overheads, profits & all other incidentals etc., complete. **The rate quoted shall not include service tax. However the service tax as applicable for this contract work and the same can be claimed from BHEL along with their monthly bills for further payment to be made to the authorities concerned. At present the rate of service tax is 14.00%. (Service tax + Edu. Cess+ Higher Sec. Edu. Cess). The contractor has to submit the payment challan as a documentary proof of having paid the service tax for the previous bill for which he has received the service tax payment along with the subsequent bill for which payment has to be processed.**

**24. PAYMENT TERMS**

R.A Bill payments will be arranged within 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.

**25. Security Deposit:**

Security Deposit shall be collected from the successful tenderer. The rate of security deposit will be as below:

- Up to Rs. 10 lakhs : 10%
- Above Rs. 10 lakhs up to Rs.50 lakhs: Rs.1 lakh + 7.5% of the amount exceeding Rs. 10 lakhs.
- Above Rs. 50 Lakhs: Rs. 4 Lakhs + 5 % of the amount exceeding Rs. 50 Lakhs

The security Deposit should be deposited before start of the work by the contractor.

Security Deposit may be furnished in any one of the following forms

- i. Cash (as permissible under the Income Tax Act)
- ii. Pay Order, Demand Draft in favour of BHEL.
- iii. Local cheques of scheduled banks, subject to realization.
- iv. Securities available from Post Offices such as National Savings Certificates, Kisan Vikas Patras etc., (Certificates should be held in the name of Contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back).
- v. Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- vi. Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the contractor, A/C BHEL, duly discharged on the back.

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**SPECIAL CONDITIONS OF CONTRACT****:: 3 ::**

- vii. Security deposit can also be deposited at the rate of 10% from the running bills. However in such cases at least 50% of the Security Deposit should be deposited before start of the work and the balance 50% may be deposited from the running bills.
- viii. EMD of the successful tenderer can be converted and adjusted against the security deposit.
- ix. The security deposit shall not carry any interest.

**Note:** Acceptance of Security Deposit against Sl. No. (iv) and (vi) 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).

- 26. Security Deposit / Bank Guarantee will be released after the maintenance period of 2 months or on closure of contract whichever is later.
- 27. Income Tax & Work Contract Tax will be deducted as per the statutory rules from time to time. Present W.C.T. is 5% if TIN number is submitted. If TIN number is not available W.C.T. shall be 20.00%.
- 28. Service Tax Extra as applicable will be reimbursed on submission of documentary evidence of payment.
- 29. Any new taxes imposed by Govt. of India / AP State Govt. after the tender submission date shall be reimbursed on submission of documentary evidence of payment.
- 30. The payments shall be made through online (i.e. RTGS/NEFT) only.  
(Format enclosed – Annexure - A).

**SIGNATURE OF THE TENDERER**



**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
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 from the contractor 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****:: 2 ::**

- 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 **three months** 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.
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.

**RULES AND REGULATIONS FOR OPERATION****:: 3 ::**

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.

**SIGNATURE OF THE TENDERER**

**THE GENERAL CONDITIONS OF CONTRACT ARE AVAILABLE WITH THE HEAD – CIVIL DEPARTMENT. CONTRACTORS MAY REFER / VERIFY THE SAME.**

**AMENDMENT TO THE GENERAL CONDITIONS OF CONTRACT**

**CLAUSE 32 MAY BE READ AS FOLLOWS.**

**32. LIQUIDATED DAMAGES**

In the event of any delay in completion of work of part thereof as per agreed schedule due to reasons other than those specifically exempted in this contract, BHEL, Visakhapatnam, may deduct from the considerations due to the contractor as liquidated damages a sum calculated at 0.5% of the contract price for each full week of delay subject to a maximum of 10% of the contract price. It is understood and agreed that such amounts do represent the losses suffered by BHEL, Visakhapatnam because of delay in work by contractor and it shall not be necessary for BHEL, Visakhapatnam to establish the actual amount of losses suffered irrespective of whether the work or part thereof could be put to any use by BHEL, Visakhapatnam or BHEL's client.

**CLAUSE 32.1 IS DELETED**

**AMENDMENT TO THE CLAUSE 57 MAY BE READ AS FOLLOWS**

**57. ARBITRATION AND LAWS**

Except where otherwise provided for in the contract, all questions and disputes relating to the meaning of the specifications, drawings and instruction herein as to the quality of workmanship or material in the work or as to any other question, claim, right, matter or thing or any dispute whatsoever in any way arising out of or relating to this contract, shall be referred to the sole arbitration or any person who shall be appointed by Unit Head, Bharat Heavy Electricals Limited, (HPVP), Visakhapatnam at his sole discretion. It shall have no objection to any such appointment even if the arbitrator so appointed is an employee of BHEL, Visakhapatnam, its branches / offices. Such an appointment of arbitrator shall not take place unless and until a written request for appointment of arbitrator from any of the parties to the contract has been received by the Unit Head as aforesaid.

The arbitrator to whom the matter is originally referred or the arbitrator who has been appointed in place of the arbitrator originally appointed, dies or unable to act as arbitrator for any reasons whatsoever, the Unit Head as aforesaid, shall appoint at his sole discretion any another person to as arbitrator in place of the arbitrator originally appointed, as the case may be. Such person appointed as arbitrator shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

The arbitrator shall give his reasoned award. It is term of this contract that no person other than a person appointed by such Unit Head as aforesaid should act as an arbitrator and if for any reasons whatsoever that is not possible, the matter is not to be referred to arbitration at all.

Subject as aforesaid, the provisions of arbitration Laws in India or any statutory modification re-enactment thereof and the rules made there under from time to time and or the time being in force shall apply to the arbitration proceeding under this clause.

**AMENDMENT TO THE CLAUSE 59 MAY BE READ AS FOLLOWS :**

**59. DISPUTES – LEGAL JURISDICTIONS**

Notwithstanding anything contained in any document whatsoever, all cases, suits, matter, petitions and all other actions under law arising out of and relating to this contract including that may arise out of bank guarantees and arbitration under this contract, shall be tried, instituted, filed and auctioned only in the courts, tribunals and forums etc., situated within the territorial jurisdiction of Visakhapatnam even though such jurisdiction may also vest with other courts, tribunals and forums situated in other places of the country.

While invoking writ jurisdiction, the parties shall prefer such petitions and try the same only in the High Court of Andhra Pradesh, Hyderabad.

**SIGNATURE OF THE TENDERER**

Ref: OPS/OS/AMC/2015-16/03/004

Date: 16.05.2015

**MINIMUM WAGES AS PER CENTRAL LABOUR DEPARTMENT  
w.e.f 01.04.2015**

<b>SL. No</b>	<b>DESCRIPTION</b>	<b>Unskilled</b>	<b>Semi Skilled</b>	<b>Skilled</b>
1	Minimum Wage	<b>290.00</b>	<b>328.00</b>	<b>385.00</b>
2	PF @ 13.6%	39.44	44.60	52.36
3	ESI @ 4.75%	13.77	15.58	18.28
4	Bonus @ 8.33%	24.15	27.32	32.07
5	Leave Wages (18 days / Year)	16.73	18.92	22.21
6	Terminal Benefit for (15 days / year)	13.94	15.76	18.50
7	Holidays for 10 days	9.29	10.51	12.33
	<b>TOTAL</b>	<b>407.32</b>	<b>460.69</b>	<b>540.75</b>

**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 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.

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.
15. In case BHEL decides to go for reverse auction, the H1 bidder(s) (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

\* \* \* \* \*

**ANNEXURE – VI**

**Ref: OPS/OS/AMC/2015-16/03/004**

**Date: 16.05.2015**

**Sub :** AMC for Civil Maintenance of Factory Buildings of BHEL - HPVP, Visakhapatnam for a period of one year.

**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 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	

(Required only if it was not submitted earlier)

**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 &amp; 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:

Date:

Bank Manager / Officer  
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

# **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 of BHEL - HPVP, Visakhapatnam for a period of one year.

**Tender Enquiry No : OPS/OS/AMC/2015-16/03/004, Dated : 16.05.2015**

- 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 State Government from time to time.  
The Minimum wages at present are as follows as per the Central Government G.O. effective from 01.04.2015. Contractor has to pay as per recent G.O. in force from time to time and no extra claim can be entertained on this score.  
  
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 of the following brands only (a) Associated Cement company (b) Ramco (c) Raasi (d) Cement corporation of India (e) L & T (f) Vishnu (g) Priya.
- 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 cement consumption should strictly be as per CPWD specification.
- 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 at condition of General Conditions of contract / special condition of contract of BHEL 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) All statutory requirements like PF and ESI etc., are to be followed strictly by the contractor during the contractual period. Contractors should have their own sales tax registration number.
- 9) Tenderers should have accidental insurance in favour of their work man.
- 10) 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.
- 11) **The rate quoted shall be inclusive of all taxes but excluding Service Tax which will be paid extra on submission of documentary evidence/ proof for payment of the same.**
- 12) **L1 shall be evaluated based on quoted total price.**

**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 of BHEL - HPVP, Visakhapatnam for a period of one year.

**Tender Enquiry No :** OPS/OS/AMC/2015-16/03/004, **Dated :** 16.05.2015

**SCHEDULE OF QUANTITY FOR THE WORK**

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
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 upto 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.	500			
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.	100			
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.	100			
1 d	For Hard rock excavation at depth upto 4.50 meters.	Cu.m.	5			
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	4000			
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 upto 50 m etc., complete.	Cu.m	200			
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	10			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
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			
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	302			
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	15			
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	17			
9	Providing and laying in position ready mixed cement concrete (RMC) manufactured from fully automatic batching plant and transported to site of work in transit mixer having a continuous agitated mixer manufactured as per mix design of M30 grade for RCC foundation, footing and column pedestal works including pumping of RMC from transit mixer to site of laying excluding cost of centering and shuttering and reinforcement steel.	Cu.m	20			
10	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			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
11	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.	30			
12	Fabrication & Fixing of 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	5			
13	Providing and Fixing of M.S. round holding down bolts with nuts and washers plate complete etc in Foundations and fixing in proper level, line, alignment etc all as per drawing and instructions of Engineer-in-charge. Rate includes cost of steel materials, bolts, nuts, washers' fabrication and machining charges, fixing all labour charges etc. complete.	Kg	25			
14	Centering and Shuttering including strutting, propping etc., and removal of form work for :					
	(a) Foundation and Plinth	Sq.m.	50			
	(b) Lintel, beams & Slabs etc.	Sq.m.	10			
	c) For wooden pockets in machine foundation.	Sq.m.	2			
15	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.	40			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
16	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.	100			
17 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.	17			
17 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.	30			
18	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			
19	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			



Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
20	Providing and laying 8 mm thick (approximate) Vitrified Floor Tiles of first quality approved make confirming to IS : 15662 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 :4 finished with flush pointing in white cement sing appropriate colour pigment etc. complete all as per standard specifications.	Sq.m	100			
21	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	125			
22	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			
23	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	60			
24	Providing and laying 12 mm thick cement plaster in cement mortar 1:6 (1 cement : 6 coarse sand).	Sq.m	250			
25	Providing and laying 20 mm thick cement plaster in cement mortar 1:6 (1 cement : 6 coarse sand) for outside Buildings.	Sq.m	25			
26	Providing and laying flush pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand).	Sq.m	536			
27	Demolishing, Chipping, cutting etc and stacking of serviceable material and disposal of unserviceable material complete within BHPV premises as directed.					
	a) RCC works	Cu.m	50			
	b) PCC works	Cu.m	15			
	c) RR Masonry in Cement mortar	Cu.m	15			
	d) Brick work and Cement mortar	Cu.m	10			
	e) Glazed Tiles in floor and dado.	Sq.m	15			
	f) Cement Plaster / skirting.	Sq.m	10			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
28	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	40			
29	Hacking of concrete and preparing the surface including disposal of rubbish within BHEL Premises as directed by the Engineer-in-charge.	Sq.m	150			
30	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	75			
31	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	10			
32	Maintenance of all masonry work, minor repair patch plastering and refractory brick works including requisite helping hands. One operation comprises of <b>1 Mason (SSW) and 1 Helper (USW)</b> along with all necessary tools and tackles and the work is to be executed as directed by the Engineer - in- charge. <b>(The rate quoted shall be excluding cost of materials which will be issued at free of cost)</b>	Per Opertn.	250			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
33	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 <b>1 carpenter (SSW) and 1 Helper (USW)</b> along with all necessary tools and tackles and the work is to be executed as directed by the Engineer - in- charge.	Per Opertn.	303			
34	Cleaning open storm water drains by removing the earth and rubbish and disposal of removed material upto lead of 50 M and rough leveling the same as directed.	RM	4500			
35	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	75			
36	Cleaning of Aluminium & steel window and door glass panes with soap water upto third floor height and as directed by Engineer-in-charge	Sq.m	1700			
37	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			
38 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 with vertical grains or cross bands and face veneers on both faces of shutters with all necessary fittings like hinges, tower bolts and handles etc., complete	Sq.m	12			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
38 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., complete with vertical grains or cross bands and face veneers on both faces of shutters with all necessary fittings like hinges, tower bolts and handles etc., complete	Sq.m	40			
39	Providing and fixing pin headed glass panes of 3 or 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	22			
40	Providing and fixing plain glass panes of 3 or 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			
41	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	4			
42	Removing dry or oil bound distemper by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc., complete	Sq.m	10			
43	Providing and white washing with white cement for one or more coats to give an even shade over old/new wall, ceiling including mixing of gluing compound like Fevicol or Gum 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	500			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
44	Providing and painting with water proofing cement paint "Snowcem Plus" or equivalent or 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	50			
	b) For two or more coats	Sq.m	1000			
45	Providing and applying interior surfaces with water bound distemper paint of "Berger 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			
	b) For two or more coats	Sq.m	100			
46	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			
47	Providing and applying one or more coats of cement primer of approved brand and manufacture on wall surface.	Sq.m	100			
48	Floor polishing on masonry or concrete floors with wax polish of approved brand and manufacture.	Sq.m	100			
49	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	125			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
50	Providing and applying plastic emulsion (Vinyl wall paint) of Berger 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	200			
	b) For two or more coats	Sq.m	200			
	c) Providing and applying exterior plastic emulsion wall paint of Berger 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, as per direction of Engineer-in-charge for all labours, scaffoldings, tools and tackles complete for all heights.	Sq.m	100			
51	Providing and applying Synthetic Enamel Paint of "Berger 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.	200			
	b) For two or more coats	Sq.m.	400			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
52	Providing and Fixing sudhakar brand or equivalent PVC pipe of 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	20			
	(b) 150 mm dia pipe	RM	20			
53	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	200			
54	Providing and fixing steel window and ventilators in walls with lugs 10 cm x 16 mm x 3.16 mm embedded in cement concrete bock 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.	18			
55	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	5			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
56	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	10			
57	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	40			
58	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	50			



Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
59	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	30			
	(b) For 20 - 25 mm dia bolts	Each	10			
60	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	1			
61	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	80			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
62	Supply of tractor attached with mechanical dozer for earth leveling work the quoted rate shall including cost of fuel & driver etc.	Hours	100			
63	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	10			
64	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	10			
65	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. bras) with waste fitting as per IS : 2556, C.I. trap with 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	10			
66	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	10			
	b) White vitreous china wash basin size 550 x 400 mm with a pair of 15 mm C.P. brass pillar taps.	Each	10			

Item No.	Description	Unit	Qty	Rate in Fig.	Rate in Words	Amount
67	Supplying Hydraulic Door Closers of ISI mark Everite or equivalent make and approved by Engineer-in-charge	Each	15			
	Supplying of the following clean construction materials free from rubbish and other foreign materials inside BHEL-HPVP plant area at the locations as directed by Engineer-in-charge with all materials, transportations, loading, unloading, stacking properly, all taxes and royalties etc., complete. As directed by engineer-in-charge. FOR ITEM SERIEL No, 68 to 71					
68	Brick of good quality.	Each	3000			
69	Coarse River Sand.	Cu.m.	6			
70	Supply of Cement OPC - 43 or 53 grade of approved brand confirming to relevant IS	Bags	30			
71	Supply of steel MS / RTS Rods confirming IS 1786 Including unloading at BHEL stores all labour etc., compete.	Kg.	500			
72	Providing and Fixing Rectangular shape 453x357 mm Mirror with Plastic moulded frame	Each	10			
	<b>Total</b>					

**Total Amount in Words :**

**SIGNATURE OF THE TENDERER WITH SEAL**