

**Bharat Heavy Electricals Limited,
Boiler Auxiliaries Plant
Ranipet 632 406**

Civil Porjects & Services

TENDER DOCUMENT

Name of work : Civil works for Extension of Roll forming bay in factory.

Tender Notice No. : BAP/CF: 06/2011-12 Dt. 13.05.2011

Period of Contract : 5 Months

Issued to :

CIVIL PROJECTS & SERVICES

BHE: CP&S :
2011

January 11,

To

The Tenderer

Dear Sirs,

Sub: **Civil works for extension of roll forming bay in factory – reg.**

Ref: 1. Tender Notice No. BAP:CF:53/2010-11

Please find enclosed / attached non-transferable tender document containing Preamble, Specifications, General Conditions of Contract, Pro forma and Work & safety procedure, Instruction to Tenderers, Bill of Quantities to offer your most competitive rates for all the items.

- 1) **EMD shall be in the form of DD.** Tenderers who had already remitted one time EMD should furnish the details of cash receipt No. _____ dt. _____, with a covering letter. Tender without EMD / without reference to one time EMD will be summarily rejected. All Demand Draft shall be drawn in favour of **BHEL, Ranipet** payable at **Ranipet**.
- 2) Document has to be signed by the tenderer in all the pages.
- 3) Price bid has to be duly filled in and signed by the tenderer in all the pages. **The tenderer has to quote most competitive rates for all the items in the Bill of Quantities.**

The completed bid along with requisite EMD of **Rs.1,50,000/-** for the work in the form of Demand Draft in favour of BHEL, Ranipet shall reach the office of the undersigned on or before **10.06.2011 at 15.00 hrs.** EMD in any other form will not be accepted. The tender will be opened on the **same day at 15.00 hrs.** In case of opening day falls on holiday or happened to be declared as a holiday, the receipt and opening of the tender shall automatically fall on the same timing of the next working day. You / your authorized representative may participate in the tender opening.

Clarification if any, can be obtained contacting following phone No. 04172 – 284995 / 284087 Tele-Fax No. : 0472 – 242026, e-mail: vdinakar@bhrlrpt.co.in, vraj@bhelrpt.co.in, .

Thanking you,

Yours faithfully
For and on behalf of
BHARAT HEAVY ELECTRICALS LIMITED,

DY.MANAGER / CIVIL PROJECTS & SERVICES

NOTICE INVITING TENDERS

1. Tender Notice Number : BAP:CF:06/2011-12 Dt. 13.05.2011
2. Name of work : Civil works for extension of roll forming bay in factory.
3. Completion Time : 5 months.
4. Estimated Cost : Rs. 88.72 Lakhs.
5. Document cost : Rs. 750/- (Non-refundable) + 100/- postage charges.
6. Earnest Money Deposit : 1,50,000/- (shall be in the form of DD or Pay Order only)
7. Last Date & Time for receipt of Completed Tender. : Before 2.30 P.M. on 10.06.2011.
8. Date & Time of tender Opening:
 - Technical bid : At 2.30 P.M. on 10.06.2011.
9. Place of submission of Tender : Office of Addl. General Manager / Civil Factory & Township, BHEL, Ranipet, Vellore Dist. Tamil Nadu. Pin 632 406.

This tender document contains 225 pages including the following.

Part I :- Technical Bid from Page No.1 to 183 including General conditions of Contract, Special conditions of contract, Civil Engineering specifications.

Part II :- Commercial Bid from Page No.1 to 42 of Bill of Quantities. drawings, Annexure A to G, Schedule A to D, etc..

Tender should be submitted in a sealed cover super scribing the name of work, Tender Notice number , Due date of Opening.

Tenders without **EMD shall be summarily rejected.**

Note: The tenderer shall return the duly filled in tender document after affixing signature on all the pages of the Tender Documents.

Issued to :

BHARAT HEAVY ELECTRICALS LIMITED
RANIPET – 632 406

CIVIL PROJECTS & SERVICES

PREAMBLE

01. The scope of work includes **Civil works for extension of roll forming bay in BHEL Factory Ranipet – 6, Vellore Dt., Tamil Nadu.**
02. Time is the essence of the contract. Being a time bound project with capital expenditure, the contractor should make all efforts to complete the work in time
03. The scope does not includes cost of cement, Reinforcement steel and Structural steel.
04. Cement, reinforcement steel and structural steel will be issued free of cost at BHEL stores for theoretical consumption. However, single recovery will be made up to 5% over and above theoretical consumption and beyond which penal recovery will be made which will be twice the rate (single recovery rate) mentioned below:

Cement	-	Rs 6,325 / MT
Reinforcement Steel	-	Rs 41,975 / MT
Structural Steel	-	Rs 46,500 / MT
05. The tenderers are advised to visit the plant area near Ranipet in Vellore (Dt.) and get themselves acquainted with the site conditions before submitting the offer
06. BHEL reserves its right to reject the tender on account of unsatisfactory past performance by the present tenderer in another project / sister unit awarded under different enquiry.
07. Quoted rate shall be firm throughout the contract period and no cost escalation is allowed on any account.
08. The %age rate offered is for finished item of works and shall provide for the complete cost towards fuel, tools, tackles, plant & machinery, temporary works, labour, materials, levies, taxes, transport, lay-out, repairs, rectifications, maintenance till handing over, supervision, labour colonies, establishment, services, roads, revenue expenses, overheads, profits & all other incidentals etc., complete. However if the service tax is applicable for this contract work and free issue materials, the same will be extra and will be reimbursed on production of valid document proof for having paid service tax by the contractor.
09. Some changes are likely in the layout, design and specifications of the work. The rates quoted shall be deemed to be inclusive of all such contingencies.
10. The contractor should submit the mix design for RCC for different mix of concrete for different grade of cement at his cost through reputed institution.
11. The contractor should use only weigh batch for all reinforced cement concrete works (controlled concrete).
12. Usually, working hours are limited to day time only. In emergency cases to carryout works during nights, it may be done so with the specific prior permission of BHEL. In such case, it is to be carried out in the presence of BHEL officials or their authorized persons.
13. The work shall be carried out as per the approved drawings, Civil Engineering Department Work & Safety procedure, AWS / BIS specifications, standard code of practice and as per the instructions of Engineer-in-charge. The brief description of items of work is given in the bill of quantities provided in the Price Bid. Tenderer has to quote rates both in figures and in words in the Bill of Quantities provided in the Price Bid.
14. For any item of work not covered in Bill of Quantities, the rate will be arrived at based on the conditions given in BHEL General Conditions of Contract in force.

15. The contractor has to furnish the security deposit, as per Clause 13 of Tender Notice, attached in the Price Bid if the work is awarded. Also it is to be noted that after award of work the contractor has to furnish 50 % of security deposit before the commencement of work.
16. The contractor should bring the construction earth moving machineries like Poclain, JCB etc., as and when required for the work without any delay. Also required number of the following tools & Plants / instruments shall be made available always at site for the works.
 - a. Full load mixture machine
 - b. Petrol / Kerosene driven vibrator/ mechanical vibrator
 - c. Cube moulds
 - d. Inter carting vehicle (tractor, hand trolley etc)
 - e. Mobile / Hydraulic crane
 - f. Welding machine etc.
 - g. Steel shuttering
 - h. Pipe scaffolding
17. The contractor has to arrange sufficient number of lorries to collect & transport the surplus earth, construction debris generated, etc. at site. Otherwise BHEL would clear the debris at the contractor's risk and cost.
18. Since the responsibility for the quality, workmanship and accuracy of any work being carried out under this contract lies with the contractor, the contractor should ensure that no work is done without the presence of contractor's representative at the work spot. The contractor should arrange for surveying construction site at his own cost.
19. Statement of completed works with detailed measurements along with material reconciliation statements shall be submitted by the contractor in the last week of every month for processing bill.
20. The decision of Engineer-in-charge shall be final and binding on the contractor regarding clarification of items in this tender schedule.
21. The works contract to be entered into with the successful tenderer will be governed by the BHEL Revised General Conditions of Contract in force.
22. The contractor shall strictly adhere to various labour laws in force.
23. The contractor has to submit the list of machineries to be deployed exclusively for this work, organization chart of their set up for the works and any change thereafter in the organization set up shall have the prior approval of BHEL with bar chart of activities.
24. The contractor should submit the programme for the completion of work and the list of machineries and site personnel to be deployed for the work along with tender.
25. The contractor should establish his own site office, for which vacant land will be allotted on specific request for which the rent will not be collected. No land will be provided towards labour colony.
26. The contractor should establish his own site office, fabrication yard, handling facility, storage facility to stock about 100 MT of cement etc., for which vacant land will be allotted on specific request for which the rent will not be collected.
27. The contractor is required to carry out construction activities as directed by the department officials. It is required to engage certain minimum strength of staff for effective supervision of works as indicated below:

Site in-charge / Construction Manager	-	1 No.
Civil Engineer (Graduate in Civil Engineering)	-	1 No.
28. In addition to the above, Quantity surveyors have to be engaged to prepare measurements and submit the bills.

29. Adequate number of Quality Engineer and qualified Safety Engineer should be deployed at site.
30. To safeguard the persons working at underground etc., sufficient number of Industrial Safety PPE shall be provided at tenderer's cost in appropriate level and locations. The working hand including Supervisors, Engineers should wear the personal protective items and safety measures such as helmets, safety belts, shoes, etc., before entering into working place.
31. The tenderer has to deploy adequate labour of required categories such as Unskilled, Skilled, Mason, Carpenter, Plumber, Welder, Fitter, Mistry, Technically experienced, etc. so as to execute the works simultaneously in all areas of work. The Technical persons with experience shall have to produce valid certificate for verification.
32. The contractor shall follow norms of BHEL security system for movement of men & materials within the complex.
33. Exclusive Stores personnel should be engaged who would co ordinate with department official for clearance and collection of BHEL supplied materials required for works.
34. Separate non-technical persons should be engaged for arranging daily gate passes for labours and vehicles entry in East gate of Factory Complex.
35. The tenderer shall carry out health performance test at his cost for all the workmen engaged in the work through a registered medical practitioner and produce certificate on demand.
36. It shall be the responsibility of the contractor to see that the workmen do not utilize the departmental canteen facilities. Contractor has to make his own arrangements to provide refreshment for the workmen.
37. All the works shall be executed as per the standard specifications as provided in TNBP / BIS.
38. All the materials to be used in the work and the nature of work shall conform to the respective TNBP & BIS and National Building Organisation, Standard Specifications forming part of "ALL INDIA STANDARD SCHEDULE OF RATES" specifications and shall be got approved by the Engineer-in-charge before actual incorporation in the work.
39. The contractor should maintain proper accounts for cement, reinforcement steel and structural steel sections and other materials if any supplied by this department and should be available at the site of work for verification and check by the Officials of this Organisation at any time.
40. All materials brought by the Contractor for incorporation in the work shall be got inspected and approved by the Engineer-in-charge before they are incorporated in the work. All the structural works including fabrication, erection etc., are subjected to inspection and clearance by Third Party Agency fixed by BHEL.
41. The contractor should use only the materials of brand and quality as approved by BHEL.
42. All materials and consumables brought by the contractor should have manufacturer's certificate.
43. All tools and plants including jack hammer with silencer & bits, rock drilling machine, etc., required for all the works covered under this contract will have to be brought by the contractor.
44. All safety measures are to be followed during execution of work, particularly during blasting and only licensed blaster should be engaged for this purpose. Sufficient care shall be taken by the contractor during excavation to avoid damages to the buried pipe lines, cables and other infrastructure like railway lines if any etc. Controlled blasting including muffling can be carried out with prior permission from safety department.

45. Contractor's materials and tools & plants shall have to be brought inside the plant area with proper invoice / voucher and make necessary entry in the security gate. They should maintain proper record for tools and plants, materials, etc., brought inside the factory complex.
46. The contractor should extend full co-operation with the third party agencies engaged, if any by BHEL to adhere the Quality Control Procedures ensuring quality.
47. The contractor should extend full co-operation to the other contractors who may be doing other works in the same areas to enable them to execute their portions of work without any delay or difficulty.
48. With regard to specifications not covered by the General and Special Conditions of Contract, those contained in the Tamil Nadu Building Practice Standard Specifications or other specifications approved by Bharat Heavy Electricals Limited, shall apply.
49. Water will be supplied at one point on chargeable basis @ 1% of the contract value, Power will be provided at one terminal point on commercial tariff plus applicable taxes, the contractor has to make their own arrangement for tapping the same with necessary tools & tackles and compressed air will be provided free of charges from the nearest tapping point subject to availability. The contractor should make necessary arrangement for tapping the same. In case BHEL is not able to provide the above facilities, contractor has to make his own arrangement for completion of the work at their own cost.
50. The contractor should be in a position to make his own arrangement for compressed air without any extra claim for the uninterrupted operation of jack hammer with silencer
51. Purchase preference policy if applicable will be extended to CPSE bidders subject to other terms & conditions as provided in the office memorandum issued by DPE. The tenderer has to furnish copy of Government circular for claiming purchase preference.
52. Tenderers are requested to furnish the duly filled in E format attached as separate sheet along with a cancelled cheque leaf to accept Electronic fund transfer / R T G S transfer for any payment from BHEL, Ranipet.
53. Bank Guarantee format can be obtained after award of work in case of successful tenderer.
54. No advance / mobilization advance will be given.
55. LD / Penalty clause is applicable as per General Conditions of Contract in force.
56. BHEL reserves its right to accept / reject any or all the tenders without assigning any reasons.
57. The quoted amount as provided in this tender will be in full and final for functions to be performed by the contractor and no claim whatsoever shall be made against BHEL in respect of any part relating to the plans, drawings and other documents submitted by the contractor. The drawings, design, plan, related details prepared and acquired by the Contractor for the work entrusted to him under this agreement will become the property of BHEL. The drawings, design, plan, related details cannot be issued to any other person, firm or authority or used by the Contractor for any other project without prior permission of BHEL.
58. BHEL may review the work carried out by the contractor at planning, detailed engineering or at any pre-constructional stage to get satisfied with the standards and procedures adopted by the contractor to make available the concerned documents to BHEL on demand.

Force Majeure clause: If at any time during the continuance of this contract the performance in whole or in part by either party of any obligations under this contract shall be prevented or delayed by reason, of any war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine, restrictions or acts of GOD (hereinafter referred to as events) then provided notice of happening of any such events is

given by either party to other within twenty one days from the date of occurrence thereof neither party shall reason of such events be entitled to terminate this contract nor shall either party have any such non performance and delay is resumed as soon as practicable after such events has come to an end or ceased to exist. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason or any such event claims for extension of time shall be granted for period considered reasonable by BHEL subject to prompt notification by the tenderer to BHEL of the particulars of the events and supply to the BHEL if required of any supporting evidence. Any waiver of time in respect of partial installment shall not be deemed to be a waiver of time in respect of remaining deliveries.

The correspondence exchanged against the tender from both tenderer and BHEL through email are considered as valid document legally though it is not signed. It is treated as valid confirmations made on behalf of the respective company and very much comes under the legal ambit of the business transaction and hence it is binding on both the parties to the business.

Any transaction pertaining to the tender from both the parties of business done round the clock irrespective of the office or business hours of the companies, are valid legally and binding on both the parties. This applies to the extent only in such cases where deadline time for transaction is not specifically declared by either or both the parties to the business.

In case Letter of Intent (LOI) is issued through email, the PC generated time and date of mail shall be construed as the official time and date of release of LOI. In as much as this date is within the last date of validity given by the bidder the LOI is said to have been issued within the validity period and shall be binding on both the parties to the business.

Tenderers participating in the tender should declare in their technical bid that whether they have been black-listed / kept on hold for a specified period / given Business holiday for a specified period by any Public sector undertaking or Government departments. The reasons for such action with details and the current status of such hold shall be clearly furnished to BHEL. If no such details are mentioned in the offer then it will be construed that the subject bidder is not under any such hold. But at a later date if it comes to the notice of BHEL about any such hold under enforcement on the subject bidder, BHEL will have every right to reject the offer of such vendors at any point of time and also under any stage of the finalisation of the subject tender irrespective of the status of the subject bidder in that tender. Such bidders will not be permitted to participate in the further tender proceedings and will be communicated suitably. They will not be also considered for any ongoing tenders even if participated till the hold is officially lifted and confirmed in writing.

INSTRUCTIONS TO TENDERERS

1. The tender is open to all Contractors. The Contractors not borne on the approved list of contractors of this Organization must submit the following testimonials simultaneously with their tenders.
 - i. A Certificate to establish that the tenderer is an independent contractor working on his own
 - ii. At least two certificates from responsible Officers of Government of Firms of repute, regarding the tenderer's capacity to undertake and carryout the work tendered for or similar work satisfactorily.

NOTE :

- a) Copies of testimonials unless attested by a Gazetted Officer will not be accepted
- b) Non – Submission of the above testimonials simultaneously with the tenders may result in the tender being rejected
2. The tenders should be accompanied by a list of contracts already held by the contractor at the time of submitting the tender and giving the following particulars
 - a) Value of each contract
 - b) The balance value of work to be done on the same
3. The tenderer is advised to obtain the tender documents in person or by a messenger duly authorized to do so. The BHARAT HEAVY ELECTRICALS LIMITED will not under any circumstances accept responsibility for the non – receipt of delay in the receipt of the tender documents by the tender.
4. Rate for each item of the tender schedule should be quoted in FIGURES and in WORDS. In case of any difference in the rates quoted in figures and in words, the lower of the two rates will be taken as the tendered rate. Unit rate quoted shall be the basis for arriving the total value of the tender. The total amount for every item shall be arrived by multiplying the unit rate with the quantity indicated for that item. In case of any arithmetic deviation is noticed in the total amount, the same will be corrected and evaluated by taking unit rate as basis and multiplying with the quantity indicated.
5. Rate quoted shall include all royalties, terminal taxes, Octroi duties, Central or Provincial Excise Tax, Sales Tax and any other taxes leviable under the State or Central Government rules. The Bharat Heavy Electricals Ltd., will not entertain any claim whatever in this respect. **However if the service tax is applicable for this contract work including free issue materials, the same will be extra and will be reimbursed on submission of the documentary evidence for having paid service tax by the tenderer.**
6. Should a tenderer find discrepancies or omissions in the drawings or any of the tender documents or should be in doubt as to their meaning, he should at once address the authority inviting the tender for clarification. Every endeavor is made to avoid any error which can materially affect the basis of the tender but the successful tenderer shall take upon himself to provide for the risk of any error which may be subsequently by discovered and shall make no subsequent claim on account thereof.
7. Tenders submitted by post should be sent “Registered Post with Acknowledgement due”. These should be posted with due allowance for any delay in postal delivery. Tenders received after the due date and time of opening, tenders are liable to be rejected.

8. Where the tender called for covers only the building work and excludes internal services such as sanitary and water supply installations, electrification etc., the building contractor will have to leave pockets, holes, etc., as required for other works and will have to phase his work to ensure smooth progress of the work of the other agencies also as directed by the Engineer – in – charge.
9. Where the tender schedule contains special items of work such special floor finishes, foam concrete for insulation, special water proofing treatment to roofs etc., it will be entirely at the discretion of the Project Authorities to allot these items of work to other contractors specialized in these works. In such cases, the main building Contractor will have to tender all necessary co-operation to the agencies involved so as to ensure the smooth progress of all work.
10. The contractor's responsibility under this contract shall commence from the date of receipt of the LOI by the tenderer. The scheduled period of completion for this work will be as mentioned in page No. 02, and the Contractor will have to plan his work accordingly.
11. Generally, the maintenance period for any work under BHEL Organization will be SIX (6) MONTHS .
12. **Earnest Money Deposit:**

Earnest Money is to be paid by each tenderer to ensure that the tenderer does not refuse to execute the work after it is awarded to him. Shall also be furnished in the form of Pay Order or Demand Draft in favour of BHEL, Ranipet-6. EMD in any other form will not be accepted. The rate of earnest money deposit shall be as under:

Works costing up to Rs. 2 lakhs	NIL
Works costing more than Rs.2 lakh and up to Rs. 5 lakhs	Rs. 10,000/-
Works costing more than Rs.5 lakhs and up to Rs.10 lakhs	Rs. 20,000/-
Works costing more than Rs.10 lakhs and up to Rs.20 lakhs	Rs. 40,000/-
Works costing more than Rs.20 lakhs and up to Rs.30 lakhs	Rs. 60,000/-
Works costing more than Rs.30 lakhs and up to Rs.50 lakhs	Rs. 1,00,000/-
Works costing more than Rs.50 lakhs and up to Rs.100 lakhs	Rs. 1,50,000/-
Works costing more than Rs.100 lakhs	Rs. 2,00,000/-

One time EMD will also be Rs.2 Lakh.

EMD by the Tenderer will be forfeited if,

- a) After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.
 - c) The tenderer does not commence the work within the period as per LOI / Contract. In case the LOI / contract is silent in this regard then within 15 days after award of contract.
 - c) EMD given by all unsuccessful tenderers shall be refunded normally within fifteen days of acceptance of award of work by the successful tenderer.
 - d) EMD shall not carry any interest.
13. Should a tenderer or a contractor on the list of approved Contractors have a relative, or in the case or a firm or Company of contractors any of its share holders or shareholder's relative, employed in a gazetted capacity in the Engineering Department of the Bharat Heavy Electricals Limited, the authority inviting tenders shall be informed of this fact at the time of submission of the tender, failing which tender, may be disqualified or if such fact subsequently comes to light, the contract may be rescinded in accordance with the relevant provisions in the General Conditions of Contract.

14. If tenderer expires after the submission of his tender or after the acceptance of his tender the BHEL may, at their discretion, cancels such tender. If a partner of a firm expires after submission of tender or after the acceptance of the Tender, BHEL may cancel such Tender at their discretion unless the firm retain its character.
15. The Bharat Heavy Electricals Limited will not be bound by any power of attorney granted by the tenderer or by changes in the composition of firm made subsequent to the execution of the contract. They may however dispatch such power of attorney and changes after obtaining proper legal advice the cost of which will be chargeable to the contract concerned.
16. If the tenderer deliberately gives wrong information in his tender or creates conditions favourable for the acceptance of his tender, the Bharat heavy Electricals Limited, reserves the right to reject such tender at any stage. Also BHEL reserves its right to finalize the contract through reverse auction for which only qualified tenderers will be provided with necessary documents containing reverse auction rules, terms and conditions for this purpose.
17. Words importing the singular number shall also be deemed to include the plural number and vice versa where the context so requires.
18. The expenses for completing and stamping the agreement shall be paid by the contractor.
19. The General and special conditions are complementary to each other and where they are conflict the Special Conditions shall prevail. In regard to matters not covered by the General and Special Conditions of Contract, those contained in the Tamil Nadu Building Practice Standard Specifications or other specifications approved by the Bharat Heavy Limited, Shall apply.
20. Tenderers shall not increase their quoted rate in case the Bharat Heavy Electricals Limited, negotiates for negotiation for reduction of rate. Such negotiation shall not amount to cancellation or withdrawal of the original offer and the rate originally quoted shall be binding on the tender for a **period of three months** from the date of opening of tenders.
21. Canvassing in any form in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection
22. All contractors will have to produce copy of Income tax Return for the last three years along with their tenders. Those Contractors whose income is not taxable will be required to give an affidavit of their income on the prescribed form.

TENDER NOTICE

NAME OF WORK : Civil works for Extension of Roll forming bay in factory.

1. SEALED TENDERS for the above noted work are hereby invited from contractor experienced in works of similar kind and magnitude. Tenders will be received by ADDL.GENERAL MANAGER / CIVIL / PROJECTS & SERVICES Bharat Heavy Electricals Limited, Ranipet – 632 406 up to **15.00 Hrs** on **02.02.2011** and will be opened on the same day at **15.00** hrs. at the Office of the ADDL. GENERAL MANAGER / CIVIL / PROJECTS & SERVICES in the presence of such of those tenderers. Or their agents who may choose to attend.
2. TENDER FORMS and other particulars regarding the proposed work can be obtained on any working day from 8.00 A.M. to 4.30 P.M. up to **01.02.2011** on payment of the prescribed sum of **Rs.750/** - per set (including Sales Tax) + postage charges of Rs. 100/-. Amount non refundable.
3. TENDERS must be submitted in sealed covers and should be addressed to **MANAGER/CIVIL/PROJECTS & SERVICES** with full name and address of the tenderer and the name of work being noted on the cover
4. All entries in the tender documents should be in one ink. Erasers and over writings are not permitted. All cancellations and insertions should be duly signed by the tenderer concerned.
5. TENDERERS should fill in all the required particulars in the blank spaces provided for this purpose in the tender documents and also sign each and every page of Tender Documents including the drawings attached there to before submitting their tender.
6. UNIT rate should be quoted in figures as well as in words with reference to each item and for all the items shown in the attached schedule. These rates shall be for the finished work in site. Amount of each item and the total page by page and also the grand total amount of the whole contract should be filled in by the tenderers. Unit rate quoted shall be the basis for arriving the total value of the tender. The total amount for every item shall be arrived by multiplying the unit rate with the quantity indicated for that item. In case of any deviation is noticed in the total amount, the same will be corrected and evaluated by taking unit rate as basis and multiplying with the quantity indicated.
7. In quoting their rates, the tenderers are advised to take account all factors including any fluctuations in the market rates etc. No claim will be entertained on this account after acceptance of the tender or during the currency of the contract.
8. Before tendering, the tenderers are advised to inspect the site of work and its environments and be well acquainted with the actual working and other prevalent conditions position of materials and labour, General and Special Conditions of Contract. Instructions to tenders, drawings and Specifications and all other documents which form part of the Agreements to be entered into.
9. In case of any discrepancy between general conditions of contract & preamble , only preamble prevails over the other . Likewise the specification in the BOQ over the rest of the document.
10. Quoted rate shall be firm throughout the contract period and no cost escalation is allowed on any account.
11. In the event of tender being submitted by firm the tender must be signed separately and legibly by each partner or member of the firm or in their absence, by the person holding the power of attorney on behalf of the firm concerned in the latter case a copy of the power of attorney duly attested by a Gazetted Officer must accompany the tender.
12. Every tender must be accompanied with EMD for the amount as specified in Page No. 02 in any of the form mentioned in Para 12 of the "Instruction to Tenderers". This Earnest Money will be refunded to the unsuccessful tenderers within fifteen days of

finalization of the award of work. In case of the successful tenderer, the Earnest Money will be retained as part of the Security Deposit for satisfactory completion of the work in accordance with Clause 16 of the General Conditions of Contract.

NOTE: Cheques, Currency Notes and Money Orders will not be accepted in lieu of the deposit receipt referred to above

13. Security Deposit

13.1 Security Deposit should 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 collected before start of the work from the contractor.

13.2 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 subject to a maximum of 50% of the total security deposit value. The balance 50% has to be remitted either by cash or in the other form of security. 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.

vii) Security deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of the Security Deposit should be collected before start of the work and the balance 50% may be recovered from the running bills.

viii) EMD of the successful tenderer shall 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.

13. Unless the contractor whose tender is accepted signs the Contract Agreements and makes the necessary security deposit specified in Para 13 above within Seven days of the date of the order directing him to do so the amount of Earnest Money Deposit already deposited by him will be forfeited and acceptance of his tender withdrawn.

14. After tender opening if tenderer revokes his tender or increases his earlier quoted percentage rate or after acceptance of his tender does not commence the work in accordance with the instruction of the Engineer-in-charge, the Earnest Money deposited by him will be forfeited and acceptance of his tender withdrawn. If only a part of the work included in the tender had been awarded to the tenderer, the amount of Earnest Money to be forfeited will be based on the value of the contract so awarded.
15. The Bharat Heavy Electricals Limited reserved the right to reject any or all the received or accept any tender or part thereof without assigning any reason thereof. In the case acceptance of part of tender, time for completion may also be reduced to the extent considered appropriate by the Accepting Authority. Also BHEL reserves its right to finalize the contract through reverse auction for which only qualified tenderers will be provided with necessary documents containing reverse auction rules, terms and conditions for this purpose.
16. Conditional and Un witnessed tenders, tender containing absurd rates and amounts tenders which are incomplete or otherwise considered defective and tenders not in accordance with the tender conditions laid down by the Accepting Officer are liable to be rejected.
17. Tenders not submitted on the prescribed form are liable to be rejected
18. The work must be completed within a period as mentioned in page No.02.
19. The Chairman / General Manger / Deputy General Manager / Deputy Manager / Senior Engineer shall be Accepting Officer, herein after referred to as such for the purpose of this contract.
20. This tender notice shall be deemed to form an integral part of the contract to be entered into for this work.
21. The tenderers are advised to go through the condition stipulated in Tender document & code of conduct for 'Health & Safety of Contract Labourer' in details. Any violation thereof will invite punitive action being taken against them. While quoting the rate all the above factors are to be taken into account.

ISSUING OFFICER

SCHEDULE 'A'

LIST OF WORKS AND PRICES

NAME OF WORK: Civil works for Extension of Roll forming bay in factory.

DETAILS & QUANTITIES of each item of work shown in the BILL OF QUANTITIES are only approximate. They are given as a guide for the purpose of tendering only and are liable to variation and alteration of the Competent Authority. The work under each item as executed shall be measured and priced at the corresponding rate quoted by the contractor in the BILL OF QUANTITIES

Sl.No.	Description of work / supplied	Total amount of work / supplies (in figures and words) Rs. Ps.	Period of contract
1.	As per enclosed BOQ	-----	5 Months

BILL OF QUANTITIES

Sl. No.	Appx. Qty.	Description of work	TNBP No.	Rate (Both in Unit fig & Words	Amount Rs. Ps.
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AS PER SEPARATE SHEETS ATTACHED CONTAINING 1 PAGE

FROM SERIAL No. **1 to 2**

SCHEDULE 'B'

LIST OF FREE ISSUE MATERIAL FROM BHEL STORE

SI.No	Name of Material
1	Nil

SCHEDULE 'C'

ISSUE OF TOOLS AND PLANTS TO CONTRACTORS

Sl.No.	Qty.	Particulars	Details of BHEL Crew Supplied	Hire Charges Per unit Per Day	Place of Issue	Remarks
--------	------	-------------	-------------------------------------	--	----------------------	---------

.....Nil.....

a. Machineries shall not be operated over time without the written permission of the Sr. Engineer / Dy. Manager / Manager.

b. All Coolies, Watermen etc., required in addition to BHEL crew mentioned in column 4 above shall be arranged by the contractor at his own expense.

SCHEDULE 'D'

NOTE: All Drawings are to be signed by the Contractor as well as the officer entering into contract.

SL.No.	DRAWING NUMBER	DESCRIPTION
		-----NIL-----

C.A.....Date
(To be used in conjunction with BHE Ltd., General Conditions of Contract)

AUTHORITY TO TENDER

Tender Notice No.

Office of the
ADDL.GEN. MANAGER / CIVIL /PROJECTS &
SERVICES,BHARAT HEAVY ELECTRICALS LIMITED
RANIPET – 632 406.

Tender Schedule No.

Civil works for extension of roll forming bay in factory

Messrs / Mr.

.....of.....

are / is hereby authorized to tender for the above work. The Tender is to be delivered at the Office of the ADDL. GEN. MANAGER / CIVIL /PROJECTS & SERVICES Bharat Heavy Electricals Limited Unit, Boiler Auxiliaries Plant , Ranipet – 632 406, **up to 15.00 hrs. on 10.06.2011** addressed to the Manager / Civil / Projects & Services , BHEL. Boiler Auxiliaries Plant , Ranipet – 632 406, superscribing the name of work as mentioned above.

Any correspondence concerning this tender should be addressed as indicated above quoting the Tender Notice, Schedule No. and other relevant particulars.

BHARAT HEAVY ELECTRICALS LIMITED DO NOT BIND THEMSELVES TO ACCEPT THE LOWEST OR ANY TENDER.

Issuing Officer with
Designation

Contract Agreement No.....

TENDER

To

The Additional General Manager/Civil/ Projects & Services
Bharat Heavy Electricals Limited
Unit : Boiler Auxiliaries Plant
Ranipet – 632 406.

I / We hereby offer to carry out the **Civil works for extension of roll forming bay in factory**

I / We hereby carefully perused the following documents connected with the above noted work and agree to abide by the same.

- 1.Specifications (General & Particular)
- 2.Schedule 'A', 'B', 'C', 'D' & 'E'
- 3.BHE Ltd., General & Special Conditions of Contract, Tender Notice and Instructions to Tenders attached hereto.

I / We forward herewith the sum of Rs.....as Earnest Money, which shall be refunded should this tender be rejected. I / We further agree to deposit such sum which along with the sum of Rs.....mentioned above shall make up 50% of the fully Security Deposit for this work as provided for under conditions of the BHARAT HEAVY ELECTRICALS LIMITED General Conditions of Contract.

I / We further agree to execute all the work referred to in the said documents upon the terms & conditions contained or referred therein and as detailed in Schedule 'A' and Bill of Quantities annexure thereto and to carry out such deviations as may be ordered, vide conditions 6 of the BHEL Ltd., General Conditions of Contract up to a maximum of 20% of the tendered amount of Rs.....

I / We further agree to refer all disputes, as required by condition 62 of the General conditions of Contract to the sole arbitration of an Officer, to be appointed by the General Manager, B.H.E Ltd., in his sole discretion whose decision shall be final and binding.

WITNESS

Signature of the Contractor

Date :

1.

2.

GENERAL SUMMARY

1.	(a) Net Cost of works or building etc., from Schedule 'A'	Rs.
2.	Provisional sum	Rs.
	
	Total	Rs.
	

Rupees.....
.....
.....

Shri..... in the
capacity of has been
duly authorized by me / us to sign the tender for and on behalf of
.....

(in block letters)

Date :

SIGNATURE OF CONTRACTOR

Witness :

Postal Address :

1.....
Address

Telephone No.

2.....
Address

..... alterations have been made in the Tender Document and as evidence that these alterations were made before the execution of contract agreement, they have been initialed by the Contractor and the

.....
.....
.....

.....the said officer is hereby authorized to sign and initial on my behalf the documents forming part of this contract (Number of alternation in figures and words to be given here)

The above tender is accepted by me on behalf of the Bharat Heavy Electricals Limited, Unit : Boiler Auxiliaries Plant , Ranipet – 632 406.

for a sum of Rs.....
.....
.....

.....at the rates as indicated in Schedule 'A'.(Bill of Quantities)

SignatureDate.....

Designation



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
15.2	01	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
15.2.2	01A	1:4:8 or leaner mix	1.000	cum	226.90	226.90
15.3	02	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.000	cum	537.55	537.55
15.7	03	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
15.7.4	03A	In cement mortar	5.000	cum	310.75	1553.75
15.9	04	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge:				
15.9.2	04A	In cement mortar	1.000	cum	370.75	370.75
15.18	05	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50metres lead.	5000.000	kg	0.85	4250.00
15.28	06	Dismantling roofing including ridges, hips valleys and gutters etc., and stacking the material within 50 metres lead of:				
15.28.1	06A	G.S. Sheet	250.000	sqm	24.70	6175.00
15.40	07	Dismantling precast concrete or stone slabs in walls, partition walls etc. including stacking within 50 metres lead:				

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
15.40.2	07A	Thickness above 40 mm up to 75 mm	100.000	sqm	66.05		6605.00	
15.43	08	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50metres lead as per direction of Engineer-in-charge :						
15.43.1	08A	Water bound macadam road	100.000	sqm	34.30		3430.00	
15.43.2	08B	bituminous road	10.000	sqm	66.30		663.00	
2.8	09	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.						
2.8.1	09A	All kinds of soil.	1455.000	cum	103.40		150447.00	
2.9	10	Excavation work by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains not exceeding 1.5 m in width or 10 sqm on plan including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50m.						
2.9.1	10A	Ordinary rock	305.000	cum	162.65		49608.25	
2.9.2	10B	Hard rock (requiring blasting)	20.000	cum	272.95		5459.00	
2.25	11	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead	550.000	cum	45.70		25135.00	

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

**BHARAT HEAVY ELECTRICALS LIMITED**

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		up to 50 m and lift upto 1.5 m.						
2.26	12	Extra for every additional lift of 1.5 m or part thereof in.						
2.26.1	12A	All kinds of soil.	830.000	cum	18.90		15687.00	
2.26.2	12B	Ordinary or hard rock.	126.000	cum	33.85		4265.10	
2.27	13	Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	140.000	cum	301.50		42210.00	
1.1.1 AII	14	Conveyance of earth, sand, gravel etc. by contractor's own lorry for loading, leading, unloading, stocking or spreading as per the instructions of Engineer - in - charge from 1 KM to 2 KM	1520.000	CUM	56.41		85743.20	
4.1	15	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :						
4.1.9	15A	1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40 mm nominal size)	200.000	cum	1416.40		283280.00	
4.10	16	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).	80.000	sqm	76.88		6150.00	
5.9	17	Centering and shuttering including strutting, propping etc. and removal of form for :						
5.9.1	17A	Foundations, footings, bases of columns, etc. for mass concrete.	570.000	sqm	119.25		67972.50	
5.9.3	17B	Suspended floors, roofs, landings, balconies and access platform.	40.000	sqm	187.35		7494.00	
5.9.5	17C	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	10.000	sqm	162.65		1626.50	
5.9.6	17D	Columns, Pillars, Piers, Abutments, Posts and Struts.	10.000	sqm	238.40		2384.00	

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
					RS	P	RS
5.9.2	17E	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	120.000	sqm	180.40		21648.00
5.11	18	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de-shuttering and decentering at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be measured)					
5.11.1	18A	Suspended floors, roofs, landing, beams and balconies (Plan area to be measured).	10.000	sqm	70.20		702.00
5.17	19	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in vertical & horizontal fins individually or forming box louvers setting in cement mortar 1:2 (1 cement : 2 coarse sand) including the cost of required centering, shuttering and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete but excluding the cost of reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	4.000	cum	4297.73		17190.90
5.33	20	DESIGN MIX CONCRETE Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement. including Admixtures in recommended proportions as per IS 9103 to accelerate, retard setting of concrete, improve	330.000	cum	2025.65		668464.50

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		workability without impairing strength and durability as per direction of Engineer-in-charge. M-25 grade reinforced cement concrete by using 410kg. of cement per cum of concrete. All work up to floor V level.				
5.37	21	Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. M-25 grade Reinforced cement concrete by using 410kg of cement per cum of concrete. All works up to floor V level.	160.000	cum	4356.50	697040.00
5.39	22	Extra for carriage of R.M.C. beyond the initial lead of 10km.	3200.000	CUM/KM	20.90	66880.00
6.1	23	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in:				
6.1.2	23A	Cement mortar 1:6 (1 cement : 6 coarse sand)	35.000	cum	1798.31	62940.94
6.4	24	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
6.4.2	24A	Cement mortar 1:6 (1 cement : 6 coarse sand)	300.000	cum	2106.81	632043.75

CONTRACTOR/ TENDERER

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BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
7.1	25	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) at plinth level with :						
7.1.1	25A	Cement mortar 1:6 (1 cement : 6 coarse sand)	170.000	cum	1411.96		240033.63	
5.22	26	STEEL REINFORCEMENT Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.						
5.22.3	26A	Cold twisted bars	30000.000	kilo	6.19		185700.00	
5.28	27	Providing and fixing in position 12mm thick bitumen impregnated fibre board conforming to IS: 1838 including cost of primer, sealing compound in expansion joints. {UNIT: PER CM DEPTH PER 100 METRE}	25.000	CM/D/100M	334	55		

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
						8363.75		
10.1	28	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	2000.000	kg		6.50		13000.00
10.2	29	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete:	20000.000	kg		9.41		188200.00
13.1	30	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix :						
13.1.1	30A	1:4 (1 cement: 4 fine sand)	170.000	sqm		49.24		8371.27
13.1.2	30B	1:6 (1 cement: 6 fine sand)	1400.000	sqm		49.02		68628.00
13.2	31	15 mm cement plaster on the rough side of single or half brick wall of mix :						
13.2.1	31A	1:4 (1 cement: 4 fine sand)	145.000	sqm		56.51		8193.30
13.2.2	31B	1:6 (1 cement: 6 fine sand)	1400.000	sqm		56.30		78816.50
13.37	32	White washing with lime to give an even shade:						
13.37.1	32A	New work (three or more coats)	2000.000	sqm		6.75		13500.00
13.46	33	Finishing walls with Acrylic Smooth exterior paint of required shade :						
13.46.1	33A	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/ 10 sqm).	1000.000	sqm		50.40		50400.00
13.41	34	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade						
13.41.1	34A	New work (two or more coats) over and including priming coat with cement primer.	50.000	sqm		41.55		2077.50

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
DATA	35	Supplying, laying, spreading and compacting soling stone of specified size, manual packing as per specifications including spreading to uniform thickness, hand picking, rolling with 3 wheeled road / vibratory roller 8-10 tonne in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill upo interstices of soling stone, watering and compacting to the required density;.	200.000	CUM	1746.35		349270.00	
DATA	36	52mm thick cement concrete flooring with ironite topping under layer 40mm thick cement concrete 1:2:4 (1cement : 2 coarse sand :4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement - ironite hardner consisting of mix 1:2 (1 cement ironite mix : 2 graded stone aggregate 6mm nominal size) by volume. Ironite powder is mixed @ 4 kg / sq.m. as per manufacturers specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc., complete.	1320.000	SQ.M	212.97		281120.40	
21.1	37	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling,						

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) :						
21.1.1	37A	For fixed portion						
21.1.1.2	37A	Powder coated aluminium (minimum thickness of powder coating 50 micron)	25.000	kg	306.30		7657.50	
21.1.2	37B	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fittings shall be paid for separately).						
21.1.2.2	37B	Powder coated aluminium (minimum thickness of powder coating 50 micron)	25.000	kg	326.60		8165.00	
21.2	38	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type 11, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.						
21.2.1	38A	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	2.000	sqm	776.05		1552.10	
21.3	39	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-incharge. (Cost of aluminium snap beading shall be paid in basic item):						

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
21.3.1	39A	With float glass panes of 4.0 mm thickness	20.000	sqm	554.95		11099.00	
21.3.2	39B	With float glass panes of 5.50 mm thickness	2.000	sqm	673.55		1347.10	
DATA	40	Lime concrete terracing on roofs average thickness 10 cm laid to fall with 25mm nominal size brick aggregate and 50% lime mortar 1:2 (1 lime: 2 surki) rammed and finished with gur and belgiri treatment complete including rounding of junctions and parapet wall complete.	40.000	SQ.M	272.80		10912.00	
12.20	41	Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness and of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete.	40.000	sqm	195.84		7833.68	
9.1	42	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position :						
9.1.1	42A	SECOND CLASS TEAK WOOD	0.150	cum	52090.00		7813.50	
9.20	43	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.						
9.20.2	43A	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	4.200	sqm	1415.45		5944.89	
6.12	44	HALF BRICK MASONRY Half brick masonry with F.P.S. brick of class designation 75 in foundations and plinth in.						
6.12.2	44A	cement mortar 1:4 (1 cement : 4 coarse sand)	10.000	sqm	215.29		2152.88	

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
9.96	45	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :						
9.96.2	45A	250x16 mm	2.000	each	134.10			268.20
9.97	46	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :						
9.97.3	46A	200x10 mm	4.000	each	52.00			208.00
9.100	47	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :						
9.100.2	47A	100 mm	4.000	each	35.30			141.20
9.53	48	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)	12.000	each	55.81			669.69
9.76	49	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality).	2.000	each	332.65			665.30
12.41	50	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.						
12.41.2	50A	110 mm diameter	10.000	metre	163.40			1634.00

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BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
12.42	51	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.						
12.42.1	51A	Coupler						
12.42.1.2	51A	110 mm	2.000	each	101.65			203.30
12.42.5.2	51B	110 mm bend	2.000	each	134.20			268.40
12.42.6.2	51C	110 mm Shoe	2.000	each	263.10			526.20
11.36	52	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	4.000	sqm	492.33			1969.31
11.37	53	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	36.000	sqm	534.38			19237.55
2.31	54	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto	100.000	sqm	2.64			264.00

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RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.						
2.33	55	Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable material and disposal of unserviceable material.						
2.33.1	55A	Beyond 30 cm girth upto and including 60 cm girth	10.000	each	81.70		817.00	
2.33.2	55B	Beyond 60 cm girth upto and including 120 cm girth	5.000	each	359.80		1799.00	
2.6	56	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.						
2.6.1	56A	All kinds of soil	100.000	cum	101.85		10185.00	
DATA	57	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering with ready mix concrete of mix 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size). All works up to plinth level.	850.000	CU.M	2756.43		2342965.50	
21.4	58	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.						
21.4.1	58A	With stainless steel cover plate	2.000	each	1733.50		3467.00	

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BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
13.68	59	French spirit polishing :						
13.68.1	59A	Two or more coats on new works including a coat of wood filler.	10.000	sqm	75.60		756.00	
13.61	60	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :						
13.61.1	60A	Two or more coats on new work	100.000	sqm	35.35		3535.00	
6.5	61	Extra for brick work in superstructure above floor V level for each four floors or part thereof by mechanical means by lifting material using mobile crane.	50.000	cum	190.00		9500.00	
10.6	62	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5cm long wire springs grade No.2 and M.S. top cover of required thickness for rolling shutters.						
10.6.2	62A	80x1.20 mm M.S. laths with 1.20 mm thick top cover.	75.000	sqm	963.54		72265.41	
10.8	63	Extra for providing mechanical device chain and crank operation for operating rolling shutters.						
10.8.2	63A	Exceeding 16.80 sqm in area.	75.000	sqm	538.40		40380.00	
5.13	64	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in small lintels not exceeding 1.5m clear span up to floor five level including the cost of required centering, shuttering and finishing smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine	2.000	cum	4051.83		8103.65	

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BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		sand) on exposed surfaces but excluding the cost of reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).				
DATA	65	FIXING MS ROUND HOLDING ROUND BOLTS WITH NUTS AND WASHERS PLATES COMPLETE (BOLTS,NUTS, AND TEMPLATES WILL BE SUPPLIED BY BHEL FREE OF COST AT BHEL STORES)	2520.000	KG	9.05	22806.00

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT
RANIPET - 532405

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.

[AMOUNT IN Rs.]

TOTAL ESTIMATED VALUE BEFORE ESCALATION		7040970.30
ESCALATION @ 26.00 %		1830652.28
TOTAL ESTIMATED VALUE (A)		8871622.58
CONTRACTOR TENDER PERCENTAGE @	ABOVE <input type="checkbox"/> 1	
	BELOW <input type="checkbox"/> 2	
	AT PAR <input type="checkbox"/> 3	_____ %
(Percentage in words		(B) <input type="text"/> 4
)
SUB TOTAL	if above (A) + (B)	(C) <input type="text"/> 5
	if below (A) - (B)	(C) <input type="text"/> 6
	if at par (A)	(C) <input type="text"/> 7
	*SERVICE TAX @ _____ %	(D) <input type="text"/> 8
SERVICE HEAD :		
	TOTAL VALUE OF WORK [(C) + (D)]	(E) <input type="text"/> 9
(Rupees in words)

- NOTE :**
- 1) Instead of subtraction (for tender % quoted below), Total value of work is calculated by addition erroneously, L1 will be decided based on amount arrived by subtraction only. In the same way, instead of addition (for tender % quoted above), Total value of work is calculated by subtraction erroneously, L1 will be decided based on amount arrived by addition only. Any calculation error will be corrected at actuals.
 - 2) Tick whichever is applicable. In case of omission in Ticking, figures indicated in the amount column will be considered.
 - 3) Boxes 1,2,3 any one box is to be ticked as per quote. Boxes 5,6,7 any one box is to be filled in with appropriate figures. Box 9 value is equal to Box 5 or 6 or 7 plus box 8.
 - *4) Service Tax at applicable percentage shall be quoted by tenderers. In case Service Tax at composite rate quoted, it will be applicable on BHEL free issue of materials also. In case Service Tax % or Service tax amount is not mentioned, it is presumed that service tax at normal rate is included in the quoted rate.
 - 5) If any discrepancy between figures & words, L1 will decided based on words.

6) The value of BHEL free issue materials is Rs. 30,55,904-71

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/C/10/52

**NAME OF WORK : CIVIL WORKS FOR EXTENSION OF ROLLING BAY FOR COLLECTING ELECTRODE
DIPPING AREA IN FACTORY.**

[AMOUNT IN Rs.]

SPECIAL CONDITION

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

SPECIAL CONDITIONS OF CONTRACT

1. The tenderer shall quote a percentage above or below or at par, the rates shown in the Bill of Quantities based on CPWD DSR 2007. The percentage quoted shall be clearly written both in words and figures.
2. The quoted percentage will apply to the individual items uniformly.
3. The above rate does not include PF & ESI remittance .The tenderer shall quote inclusive of PF & ESI contribution to their workers.
4. Items of work other than those mentioned in Bill of Quantities will have to be carried out at the rates to be fixed by this organization. The same offered percentage will be applicable with reference to CPWD DSR 2007.
5. Water will be supplied at one point on chargeable basis @ 1% of the contract value, Power will be provided at one terminal point on commercial tariff plus applicable taxes, the contractor has to make their own arrangement for tapping the same with necessary tools & tackles and compressed air will be provided free of charges from the nearest tapping point subject to availability. The contractor should make necessary arrangement for tapping the same. In case BHEL is not able to provide the above facilities, contractor has to make his own arrangement for completion of the work at their own cost.
6. Safety precautions should be taken while doing the work. You will have to follow all safety requirements to carry out the work inside the factory premises.
7. All materials shall conform to the latest IS/IRC specifications
8. All the works to be carried out strictly as per the specifications laid down in Tamil Nadu Building practice and also satisfying relevant IS/IRC specifications.
9. Cement, Reinforcement steel, Structural steel and AC sheets will be issued free of cost for theoretical consumption and at a recovery rate of Rs. 6,325.00 / MT Rs. 41,975.00 / MT Rs. 46,500.00 / MT and Rs. 140.00 / Sqm respectively up to 5% over and above the theoretical consumption and beyond which penal recovery will be effected at the double the rates specified above.
10. Once the work is completed the contractor should remove all the unwanted materials from the site time to time and it should be disposed off as per the instructions of Engineer-in-charge without any further delay.

11. All the rates are inclusive of scaffolding charges, sundries & contingencies, carriage of materials, cost of brush, sand paper, ladder, gum, putty, turpentine, caustic soda or washing soda, mixing charges etc., complete.
12. All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
13. Base preparation, mixing ratio, etc. shall be as per the recommendations of the manufacturer.
14. All materials, colour, shade, brand, etc. shall be got approved from the Engineer-in-charge before the start of the work and shall conform to the latest IS/IRC specifications.
15. The contractor has to ensure payment of minimum wages for different category; of workers as announced by Tamil Nadu State Government / BHEL from time to time.
16. Coefficient of consumption for paint, distemper, cement, etc. shall be as per CPWD 2007 data.
17. The contractor shall have to follow all statutory requirements like PF, ESI, etc., throughout the contract period.
18. The General conditions of contract in force shall apply to this contract.
19. The contractor is required to engage a Degree / Diploma holder Engineer throughout the contract period.
20. Time is essence of the contract. Any delay beyond the delivery date will be subjected to LD.
21. The tenderer may visit the site and assess the prevailing conditions before quoting the rate.

22. CONTRACT CONDITIONS ON TAXES & DUTIES

- a) The Tenderer shall have been Registered under Excise, Sales Tax, Tamil Nadu VAT, Service Tax regulations if applicable and provide a copy of such registration to BHEL as part of the tender document. In case of fresh registration/amendment thereon, the same shall be carried out before start of the work. PAN no shall be submitted as part the tender document. (copy to be enclosed)

- b) Service Tax shall be paid by the service provider namely the Tenderer.
- c) Required Tax Invoice as per the existing provisions to be issued in required parts duly signed by the Competent/Authorized Official of the Contractor to BHEL
- d) If due to deficiency in the document submitted, BHEL could not avail CENVAT, VAT Credit, the credit amount will be recovered from the amount due to the Tenderer.
- e) If the payment of statutory dues are not made in accordance with the applicable provisions of the relevant Act within the time specified and Penalty, Interest etc paid/payable by the Contractor, the same shall not be reimbursed by BHEL and the entire implication is only to be borne by the Contractor. The Tenderer shall clearly indicate the rate of applicable taxes and duties for the work to be executed.
- f) The Tenderer shall indicate all exemptions on account of threshold limits or special notification under any statute. Any modification thereon shall also be intimated immediately on changes.
- g) The quote submitted shall include all taxes and duties of whatsoever in nature but exclusive of Service Tax which shall be quoted separately if applicable. The existing rate shall be quoted clearly. If reduced rates are applicable on account of material, labour if any the same shall be indicated clearly. After tender opening addition of any tax & duty is not admissible.
- h) If any composition scheme is to be availed by the Tenderer, the all relevant terms and conditions shall be indicated clearly in the offer. The required compliance under relevant statute shall be carried out.
- i) Any statutory variation will be to the account of BHEL. But if the variation is effective during the delayed/extended period of execution for reasons attributable to the vendor, the same shall be borne by the vendor only.