

# **Bharat Heavy Electricals Limited**

**High Pressure Boiler Plant  
Tiruchirappalli – 620 014. India  
Civil Engineering Department**

## **TENDER DOCUMENT (PRICE BID)**

<b>Name of work</b>	<b>: Supply &amp; installation of Interior arrangements like glass partition, access controlled door, wall panelling, sun control film, blinds and stainless steel hand rails for Admin bldg. at PPPU/Thirumayam.</b>
<b>Value of work</b>	<b>: Rs.500.38 Lakh</b>
<b>Tender Notice No.</b>	<b>: CIVIL TN No. 001/2014-15</b>
<b>Tender Schedule No.</b>	<b>: CIVIL TS No. 001/2014-15</b>
<b>Period of Contract</b>	<b>: 6 (Six) Months</b>
<b>Issued to</b>	<b>:</b>

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI – 620 014  
CIVIL ENGINEERING DEPARTMENT**

**PREAMBLE**

01. The scope of work includes **Supply & installation of Interior arrangements like glass partition, access controlled door, wall paneling, sun control film, blinds and stainless steel hand rails for Admin bldg. at PPPU/Thirumayam**
02. The tender value excludes cost of cement, reinforcement steel & structural steel which will be supplied by BHEL at Stores at free of cost. Other free issue materials by BHEL are indicated in Schedule B of the Price bid document.
03. Time is the essence of the contract. Being a time bound expansion scheme with capital expenditure, the contractor should make all efforts to complete the work in time. Even though the overall completion period is indicated as **6 (Six) months**, the work shall be completed progressively floor wise and handed over as per agreed split up schedule.
04. The tenderers are advised to visit **BHEL PPPU (Power Plant Piping Unit)Thirumayam, Pudukottai District, Tamilnadu** and get themselves acquainted with the site conditions before submitting the offer. The modular work stations already installed.. Care shall be taken during the course of execution so that there should not be any damage to the existing furniture and their arrangements. Damages if any will attract recovery with appropriate departmental charges.
05. The following eligibility criteria shall be complied to fulfill the Qualification Bid:-
  - a) Separate Registration for EPF,PAN,IT Return acknowledged by IT Office, Service Tax, Profit & Loss account and balance sheet certified by the auditor for the last three years (2010-2011,2011-2012,2012-2013)
  - b) Average annual turnover of similar works (interior and elevation works) in the last three years(2010-2011,2011-2012,2012-2013) should be at least for a value of Rs.150.12 Lakhs
  - c) During last seven years should have successfully completed works either
    - i) Three similar works each not less than Rs.200.15 Lakhs .
    - or
    - ii) Two similar works each not less than Rs.250.19 Lakhs.
    - or
    - iii) One similar work not less than Rs.400.30 Lakhs.
  - d) Latest Solvency certificate from nationalized / scheduled bank shall be produced for at least Rs.200.15 Lakhs. **(The date of certificate shall be within six months from the date of issue of the tender notice.)**
06. The works executed in the own name of the tenderer only will be considered for eligibility criteria.
07. Similar work means providing interior and elevation works. Dissimilar / irrelevant works will not be considered for eligibility criteria.
08. Documentary evidences (Xerox copies - attested) for turnover, works experience, P.F, Sales Tax and Service Tax registration etc., all as indicated & required in the tender document should be furnished without which it will not be taken into account. **!**

09. The value of turnover and the value of interior arrangements / elevation works mentioned above includes cost of materials.
10. The norms for qualification with prescribed score is attached in the Qualification Bid Document. Evaluation will be done accordingly. Minimum score required for qualification is 60 out of 100.
11. Tender Value is only approximate and liable for variation without entitling the tenderer to any compensation, till the total value of contract vary by more than 20% (twenty percentage).
12. Quoted rate shall be firm throughout the contract period of **6 (Six) months including extended period if any** and no cost escalation is allowed on any account.
13. The item 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 (**including VAT**) transport, lay-out, repairs, rectifications, maintenance till handing over, supervision, labour colonies, establishment, services, roads, revenue expenses, overheads, profits & all other incidentals etc., complete. **The rate quoted does not include Service Tax. The applicable Service Tax can be claimed from BHEL, along with their monthly bill for further payment to be made to the authorities concerned. While claiming monthly bill the contractor should produce copies of challans of previous Month / Quarter as proof of deposit of Service Tax along with a declaration that “ The Service tax collected from BHEL has been remitted to Service Tax authorities”.**
14. Some changes are likely in the quantities furnished as well as in the layout, design and specifications of the work. The rates quoted shall be deemed to be inclusive of all such contingencies.
15. 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.
16. The work shall be carried out as per drawings released then and there, 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 for all the items given in the Bill of Quantities provided in the Price Bid. (From page No. 18 to 24).**
17. 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.
18. **After award of work the contractor has to furnish the security deposit, as per Clause 13 of Tender Notice, attached in the Price Bid. 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.**
19. The contractor should bring required machines, tools and equipments for carrying out the total work without any delay. Also required number of the following tools & plants / instruments shall be made available always at site for the works.
  - a) Cutting machines for granite floor , glazing & Aluminium sections
  - b) Cutting blades for granite floor, glazing & Aluminium sections,,
  - c) Drilling machines with required size of drill bits,
  - d) Jumper
  - e) Hammer

- f) Chisels, tri square etc.,
20. The contractor has to arrange sufficient number of lorries to collect & transport the construction debris generated, etc. at site. Otherwise BHEL would clear the debris at the contractor's risk and cost.
  21. The contractor has to execute any item of work irrespective of the quantity available in the tender without any reservation till the contract value does not vary more than 20%.
  22. 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.
  23. 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.
  24. The decision of Engineer-in-charge shall be final and binding on the contractor regarding clarification of items in this tender schedule.
  25. The works contract to be entered into with the successful tenderer will be governed by the BHEL Revised General Conditions of Contract in force.
  26. The contractor shall strictly adhere to various labour laws in force. The tenderer has to ensure payment of minimum wages as per Tamil Nadu State Minimum wages as applicable under law from time to time
  27. The contractor has to submit the 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.
  28. 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.
  29. 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.
Planning Engineer and co-ordinator	-	2 No.
Supervisor/Engineer (Diploma Holder)	-	2 Nos.
Qualified Safety Engineer / Supervisor	-	1 No

In addition to the above, Quantity surveyors have to be engaged to prepare measurements and submit the bills.
  30. To safeguard the persons working at height in roof, wall etc., sufficient number of Industrial Safety nets 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, Painter, Carpenter, Welder, Fitter, Mistry, Technically experienced, etc. so as to execute the works simultaneously in all floors. The Technical persons with experience shall have to produce valid certificate for verification.

32. Skilled labour only to be engaged for specialized items of work like fixing false ceiling, partition, wall paneling, architectural finishing etc. and work experienced persons shall be engaged for fabrication & erection works etc.
33. The contractor shall follow norms of BHEL security system for movement of men & materials within the complex.
34. Exclusive Stores personnel should be engaged who would co ordinate with department official for clearance and collection of BHEL supplied materials required for works.
35. Separate non-technical persons should be engaged for arranging daily gate passes for labours and vehicles entry in all the gates of Factory Complex.
36. 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.
37. 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.
38. All the works shall be executed as per the standard specifications as provided in TNBP / BIS.
39. All the materials to be used in the work and the nature of work shall conform to the respective TNBP & BIS and National Building Organization, 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.
40. The contractor should maintain proper accounts for cement, reinforcement steel and structural steel sections and other materials if any supplied by this organization and these should be available at the site of work for verification and check by the Officials of this Organization at any time.
41. 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.
42. **The contractor should use only the materials of brand and quality as approved by BHEL.**
43. All materials and consumables brought by the contractor should have manufacturer's certificate.
44. All safety measures are to be followed during execution of work.
45. The contractor should cover the labourers working under him with Group Insurance Scheme
  
46. Contractor's materials and tools & plants shall have to be brought inside factory with proper invoice / voucher and make necessary entry in the security gate. They should maintain proper record for tools and plats, materials, etc., brought inside the factory complex.

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. On the written request from the contractor **Water required for the work may be provided by this organization at only one point at the site of the work at free of cost.** In case of failure of water supply, the Contractor will have to make his own arrangements for water without any extra claims until supply is restored. BHEL does not accept any liability whatsoever for non-supply or delay in the supply of water under any circumstances. The contractor shall ensure that there is no wastage of water otherwise supply of water is liable to be stopped at contractor's risk and cost.
50. On the written request from the contractor **Electrical energy required for the work may be given by this organization at any one point in each floor at free of cost.** BHEL does not accept any liability whatsoever for non-supply, delay in supply or failure of supply of electrical energy. Contractor shall ensure that there is no wastage of electrical energy otherwise supply is liable to be stopped at contractor's risk and cost. The contractor shall make leak proof / fire proof shed and provide control panel board of required capacity and lay the required cables at their own cost for further distribution.
51. On the written request from the contractor **Compressed air alone will be provided this organization at only one point near the site of work at free of cost. The contractor has to provide further arrangements from that point to his other areas.** **Also** 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 wherever BHEL is not in a position to supply compressed air.
52. 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.
53. 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, Trichy.
54. In all matters of dispute the decision of General Manager / BHEL, Tirchy-620014 is final and binding on the successful tenderer.
55. A) Bank Guarantee format for security deposit can be obtained after award of work in case of successful tenderer.  
B) The Bank Guarantee bond (BG) is to be submitted on one Judicial Stamp paper of Rs.100 and should be only for any one of the banks as per the list of consortium Banks in India in the Qualification Bid.
56. No advance / mobilization advance will be given and the part payment or advance for raw materials brought by the successful tenderer will not be paid. The payment for the finished items of Works only will be paid after incorporating the raw material into the work if any.
57. LD / Penalty clause is applicable as per General Conditions of Contract in force. All the terms and conditions in the documents are binding on the tenderer.

58. BHEL reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract at another project/unit awarded against a different enquiry.
59. BHEL reserves its right to accept/reject any or all the tenders.
60. 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.
61. **The tenderer has to ensure payment of Minimum Wages as per Tamil Nadu State Minimum Wages as applicable under law from time to time. The Labourers engaged in this contract shall be paid additional payment as mentioned below in addition to the payment of Minimum wages as stated above.**
- |                                |                    |
|--------------------------------|--------------------|
| a) Unskilled Worker            | Rs. 3200 per month |
| b) Semi-skilled Worker         | Rs. 3700 per month |
| c) Skilled Worker / Supervisor | Rs. 4100 per month |

Also the labourers shall be paid a minimum bonus which shall be 8.33% as per the payment of Bonus Act 1965 for the total wages paid (i.e) Payment of minimum wages and additional payment as mentioned above. The Contractor shall have to remit EPF contributions at the rates applicable under law to the authorities concerned for the total wages paid ( i.e) Payment of minimum wages and additional payment as mentioned above. At present the Tamil Nadu State Government Minimum wages declared is enclosed for your reference (Ref. Page No.09 of Qualification Bid). Normally the revision will be with effect from 1<sup>st</sup> April of every year. Tenderers are requested to quote their offer after taking into account of the above factor also.

## **REVERSE AUCTION**

**BHEL reserves the right to go for a Reverse Auction (RA)** instead of Opening the submitted sealed bid, which will be decided after technical evaluation. Information and general terms and conditions governing RA are given below.

### **GENERAL TERMS AND CONDITIONS OF RA**

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 (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.**

**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 on going tenders even if participated till the hold is officially lifted and confirmed in writing.



221-038

**BHARAT HEAVY ELECTRICALS LIMITED**  
 (A Government of India Undertaking )  
 Unit : TIRUVERUMBUR, BOILER PROJECT, P.O.  
 TIRUCHIRAPALLI - 620 014.  
**CIVIL ENGINEERING DEPARTMENT**

**NOTICE INVITING TENDER**

- 01. Name of work : Supply & installation of Interior arrangements like glass partition, access controlled door, wall panelling, sun control film, blinds and stainless steel hand rails for Admin Bldg.at PPPU,Thirumayam.
- 02. Estimated Cost : **Rs.500.38 Lakhs**
- 03. Earnest Money Deposit : **Rs.2,00,000/-**
- 04. Completion Time : **SIX ( 06 ) Months**  
( From the date of commencement of the work which will be reckoned from the date of the site, handed over to the Contractor )
- 05. Cost of Tender Document : **Rs.750/-** ( including Sales Tax )  
This amount will not be refunded under any circumstances
- 06. Last Date for Receipt of Tenders : **10.00 Hrs. on 12.08.2014**
- 07. Date of Qualification Bid Opening: **10.15 Hrs. on 12.08.2014**
- 08. Date of Price Bid opening : will be intimated to those who are qualified separately.
- 09. Maintenance Period : 6 (Six Months from the date of actual completion of the entire work and handed over to Bharat Heavy Electricals Limited)

Tender document contains **132** pages(plus 6 Pages of drawings) in Qualification Bid and 30 pages in Price Bid including Bill of Quantities,etc.

Issued to Messrs. / Thiru :.....  
.....  
.....  
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**ISSUING OFFICER**

## 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 to undertake and carryout the work tendered for or similar work satisfactorily

### NOTE :

- a) Copies of testimonials unless attested 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. **The rate quoted does not include Service Tax. The applicable Service Tax can be claimed from BHEL, along with their monthly bill for further payment to be made to the authorities concerned. While claiming monthly bill the contractor should produce copies of challans of previous Month / Quarter as proof of deposit of Service Tax along with a declaration that “The Service tax collected from BHEL has been remitted to Service Tax authorities”.**
6. Tender Value is only approximate and liable for variation without entitling the tenderer to any compensation, till the total value of contract vary by more than 20% (Twenty Percentage)
7. Quoted rate shall be firm throughout the contract period of 6 months and no cost escalation is allowed on any account including extended period if any.
8. The works contract to be entered in to with the contractor will be governed by the BHEL Revised General Conditions of contract in force.
9. Should a tender 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 Endeavour 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.

10. 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.
11. 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.
12. 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.
13. The contractor's responsibility under this shall commence from the date of receipt of the contract order of acceptance of his tender. The scheduled period of completion for this work will be as mentioned in page No. 01, and the Contractor will have to plan his work accordingly.
14. Generally, the maintenance period for any work under BHEL Organization will be Six(6) months .

**15. 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. EMD be furnished only in the form of Pay Order or Demand Draft in favour of BHEL, Trichy , 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. 10000/-
Works costing more than Rs.5 lakhs and up to Rs.10 lakhs	Rs. 20000/-
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.2.00 lakhs.

EMD by the Tenderer will be forfeited as per tender Documents if:

- i) After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates,
- ii) 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.

EMD given by all unsuccessful tenderers shall be refunded normally within fifteen days of acceptance of award of work by the successful tenderer.

EMD shall not carry any interest.

16. Should a tenderer or a contractor on the list of approved Contractors have a relative, or in the case of 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.
17. 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.
18. 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 recognize such power of attorney and changes after obtaining proper legal advice the cost of which will be chargeable to the contract concerned.
19. If the tenderer deliberately gives wrong information in his tender or creates conditions favorable for the acceptance of his tender, the Bharat heavy Electricals Limited, reserves the right to reject such tender at any stage.
20. Words importing the singular number shall also be deemed to include the plural number and vice versa where the context so requires.
21. The expenses for competing and stamping the agreement shall be paid by the contractor.
22. 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.
23. Tenderers shall not increase their quoted rates in case the Bharat Heavy Electricals Limited, negotiates for negotiation for reduction of rates. Such negotiation shall not amount to cancellation or withdrawal of the original offer and the rates originally quoted shall be binding on the tenderers for a period of three months from the date of opening of tenders.
24. 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
25. All contractors will have to produce Income tax Clearance Certificate from the Income Tax- Officer concerned 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. If the successful tenderer fails to produce the Income – tax clearance certificate within the stated period the Earnest Money Deposit and Security Deposit of the tenderer may be forfeited and the contract terminated.

## TENDER NOTICE

**NAME OF WORK :** Supply & installation of Interior arrangements like glass partition, access controlled door, wall panelling, sun control film, blinds and stainless steel hand rails for ADMN bldg. at PPPU/Thirumayam.

**ESTIMATED COST : Rs.500.38 Lakhs**

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 **DGM/CIVIL/PLANNING(BUILDING No.53)** Bharat Heavy Electricals Limited, Tiruchirappalli – 620 014. Up to 10.00 Hrs. on **12 08 2014** and will be opened on the same day at 10.15 Hrs. at the **Office of the DGM /CIVIL/ PLANNING (BUILDING No.53)** 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 **11 08 2014** on payment of the prescribed sum of Rs. **750 /** - per set ( including Sales Tax ) in the form of Demand Draft Amount nor refundable.
3. TENDERS must be submitted in sealed covers and should be addressed to the 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 the 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 attach 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 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.
7. QUANTITIES shown in the attached schedule are only approximate and are liable to variation without entitling the Contractors to any compensation, provided the total value of the Contract does not vary by more than 20% (twenty percent )
8. 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.
9. 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.

10. The rates quoted in the tender shall remain valid for a period THREE MONTHS from the date of opening of tenders.
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. 09 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	: 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 by 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.
1. 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.
  - 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.

14. 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.
15. If after opening of tenderer revokes his tender or increases his earlier quoted rates 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.
16. The Bharat Heavy Electricals Limited reserve 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.
17. 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.
18. Tenders not submitted on the prescribed form are liable to be rejected
19. The work must be completed within a period as mentioned in page no.01.
20. 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.
21. This tender notice shall be deemed to form an integral part of the contract to be entered into for this work.
22. 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.

**BHEL APPROVED BRANDS FOR THE FOLLOWING MATERIALS / ITEMS**

Sl.No.	Material	Manufacturing Co.	Brand
1.	Synthetic Enamel Paint	Asian Berger ICI	Apcolite Luxol Dulux gloss
2.	Aluminium Paint	Berger	Berger Aluminium
3.	Interior Emulsion	Asian Berger ICI	Royale Luxol Silk Supercote
4.	Exterior Emulsion	Asian ICI	ACE Supercote
5.	Distemper	Asian Berger ICI	Tractor Bison Maxilite

## SCHEDULE 'A'

### LIST OF WORKS AND PRICES

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)		Period of contract
		Rs.	Ps.	
1.	<b>Supply &amp; installation of Interior arrangements like glass partition, access controlled door, wall panelling, sun control film, blinds and stainless steel hand rails for Admin bldg. at PPPU/Thirumayam</b>	<b>5,00,38,000.00/-</b>		SIX MONTHS (6)

### 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 .....**7**...PAGES

FROM SERIAL No. **18** to **24**

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI – 620 014**

**BILL OF QUANTITIES**

**NAME OF WORK:** Supply & installation of Interior arrangements like glass partition, access controlled door, wall panelling, sun control film, blinds for Administrative building at PPPU/Thirumayam

Sl No	Qty	Description	Unit	Rate (in figures and words)	Amount
1	1200	Providing and fixing frameless toughened glass internal <b>full height</b> partitions for office interior cabins with 12 mm tempered glass as per drawing/requirements of the Engineer in charge with approved make of PT Standard fittings of DORMA or AUSTVISION with necessary support structure upto maximum size 2850 x 1250 mm or thereabout fixed with S.S screws or with fixing clips including necessary filling up gaps between glass, with required weather silicon sealant of grade 995 as per directions of Engineer-In-Charge. The glass shall be inserted in aluminium U channel at the bottom screwed to the floor and at top with MS inserts fixed at ceiling for better stability. Cost to include necessary cut outs in glass including cutting drilling and fixing in position. The scope also includes ,cutting of gyp board false ceiling and granite flooring wherever required for providing support from ceiling/ floor / insert angle to the partition , making good & finishing the cut portion of granite / false ceiling to match with the existing adjoining portion all as per the instruction of Engineer-In-charge.	Sqm		
2	170	Providing and fixing of frameless <b>toughened glass door assemblies for the above said partitions (under item No. 1 )</b> for internal cabins of maximum size 1000x2100 mm using 12 mm thick toughened clear glass and PT Standard fittings like bottom patch PT10, top patch PT20, corner lock US 20,GK 50 Top pivot PT 25, pull handle TGDI H 450x25mm and floor spring BTS 75V of Dorma or AUSTVISION make. Cost to include necessary cut outs in glass including cutting, drilling and fixing in position all complete as approved by the Engineer-In- charge. (WITHOUT ACCESS CONTROL)	Sqm		

SI No	Qty	Description	Unit	Rate (in figures and words)	Amount
3	15	Providing and fixing of frameless <b>toughened glass door assemblies in the above said partitions (under item No 1)</b> for internal cabins of size 1000x2100 mm using 12 mm thick toughened clear glass and PT Standard fittings like bottom patch PT10, top patch PT20 and floor spring BTS 75V of Dorma or AUSTVISION make. The doors to be provided with Studio Classic lock (Art No 10.201), set of levers (Art No 10.314) and strike box (Art No 10.220) confirming to DIN 18251, class 3 standards in Alu.Silver finish. The locks are to be provided with electronic XS cylinder for access control with outside card reader and inside knob of Dorma make or equivalent. The XS cylinder is to be complete with cylinder adapter, battery pack, access cards and also inbuilt system to synchronise with fire alarm system to deactivate the lock instantly in the event of fire. Cost to include necessary cut outs in glass including cutting drilling and fixing in position all complete as approved by the Engineer-In-charge.( WITH ACCES CONTROL). The access control equipment should give access for BHEL's biometric card issued with the following specification Item specification :Blank Mifare Smart Cards Technology: Mifare technology Operating frequency: 13.56 MHz Dimension: 86 X 54 mm. Memory capacity: 4 KB	Sqm		
4	150	Providing and fixing of free standing internal toughened glass <b>half height partition</b> using 10mm thick toughened glass of height 1.20m or nearby from floor level for entire running length of the glass using DORMA glass link (Art no: 1980073) or AUSTVISION with 50mm dia SS pipe along with necessary base and top with decorative SS balls at every 1.2m intervals with suitable anchoring including making necessary holes, cut outs for better stability cutting & making good the granite flooring wherever required and complete installation as per the instruction of the Engineer-In-charge.	Sqm		

SI No	Qty	Description	Unit	Rate (in figures and words)	Amount
5	12	Providing and fixing of openable frameless <b>toughened glass door assemblies</b> at required places in the half height partition of maximum size 1000x1200mm using 10 mm thick toughened clear glass and 2 Nos S1000 glass to wall hinge of Dorma or AUSTVISION make. The door shall be supported on either side by 100x100mm SS box section of 1.6mm thick fixed using suitable anchoring mechanism. The doors to be provided with Studio Classic lock (Art No10.201), set of levers (Art No 10.314) and strike box (Art No10.220) confirming to DIN 18251, class 3 standards in Alu.Silver finish and EPC. Cost to include necessary cut outs in glass including cutting drilling and fixing in position all complete as approved by the Engineer-In-charge. The SS box section shall be closed from the top using decorative SS balls of approved design.(WITHOUT ACCESS CONTROL)	Sqm		
6	1000	Providing and fixing 98mm thick Gypsteel Ultra™ stud <b>glass wool insulated partition</b> that consists one layer of tapered edge 13mm thick Gyproc® Duraline (conforming to BS 5234 –1992, Part 2) or Equivalent driven with drywall screws of 25mm at 300mm centres to either side of 70mm Gypsteel Ultra™ Acoustud (0.5mm thick having one flange of 41mm and another flange of 44mm made of GI Steel) placed at 600mm centre to centre in 72mm Gypsteel Ultra™ floor and ceiling channel (0.5mm thick having equal flanges of 32mm made of GI steel), which is anchored to the floor & true ceiling using suitable anchor fasteners or metal screws with PVC plugs. The boards are to be fixed to the framework with joints staggered to avoid leakage through joints. A Gypsteel fixing channel of 99mm width (0.9mm thick having two flanges of 9.5mm each) has to be provided at the horizontal joints of the two boards fixed to the studs using metal to metal flat head screws. Finally square and tapered edges of the boards are to be joined and finished so as to have a flush look which includes filling and finishing with Gyproc jointing compound, Gyproc Joint Paper tape and two coats of Drywall Top Coat (as per recommended practices of Saint- Gobain Gyproc India). 50mm glass wool slab of density 32Kg/m3 shall be placed in cavity.The contractor should cooperate with electrical contractor to make a cut out wherever required for fixing the electrical switch box in the partition& finishing.	Sqm		

SI No	Qty	Description	Unit	Rate (in figures and words)	Amount
7	350	Providing and fixing 98mm thick Gypsteel Ultra™ stud partition without glass wool insulation that consists one layer of tapered edge 13mm thick Gyproc® Duraline (conforming to BS 5234 –1992, Part 2) or Equivalent, all as under item 6 but without 50mm thick glass wool slab.	Sqm		
8	3500	Providing one coat of primer and two coats of emulsion paint of Asian Berger/ Nerolac /ICI Dulux of required shade as approved by Engineer in charge on both sides of the partition on the gypsum board. The rate shall include the POP Punning, Putty Work and application also. The work has to be executed as per commended practices of the manufacturer.	Sqm		
9	500	Providing and Fixing of 8mm thick country Plywood of approved make (Uniply, Kitply, or Century) on both sides of the partition on the gypsum board, stuck with suitable design 1 mm thick laminate as approved by Engineer in charge. All as per manufacturers recommended practices. (wooden finish)	Sqm		
10	1300	Providing, fabricating and fixing in position of <b>wall panelling</b> using 50mmx25mmx1.5mm size rectangular type aluminium sections to form the frame work vertically and horizontally at every 600mm c/c and to be grouted to the walls using GI cleats, metal fasteners etc., The frame work is to be finished with 12mm thick exterior grade medium density fibre board regular grade particle board of approved brand to have a seamless surface and finished with 1.0mm thick laminated sheet of approved brand and colour etc., complete as per directions of Engineer in charge to match one another.(including staircase sides)	Sqm		

SI No	Qty	Description	Unit	Rate (in figures and words)	Amount
11a	600	Providing, fabricating and fixing in position of column panelling using 50mmx25mmx1.5mm size rectangular type aluminium sections to form the frame work vertically at either end of the column facia and horizontally at every 400mm c/c and to be Grouted to the column rigidly using metal fasteners, L cleat etc over to the frame work finished with 4mm thick interior grade Aluminium Composite Panel of approved colour using 3M self - adhesive tapes, silicon sealant, etc., complete leaving necessary grooves. The rate should include cost of all materials, labour charges, etc., complete as per the directions of the Engineer in charge. )	Sqm		
11b	100	Providing, fabricating and fixing in position of column panelling using 50mmx25mmx1.5mm size rectangular type aluminium sections to form the frame work vertically at either end of the column facia and horizontally at every 400mm c/c and to be grouted to the column rigidly using metal fasteners, L cleat etc . The frame work to be fixed with 6 mm thick one way mirror_ Saint gobain make approved colour using 3M self - adhesive tapes, silicon sealant, etc., complete. The rate should include cost of all materials, labour charges, etc., complete as per the directions of the Engineer in charge. )	Sqm		
12	350	Providing and fixing in position of 100mm wide wooden cornice using first quality teakwood of size 5" x 1 1/2 " to form the cornice to the required design and to be grouted to the wall using Brass Screws. The cornice to be polished neatly and finished with one coat of melamine as per the directions of the Engineer in charge.	RM		
13		Supplying and fixing of 3M Scotchcal Frosted Crystal- 7725-324 DECORATIVE / PRIVACY FILM on glass (Stickers). The film shall be electronically/computer plotter cut and fixed on glass and other rigid clear substrates. (Partitions, doors, windows etc.) using translucent, cast PVC, self-adhesive vinyl. The film shall have special CRYSTAL-effect to reproduce Sand-blasting (or) acid-etching effect on glass with customised designs and carry manufacturer's warranty (SBA Group or equivalent) of minimum 3 yrs if exposed to direct sunlight and up to 15 yrs for indoor. All as per the directions of Engineer-In-Charge.			
	1000	For full height and half height partition	Sqm		

SI No	Qty	Description	Unit	Rate (in figures and words)	Amount
14	975	Supplying and fixing of 3M Scotchshield™ Sun control film-NV-15. The film shall be electronically/computer plotter cut and fixed on glass and other rigid clear substrates. (Partitions, doors, windows etc.) using translucent, cast PVC, self-adhesive vinyl. The film shall have special CRYSTAL-effect to reproduce Sand-blasting (or) acid-etching effect on glass with customised designs and carry manufacturer's warranty (SBA Group or equivalent) of minimum 3 yrs if exposed to direct sunlight and up to 15yrs for indoor. All as per the directions of Engineer-In-Charge.(exterior)	Sqm		
15	100	Providing Heavy Duty Nomad scrapper matting with Z-web design with raised edges for scraping dirt. Product should have no backing and suitable for traffic areas of up to 10 lakh people per year. (SBA Group or equivalent)	Sqm		
16	1250	Providing and fixing in position of Roller blinds made up of powder coated aluminium head rails with roller mechanism, nylon ropes with acetal ball system & end stopper. The roller blinds shall have good quality 100% polyester fabric weighing 350 gms/m <sup>2</sup> with 0.45 mm thick (approx) acrylic coating that is resistant to cracking and fraying. (Hunter Douglas/ Aerolux / Vista louver/Marvel ) All fabrics shall be scotch guarded at yarn level for dust repellent, antifungal and antibacterial result. The blind should be Conditionally cleanable with a damp cloth. The scope includes providing necessary MS/Al supports from rcc slab/ column (since the columns are spaced @6 m c/c )by cutting gypboard false ceiling/ ACP etc & making good the damages to match with existing.	Sqm		
17	7000	Providing one coat of emulsion paint of Asian Berger/ Nerolac /ICI Dulux of required shade as approved by Engineer in charge over the already painted gypsum board false ceiling / walls. The rate shall include the POP Punning, Putty Work and application also. The work has to be executed as per recommended practices of the manufacturer.	Sqm		

SI No	Qty	Description	Unit	Rate (in figures and words)	Amount
18	500	Supply and fixing of 100mm wide vertical blinds made up of fabric louvers treated with stain resistant coating, fixed to top channel of size 44x25x1mm thick extruded from 6063 TS aluminium alloy with clear anodised finish, all slats spacer of SS, bottom weight of polymer with sliding and tilting arrangements complete. (Hunter Douglas/ Aerolux / Vista louver/ Marvel )	Sqm		
19	200	Supplying and fixing of 50 mm dia X 1.5 mm thick , 304 Grade , SS tube for hand rails . The rails shall be supported by a bend or bracket of 25 mm dia X 1.5 mm thick, SS pipe of 304 grade, at 1 m intervals approximately , covering with SS base cup at every support including TIG welding , grinding , polishing, etc., complete. The scope of work includes drilling of holes in the granite wall dadoing, without damaging the adjoining portion for inserting bend or bracket and plugging the holes with lock-fix paste and finishing smoothly. The quoted rate shall include the cost of labour , material , conveyance ,TIG welding , grinding , polishing, taxes , duties etc.,	RM		
			<b>TOTAL</b>		

**RUPEES ----- ONLY**

**Note : 1. The Quoted rate for each item of work shall include all taxes including VAT but shall not include applicable Service Tax .The service tax will be paid extra against contractor's claim for further payment to the authorities concerned as indicated in clause 13 of Preamble, Page No.2.**

**2. The Contractor may have to make cutting in the existing false ceiling / glass / granite floor etc., wherever required to fix the partitions and other works. It is the responsibility of the contractor to make good all the damages / cuttings made by him to match with the existing adjoining portion.**

CONTRACTOR

ACCEPTING OFFICER

## SCHEDULE 'B'

1. The following materials will be issued FREE of cost to contractor at BHEL Stores / Stock yard.

SI.No.	DESCRIPTION	PLACE OF ISSUE
1	Cement	BHEL STORES AT PPPU
2	M.S Rounds, C.T.D Bars & Structural Steel,	BHEL STORES AT PPPU

2. It will be the responsibility of the Contractor to submit his demands for the above stores in writing at least seven days in advance of the actual requirement.
3. Issue of Stores is subject of the availability at the place of issue cited above, items of stores to be issued by BHEL which are not available at the time of indenting by the contractor may be supplied by BHEL after necessary procurement. The contractor shall not be entitled to any claim of compensation for delay in the supply of stores by BHEL under any circumstances.
4. The materials will be issued only during the working hours of the BHEL Stores Department ( 8.00 a.m. to 4.30 p.m. ). Contractor shall have to transport them as soon as they are issued to him to the site of work at his own cost.
5. The steel materials if issued will be in random lengths and sizes as stocked by the BHEL and the cost of all cutting, conversion, substitution and fabrication as well as wastage shall have to be borne by the Contractor.
6. The contractor shall from time to time render proper account of all materials issued to him by BHEL. If he fails to do so, no further issue of materials will be made to him and he will be held responsible for any delay in the execution of the work which may occur on this account.
7. Where A.C. Sheets and accessories, Doors, Windows, Sanitary fittings, Special glasses or other items are issued free of cost to the contractor, the contractor will have to make good at his own cost any loss or damage to any part or whole of the items issued to him as above. All wastage within the premises limits as fixed by BHEL will be charged for at the prescribed issued rates of BHEL. Excess wastage will be charged for at punitive rates which will be 100% higher than the issue rates.
8. All surplus materials in good condition which are not returned to the BHEL Stores as also quantities of materials consumed in excess of the max. permissible limit as fixed by BHEL shall be charged for at punitive rates.

The decision of the Senior Engineer / Dy. Manager / Manager as to the extent to which materials have been rendered surplus or consumed in excess of the actual requirements shall be final and conclusive and binding on the contractor.

## 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
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.....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
1	MS:RP:PPPU:Admin: GF/ R4	ADMIN BLDG GROUND FLOOR
2	MS:RP:PPPU:Admin: FF/ R5	ADMIN BLDG FIRST FLOOR
3	MS:RP:PPPU:Admin: 2F/ R6	ADMIN BLDG 2ND FLOOR
4	MS:RP:PPPU:Admin: 3F/ R6	ADMIN BLDG THIRD FLOOR
5	3-TP-CEG-01565	Sectional details showing the arrangement of safety bar, toughened glass and glass partitions in second and Third floor.
6	3-TP-CEG-01566	Sectional details showing the arrangement of safety bar, toughened glass and dry wall partitions in First floor.

## SCHEDULE 'E' LEAD STATEMENT

Sl.No.	Name of Material	Name of Source	Lead Particulars
1	Cement	BHEL Stores - PPPU	0-1 km
2	M.S Rounds, C.T.D Bars & Structural Steel	BHEL Stores - PPPU	0-1 km

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

## AUTHORITY TO TENDER

Tender Notice No. **CIVIL TN No. 001/2014-15**

Office of the  
DGM/ CIVIL / PLANNING /  
BUILDING No.53  
BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHY – 14.

Tender Schedule No. **CIVIL TS No. 001/2014-15**

Item rate tender for “**Supply & installation of Interior arrangements like glass partition, access controlled door, wall paneling, sun control film, blinds and stainless steel hand rails for Admin bldg. at PPPU/Thirumayam.**”.

**Messrs.** ..... are / is hereby authorized to tender for the above work. The Tender is to be delivered at the Office of the **DGM/CIVIL/PLANNING/BUILDING No.53** Bharat Heavy Electricals Limited Unit, Thiruverumbur, Tiruchirappalli – 620 014 super scribing the name of works 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**

CONTRACTOR

27

ACCEPTING OFFICER

Contract Agreement No.....

**TENDER**

To

The DGM/Civil / Planning / Building No.53  
Bharat Heavy Electricals Limited  
Unit : Tiruverumbur  
TIRUCHIRAPPALLI – 620 014.

I / We hereby offer to carry out the work of **“Supply & installation of Interior arrangements like glass partition, access controlled door, wall paneling, sun control film, blinds and stainless steel hand rails for Admin bldg. at PPPU/Thirumayam.”**.

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

1. Specifications (General & Particular )
2. Drawings
3. Schedule ‘A’, ‘B’, ‘C’, ‘D’ & ‘E’ and Bill of Quantities attached hereto.
4. ~~Schedule or rates~~
5. 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 & condition contained or referred therein and as detailed in Schedule ‘A’ and Bill of Quantities annexure thereto an 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 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' and Bill of quantities annexed thereto	Rs.
2.	Provisional sum	Rs.
	Total	..... Rs. .....

Rupees.....  
.....

Shri..... in  
the capacity of ..... has  
been duly authorized by me / use 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

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

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

..... 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 me )

The above tender is accepted by me on behalf of the Bharat Heavy Electricals Limited, Unit Thriuverumbur, Tiruchirappalli – 620 014. for a sum of Rs. ....

.....  
.....

..... at the item rates as indicated in the Bill of Quantities attached to Schedule 'A'.

Signature ..... Date.....

Designation .....