

Bharat Heavy Electricals Limited
High Pressure Boiler Plant
Tiruchirappalli – 620 014. India
Civil Engineering Department (Factory)

TENDER DOCUMENT (PRICE BID)

Name of work	:	Construction of ATP stores (24m X 24m X 8m high) in scrap yard – South of HPBP South gate at BHEL, Tiruchy
Value of work	:	Rs. 28.50 Lakh
Tender Notice No.	:	04 / 14-15
Tender Schedule No.	:	06 / 14-15
Period of Contract	:	6 Months
Issued to	:	

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

CIVIL ENGINEERING DEPARTMENT (FACTORY)

BHE: DGM: CP&D: F: 02/67:

04.06.2014

To

The Tenderer

Dear Sirs,

Sub: Construction of ATP stores (24m X 24m X 8m high) in scrap yard – south of HPBP South gate at BHEL, Tiruchy – reg.

Ref: 1. Tender Notice No. **04/ 14-15**
2. Tender Schedule No. **06 / 14-15**

Please find enclosed / attached non-transferable tender document containing I) Qualification bid consisting of Preamble, Specifications, General Conditions of Contract, Norms for Qualification and Qualification Proforma ii) Price bid consisting of Bill of Quantities to offer your most competitive rates for all the items of Bill of Quantities attached in the Price Bid.

Tender for the work should be submitted in a sealed cover consisting of three inner sealed covers such as I) EMD cover ii) Qualification bid cover & iii) Price bid cover, all superscribing the name of work, tender schedule number etc.

- 1) **EMD cover shall contain requisite EMD in the form of DD.** Tenderers who had already remitted one time EMD should furnish the details of cash receipt No. _____ dt. _____, on the top of EMD cover. **Tender without EMD / one time EMD reference will be summarily rejected** and the qualification bid & price bid shall not be considered.

In case of tender documents downloaded from website, tender shall accompany the tender cost of Rs.750/- in the form of Demand Draft (separate) in addition to the EMD amount in the form of Demand Draft.

All Demand Draft shall be drawn in favour of **BHEL, Trichy** payable at Tiruchirappalli.

- 2) Qualification bid cover shall contain duly filled in qualification bid document signed by the tenderer in all the pages with documentary evidences for pre-qualification such as experience, value of work executed in the similar nature of work, etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.

- 3) The Price Bid cover shall contain price bid document 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 from page No. 06 to 15 of Price Bid.**

The completed qualification bid and price bid along with requisite EMD of **Rs.60,000/-** for the work in the form of Demand Draft in favour of BHEL, Trichy shall reach the office of the undersigned on or before **30.06.2014 at 10.00 hrs.** Tenderers who had already remitted one time EMD should furnish the details of cash receipt No. _____ dt. _____, on the top of EMD cover. EMD in any other form will not be accepted. The qualification bid will be opened on the **same day at 10.15 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. Date and time of opening of the Price Bid shall be intimated only to the bidders those who have qualified after evaluation of the qualification bid. You / your authorized representative may participate in the tender opening with authorization letter.

Complete set of drawings as indicated in SCHEDULE D of Price Bid can be obtained from the undersigned on request and the same shall be signed and submitted along with the tender document.

The tenderers who is desirous of sending their tender documents by post or courier are advised to send the same well in advance so as to reach the Office of the DY GEN MANAGER / CIVIL / FACTORY (Plg. & Design), Bldg. No. 53 Ground Floor, BHEL, Tiruchy – 620 014, Tamilnadu on or before **30.06.2014** at 10.00 hrs.

The late tenders received after the tender submission / opening time will be summarily rejected and will not be considered for any reason.

Clarification if any, can be obtained contacting following phone No. 0431 – 2574529 / 2574650. Fax No. : 0431 – 2520333 Email ID: **kguna@bheltry.co.in**

Kindly acknowledge the receipt of the entire set of tender document.

Thanking you,

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

DGM / CIVIL / PLANNING & DESIGNS
BUILDING No. 53.



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: : Construction of ATP stores (24m X 24m
8m high) in scrap yard – south of HPBP
South gate at BHEL, Tiruchy
02. Estimated Cost : Rs. 28.50 Lakh
03. Earnest Money Deposit : Rs.60,000/-
04. Completion Time : SIX (6) Months
(From the date of commencement of the
work which will be reckoned from the date of
handing over to the Contractor)
05. Cost of Tender Document : **Rs.750/-**
(Rs. 825/- if required by post) including
Sales Tax in DD form This amount will not
be refunded under any circumstances.
06. Last Date for Receipt of
Tenders : **10.00 Hrs. on 30.06.2014**
07. Date of Tender Opening : **10.15 Hrs. on 30.06.2014**
08. Maintenance Period :6 (Six Months from the date of actual
completion of the entire work and
Handing over to Bharat Heavy
Electricals Limited)

Tender document contains totally **251** pages, Qualification Bid - **233** pages, Price Bid
- **18** pages including Bill of Quantities and **1** page as Drawing etc.

Issued to Messrs. / Thiru :

ISSUING OFFICER

CONTRACTOR

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ACCEPTING OFFICER

SCHEDULE 'A'

LIST OF WORKS AND PRICES

NAME OF WORK:

Construction of ATP stores (24m x 24m X 8m High) in scrap yard – south of HPBP South gate at BHEL, Tiruchy

DETAILS & QUANTITIES of each item of work shown in the BILL OF QUANTITIES are only approximate and the same is attached as a separate excel file. 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.	Construction of ATP stores (24m X24m X 8m High) in scrap yard – south of HPBP South gate at BHEL, Tiruchy	28,50,000/-		TWELVE (6) 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 10 PAGES in PRICE BID.

FROM Page No. **06 to 15.**

CONTRACTOR

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ACCEPTING OFFICER

NAME OF WORK: Construction of ATP stores (24m X 24m X 8m High) in scrap yard – south of HPBP South gate at BHEL, Tiruchy

Sl. No.	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
1	625	Clearing jungle including uprooting of rank vegetation, grass, brushwood, trees and saplings of girth upto 30 cm measured at a height of 1 metre above ground level and removal of rubbish upto a distance of 50 metre.		Sqm	
2	3	Hire charges for engaging earth moving machinery (pockline) to attend to channeling works at river bed, pipe line burst works, cleaning the areas including uprooting thorny plants/heavy jungles/trees etc. of all heights and leveling the areas thereafter including all debris etc., all as per instructions of Engineer-in-charge. Rate includes hire, fuel, operation charges, to and fro charges for machinery, all labour and all other incidentals etc., complete.		Hr	
3		Earthwork excavation (TRENCHES) in soils given below by mechanical means (Hydraulic excavator)/manual means and depositing the excavated earth at suitable places within the initial lead of 50 meter and initial lift of 1.5 meter for foundation in building works, roads, narrow drains, sewers, bridges, pipe lines etc., sectioning the subgrade to proper level and grade, watering and consolidating the subgrade to receive concrete bed, all as per standard specifications and instructions of Engineer-in-charge. Rate also includes bailing or pumping out water during excavation due to subsoil water, rain etc.			
a	23	All kinds of soils except rock		Cum	
b	52.	Ordinary rock		Cum	
c	37	Hard Rock(Requiring blasting)		Cum	
d	37	Hard Rock(Blasting Prohibited)		Cum	

CONTRACTOR

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ACCEPTING OFFICER

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
4	75	Earth work for surface excavation (not exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) in soils given below by mechanical means (Hydraulic excavator)/manual means including disposal of earth at suitable places within a lead upto 50 metres and lift upto 1.5 metre, sectioning the subgrade to proper level and grade. Disposed soil are to be leveled and neatly dressed. All kinds of soil except rock		Cum	
5	75	Earth work for open excavation (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) in soils given below by mechanical means (Hydraulic excavator)/manual means including disposal of earth at suitable places within a lead upto 50 metres and lift upto 1.5 metre, sectioning the subgrade to proper level and grade. Disposed soil are to be leveled and neatly dressed. All kinds of soil except rock		Cum	
6	25	Extra for every additional lift of 1.5 metre or part thereof in :All kinds of soil excluding rock		Cum	
7	25	Extra for every additional lift of 1.5 metre or part thereof in :Ordinary or hard rock		Cum	
8		Dismantling / removing / demolishing as the case may be of the following by manually/mechanical means and carefully stacking the serviceable materials at site of work or conveying and handing over the same at BHEL stores and disposal of unserviceable materials by transporting and dumping in the near by low level areas within a lead of 100 metres. All as per instructions of Engineer-in-charge.			
a	2	Plain Cement Concrete.		Cum	
b	2	Brick work in cement mortar.		Cum	
c	2	Stone rubble masonry in cement mortar.		Cum	
d	2	Steel structures / steel works in built up sections including bolts, nuts, cutting rivets, welding, dismembering, preparation of DODL etc.		MT	

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
e	10	G.I / Aluminium sheets from roofs and side cladding including ridges, valleys, gutters etc.		Sqm	
f	2	RCC Works including stacking of steel		Cum	
9	60	Supply and filling with river sand in foundation, plinth, under floor etc. including watering, ramming, consolidating and dressing complete.		Cum	
10	78	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift up to 1.5 m etc. complete.		Cum	
11	10	Refilling the column foundation pits with the stones generated from the site during excavation / dismantled concrete boulders for column pits in layers including carrying from site, packing the stones in position with sufficient spalls, so as to fill the voids completely including filling up the voids with the excavated earth, watering consolidating complying with standard specification.		Cum	
12	10	Refilling the column foundation pits with 150mm soling stone boulders in layers including supplying of soling, packing the stones in position with sufficient spalls, so as to fill the voids completely as possible and including filling up the voids (20% by volume of soling stones/boulders) with excavated earth, watering consolidating complying with standard specification. All as per the instructions of Engineer in Charge.		Cum	
13	5	Supply and Mixing Sand and Gravel thoroughly to the required proportion and carrying the same and filling it in the excavated pits/areas at various locations with all leads and lifts.		Cum	
14	5	Providing and laying in position plain cement concrete of specified grade including consolidation, curing etc. complete, all as per standard specifications. All works upto plinth level. Rate excludes cost of centring and shuttering. 1:2:4 with graded stone aggregate 20 mm nominal size.		Cum	

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
15	67	Providing and laying in position plain cement concrete of specified grade including consolidation, curing etc. complete, all as per standard specifications. All works upto plinth level. Rate excludes cost of centring and shuttering. 1:4:8 with graded stone aggregate 20 mm nominal size		Cum	
16	45	Damp proof course with cement mortar 1:3, 20 mm thick mixed with an admixture of crude oil at 5 % by weight of cement, all labour etc. complete as per standard specifications.		Sqm	
17	21	Providing and laying in position machine batched, machine mixed and machine vibrated design mix of reinforced cement concrete of specified grade for structural elements using 10 to 20 mm hard broken granite stone jelly, excluding cost of centring, shuttering, finishing and reinforcement but including admixtures in recommended proportions (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, all as per directions of Engineer-in-charge. M-20 Grade reinforced cement concrete. All work upto Plinth level.		Cum	
18	1	Providing and laying in position machine batched, machine mixed and machine vibrated design mix of reinforced cement concrete of specified grade for structural elements using 10 to 20 mm hard broken granite stone jelly, excluding cost of centring, shuttering, finishing and reinforcement but including admixtures in recommended proportions (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, all as per directions of Engineer-in-charge. M-20 Grade reinforced cement concrete. All work above Plinth level and upto floor five level.		Cum	
19	3	Straightening, cutting, bending, placing in position of MS/CTD bars and binding with MS binding wires of 18/20 gauge etc. for reinforcement of RCC works at all heights. Rate includes cover blocks, cost of binding wire, conveyance of MS/CTD bars from BHEL stores to site of work, labour etc. complete. MS/CTD bars will be supplied by BHEL at Stores at free of cost.		MT	

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
20	1	Flooring with reinforced cement concrete of mix 1:2:4 using 20 mm and down graded hard broken granite stone jelly for thickness varying from 100 to 500 mm laid in panels not exceeding 6 x 30 m between expansion joints, including necessary vibration using needle / board / screed vibrators, all as required including necessary shuttering, painting the sides with bitumen, but excluding fabrication charges for reinforcement, all as per standard specifications.		Cum	
21		Centring and shuttering including strutting, propping, assembling etc. and removal of form work in			
a	107	Foundations, footings, Plinth beams, bases of columns (Pedestal), equipment foundations, precast slabs, kerbs etc.		Sqm	
b	5	Pockets or holes in foundations for holding down bolts.		Sqm	
22	22	Brick work with F.P.S bricks (second class ground moulded chamber bricks) of class designation 50/75 in cement mortar 1:5. in Super structure above plinth and at all heights.		Cum	
23	26	Random rubble masonry in foundation and basement in cement mortar 1:5 including simultaneous flush pointing, all as per standard specifications.		Cum	
24	500	Providing holding down bolts of required sizes with nuts, washers etc. and fixing in proper level, line, alignment etc., all as per drawings and instructions of Engineer-in-charge. Rate includes cost of steel materials, bolts, nuts, washers, fabrication and machining charges, fixing, all labour etc. complete. Bolts including nuts & washers etc.complete in all sizes & lengths.		Kg	

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
25	20	Supply & fixing rolling shutters of approved make, made of 80 x 1.25mm of M.S laths interlocked together through their entire length & joined together at 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 etc., complete including cost of providing and fixing necessary 27.5 cm long wire springs grade No.2 and M.S top cover of 1.25mm thick for rolling shutter of area 10 Sq.m. to 16.80 Sq.m. (Gear operated type with gear box, crank, handle and ball bearings).		Sqm	
26	625	Floor finish with 40 mm thick granolithick flooring over the concrete base while it is wet for proper bonding, the bottom 25 mm thick consisting of one part of cement and one part of 6 mm gauge hard broken granite stone chips (the proportion being by volume) and the top 15 mm finished with hardening compound of proportion one part of hardonate (ironite or equivalent) four parts of cement and eight parts of 6 mm gauge blue granite stone chips (the proportion being by weight) including finishing and painting the sides with bitumen etc., complete, all as per standard specifications.		Sqm	
27	220	Plastering with cement mortar 1:5 , 12mm thick at all levels as per standard specifications.		Sqm	
28	112	White washing on surfaces using best Janathacem or equivalent matrial to give an even shade including cleaning, brushing of walls and preparing surfaces in accordance with standard specifications at all heights. Rate includes cost of all materials, labour etc., complete. Three or more coats		Sqm	
29	112	Applying one coat of cement primer of approved brand and manufacturer on wall surfaces at all heights.		Sqm	
30	112	Painting with exterior emulsion paint (ACE or any other equivalent and approved brand) of two coats of approved shade on surfaces to give an even shade including preparing the surfaces, removal of dirt, thorough cleaning by watering etc., all as per standard specifications. Rate includes cost of necessary plaster of paris and putty wherever required, labour and all incidentals etc.complete.		Sqm	

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
31	50	Conveyance of earth, sand, gravel, rough stone, broken stone, brick bats (debris) etc. by contractor's own lorry including loading, leading, unloading, stacking or spreading, all as per instructions of Engineer-in-charge. Payment for conveyance of earth will be made based on pit measurement and for other items based on stack measurements. Beyond 1 Km but upto 2 Km.		Cum	
32	10	Conveyance of earth, sand, gravel, rough stone, broken stone, brick bats (debris) etc. by contractor's own lorry including loading, leading, unloading, stacking or spreading, all as per instructions of Engineer-in-charge. Payment for conveyance of earth will be made based on pit measurement and for other items based on stack measurements. Beyond 2 Km but upto 3 Km.		Cum	
33	5.50	Supplying the raw structural steel tubes as per IS 1239 to the contractor's site fabrication shop, fabrication of steel work using steel tubes with necessary plates etc including all materials going into the process of fabrication and forming an integral part of the steel work together with all shop welding including low hydrogen electrode wherever necessary all as per drawings and standard specifications. Rate includes delivery of fabricated steel work at erection site ready for erection, including preparation and supply of drawing office despatch list for BHEL's approval in compact disk with two copies of printout, all charges for packing (wherever called for) handling, conveying, stacking and all other incidental charges both for raw materials and fabricated steel works. Rate includes raw structural steel sections which will be supplied by BHEL at stores at free of cost. Rate shall include cost of providing one coat of red oxide primer to relevant IS specification over structural steel works including preparing the surfaces by thoroughly cleaning oil, grease, dirt and other foreign matters and scoured with wire brushes, fine steel wool scrapers and sand paper, all as per standard specifications.		MT	

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
34	22.50	Collection from BHEL stores and transporting the raw structural steel sections to the contractor's site fabrication shop, fabrication of steel work including all materials going into the process of fabrication and forming an integral part of the steel work together with all shop welding including using low hydrogen electrode wherever necessary, all as per drawings and standard specifications. Rate includes delivery of fabricated steel work at erection site ready for erection, including preparation and supply of drawing office despatch list for BHEL's approval in compact disk with two copies of printout, all charges for packing (wherever called for) handling, conveying, stacking and all other incidental charges both for raw materials and fabricated steel works. Rate excludes raw structural steel sections which will be supplied by BHEL at stores at free of cost. Rate shall include cost of providing one coat of red oxide primer to relevant IS specification over structural steel works including preparing the surfaces by thoroughly cleaning oil, grease, dirt and other foreign matters and scoured with wire brushes, fine steel wool scrapers and sand paper, all as per standard specifications.		MT	
35	28	Carrying from stacks at erection site to erection positions and erection of fabricated steel work including all handling, conveying, assembling, hoisting, erecting in position and site welding and or bolting, alignment of structures, all as per drawings and standard specifications. Rate includes bolts & nuts, hire for welding tools and plants, labour etc., but excluding cost of fabricated components. If required, power will be given free of cost by BHEL. Weight of fasteners will not be accounted for payment.		MT	
36	28	Painting (excluding priming coat) on structural steel works in roof structures, columns etc.with synthetic enamel paint of approved brand and shade, brushing to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matters, scaffolding charges etc.complete. All as per standard specifications. Two coats		MT	

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
37	600	Supplying at site of work , hoisting and fixing in position of 0.47 to 0.50mm thick colour coated Aluminium zinc alloy coated high tensile steel rib profile sheets with accessories such as ridge pieces, barge boards, North light curves, end curves, etc., as per technical specifications given in note below for roofing at all heights up to (+) 24.00 metres with necessary xylon coated self tapping / self drilling screws with EPDM washers at every ribs, etc., complete .All as per drawings, manufacturers specifications and instructions of Engineer-in-charge .Rate includes cost of all materials like colour coated Aluminium zinc alloy coated high tensile steel rib profile sheets with accessories such as ridge pieces, barge boards, curves, etc., wherever required self tapping / self drilling screws with EPDM washers at every ribs etc., and labour charges for fixing, hire charges for tools and plants like drilling machines, providing lifeline and other provisions for safety, and all other incidental charges etc., complete. The payment will be made for the actual laid area only.		Sqm	
38	910	Supplying at site of work , hoisting and fixing in position of 0.47 to 0.50mm thick colour coated Aluminium zinc alloy coated high tensile steel rib profile sheets with accessories such as ridge pieces, barge boards, curves, etc., as per technical specifications given in note below for side sheeting at all heights up to (+) 24.00 metres with necessary xylon coated self tapping / self drilling screws with EPDM washers at every valleys etc., complete .All as per drawings, manufacturers specifications and instructions of Engineer-in-charge .Rate includes cost of all materials like colour coated Aluminium zinc alloy coated high tensile steel rib profile sheets with accessories such as ridge pieces, barge boards, curves, self tapping / self drilling screws with EPDM washers at every valleys etc., and labour charges for fixing, hire charges for tools and plants like drilling machines, providing lifeline and other provisions for safety, and all other incidental charges etc., complete. The payment will be made for the actual laid area only.		Sqm	

Sl. No	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
39	35	Supplying at site of work, hoisting and fixing in position of 2mm thick embossed clear poly carbonate roof light sheets in specified locations and at heights up to (+) 24.00 meters with necessary xylon coated self tapping / self drilling screws with EPDM washers at every ribs, etc., complete to match the profile of Aluminium zinc alloy coated high tensile steel roof sheets, as per instructions of Engineer-in-charge. The rate includes cost of poly carbonate sheets ,self tapping / self drilling screws with EPDM washer, at every ribs, and labour charges, all scaffolding charges, tools and plants and all other incidental charges etc., complete .		Sqm	
40	0.50	Grouting the H.D bolts, underneath the base plates etc., after alignment with wet cement grout (1:1), all as per standard specifications. Rate includes cleaning the sleeves/pockets, tools and plants etc., complete except cement which will be supplied by BHEL at stores at free of cost..		Cum	
41	0.50	Grouting the H.D bolts, underneath the base plates etc., after alignment with non-shrink high strength cementitious grout of such as Cera Grout 20/40 or Pidigrout 5M/10M or Flogrout 40/60 or Conbextra GP1/GP2 or any other equivalent grout, all as per instructions of Engineer in charge and as per standard specifications. Rate includes cost of non-shrink grout, cleaning the sleeves/pockets, tools, labour etc., complete.		Cum	
				Total	_____
				Service Tax @	----- _____
				Grand Total	_____
Rupees					in Words

SCHEDULE 'B'

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

Sl.No.	DESCRIPTION	PLACE OF ISSUE
1	Cement	BHEL STORES or Stock yard
2	M.S Rounds, C.T.D Bars & Structural Steel, rails and all railway materials	BHEL STORES or Stock yard

2. It will be the responsibility of the Contractor to submit his demands for the above stores in writing atleast 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 to the site of work at his own cost as soon as they are issued to him.
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.
- c.

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	1-TP-CEG-01470	GA AND FOUNDATION DETAILS OF ATP STORES SHED

The above drawing is enclosed in the Price Bid.

SCHEDULE 'E'

LEAD STATEMENT

Sl.No.	Name of Material	Name of Source	Lead Particulars both for Factory and Township
1	Cement	BHEL Stores	2 Kilometre
2	M.S Rounds, C.T.D Bars & Structural Steel, rails and all railway materials	BHEL Stores	2 Kilometre