



**Bharat Heavy Electricals Limited
Boiler Auxiliaries Plant**

Ranipet - 632 406
Tamil Nadu, India

CIVIL PROJECTS & SERVICES

Phone: 04172- 284087/284694/284995 Tele Fax : 04172 -242026

Email : vraj@bhelrpt.co.in



BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
BOILER AUXILIARIES PLANT, RANIPET – 632 406
CIVIL PROJECTS & SERVICES DEPARTMENT

TENDER NOTICE NO: BAP: CF: 58 / 2010 - 11 Dated 09.02.2011

Sealed tenders are invited from the registered vendors of BHEL/BAP Ranipet for the following work:

Sl No	Name of Work	Estimated Cost (Rs.in lakhs)	Earnest money deposit Rs. P	Period of Completion
01	Replacing of GI & AC Roofing sheets in Civil office & Stores and other Improvement works to Civil Factory	20.42	60,000/-	4 Months

Tender documents can be freely downloaded in BHEL Web site.
http://www.bhel.com/tender/list_tender.php

Corrigendum if any will be published in BHEL Web site only.

BHEL will not be responsible for any loss/delay of documents sent by post.

BHEL reserves the right to accept/reject any/all the tenders without assigning any reason.

Tenders duly filled in will be received upto 03.00 PM on 28.02.2011 and opened on the same day at 03.00 PM in the presence of tenderers, who choose to be present.

The EMD shall be collected only in cash (as permissible under Income Tax Act), Pay order or Demand Draft only drawn in favour of BHEL,BAP,Ranipet – 6 Payable at Ranipet- 632 406,Tamil Nadu.

Please visit our BHEL Web site for tender updates
http://www.bhel.com/tender/list_tender.php

Place: Ranipet – 6

Date : February 09, 2011

Phone Nos: 04172 – 242026, 284995 & 284087.

Email: vraj@bhelrpt.co.in

Cell No:9442201066

Telefax: 04172 - 242026

Manager (Civil Projects & Services)



Bharat Heavy Electricals Limited
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1. Eligibility criteria:

The tender is uploaded in our BHEL WEB site as per CVC guide lines vide Office Order No. 10/02/04.

Only those vendors who have already enlisted with BHEL, Ranipet through enlistment procedure is allowed to participate in this tender.

Interested Vendors may contact with their credentials to AGM (Civil Factory & Township) BHEL, BAP Ranipet – 632 406 for due enlistment for future such tenders.

Enlistment Application forms can be obtained from office of the Additional Deputy General Manager / Civil Factory & Township or can be downloaded from BHEL WEB page.

http://www.bhel.com/tender/view_tender.php?tenderid=8353

Enlistments Applications are invited in sealed cover for **Registration of Contractors for Civil works in Factory & Township and Electrical works in Township.**

AGM (Civil Factory & Township)

Bharat Heavy Electricals Limited

Boiler Auxiliaries Plant

Ranipet – 632 406 Tamil Nadu

E-mail: ccdurai@bhelrpt.co.in

MobileNo.9443389051

Ph:04172-284694



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Phone: 04172- 284087/284694/284995 Tele Fax : 04172 -242026

Email : vraj@bhelrpt.co.in

BAP: CP&S:16 /

February 9, 2011

To

Dear Sir(s),

Tender Notice No : 58 / 2010 - 2011 / Dt 09.02.2011

SI No	Name of Work	Date of Opening	Estimated Cost (Rs.in lakhs)	EMD amount Rs. P	Period of Completion
01	Replacing of GI & AC Roofing sheets in Civil office & Stores and other Improvement works to Civil Factory	28.02.2011	20.42	60,000/-	4 Months

We herewith enclose tender document for the following work. You are required to submit most competitive offer in a sealed cover so as to reach the office of Addl General Manager (Civil Factory & Township) before 15.00 Hrs. **The tender shall be opened at 15.00 Hrs. on the same day.**

THE SUCCESSFUL TENDERER IS REQUIRED TO START THE WORK IMMEDIATELY AND COMPLETE THE WORK WITHIN THE STIPULATED TIME. UNDER ANY CIRCUMSTANCES NO EXTENSION OF TIME WILL BE GRANTED. ANY DELAY BEYOND THE DUE DATE OF COMPLETION WILL BE SUBJECTED TO LIQUIDATED DAMAGES.

- **The successful tenderer has to remit Security Deposit as mentioned in the Page -2.**

- The tenderer may visit the site and assess location before quoting the rates.

- No deviations to the tender conditions will normally be accepted.

Thanking you,

Yours faithfully,
For and on behalf of BHEL,

(V.RAJENDRAN)
Manager (Civil Project & Services)

Copy to :

- (i) Manager / Finance (works) : with a request to depute your officials for tender opening.
- (ii) Tender file (ie, CON. File)
- (iii) File No 16
- (iv) Agencies as per the annexure

Encl.: Tender Document

(Contd.....2)



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Earnest Money Deposit : (Clause 8.1)

- (i) The Earnest Money Deposit for the above work is given in the above column and will be accepted as CASH (at BHEL Cash Office, Ranipet – 6) (as permissible under Income tax Act) or PAY ORDER or DEMAND DRAFT drawn in favour of, BHEL / RANIPET – 6 payable at SBI / BHEL Project, Mukundarapuram (Bank Code No : 7013).
- (ii) The EMD will be refunded to unsuccessful tenderers within 15 days of acceptance of award of work by the successful tenderer. **The same will be refunded thro Electronic Fund Transfer only.** Other modes of refund like Demand draft, Cheque, Pay order etc., will not be made.
- (iii) For successful Tender, the EMD shall be converted / adjusted against the Security Deposit.
- (iv) The EMD shall not carry any interest
- (v) Without EMD, your tender will not be considered

Security Deposit : (Clause 8.2)

- (i) The rate of security deposit will be as below (w.r.t. Total contract value):
- Up to Rs 10 lakhs : **10%**
 - Above Rs 10 Lakhs Up to Rs 50 lakhs : **Rs 1 Lakh + 7.50% of the amount exceeding Rs 10 Lakhs**
 - Above Rs 50 Lakhs : **Rs 4 lakhs + 5.00% of the amount exceeding Rs 50 Lakhs**
- (ii) 50% of SD should be deposited before start of the work. Balance SD will be recovered at the rate of 10% from running bills. Anyhow the contract value not exceeding Rs 10 Lakhs can be started before SD is collected, provided the payment can be released only after collection / recovery of initial 50% SD.
- (iii) The SD shall not carry any interest.
- (iv) SD may be furnished in any one of the following forms :
- Cash (as permissible under Income tax Act)
 - Pay order or Demand draft drawn in favour of, BHEL / RANIPET – 6 payable at SBI / BHEL Project, Mukundarapuram (Bank Code No : 7013).
 - Local cheques of scheduled banks, subject to realization.
 - 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)
 - Bank guarantee from scheduled banks / Public financial institutions as defined in the Companies act. The Bank guarantee format should have the approval of BHEL.
 - 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.
- (v) Refund of SD : 50% of SD may be refunded to the contractor in respect of all contract on satisfactory completion of work and after payment of final bill and the balance 50% on expiry of the maintenance period, provided that the contractor shall have rendered a “ No Demand” certificate. In case of work where maintenance period is not involved 100% of the SD may be refunded after payment or final bill provided that the contractor shall have rendered a “ No Demand” certificate.

(Contd.....3)



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Electronic Fund Transfer (EFT Form) : (as per CVC guide lines)

- The enclosed EFT form should be duly filled and submitted along with tender documents. Without EFT form your tender will not be considered and will be rejected.
- **Suppose if you already submitted the EFT form to BHEL(Ranipet) this may be ignored. If there any change in the Bank Account No and / or any change in the banks and / or branches you have to submit a fresh EFT stating the new changes.**

Advance payment :

- No advance payment shall be paid to the contractor.
- **For payment, M Book system shall be adopted as per the norms of the company**

General :

- The envelop / cover containing duly filled in tender documents along with necessary enclosures should neatly be indicated the following :
 - a. Name of work : To be mentioned in the left hand side top corner of the envelop in first line.
 - b. Tender Notice No : To be mentioned in the left hand top corner of the envelop in second line.
 - c. To be addressed to : **Sri V.Rajendran, -** To be mentioned in the right side
Manager, middle or bottom of the envelop
Civil Projects & Services,
BHEL / BAP / Ranipet – 632 406.
Vellore Dist., / Tamil Nadu.
 - d. From / self address : To be mentioned in the left hand side bottom corner of the envelop.

Special Note:

Rates for each item of the tender schedule should be quoted in Rupees and Paise only. In case of any difference in the rate quoted in figures and in words the lower of the two rates will be taken as the tendered rate. Further following rules are applicable if there is any discrepancy between rate and amount.

- a. In the even of an error occurring in the amount column of schedule of items as a result of wrong extension of the unit rate and quality. The unit rate shall be regarded as firm and extension shall be amended on the basis of the rate.
- b. All errors in totalling in the amount column and in carrying forward totals shall be corrected.
- c. The totals of various sections of schedule of items amended shall be carried over to the General Summary and the tendered sum amended accordingly. The tendered sum so altered shall, for the purpose of tender. Be substituted for the sum originally tendered and considered for acceptance instead of the original sum quoted by the tender. Any rounding off of quantities or in sections of schedule of items or in General Summary, by the tender, shall be ignored.

Encl : (i) Bill of Quantities (ii) Special conditions of contract



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/RB/10/58

NAME OF WORK : REPLACING OF G.I & AC ROOFING SHEETS IN CIVIL OFFICE & STORES AND OTHER IMPROVEMENT WORKS TO CIVIL FACTORY YARD.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
15.18	01	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50metres lead.	11000.000	kg	0.85	9350.00
15.2	02	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
15.2.2	02A	1:4:8 or leaner mix	3.000	cum	226.90	680.70
15.7	03	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
15.7.4	03A	In cement mortar	60.000	cum	310.75	18645.00
2.1	04	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed :				
2.1.1	04A	All kinds of soil	30.000	sqm	20.74	622.20
2.8	05	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
2.8.1	05A	All kinds of soil.	50.000	cum	103.40	5170.00
2.27	06	Supplying and filling in plinth with Jamuna sand under floors	35.000	cum	301.50	10552.50

CONTRACTOR/ TENDERER

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[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		including, watering, ramming consolidating and dressing complete.						
4.1	07	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :						
4.1.8	07A	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	49.000	cum	1569.25		76893.25	
4.1.3	07B	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	3.000	cum	1601.45		4804.35	
7.1	08	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) at plinth level with :						
7.1.1	08A	Cement mortar 1:6 (1 cement : 6 coarse sand)	60.000	cum	1411.96		84717.75	
4.11	09	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	150.000	sqm	95.25		14287.50	
DATA 6.1.2	10	Brick work with F.P.S.bricks of class designation 50 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand).	14.000	CUM	1683.56		23569.84	
DATA 6.4.2	11	Brick work F.P.S.bricks of class designation 50 in superstructure above plinth level upto floor V level in all shapes and sizes in: Cement mortar 1:6 (1 cement mortar : 6 coarse sand).	60.000	CUM	1992.06		119523.60	
5.9	12	Centering and shuttering including strutting, propping etc. and removal of form for :			0.00		.00	
5.9.5	12A	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	26.000	sqm	162.65		4228.90	
5.9.1	12B	Foundations, footings, bases of columns, etc. for mass concrete.	115.000	sqm	119.25		13713.75	

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					RS	P	RS	P
5.9.3	12C	Suspended floors, roofs, landings, balconies and access platform.	1.000	sqm	187.35		187.35	
5.9.6	12D	Columns, Pillars, Piers, Abutments, Posts and Struts.	5.000	sqm	238.40		1192.00	
5.22	13	STEEL REINFORCEMENT Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.						
5.22.3	13A	Cold twisted bars	7000.000	kilo	6.19		43330.00	
CF12/07-08	14	Supplying and laying of 0.8 mm thick Deck slab from work arrangements for roofs in all height. Rate inclusive of all materials, labour and conveyance etc, complete.	380.000	SQM	953.94		362497.20	
5.33	15	DESIGN MIX CONCRETE Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement. including Admixtures in recommended proportions as per IS 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. M-25 grade reinforced cement concrete by using 410kg. of cement per cum of concrete. All work up to floor V level.	85.000	cum	2025.65		172180.25	
2.25	16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	97.000	cum	45.70		4432.90	

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[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
1.1.2/4	17A	Coveyance of earth,sand,gravel etc by contractor's own lorry for loading, leading,unloading,stocking or spreading asper the instruction of Engineer in charge.From 0 to 1 KM.	45.000	CUM	49.42		2223.90	
1.1.2/5	17B	Coveyance of earth,sand,gravel etc by contractor's own lorry for loading, leading,unloading,stocking or spreading asper the instruction of Engineer in charge.From 0 to 2 KM.	50.000	CUM	56.41		2820.50	
13.1	18	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix :						
13.1.2	18A	1:6 (1 cement: 6 fine sand)	530.000	sqm	49.02		25980.60	
13.2	19	15 mm cement plaster on the rough side of single or half brick wall of mix :						
13.2.2	19A	1:6 (1 cement: 6 fine sand)	625.000	sqm	56.30		35185.94	
13.37	20	White washing with lime to give an even shade:						
13.37.1	20A	New work (three or more coats)	450.000	sqm	6.75		3037.50	
14.42	21	White washing with lime to give an even shade :						
14.42.2	21A	Old work (one or more coats)	75.000	sqm	2.55		191.25	
13.44	22	Finishing walls with water proofing cement paint of required shade :						
13.44.1	22A	New work (Two or more coats applied @ 3.84 kg/10 sqm).	450.000	sqm	30.80		13860.00	
13.42	23	Distemping with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete. as per manufacturer's specification.						
13.42.1	23A	Two or more coats on new work.	200.000	sqm	23.55		4710.00	
14.45	24	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :						
14.45.1	24A	Old work (one or more coats)	1200.000	sqm	14.90		17880.00	
14.66	25	Finishing walls with Acrylic Smooth exterior paint of required shade :						

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CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
14.66.1	25A	Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface).	350.000	sqm	36.30	12705.00
14.66.2	25B	Old work (One or more coat applied @ 0.90 ltr/10 sqm).	350.000	sqm	22.80	7980.00
13.61	26	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
13.61.1	26A	Two or more coats on new work	600.000	sqm	35.35	21210.00
11.4	27	52 mm thick cement concrete flooring with concrete hardener topping under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume .hardening compound is mixed @ 2 litre per 50kg of cement or as per manufacturers specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	210.000	sqm	167.01	35071.58
11.3	28	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete.				
11.3.1	28A	40mm thick with 20mm nominal size stone aggregate.	145.000	sqm	104.98	15221.38
10.1	29	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	15300.000	kg	6.50	99450.00
10.2	30	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of	3000.000	kg	9.41	28230.00

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[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		approved steel primer all complete:						
10.11	31	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators side /top /centre hung with beading and all members such as K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted with 15x3mm lugs, 10cm long, embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of hinges, pivots, float glass panes with glazing clips and special metal sash putty of approved make and a priming coat of approved steel primer excluding the cost of other fittings except necessary hinges or pivots complete as per approved design (Sectional weight of only steel members shall be measured for payment without weight of glass & other fittings.	225.000	kg	178.23		40101.13	
CF07/10-11	32A	Supply of Roof & Wall Cladding Colorbond Trapezoidal TRIMDEK or equivalent profile sheet of 1000 mm +_ 10 effective cover width & nominal 30+_2 mm deep ribs with subtle square fluting in the five plan at nominal 250+_ 2 mm centre - to- centre. The end rib will be designed for anti-capillary action ,to avoid any seepage of water through the lateral overlap .The feed material is manufactured out of nominal 0.5mm total coated thickness (TCT) and Base Metal Thickness will be 0.45 mm (BMT), Hi-tensile steel with in min 550Mpa yield	390.000	SQM	442.71		172656.90	

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[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		strength, metallic hot dip coated with aluminium -zinc alloy (55% aluminium, 45% zinc) as per AS 1397-incalume AZ 150 (Min150 gms/sq.mt total on both sides) with polyester Colorbond XRW quality quality paint .The paint will have a total coating thickness of nominal 35micrometer ,comprising of nominal 20micro metre exterior coat on top surface & nominal 5 micro metre reverse coat onback surface over nominal 5 micro metre primer coat on both surfaces of approved colour shade by concern authority. The sheet will have brand marking of the maunfacturer giving product details on the back of the sheet at every 1 meter c/c for conforming genuity of the material. Coil test certificate to be produced . The measurement shall be based on actual laid area.						
CF07/10-11	32B	Labour charges for carrying from stores and fixing of Zinalume sheets in roof & side cladding areas and fixing should be done as per standard procedure formulated by the manufacture. The rate shall be included cost of fixing arragement, all labour charges , incidental charges ,screws blots & nuts,fasteners etc.loading, leading, placing & fixing in position ,scaffolding charges, hire and running charges for tools and plants.The measurement shall be based on actual laid area.	390.000	SQM	145.21		56631.90	
CF07/10-11	33	Supply of colour coated (Blue) (at factory roll-formed/ plain sheet) flashing sheet of required width and length not less than 2.5 M to withstand 75kg/sqm live load and 150kg/sqm wind load.The base metal thickness (BMT) should be 0.45 and TCT should be 0.5mm of high strength						

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CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		steel with min 550 MPa yield strength ,metallic hot dip coated with aluminium-zinc alloy Zincolume AZ 150 (Min. 150gms/sq.mt total on both sides) with polyester paint coat 5 micron coat on both surfaces and 20 micron exterior coat on top surfaces and 5 micron reverse coat. The steel manufactureres test certificate for chemical and mechanical properties of steel must be submitted for approval prioir to installation.The sheet shall have brand marking of the manufacturer giving product details on the back of the sheet at every 1meter c/c for confirming genuinity of the material. The fixing arrangement should have enough strength to take the loads indicated earlier in the specification for CPWD 2007 sheets. Supply of galvalume 0.50 mm thick colour coated (TATA Blue plain flashing,barge board etc. flashing may be bent to suit the existing site conditions.						
CF07/10-11	33A	Ridge flashing width 900mm	15.000	RM	354.17		5312.55	
CF07/10-11	33B	Corner flashing (width 450mm)	15.000	RM	354.17		5312.55	
CF07/10-11	34	"Providing & fixing UV stabilished fiberglass (Translucent) reinforced plastic sheet roofing up to any pitch including fixing in position .They shall be uniform pigmentation and pockets and shall conform to IS 10192 and IS 12866. The sheets shall be translucent,textured or smoothg as specified. And should be fixed additionally with beadmastic tape of approved quality with the adjoining Zincolume sheets to avoid any leakage.The measurement shall be based on actual laid 1.5 mm thick matching profile as specified.(Note 5% of Roof area to be provided). (The profile shall match with roofing sheet) "	10.000	SQM	1186.46		11864.60	

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

ESTIMATE

ESTIMATE REF NO : CF/RB/10/58

NAME OF WORK : REPLACING OF G.I & AC ROOFING SHEETS IN CIVIL OFFICE & STORES AND OTHER IMPROVEMENT WORKS TO CIVIL FACTORY YARD.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
					RS	P	RS
16.68.	35	Providing and laying 80 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design / shape laid in required colour and pattern over and including 50 mm thick compacted bed of course sand, filling the joints with coarse sand etc.all complete as per the direction of Engineer-in-charge.	223.000	SQM	456.77		101859.71
2002/25.15.1	36	Grading roof for water proofing treatment with lime concrete with 20 mm nominal size brick aggregate and 50% lime mortar 1:2 (1 lime putty : 2 surki).	50.000	CUM	2625.92		131296.00
12.20	37	Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness and of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete.	420.000	sqm	195.84		82253.64
12.42	38	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.					
12.42.5	38A	Bend 87.5°					
12.42.5.2	38A1	110 mm bend	40.000	each	134.20		5368.00
12.42.6	39	Shoe (Plain)					
12.42.6.2	39A	110 mm Shoe	40.000	each	263.10		10524.00
12.41	40	Providing and fixing on wall face unplasticised Rigid PVC rain water					

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[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes.						
12.41.2	40A	110 mm diameter	160.000	metre	163.40		26144.00	
CF53/08-09	41	Removing the existing Fan/Light fight down rods and providing new down rods of length 1.45 m height from ceiling & 19 mm(0.5")diameter	217.000	EACH	192.00		41664.00	
15.57	42	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	230.000	sqm	8.65		1989.50	
15.28	43	Dismantling roofing including ridges, hips valleys and gutters etc., and stacking the material within 50 metres lead of:						
15.28.1	43A	G.S. Sheet	220.000	sqm	24.70		5434.00	
15.28.2	43B	Asbestos sheet	200.000	sqm	11.75		2350.00	
1.1.11/4	44	Coveyance of dismantling structural steel materials by contractor's own lorry for loading,leading,unloading,stocking asper the instruction of Engineer in charge.From 0 to 1 KM.	11.000	MT	35.14		386.54	
CF43/08-09	45	Carefully removing & refixing of existing Daiken False Ceiling as directed by the Engineer in charge.	230.000	SQM	193.68		44546.40	

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[AMOUNT IN Rs.]

TOTAL ESTIMATED VALUE BEFORE ESCALATION 2042032.11

ESCALATION @ % 0.00

TOTAL ESTIMATED VALUE (A) 2042032.11

CONTRACTOR TENDER PERCENTAGE @ ABOVE 1
BELOW 2
AT PAR 3

_____ % (B) 4

(Percentage in words)

SUB TOTAL if above (A) + (B) (C) 5

if below (A) - (B) (C) 6

if at par (A) (C) 7

*SERVICE TAX @ _____ % (D) 8

SERVICE HEAD :

TOTAL VALUE OF WORK [(C) + (D)] (E) 9

(Rupees in words)

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

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[AMOUNT IN Rs.]

SPECIAL CONDITION

- 1 The tenderer shall quote a percentage above or below or at par, the rates shown in the Bill of Quantities based on CPWD DSR 2007. The percentage quoted shall be clearly written both in words and figures. The contractor should accustom with CPWD DSR & Specifications before quoting.
- 2 The quoted percentage will apply to the individual items uniformly.
- 3 The above rates does not include PF & ESI remittance .The tenderer shall quote inclusive of PF & ESI contribution to their workers.
- 4 Items of work other than those mentioned in Bill of Quantities will have to be carried out at the rates to be fixed by this organisation .The same offered percentage will be applicable with reference to CPWD DSR 2007.
- 5 Safety precautions should be taken while doing the work. You will have to follow all safety requirements to carry out the work inside the factory premises.
- 6 **CONTRACT CONDITIONS ON TAXES & DUTIES**
- 7 a. The Tenderer shall have been Registered under Excise, Sales Tax, VAT, Service Tax regulations if applicable and provide a copy of such registration to BHEL as part of the tender document. In case of fresh registration/amendment thereon, the same shall be carried out before start of the work. PAN no shall be submitted as part the tender document. (copy to be enclosed)
- 8 b. Service Tax shall be paid by the service provider namely the Tenderer.
- 9 c. Required Tax Invoice as per the existing provisions to be issued in required parts duly signed by the Competent/Authorized Official of the Contractor to BHEL.
- 10 d. If due to deficiency in the document submitted, BHEL could not avail CENVAT, VAT Credit, the credit amount will be recovered from the amount due to the Tenderer .
- 11 e. If payment of statutory dues are not made in accordance with the applicable provisions of the relevant Act within the time specified and Penalty, Interest etc paid/payable by the Contractor, the same shall not be reimbursed by BHEL and the entire implication is only to be born by the Contractor. The Tenderer shall clearly indicate the rate of applicable taxes and duties for the work to be executed.
- 12 f. The Tenderer shall indicate all exemptions on account of thrushold limits or special notification under any stature. Any modification theron shall also be intimated immediately on changes.
- 13 g. The quote submitted shall include all taxes and duties of whatsoever in nature but exclusive of Service Tax which shall be quoted separately if applicable. The existing rate shall be quoted clearly. If reduced rates are applicable on account of material, labour if any the same shall be indicated clearly. After tender opening addition of any tax & duty is not admissible.
- 14 h. f any composition scheme is to be availed by the Tenderer, the all relevant terms and conditions shall be indicated clearly in the offer. The required compliance under relevant statue shall be carried out.
- 15 i. Any statutory variation will be to the account of BHEL. But if the variation is effective during the delayed/extended period of execution for reasons attributable to the vendor, the same shall be borne by the vendor only.
- 16 J1. Whether Servicable Turnover has crossed the Service Tax Threshold Limit as per Service Tax Rules for the tenderer. YES NO Remarks
- 17 J2.Registered with Service Tax authorities Registered with Service Tax authorities YES NO
- 18 J3.If yes copy of Service Tax Regn. Is enclosed YES NO
- 19 J4.Service Tax Registration No.
- 20 J5.Under which Service Head(s):
- 21 J6.Service Tax @ % is applicable as extra for this tender.
- 22 J7.Whether Input credit for the Materials is availed by the tenderer. YES NO
- 23 J8.Whether Input credit for the service portion is availed by the tenderer. YES NO

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- 24 J9.The Toal Value of Work (A+B+C) quoted is in the Tender is Inclusive of Service Tax . (Must be quoted both in figures and words)
- 25 J10.Tenderer has their own PF registration YES NO
- 26 J11.Tenderer has their own ESI registration YES NO
- 27 J12.PAN No. of the Tenderer
- 28 "7a) Power and water for all civil & road construction works will be provided by BHEL from the nearest tapping point at the recovery rates specified below. The contractor should make necessary arrangement for tapping the same at his own cost.
- 7b) The Contractor should quote the tender considering the above. The recovery rates towards the cost for these facilities will be @ 1% for water charges & 0.5% for Power charges will be effected from the bills on the executed value as certified by the Engineer-in-charge based on the usage of Power & water.
- 7c) In case the above facilities are not provided by BHEL, the tenderer has to arrange these facilities at his own cost and the recovery rates of 1% for water charges & 0.5% for Power charges will not be effected on the executed value as certified by the Engineer-in-charge."
- 29 All materials shall confirm to the latest IS/IRC specifications
- 30 Once the work is completed the contractor should remove all the unwanted materials from the site time to time and it should be disposed off as per the instructions of Engineer-in-charge without any further delay.
- 31 All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
- 32 All materials, colour, shade,brand, etc. shall be got approved from the Engineer-in-charge before the start of the work and shall confirm to the latest IS/IRC specifications.
- 33 The current minimum wages per day for USW is Rs.165.00/-
- 34 The contractor have to follow all statutory requirements like PF ,ESI etc.,through out the contract period.
- 35 The General conditions of contract in force shall apply to this contract.
- 36 The contractor is required to engage a Diploma holder Engineer through out the contract period.
- 37 Time is essence of the contract. Any delay beyond the delivery date will be subjected to LD.
- 38 "Tenderers are requested to visit the site and verify themselves about the actual site conditions to know about the site facilities, distances and assess the site condition before quoting for the job. No compensation for not acquainting themselves with the actual site conditions will be entertained at the later stage.
- 39 All materials shall confirm to the latest IS/IRC/MORTH specifications.
- 40 Cement and Reinforcement steel will be issued free of cost for theoretical consumption and at a recovery rate of Rs. 6,325.00 / MT and Rs. 41,975.00 / MT respectively. Structural steel and AC sheets will also be issued free of cost for theoretical consumption and at a recovery rate of Rs. 46,500.00 / MT and Rs. 140.00 / Sqm respectively. Upto 5% over and above the theoretical consumption beyond which penal recovery will be effected at the double the rates specified above.

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