



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

**TENDER NOTICE NO: BAP: CF: 64 / 2010-11 Date 15.03.2011.**

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

SI No	Name of work	Estimated cost (Rs in Lakhs)	Earnest Money Deposit (Rs)	Period of completion	Date of Tender opening
01	Construction of pavilion in Dr Ambedkar ground in Township.	28.81	60,000/-	Three months	31.03.2011

Tender documents can be downloaded from BHEL Web site.

[http://www.bhel.com/tender/view\\_tender.php](http://www.bhel.com/tender/view_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 02.30 PM on 31.03.2011 and the same will be 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](http://www.bhel.com/tender/list_tender.php)

Place: Ranipet – 6

Date : March 15, 2011

Phone Nos: 04172 – 242026, 284694, 284995 & 284087.

Email: [vdinakar@bhelrpt.co.in](mailto:vdinakar@bhelrpt.co.in)

Cell No:94433 89051 (or) 99439 77151

Telefax: 04172 - 242026

Dy Manager (Civil Projects & Services)

**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)**

**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/C/10/36

NAME OF WORK : CONSTRUCTION OF PAVILION IN DR. AMBEDKAR GROUND IN TOWNSHIP.

[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
2.8	01	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	01A	All kinds of soil.	200.000	cum	103.40	20680.00
4.1	02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
4.1.9	02A	1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40 mm nominal size)	35.000	cum	1416.40	49574.00
7.1	03	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	03A	Cement mortar 1:6 (1 cement : 6 coarse sand)	135.000	cum	1411.96	190614.94
DATA	04	Brick work with F.P.S. bricks of class designation 50 in superstructure above plinth level upto floor V level in all shapes and sizes in.				
DATA	04A	in cement mortar 1:6	252.500	CUM	1992.06	502995.15
13.1	05	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix :				
13.1.2	05A	1:6 (1 cement: 6 fine sand)	1000.000	sqm	49.02	49020.00
13.2	06	15 mm cement plaster on the rough side of single or half brick wall of mix :				
13.2.2	06A	1:6 (1 cement: 6 fine sand)	1000.000	sqm	56.30	56297.50

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



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5.9	07	Centering and shuttering including strutting, propping etc. and removal of form for :				
5.9.3	07A	Suspended floors, roofs, landings, balconies and access platform.	800.000	sqm	187.35	149880.00
5.22	08	STEEL REINFORCEMENT Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
5.22.3	08A	Cold twisted bars	16250.000	kilo	6.19	100587.50
2.25	09	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.	65.000	cum	45.70	2970.50
4.10	10	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size).	205.000	sqm	76.88	15759.38
13.46	11	Finishing walls with Acrylic Smooth exterior paint of required shade :				
13.46.1	12	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/ 10 sqm).	2000.000	sqm	50.40	100800.00
10.26	13	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing and staircase railing including applying a priming coat of approved steel primer.				
10.26.2	13A	E.R.W. tubes.	5000.000	kg	82.25	411250.00
DATA	14	Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transposed to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of	135.000	CUM	2229.55	300989.25

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[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge. M25 grade reinforced cement concrete by using 380 kg of cement per cum of concrete. All works above plinth level up to floor V level.						
10.2	15	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete:	24500.000	kg	9.41		230545.00	
97162640912.	16	Labour charges for carrying from stores and fixing of Zinalume sheets in the stadium as per standard procedure formulated by the manufacturer. The ratge shall be included cost of fixing arranegment, all labour charges, incidental charges, screws bolts & nuts, fasteners etc., loading, leading, placing & fixing in position, scaffolding charges, hire aned running charges for tools and plants. The measurement shall be based on actual laid area.	900.000	SQ.M	61.90		55710.00	
97162640912.	17	Labour charges for carrying from stores and fixing of Zinalume sheets in the stadium as per standard procedure formulated by the manufacturer. The ratge shall be included cost of fixing arranegment, all labour charges, incidental charges, screws bolts & nuts, fasteners etc., loading, leading, placing & fixing in position,	500.000	SQ.M	97.60		48800.00	

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[AMOUNT IN Rs.]

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		scaffolding charges, hire and running charges for tools and plants. The measurement shall be based on actual laid area.				

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RANIPET - 632406

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[AMOUNT IN Rs.]

TOTAL ESTIMATED VALUE BEFORE ESCALATION 2286473.22

ESCALATION @ 26.00 % 594483.04

TOTAL ESTIMATED VALUE (A) 2880956.26

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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**BHARAT HEAVY ELECTRICALS LIMITED**

BOILER AUXILIARIES PLANT

RANIPET - 632406

**ESTIMATE**

ESTIMATE REF NO : CF/C/10/36

NAME OF WORK : CONSTRUCTION OF PAVILION IN DR. AMBEDKAR GROUND IN TOWNSHIP.

[AMOUNT IN Rs.]

**SPECIAL CONDITION**

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

### **SPECIAL CONDITION**

<b>1. 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 &amp; accepted percentage will be applicable with reference to CPWD DSR 2007.</b>
<b>2. 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.</b>
<b>3. CONTRACT CONDITIONS ON TAXES &amp; DUTIES.</b>
<b>3a 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)</b>
<b>3b. 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 borne by the Contractor. The Tenderer shall clearly indicate the rate of applicable taxes and duties for the work to be executed.</b>
<b>3c. The Tenderer shall indicate all exemptions on account of threshold limits or special notification under any stature. Any modification thereon shall also be intimated immediately on changes.</b>
<b>3d. 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 taxes &amp; duties are not admissible.</b>
<b>3e. If any composition scheme is to be availed by the Tenderer, the all relevant terms and conditions shall be indicated clearly in the offer. The required compliance under relevant statue shall be carried out.</b>
<b>3f. 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.</b>
<b>4. All materials shall confirm to the latest IS/IRC specifications</b>
<b>5. All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.</b>
<b>6. 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.</b>
<b>7. The minimum wages applicable as per the Tamil Nadu minimum wages Act from time to time is to be paid.</b>
<b>8. The contractor have to follow all statutory requirements like PF ,ESI etc., throughout the contract period.</b>
<b>9. The General conditions of contract in force shall apply to this contract.</b>
<b>10.The contractor is required to engage a qualified Engineer with sufficient knowledge of the work throughout the contract period.</b>

**11. Time is essence of the contract. Any delay beyond the delivery date will be subjected to LD.**

**12. BHEL will provide water at free of cost by identifying the water source (Open well) within the BHEL premises subject to availability and the contractor has to make their own arrangement for pumping the water from well and using the same after ensuring the suitability for the purpose. In case BHEL is not able to provide water as stated above, the contractor has to make their own arrangement for bringing the required quality of water at their own cost from outside BHEL premises for construction & testing purpose.**

**13. The contractor has to make their own arrangement for the required power supply for the execution of work. However BHEL will issue No-Objection Certificate for getting the temporary power service connection if required.**

**14. 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 / Sq.m respectively. Up to 5% over and above the theoretical consumption beyond which penal recovery will be effected at double the rates specified**