



**CIVIL FACTORY AND DESIGNS**

Phone: 04172- 212026/254694 Fax : 04172 -241102

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

BAP: CF&D:16 / 3800

November 25, 2009

To  
Dear Sir(s),

**Sub: Improvement works in between APH & Fan shops and Shipping yard and Security office garage front area in factory - Reg.**

Ref: Tender Notice No .BAP: CF: 30 / 2009 – 2010 Dt 25.11.2009

We herewith enclose the document for the above work. You are required to submit most competitive offer in a sealed cover so as to reach the office of Sr DGM (Civil Projects & Services) before 15.00 Hrs. **The tender shall be opened at 15.00 Hrs. on the same day.**

Name of work	<b>Improvement works in between APH &amp; Fan shops and Shipping yard and Security office garage front area in factory.</b>				
EMD amount	<b>Rs 40,000.00</b>	Date of Opening	<b>11.12.2009</b>	Period of Contract	<b>Two months</b>

**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.**
- We hope to receive your offer on the due date of opening and in case you are not interested to quote, then You please state the reasons and return back the documents.
- Increasing the rates subsequent to opening of tender is not admissible and the tender is liable for cancellation / forfeiture of EMD if any. The rates quoted in the tender shall remain valid for a period of Three Months from the date of opening the tender.
- 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)  
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.**

**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 filledin 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.

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



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**SPECIAL CONDITIONS OF CONTRACT**

- 1 The tenderer shall quote a percentage above or below or at par, the rates shown in the Bill of Quantities based on CPWD DSR 2007. The percentage quoted shall be clearly written both in words and figures.
- 2 The quoted percentage will apply to the individual items uniformly .
- 3 The above 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 Power and water will be available free of charges from the nearest tapping point subject to availability. The contractor should make necessary arrangement for tapping the same.
- 6 Safety precautions should be taken while doing the work. You will have to follow all safety requirements to carry out the work inside the factory premises.
- 7 All materials shall confirm to the latest IS/IRC specifications
- 8 All the works to be carriedout strictly as per the specifications laid down in Tamil Nadu Building practice and also satisfying relevant IS/IRC specifications.
- 9 Cement, Reinforcement steel, Structural steel and AC sheet will be issued at free of cost. 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.
- 10 Once the work is completed the contractor should remove all the unwanted materials from the site time to time and it should be disposed off as per the instructions of Engineer-in-charge without any further delay.



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- 11 All the rates are inclusive of scaffolding charges ,sundries & contingencies , carriage of materials ,cost of brush ,sand paper, ladder, gum, putty, turpentine, caustic soda or washing soda, mixing charges etc., complete.
  - 12 All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
  - 13 Base preparation, mixing ratio,etc. shall be as per the recommendations of the manufacturer.
  - 14 All materials, colour, shade,brand, etc. shall be got approved from the Engineer-in-charge before the start of the work and shall confirm to the latest IS/IRC specifications..
  - 15 The current minimum wages per day for USW is Rs.149.00/day
  - 16 Coefficient of consumption for paint, distemper, cement, etc. shall be as per CPWD 2007 data.
  - 17 The contractor have to follow all statutory requirements like PF ,ESI etc.,through out the contract period.
  - 18 The General conditions of contract in force shall apply to this contract.
  - 19 The contracator is required to engage a Degree / Diploma holder Engineer through out the contract period.
  - 21 Time is essence of the contract. Any delay beyond the delivery date will be subjected to LD.
  - 22 The tenderer may visit the site and assess location before quoting the rate.

**23 CONTRACT CONDITIONS ON TAXES & DUTIES**

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

b. Service Tax shall be paid by the service provider namely the Tenderer.



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

**BHARAT HEAVY ELECTRICALS LIMITED**

BOILER AUXILIARIES PLANT

RANIPET - 632406

**ESTIMATE**

ESTIMATE REF NO : CF/RB/09/26

NAME OF WORK : IMPROVEMENT WORKS IN BETWEEN APH,FAN SHOPS AND SHIPPING YARD AND SECURITY OFFICE GARRAGE FRONT AREA IN FACTORY.

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
15.1	01	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineer in charge.	130.000	CUM	128.45	16698.50
2.6.1	02	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. For All kinds of soil.	95.000	CUM	101.85	9675.75
2.8.1	03	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.	5.000	CUM	103.40	517.00
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 :For All kinds of soil.	1305.000	SQM	20.74	27065.70
17.2/2002	05	Consolidation of subgrade with power road roller of 8 to 10 tonne capacity including making good the undulations etc with earth or quarry spoils etc.and rerolling the subgrade.	1250.000	SQM	1.02	1275.00
5.9.2	06	Centering and shuttering including strutting, propping etc. and removal of form for: Walls (any thickness) including attached pilasters, butteresses, plinth and string courses	240.000	SQM	180.40	43296.00

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

**BHARAT HEAVY ELECTRICALS LIMITED**

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CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		etc.				
4.1.8	07	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement: 4 fine sand : 8 graded stone aggregate 40 mm nominal size).	14.000	CUM	1568.40	21957.60
4.1.3	08	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	32.500	CUM	1599.85	51995.13
16.68	09	Providing and laying 60mm 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 50mm thick compacted bed of course sand, filling the joints with coarse sand etc. all complete as per the direction of Engineer-in-charge.	210.000	SQM	346.35	72733.50
16.68	10	Providing and laying 80mm 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 50mm thick compacted bed of course sand, filling the joints with coarse sand etc. all complete as per the direction of Engineer-in-charge.	2100.000	SQM	456.77	959217.00

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NAME OF WORK : IMPROVEMENT WORKS IN BETWEEN APH,FAN SHOPS AND SHIPPING YARD AND SECURITY OFFICE GARRAGE FRONT AREA IN FACTORY.

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
2.25	11	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	2.000	CUM	45.70		91.40	
2.27	12	Supplying and filling in plinth with good sand under floors including, watering, ramming consolidating and dressing complete.	12.000	CUM	301.50		3618.00	
6.1.2	13	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in:For Cement mortar 1:6 (1 cement: 6 coarse sand).	13.000	CUM	1798.00		23374.00	
13.1.2	14	12 mm cement plaster of mix :For 1:6 (1 cement: 6 fine sand).	5.000	SQM	49.00		245.01	
13.2.2	15	15 mm cement plaster on the rough side of single or half brick wall of mix :For 1:6 (1 cement: 6 fine sand).	33.000	SQM	56.28		1857.24	
16.2	16	Extra for compaction of earth work in embankment under optimum moisture conditions to give at least 95% of the maximum dry density (proctor density).	32.000	CUM	4.50		144.00	
1.1.2/5	17	Carriage of materials by mechanical transport including loading,unloading & stacking excavated earth,debris etc.,For lead upto 2 KM.	120.000	CUM	56.41		6769.20	

1240530.03

ESCALATION @

%

0.00

TOTAL ESTIMATED VALUE (A)

1240530.03

CONTRACTOR TENDER PERCENTAGE @ ABOVE / BELOW / AT PAR \_\_\_\_\_% (B)

(Percentage in words )

CONTRACTOR/ TENDERER

ACCEPTING OFFICER

**BHARAT HEAVY ELECTRICALS LIMITED**

BOILER AUXILIARIES PLANT

RANIPET - 632406

**ESTIMATE**

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SERVICE HEAD :	SUB TOTAL	(A+B)	=====
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SERVICE TAX @	%	(C)	=====
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TOTAL VALUE OF WORK	(A+B+C)
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**CONTRACTOR/ TENDERER**

**ACCEPTING OFFICER**