

# **Bharat Heavy Electricals Limited**

**Boiler Auxiliaries Plant**

**Ranipet – 632 406 . India**

**Civil Projects & Services Department**

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

**Name of work** : Construction of 5 lakh litres capacity  
RCC over head tank, including piping  
for BHEL Township in Zone – III,  
Ranipet – 6 Vellore District ,  
Tamilnadu.

**Tender Notice No.** : BAP:CF: 31/2011-12 Dated 24.01.2012

**Period of Contract** : 9 Months

**Issued to** :



BHARAT HEAVY ELECTRICALS LIMITED  
(A Government of India Undertaking )  
Unit : BOILER AUXILIARIES PLANT  
RANIPET - 632 406.

**CIVIL PROJECTS & SERVICES DEPARTMENT**

**NOTICE INVITING TENDER**

01. Name of Work : **Construction of 5 lakh litres capacity RCC over head tank, including piping for BHEL Township in Zone - III, Ranipet - 6**
02. Earnest Money Deposit : **Rs.1,00,000/-**
03. Completion Time : **Nine Months**
04. Cost of Tender Document : Can be downloaded freely from BHEL web site
05. Last Date for Receipt of Tenders : **15.00 Hrs. on 21.02.2012**
06. Date of Tender Opening : **15.00 Hrs. on 21.02.2012**
07. Maintenance Period : **6 (Six Months)**  
( from the date of actual completion of the entire work handing over to Bharat Heavy Electricals Limited)

Tender document contains **196** pages in Qualification Bid and **27** pages in Price Bid including Bill of Quantities, etc.

Issued to Messrs. / Thiru : .....

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**ISSUING OFFICER**

**CONTRACTOR**

**2**

**ACCEPTING OFFICER**

**BHARAT HEAVY ELECTRICALS LIMITED  
RANIPET – 632 406**

**CIVIL PROJECTS & SERVICES DEPARTMENT**

**INSTRUCTIONS TO TENDERERS**

1. The tender is open to all Contractors. The Contractors not borne on the approved list of contractors of this Organization must submit the following testimonials simultaneously with their tenders.
  - i. A Certificate to establish that the tenderer is an independent contractor working on his own
  - ii. At least two certificates from responsible Officers of Government or Firms of repute, regarding the tenderer's capacity to undertake and carryout the work tendered for or similar work satisfactorily.

**NOTE :**

- a) Copies of testimonials unless attested by a Gazetted Officer will not be accepted
- b) Non – Submission of the above testimonials simultaneously with the tenders may result in the tender being rejected
2. The tenders should be accompanied by a list of contracts already held by the contractor at the time of submitting the tender and giving the following particulars
  - a) Value of each contract
  - b) The balance value of work to be done on the same
3. The tenderer is advised to obtain the tender documents in person or by a messenger duly authorized to do so. The BHARAT HEAVY ELECTRICALS LIMITED will not under any circumstances accept responsibility for the non – receipt of delay in the receipt of the tender documents by the tender.
4. The tenderer shall quote a percentage above or below or at par the total Estimate value of the Rate Schedule of the Price Bid in FIGURES and in WORDS. In case of any difference in the rates quoted in figures and in words, the lower of the two rates will be taken as the tendered rate. Unit rate with quoted percentage shall be the basis for arriving the total value of the tender. The total amount for every item shall be arrived by multiplying the unit rate with the quantity indicated for that item. In case of any arithmetic deviation is noticed in the total amount **etc** , the same will be corrected and evaluated by taking unit rate as basis and multiplying with the quantity indicated.
5. Rate quoted shall include all royalties, terminal taxes, Octroi duties, Central or Provincial Excise Tax, Sales Tax and any other taxes leviable under the State or Central Government rules. The Bharat Heavy Electricals Ltd., will not entertain any claim whatever in this respect. **However if the service tax is applicable for this contract work including free issue materials value, the same will be reimbursed as per Service Tax rules.**
6. Should a tenderer find discrepancies or omissions in the drawings or any of the tender documents or should be in doubt as to their meaning, he should at once address the authority inviting the tender for clarification. Every endeavor is made to avoid any error which can materially affect the basis of the tender but the successful tenderer shall take upon himself to provide for the risk of any error which may be subsequently by discovered and shall make no subsequent claim on account thereof.

7. Tenders submitted by post should be sent "Registered Post with Acknowledgement due". These should be posted with due allowance for any delay in postal delivery. Tenders received after the due date and time of opening, tenders are liable to be rejected.
8. Where the tender called for covers only the building work and excludes internal services such as sanitary and water supply installations, electrification etc., the building contractor will have to leave pockets, holes, etc., as required for other works and will have to phase his work to ensure smooth progress of the work of the other agencies also as directed by the Engineer – in – charge.
9. Where the tender schedule contains special items of work such special floor finishes, foam concrete for insulation, special water proofing treatment to roofs etc., it will be entirely at the discretion of the Project Authorities to allot these items of work to other contractors specialized in these works. In such cases, the main building Contractor will have to tender all necessary co-operation to the agencies involved so as to ensure the smooth progress of all work.
10. The contractor's responsibility under this contract shall commence from the date of receipt of the LOI by the tenderer. The scheduled period of completion for this work will be as mentioned in page No. 02, and the Contractor will have to plan his work accordingly.
11. Generally, the maintenance period for any work under BHEL Organization will be SIX (6) MONTHS .

**12. Earnest Money Deposit:**

Earnest Money is to be paid by each tenderer to ensure that the tenderer does not refuse to execute the work after it is awarded to him. Shall also be furnished in the form of Pay Order or Demand Draft in favour of BHEL, Ranipet-6. EMD in any other form will not be accepted. The rate of earnest money deposit shall be as under:

Works costing up to Rs. 2 lakhs	NIL
Works costing more than Rs.2 lakh and up to Rs. 5 lakhs	Rs. 10,000/-
Works costing more than Rs.5 lakhs and up to Rs.10 lakhs	Rs. 20,000/-
Works costing more than Rs.10 lakhs and up to Rs.20 lakhs	Rs. 40,000/-
Works costing more than Rs.20 lakhs and up to Rs.30 lakhs	Rs. 60,000/-
Works costing more than Rs.30 lakhs and up to Rs.50 lakhs	Rs. 1,00,000/-
Works costing more than Rs.50 lakhs and up to Rs.100 lakhs	Rs. 1,50,000/-
Works costing more than Rs.100 lakhs	Rs. 2,00,000/-

One time EMD will also be Rs.2 Lakh.

EMD by the Tenderer will be forfeited if,

- a) After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.
  - c) The tenderer does not commence the work within the period as per LOI / Contract. In case the LOI / contract is silent in this regard then within 15 days after award of contract.
  - c) EMD given by all unsuccessful tenderers shall be refunded normally within fifteen days of acceptance of award of work by the successful tenderer.
  - d) EMD shall not carry any interest.
13. Should a tenderer or a contractor on the list of approved Contractors have a relative, or in the case or a firm or Company of contractors any of its share holders or shareholder's relative, employed in a gazetted capacity in the Engineering Department of the Bharat Heavy Electricals Limited, the authority inviting tenders shall be informed of this fact at the time of submission of the tender, failing which tender, may be disqualified or if such fact subsequently comes to light, the contract may be rescinded in accordance with the relevant provisions in the General Conditions of Contract.

14. If tenderer expires after the submission of his tender or after the acceptance of his tender the BHEL may, at their discretion, cancels such tender. If a partner of a firm expires after submission of tender or after the acceptance of the Tender, BHEL may cancel such Tender at their discretion unless the firm retain its character.
15. The Bharat Heavy Electricals Limited will not be bound by any power of attorney granted by the tenderer or by changes in the composition of firm made subsequent to the execution of the contract. They may however dispatch such power of attorney and changes after obtaining proper legal advice the cost of which will be chargeable to the contract concerned.
16. If the tenderer deliberately gives wrong information in his tender or creates conditions favourable for the acceptance of his tender, the Bharat heavy Electricals Limited, reserves the right to reject such tender at any stage. Also BHEL reserves its right to finalize the contract through reverse auction for which only qualified tenderers will be provided with necessary documents containing reverse auction rules, terms and conditions for this purpose.
17. Words importing the singular number shall also be deemed to include the plural number and vice versa where the context so requires.
18. The expenses for completing and stamping the agreement shall be paid by the contractor.
19. The General and special conditions are complementary to each other and where they are conflict the Special Conditions shall prevail. In regard to matters not covered by the General and Special Conditions of Contract, those contained in the Tamil Nadu Building Practice Standard Specifications or other specifications approved by the Bharat Heavy Limited, Shall apply.
20. Tenderers shall not increase their quoted rate in case the Bharat Heavy Electricals Limited, negotiates for negotiation for reduction of rate. Such negotiation shall not amount to cancellation or withdrawal of the original offer and the rate originally quoted shall be binding on the tender for a **period of three months** from the date of opening of tenders.
21. Canvassing in any form in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection
22. All contractors will have to produce copy of Income tax Return for the last three years along with their tenders. Those Contractors whose income is not taxable will be required to give an affidavit of their income on the prescribed form.

## TENDER NOTICE

**NAME OF WORK :** **Construction of 5 lakh litres capacity RCC over head tank, including piping for BHEL Township in Zone – III, Ranipet – 6.**

1. SEALED TENDERS for the above noted work are hereby invited from contractor experienced in works of similar kind and magnitude. Tenders will be received by ADDL.GENERAL MANAGER / CIVIL / PROJECTS & SERVICES Bharat Heavy Electricals Limited, Ranipet – 632 406 up to **15.00 Hrs** on **17.02.2012** and will be opened on the same day at **15.00** hrs. at the Office of the ADDL. GENERAL MANAGER / CIVIL / PROJECTS & SERVICES in the presence of such of those tenderers or their agents who may choose to attend.
2. TENDER FORMS and other particulars regarding the proposed work can be obtained on any working day from 8.00 A.M. to 4.30 P.M. up to **16.02.2012** on payment of the prescribed sum of **Rs.750/-** per set ( including Sales Tax ) Amount non refundable.
3. TENDERS must be submitted in sealed covers and should be addressed to **MANAGER / CIVIL TOWNSHIP (Near Mukundarayapuram Railway Station), BHEL Township, Ranipet – 632 406** with full name and address of the tenderer and the name of work being noted on the cover
4. All entries in the tender documents should be in one ink. Erasers and over writings are not permitted. All cancellations and insertions should be duly signed by the tenderer concerned.
5. TENDERERS should fill in all the required particulars in the blank spaces provided for this purpose in the tender documents and also sign each and every page of Tender Documents including the drawings attached there to before submitting their tender.
6. The tenderer shall quote a percentage above or below or at par the total Estimate value of the Rate Schedule of the Price Bid in FIGURES and in WORDS. In case of any difference in the rates quoted in figures and in words, the lower of the two rates will be taken as the tendered rate. Unit rate with quoted percentage shall be the basis for arriving the total value of the tender. The total amount for every item shall be arrived by multiplying the unit rate with the quantity indicated for that item. In case of any arithmetic deviation is noticed in the total amount **etc** , the same will be corrected and evaluated by taking unit rate as basis and multiplying with the quantity indicated.
7. In quoting their rates, the tenderers are advised to take account all factors including any fluctuations in the market rates etc. No claim will be entertained on this account after acceptance of the tender or during the currency of the contract.
8. Before tendering, the tenderers are advised to inspect the site of work and its environments and be well acquainted with the actual working and other prevalent conditions position of materials and labour, General and Special Conditions of Contract. Instructions to tenders, drawings and Specifications and all other documents which form part of the Agreements to be entered into.
9. In case of any discrepancy between general conditions of contract & preamble , only preamble prevails over the other . Likewise the specification in the BOQ over the rest of the document.
10. Quoted rate shall be firm throughout the contract period and no cost escalation is allowed on any account.

11. In the event of tender being submitted by firm the tender must be signed separately and legibly by each partner or member of the firm or in their absence, by the person holding the power of attorney on behalf of the firm concerned in the latter case a copy of the power of attorney duly attested by a Gazetted Officer must accompany the tender.
12. Every tender must be accompanied with EMD for the amount as specified in Page No. 02 in any of the form mentioned in Para 12 of the "Instruction to Tenderers". This Earnest Money will be refunded to the unsuccessful tenderers within fifteen days of finalization of the award of work. In case of the successful tenderer, the Earnest Money will be retained as part of the Security Deposit for satisfactory completion of the work in accordance with Clause 16 of the General Conditions of Contract.

NOTE: Cheques, Currency Notes and Money Orders will not be accepted in lieu of the deposit receipt referred to above

### 13. Security Deposit

13.1 Security Deposit should be collected from the successful tenderer.

The rate of Security Deposit will be as below:

Up to Rs. 10 lakhs	10%
Above Rs. 10 lakhs up to Rs.50 lakhs	Rs.1 lakh + 7.5% of the amount exceeding Rs. 10 lakhs.
Above Rs. 50 lakhs	Rs.4 lakhs + 5% of the amount exceeding Rs. 50 lakhs.

The security Deposit should be collected before start of the work from the contractor.

13.2 Security Deposit may be furnished in any one of the following forms

- i) Cash (as permissible under the Income Tax Act)
- ii) Pay Order, Demand Draft in favour of BHEL.
- iii) Local cheques of scheduled banks, subject to realization.
- iv) Securities available from Post Offices such as National Savings Certificates, Kisan Vikas Patras etc.

(Certificates should be held in the name of Contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back).

v) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act subject to a maximum of 50% of the total security deposit value. The balance 50% has to be remitted either by cash or in the other form of security. The Bank Guarantee format should have the approval of BHEL.

vi) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the contractor, A/C BHEL, duly discharged on the back.

vii) Security deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of the Security Deposit should be collected before start of the work and the balance 50% may be recovered from the running bills.

viii) EMD of the successful tenderer shall be converted and adjusted against the security deposit.

ix) The security deposit shall not carry any interest.

**NOTE:** Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However, BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.

13. Unless the contractor whose tender is accepted signs the Contract Agreements and makes the necessary security deposit specified in Para 13 above within Seven days of the date of the order directing him to do so the amount of Earnest Money Deposit already deposited by him will be forfeited and acceptance of his tender withdrawn.
14. After tender opening if tenderer revokes his tender or increases his earlier quoted percentage rate or after acceptance of his tender does not commence the work in accordance with the instruction of the Engineer-in-charge, the Earnest Money deposited by him will be forfeited and acceptance of his tender withdrawn. If only a part of the work included in the tender had been awarded to the tenderer, the amount of Earnest Money to be forfeited will be based on the value of the contract so awarded.
15. The Bharat Heavy Electricals Limited reserved the right to reject any or all the received or accept any tender or part thereof without assigning any reason thereof. In the case acceptance of part of tender, time for completion may also be reduced to the extent considered appropriate by the Accepting Authority. Also BHEL reserves its right to finalize the contract through reverse auction for which only qualified tenderers will be provided with necessary documents containing reverse auction rules, terms and conditions for this purpose.
16. Conditional and Un witnessed tenders, tender containing absurd rates and amounts tenders which are incomplete or otherwise considered defective and tenders not in accordance with the tender conditions laid down by the Accepting Officer are liable to be rejected.
17. Tenders not submitted on the prescribed form are liable to be rejected
18. The work must be completed within a period as mentioned in page No.02.
19. The Chairman / General Manger / Deputy General Manager / Deputy Manager / Senior Engineer shall be Accepting Officer, herein after referred to as such for the purpose of this contract.
20. This tender notice shall be deemed to form an integral part of the contract to be entered into for this work.
21. The tenderers are advised to go through the condition stipulated in Tender document & code of conduct for 'Health & Safety of Contract Labourer' in details. Any violation thereof will invite punitive action being taken against them. While quoting the rate all the above factors are to be taken into account.

**ISSUING OFFICER**

## SHEDULE 'A'

### LIST OF WORKS AND PRICES

**NAME OF WORK: Construction of 5 lakh litres capacity RCC over head tank, including piping for BHEL Township in Zone – III, Ranipet – 6.**

DETAILS & QUANTITIES of each item of work shown in the BILL OF QUANTITIES are only approximate. They are given as a guide for the purpose of tendering only and are liable to variation and alteration of the Competent Authority. The work under each item as executed shall be measured and priced at the corresponding rate quoted by the contractor in the BILL OF QUANTITIES

Sl.No.	Description of work / supplied	Total amount of work / supplies (in figures and words)		Period of contract
		Rs.	Ps.	
1.	<b>Construction of 5 lakh litres capacity RCC over head tank, including piping for BHEL Township in Zone – III, Ranipet – 6.</b>	-----		<b>9 Months</b>

### BILL OF QUANTITIES

Sl. No.	Appx. Qty.	Description of work	TNBP No.	Rate (Both in Unit fig & Words)	Amount	
					Rs.	Ps.

AS PER SEPARATE SHEETS ATTACHED CONTAINING 1 PAGE

**FROM SERIAL No. 1 to 2**

**SCHEDULE 'B'**

**LIST OF FREE ISSUE MATERIAL FROM BHEL STORE**

Sl.No	Name of Material
1	<b>Nil</b>

**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.

**CONTRACTOR**

10

**ACCEPTING OFFICER**

**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
		-----NIL-----

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

### AUTHORITY TO TENDER

Tender Notice No.

**BAP:CF: 31/2011-12 Dated 24.01.2012**

Office of the  
ADDL.GEN. MANAGER / CIVIL /PROJECTS &  
SERVICES,BHARAT HEAVY ELECTRICALS LIMITED  
RANIPET – 632 406.

**Item rate tender for work required Construction of 5 lakh litres capacity RCC over head tank, including piping for BHEL Township in Zone – III, Ranipet – 6 .**

Messrs / Mr. ....

.....of.....

are / is hereby authorized to tender for the above work. The Tender is to be delivered at the Office of the ADDL.GEN. MANAGER / CIVIL /PROJECTS & SERVICES Bharat Heavy Electricals Limited Unit, Boiler Auxiliaries Plant , Ranipet – 632 406, **up to 15.00 hrs. on 21.02.2012** addressed to the Manager / Civil / Projects & Services , BHEL. Boiler Auxiliaries Plant , Ranipet – 632 406, superscribing the name of work as mentioned above.

Any correspondence concerning this tender should be addressed as indicated above quoting the Tender Notice, Schedule No. and other relevant particulars.

**BHARAT HEAVY ELECTRICALS LIMITED DO NOT BIND THEMSELVES TO ACCEPT THE LOWEST OR ANY TENDER.**

Issuing Officer with  
Designation

**CONTRACTOR**

12

**ACCEPTING OFFICER**

Contract Agreement No.....

**TENDER**

To

The Additional General Manager/Civil/ Projects & Services  
Bharat Heavy Electricals Limited  
Unit : Boiler Auxiliaries Plant  
Ranipet – 632 406.

I / We hereby offer to carry out the **Construction of 5 lakh litres capacity RCC over head tank, including piping for BHEL Township in Zone – III, Ranipet – 6 Vellore District , Tamilnadu.**

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

- 1.Specifications (General & Particular )
- 2.Schedule 'A', 'B', 'C', 'D' & 'E'
- 3.BHE Ltd., General & Special Conditions of Contract, Tender Notice and Instructions to Tenders attached hereto.

I / We forward herewith the sum of Rs.....as Earnest Money, which shall be refunded should this tender be rejected. I / We further agree to deposit such sum which along with the sum of Rs.....mentioned above shall make up 50% of the fully Security Deposit for this work as provided for under conditions of the BHARAT HEAVY ELECTRICALS LIMITED General Conditions of Contract.

I / We further agree to execute all the work referred to in the said documents upon the terms & conditions contained or referred therein and as detailed in Schedule 'A' and Bill of Quantities annexure thereto and to carry out such deviations as may be ordered, vide conditions 6 of the BHEL Ltd., General Conditions of Contract up to a maximum of 20% of the tendered amount of Rs.....

I / We further agree to refer all disputes, as required by condition 62 of the General conditions of Contract to the sole arbitration of an Officer, to be appointed by the General Manager, B.H.E Ltd., in his sole discretion whose decision shall be final and binding.

**WITNESS**

Signature of the Contractor

Date :

- 1. ....
- 2. ....

**GENERAL SUMMARY**

- |    |   |       |
|----|---|-------|
| 1. | (a) Net Cost of works or building etc., from Schedule 'A' | Rs.   |
| 2. | Provisional sum   | Rs.   |
|    |   | ..... |
|    | Total   | Rs.   |
|    |   | ..... |

Rupees.....  
.....  
.....

Shri..... in the  
capacity of ..... has been  
duly authorized by me / us to sign the tender for and on behalf of  
.....

( in block letters )

Date :

SIGNATURE OF CONTRACTOR

Witness :

Postal Address :

1.....  
Address

Telephone No.

2. ....  
Address

**CONTRACTOR**

**ACCEPTING OFFICER**

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

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

.....the said officer is hereby authorized to sign and initial on my behalf the documents forming part of this contract (Number of alternation in figures and words to be given here)

The above tender is accepted by me on behalf of the Bharat Heavy Electricals Limited, Unit : Boiler Auxiliaries Plant , Ranipet – 632 406.

for a sum of Rs.....  
.....  
.....

.....at the rates as indicated in Schedule 'A'.( Bill of Quantities)

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

Designation .....



## BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

### PRICE BID

ESTIMATE REF NO : CF/C/11/28

NAME OF WORK : CONSRUCTION OF RCC OVER HEAD TANK FOR 5.00 LAKH LITRE CAPACITY IN ZONE III OF BHEL TOWNSHIP AT RANIPET

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
DATA	01	Earth work excavation and depositing on bank within initial lead of 10m and initial lift of 2m in all kinds of soils for foundation including haring, strutting, bailing out water wherever necessary etc. complete and as directed by Engineer - in - charge.				
DATA	01A #	for first depth of 2m from 0-2m depth	241.000	CUM	73.00	17593.00
DATA	01B #	for second depth of 1m i.e., from 2-3m	110.000	CUM	76.70	8437.00
DATA	02 #	Supplying and filling with clean river sand including consolidation etc complete.	18.500	CUM	350.00	6475.00
DATA	03 #	Plain cement concrete 1:4:8 (one cement, four sand, eight HBG metal of 40mm size) for levelling course including cost of mixing placing ramming and curing etc. complete (1.5m to 4.5m below GL) as directed by the Engineer - in - Charge.	12.200	CUM	1426.25	17400.25
DATA	04	Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10kms having continuous agitated mixer, manufactured as per mix design of 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. M-30 grade Reinforced cement concrete by using 400 kg of cement per cum of concrete.				.00
DATA	04A #	Beyond 1.50m to 4.50m depth for below GL for raft slab, pedestal etc.	40.000	CUM	4791.60	191664.00
DATA	04B #	Below ground level up to 1.50m depth and up to 1.00m above GL	14.000	CUM	4753.30	66546.20

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



## BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

### PRICE BID

ESTIMATE REF NO : CF/C/11/28

NAME OF WORK : CONSRUCTION OF RCC OVER HEAD TANK FOR 5.00 LAKH LITRE CAPACITY IN ZONE III OF BHEL TOWNSHIP AT RANIPET

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
					RS	P	RS
DATA	04C #	From 1.00m up to 4.50m height above GL	11.300	CUM	4792.15		54151.30
DATA	04D #	From 4.50m to 7.32m height above GL	11.300	CUM	4869.65		55027.05
DATA	04E #	Above 7.32m to 10.98m ht from GL	11.300	CUM	4947.10		55902.23
DATA	04F #	Above 10.98m to 14.64m ht	11.300	CUM	5024.60		56777.98
DATA	04G #	Above 14.64m to 18.30m ht	146.750	CUM	5102.10		748733.18
DATA	04H #	Above 18.30m to 21.96m ht	39.500	CUM	5179.60		204594.20
DATA	05	Providing and laying in position, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including lifting 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-30 grade reinforced cement concrete by using 400 kg. Of cement per cum of concrete. Cement will be issued at free of cost at BHEL store					.00
DATA	05A #	Beyond 1.50m to 4.50m depth for below GL for raft slab, pedestal etc.	1.350	CUM	2051.65		2769.73
DATA	05B #	Below ground level up to 1.50m depth below GL and 1.00 m above GL	4.100	CUM	2013.30		8254.53
DATA	05C #	from 1.00 m up to 4.50m height above GL	12.250	CUM	2052.15		25138.84
DATA	05D #	Above GL from 4.50m to 7.32m height from GL	7.700	CUM	2129.65		16398.31
DATA	05E #	Above 7.32m to 10.98m ht from GL	10.000	CUM	2207.15		22071.50
DATA	05F #	Above 10.98m to 14.64m ht	8.350	CUM	2284.65		19076.83
CPWD DATA	06 #	Extra for carriage of R.M.C. beyond the initial lead of 10 KM Note: 285.45 Cum concrete	5995.000	CUM/KM	31.14		186684.30

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



## BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

### PRICE BID

ESTIMATE REF NO : CF/C/11/28

NAME OF WORK : CONSRUCTION OF RCC OVER HEAD TANK FOR 5.00 LAKH LITRE CAPACITY IN ZONE III OF BHEL TOWNSHIP AT RANIPET

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
DATA	07	Centring & shuttering for RCC works including strutting etc., complete.						.00
DATA	07A #	Below GL and up to 3.3m ht. for plane surface	42.750	SQM	309.75			13241.81
DATA	07B #	Below GL and up to 3.3m ht. for Circular column	7.500	SQM	743.40			5575.50
DATA	07C #	Below GL and up to 3.3m ht. square surface	346.000	SQM	371.70			128608.20
DATA	07D #	From 3.30m ht to 4.30m ht Circular column	1.400	SQM	759.70			1063.58
DATA	07E #	From 3.30m ht to 4.30m ht square surface	25.600	SQM	388.00			9932.80
DATA	07F #	From 4.30m ht to 5.30m ht. Circular column	1.410	SQM	775.95			1094.09
DATA	07G #	From 4.30m ht to 5.30m ht. square surface	25.600	SQM	404.25			10348.80
DATA	07H #	From 5.30m ht to 6.3m ht. Circular column	1.410	SQM	792.25			1117.07
DATA	07I #	From 5.30m ht to 6.3m ht. square surface	131.250	SQM	420.55			55197.19
DATA	07J #	From 6.30m ht to 7.30m ht Circular column	1.410	SQM	808.50			1139.99
DATA	07K #	From 6.30m ht to 7.30m ht square surface	25.600	SQM	436.80			11182.08
DATA	07L #	From 7.30m ht to 8.30m ht. Circular column	1.410	SQM	824.80			1162.97
DATA	07M #	From 7.30m ht to 8.30m ht. square surface	25.600	SQM	453.10			11599.36
DATA	07N #	From 8.30m ht to 9.30m ht. circular column	1.410	SQM	841.05			1185.88
DATA	07P #	From 8.30m ht to 9.30m ht. square surface	131.250	SQM	469.35			61602.19
DATA	07Q #	From 9.30m ht to 10.30m ht. Circular column	1.410	SQM	857.35			1208.86
DATA	07R #	From 9.30m ht to 10.30m ht. square surface	25.600	SQM	485.65			12432.64
DATA	07S #	From 10.30m ht to 11.30m ht. Circular column	1.410	SQM	873.60			1231.78
DATA	07T #	From 10.30m ht to 11.30m ht. square surface	25.600	SQM	501.90			12848.64
DATA	07U #	From 11.30m ht to 12.30m ht. curved surface	1.410	SQM	664.65			937.16
DATA	07V #	From 11.30m ht to 12.30m ht. square surface	131.250	SQM	518.20			68013.75

CONTRACTOR/ TENDERER

ACCEPTING OFFICER



## BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

### PRICE BID

ESTIMATE REF NO : CF/C/11/28

NAME OF WORK : CONSRUCTION OF RCC OVER HEAD TANK FOR 5.00 LAKH LITRE CAPACITY IN ZONE III OF BHEL TOWNSHIP AT RANIPET

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
DATA	07W #	From 12.30m ht to 13.30m ht curved surface	1.410	SQM	680.95		960.14	
DATA	07X #	From 12.30m ht to 13.30m ht square surface	25.600	SQM	534.45		13681.92	
DATA	07Y #	From 13.30m ht to 14.30m ht. curved surface	1.410	SQM	697.20		983.05	
DATA	07Z #	From 13.30m ht to 14.30m ht. square surface	25.600	SQM	550.75		14099.20	
DATA	07ZA #	From 14.30m ht to 15.30m ht. curved surface	155.200	SQM	713.50		110735.20	
DATA	07ZB #	From 14.30m ht to 15.30m ht. plane surface	137.820	SQM	505.05		69605.99	
DATA	07ZC #	From 14.30m ht to 15.30m ht. square surface	2.260	SQM	567.00		1281.42	
DATA	07ZD #	From 15.30m ht to 16.30m ht. curved surface	135.250	SQM	729.75		98698.69	
DATA	07ZE #	From 16.30m ht to 17.30m ht. - curved surface	135.250	SQM	746.05		100903.26	
DATA	07ZF #	From 17.30m ht to 18.30m ht. curved surface	135.150	SQM	762.30		103024.85	
DATA	07ZG #	From 18.30m ht to 19.30m ht. curved surface	178.300	SQM	778.60		138824.38	
DATA	07ZH #	From 18.30m ht to 19.30m ht. plain surface	144.700	SQM	570.15		82500.71	
DATA	08 #	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete.	35.000	MT	8207.85		287274.75	
DATA	09 #	Providing vertical drops, fins, facias hand rails etc. for an over all thickness of 75mm with 1:2:4 cement concrete using 6mm gauge granite stone chips for 50mm thick inner core applied on chickenmesh and neatly plastered with cement mortar 1:4, 12mm thick on both faces, finishing, curing etc complete for RCC hand rails at the top of roof slab of the OHT. Rate to include cost of all materials and labour but excluding fabrication charges for reinforcement as per standard specifications. Cement & reinforcement steel will be issued free of cost at department stores.	38.000	SQM	483.00		18354.00	
DATA	10 #	Providing ventilator with musquito net as per the instructions of Engineer -	12.000	EACH	630.00		7560.00	

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CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		in - charge.						
DATA	11 #	Supplying and fixing of cut stone in cement mortar 1:3 in the compartments to protect the concrete as directed by the Engineer - in - charge.	2.000	EACH	157.50		315.00	
DATA	12 #	Plastering in Cement mortar 1:3, 10mm thick over RCC surface.	1510.000	SQM	65.45		98829.50	
TWAD-CADALU	13 #	Supplying and fixing of water level indicator as per standard specification and instructions of the engineer - in - charge.	2.000	EACH	10500.00		21000.00	
DATA	14 #	Refilling the foundation with the excavated earth and consolidating as per standard specification	300.000	CUM	12.80		3840.00	
CPWD P54	15	Transportation of excavated earth to the following distance including leading, loading, unloading levelling etc. complete					.00	
DATA	15A #	0-1 KM	25.000	CUM	73.64		1841.00	
DATA	15B #	1-2 KM	25.000	CUM	84.05		2101.25	
DATA	16	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design					.00	
DATA	16A #	With 20x20 mm square bar	52.000	EACH	216.50		11258.00	
DATA	17	Providing and fixing of RCC man hole cover of size 0.75m x 0.75m					.00	
DATA	17A #	Providing and laying in position, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including lifting 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	0.280	CUM	2439.60		683.09	

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ESTIMATE REF NO : CF/C/11/28

NAME OF WORK : CONSRUCTION OF RCC OVER HEAD TANK FOR 5.00 LAKH LITRE CAPACITY IN ZONE III OF BHEL TOWNSHIP AT RANIPET

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		per direction of Engineer-in-charge. M-30 grade reinforced cement concrete by using 400 kg. Of cement per cum of concrete. Cement will be issued at free of cost at BHEL store						
DATA	17B #	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete.	27.000	KG	8207.85		221611.95	
DATA	17C #	Steel centering for RCC works plane surfaces	2.160	SQM	586.40		1266.62	
TWAD-CUDALO	17D #	Supplying and fixing of lightening arrestors with GI flat and necessary accessories	1.000	SET	49446.60		49446.60	
TWAD-P34	18	Supply and delivery of the following sizes of C.I. pipes and specials confirming to relevant IS specifications.					.00	
DATA	18A #	250mm dia C.I. pipes - 108.50 R.M.	8875.300	KG.	59.85		531186.71	
DATA	18B #	250mm dia Flanges - 80 Nos.	960.000	KG.	59.85		57456.00	
DATA	18C #	250mm dia C.I. Duck foot bend - 5 Nos.	555.000	KG.	59.85		33216.75	
DATA	18D #	90degree bend - 4 Nos.	248.000	KG.	59.85		14842.80	
DATA	18E #	Sluice valve	3.000	NO	19544.70		58634.10	
DATA	18F #	Bell mouth - 6 Nos.	186.000	KG.	59.85		11132.10	
DATA	18G #	Slotted pipes - 6.75m	593.050	KG.	59.85		35494.04	
DATA	18H #	250 x 1.50 AFT Equal TEE - 5 Nos.	545.000	KG.	59.85		32618.25	
DATA	18I #	150mm dia C.I. pipes	638.560	KG.	58.80		37547.33	
DATA	18J #	250 x 150 D/F Tapper - 2	88.000	KG.	59.85		5266.80	
TWAD-P208	19	Earth work excavation for laying (Horizontal) of the following size of C.I. pipes in all kinds of soil					.00	
DATA	19A #	For 250mm dia pipes	10.000	RM	87.55		875.50	
DATA	19B #	for 150mm dia pipes	19.000	RM	72.05		1368.95	

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CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
DATA	20	Lowering of C.I. / D.I. pipes & Specials in trenches and laying to proper grade and alignment and as directed by the Engineer - in - charge.						.00
DATA	20A #	for 250mm dia C.I. pipes and specials	10.000	RM	19.95			199.50
DATA	20B #	for 150mm dia C.I. pipes & Specials for scour arrangements	19.000	RM	12.60			239.40
DATA	21	Jointing the C.I. / D.I. double flanged pipes and specials with rubber insertion to the required specifications with M.S. bolts and nuts, complete and testing the pipes to the required pressure with water (including cost of jointing materials)						.00
DATA	21A #	for 250mm dia C.I. D/F joints	50.000	RM	317.10			15855.00
DATA	21B #	for 150mm dia C.I. D/F joints	50.000	RM	201.60			10080.00
DATA	22 #	Jointing the C.I. / D.I. / S/S pipes and specials with neat cement or cement mortar and spun yarn including caulking the joints curing and testing to the required pressure with water (including cost of jointing materials). 250mm dia joints	124.000	RM	142.80			17707.20
DATA	23	Refilling the pipe line trenches of following C.I. Pipes & Specials after the pipes are laid and tested.						.00
DATA	23A #	250mm dia pipes	10.000	RM	11.55			115.50
DATA	23B #	150mm dia pipes	19.000	RM	9.80			186.20
DATA	24 #	Constructing masonry Chamber 120x120x100 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm. top diameter, 160 mm bottom diameter and 180 mm deep ( inside) with chained lid and RCC top slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal	5.000	NO	10006.50			50032.50

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BOILER AUXILIARIES PLANT

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## PRICE BID

ESTIMATE REF NO : CF/C/11/28

NAME OF WORK : CONSRUCTION OF RCC OVER HEAD TANK FOR 5.00 LAKH LITRE CAPACITY IN ZONE III OF BHEL TOWNSHIP AT RANIPET

CPWD 2007 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design: With F.P.S. bricks Cement will be issued free of cost at BHEL stores						
DATA	25	Lifting and positioning of C.I. / G.I. pipes in vertical direction for pipe connection to the SR with hoisting.						.00
DATA	25A #	Up to 2m ht above GL	1.970	MT	958.65			1888.54
DATA	25B #	Above 2m to 4m ht from GL	1.150	MT	1443.75			1660.31
DATA	25C #	Above 4m to 6m ht	1.150	MT	2263.80			2603.37
DATA	25D #	Above 6m to 8m ht	1.150	MT	3130.05			3599.56
DATA	25E #	Above 8m to 10m ht	1.150	MT	3996.30			4595.75
DATA	25F #	Above 10m to 12m ht	1.150	MT	4851.00			5578.65
DATA	25G #	Above 12m to 14m ht	1.150	MT	5740.35			6601.40
DATA	25H #	Above 14m to 16m ht	0.900	MT	6537.30			5883.57
DATA	25I #	Above 16m to 18m ht	0.660	MT	7403.55			4886.34
DATA	25J #	Above 18m to 20m ht	2.010	MT	8269.80			16622.30
DATA	26 #	Providing spiral stair case with pre- cast steps as per TWAD specification and Instruction of Engineer - in - charge.	19.300	RM	2356.60			45482.38
CPWD 13.46	27 #	Finishing walls with Acrylic smooth exterior paint of required shade: New work (two or more coats applied @ 1.67 ltr / 10 Sq.m. over and including base coat of water proofing cement paint applied @ 2.20 kg / 10 Sq.m.)	1142.000	SQM	75.10			85764.20

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**PRICE BID**

**ESTIMATE REF NO : CF/C/11/28**  
**NAME OF WORK : CONSRUCTION OF RCC OVER HEAD TANK FOR 5.00 LAKH LITRE CAPACITY IN ZONE III OF BHEL TOWNSHIP AT RANIPET**

# Escalation is not applicable for this Item Sl. No.

**CONTRACTOR/ TENDERER**

**ACCEPTING OFFICER**



# BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

## PRICE BID

ESTIMATE REF NO : CF/C/11/28

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		TOTAL ESTIMATED VALUE BEFORE ESCALATION	4734321.34	
		**ESCALATION @	%	0.00
		TOTAL ESTIMATED VALUE (A)	4734321.34	
CONTRACTOR TENDER PERCENTAGE @	ABOVE	<input type="checkbox"/>		
	BELOW	<input type="checkbox"/>		
	AT PAR	<input type="checkbox"/>	_____ %	(B) <input type="text"/> <input type="checkbox"/>
(Percentage in words			)	
	SUB TOTAL	if above (A) + (B)	(C) <input type="text"/>	<input type="checkbox"/>
		if below (A) - (B)	(C) <input type="text"/>	<input type="checkbox"/>
		if at par (A)	(C) <input type="text"/>	<input type="checkbox"/>
		*SERVICE TAX @ _____ %	(D) <input type="text"/>	<input type="checkbox"/>
SERVICE HEAD :	_____			
	TOTAL VALUE OF WORK	[ (C) + (D) ]	(E) <input type="text"/>	<input type="checkbox"/>
			)	

(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.
  - 6) Free Issue of Material by BHEL is Rs. **0.00** /-
  - \*\*7) Escalation not included for item sl no. marked with # symbol.

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BOILER AUXILIARIES PLANT

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### PRICE BID

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NAME OF WORK : CONSRUCTION OF RCC OVER HEAD TANK FOR 5.00 LAKH LITRE CAPACITY IN ZONE III OF BHEL TOWNSHIP AT RANIPET

### SPECIAL CONDITION

- 1 i) Rates quoted SHALL INCLUDE ALL royalties, terminal taxes, octroi, duties, central and provincial excise tax, sales tax / VAT and other taxes levied under the State or Central Government Rules including applicable service tax for this work.  
ii) BHEL will reimburse the service tax to the contractor, subject to service tax invoice as per Law. While quoting , the Tenderer should take in to account the implication of service tax on the Value of Free issue materials supplied by BHEL which will work out to Rs. 21.94 lakhs.  
iii) Service Tax at applicable percentage shall be quoted by tenderers.  
iv) 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.  
Vendors should take care of the financial implication on account of service tax on free issue material.
- 2 The L1 will be decided based on the lowest cost to BHEL.  
Applicable Service tax is inclusive in the quoted price and proof for payment of service tax shall be enclosed for releasing the payments.  
Quote without applicable service tax % is liable for rejection.
- 3 The tenderer shall quote a percentage above or below or at par, the rates shown in the Bill of Quantities based on TWAD Standard Schedule of Rates 2011-12, CPWD DSR 2007 with Necessary escalation, PWD 2011-12 , MES 2010 & local market rate wherever applicable. The percentage quoted shall be clearly written both in words and figures. The contractor should accustom with TWAD Standard Specification / CPWD DSR Specifications before quoting. The quoted percentage will apply to the individual items uniformly .  
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.
- 4 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."  
Tenderers are requested to take transit insurance for the material to be supplied at site at their own cost.
- 5 The tenderer shall use safety net under neath the Over head tank base in order to prevent falling of any materials and safety to the workmen. Special care to be taken to complete the work without any interference to neighbouring contractor. Nylon double sheathed safety net should be used at the bottom of roof.
- 6 The tenderer shall quote inclusive of PF & ESI contribution to their workers.
- 7 **CONTRACT CONDITIONS ON TAXES & DUTIES**  
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)  
b. Service Tax shall be paid by the service provider namely the Tenderer.  
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.
- 8 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.

CONTRACTOR/ TENDERER

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Any modification theron 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.

9 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 statue 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 borne by the vendor only.

10 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.

11 The contractor has to make their own arrangement for the required power supply for the execution of work. However BHEL will arrange for getting the temporary service connection if required.

12 Safety precautions should be taken while doing the work for working at height.

13 All materials shall confirm to the latest IS/International specifications

14 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.

15 All the rates shall inclusive of scaffolding charges ,sundries & contingencies ,carriage of materials etc., complete.

16 All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.

17 The General conditions of contract in force shall apply to this contract.

18 Since TIME is essance of the contract, LD is applicable as per the General Conditions of contract.

19 "The Tenderer shall exercise at most care and diligence while handling the free issue materials.

20 If the free issue materials are damaged / lost by the tenderer , the cost of the same will be recovered at punitive rates Cement, Reinforcement steel & structural steel will be issued free of cost for theoritical consumption. Recovery will be made up to 5% over and above the theoritical consumption at a recovery rate as specified else where in the document, beyond which penal recovery will be effected at double the rates specified.

CONTRACTOR/ TENDERER

ACCEPTING OFFICER