

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

**TENDER DOCUMENT (QUALIFICATION BID)**

**Name of work** : **Maintenance of Water supply & Plumbing works at BHEL Township,Trichy**

**Value of work** : **Rs.45 Lakhs + Applicable GST**

**Tender Schedule No.** : **CT:TS:020/19-20**

**Period of Contract** : **12 (Twelve) Months**

**Tender evaluation cost** : **Rs. 18 Lakhs**

**EMD** : **Rs. 36000/- (Rupees Thirty Six Thousand only)**

**Issued to** :

  

**Date of Notification** : **27.08.2019**

**Last Date for Receipt of Tender** : **17.09.2019 at 10.00 hrs**

**NORMS FOR QUALIFICATION FOR THIS TENDER**  
**CHECK LIST - TO BE FILLED BY CONTRACTOR COMPULSORILY**

S.No	Description	Details ( Tick Appropriate)	Remarks
1	Contractor Details	Filled <input type="checkbox"/> / Not Filled <input type="checkbox"/>	Refer Page No 3
2	Reverse Auction Contact Details	Filled <input type="checkbox"/> / Not Filled <input type="checkbox"/>	Refer Page No 4
3	EMD (EMD is not waived off for SME/NSIC/SSI/MSME vendors for this tender)	Enclosed <input type="checkbox"/> / Not Enclosed <input type="checkbox"/>	
4	PAN	Enclosed <input type="checkbox"/> / Not Enclosed <input type="checkbox"/>	
5	GST	Enclosed <input type="checkbox"/> / Not Enclosed <input type="checkbox"/>	
6	ESI	Enclosed <input type="checkbox"/> / Not Enclosed <input type="checkbox"/>	For declaration refer page 5
7	PF	Enclosed <input type="checkbox"/> / Not Enclosed <input type="checkbox"/>	For declaration refer page 5
8	IT Return for the last three years 3 years, ending 31st March of the previous financial year (2015-16,2016-17,2017-18)	Enclosed <input type="checkbox"/> / Not Enclosed <input type="checkbox"/>	
9	<p>Experience of having successfully completed similar works during last 7 (Seven) years ending last day of month previous to the one in which applications are invited should be either of the following</p> <p>I. Three similar completed works costing not less than the amount equal to 40% of the tender evaluation cost. (or)</p> <p>II. Two similar completed works costing not less than the amount equal to 50% of the tender evaluation cost. (or)</p> <p>III. One similar completed work costing not less than the amount equal to 80% of the tender evaluation cost.</p> <p><b>Similar Work means Any Water supply Oriented work/ Pipeline work / Civil works like RCC foundations, Residential and Non-Residential Buildings, RCC water tanks etc., Maintenance works like Maintenance of Industrial Buildings, residential Quarters etc.</b></p>	Enclosed <input type="checkbox"/> / Not Enclosed <input type="checkbox"/>	
10	<p>Acceptance Clause :</p> <p>We have read all the terms and conditions, noted the job content &amp; site conditions.</p> <p>We have quoted our offer by taking care of unit of measurement given in the Bill of quantities against individual items</p> <p>We have not taken any deviation from tender clauses as enumerated in the tender and we hereby convey our unqualified acceptance to all terms and conditions as stipulated in the tender. In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null &amp; void.</p> <p>We confirm to have submitted our offer strictly in accordance with tender instructions.</p>	Accepted <input type="checkbox"/> / Not Accepted <input type="checkbox"/>	

At the time of submitting offer, if any vendors does not have ESI, EPF NO the vendor should produce a declaration (page 5 below) stating that ESI and PF registration will be submitted before placing of Work order / Commencement of Work.

**Contractor Profile details - TO BE FILLED BY CONTRACTOR**

1.	Name of the Agency /Company /vendor.	
2.	Address:	
3.	Phone No.:	
4.	E-mail Address:	
5.	Name and Contact details of person for communication related to Tender	
6.	BHEL Vendor Code ( If any )	

REVERSE AUCTION CONTACT DETAILS - TO BE FILLED BY CONTRACTOR

BHEL reserves the right to go for Reverse Auction (RA )instead of opening the sealed envelope price bid/s, submitted by the bidder. More details given under 'SPECIAL TERMS & CONDITIONS OF CONTRACT'

For this purpose, the following details should be furnished **without fail, along with the offer.**

Name of work : **Maintenance of Water supply & Plumbing works at BHEL Township,Trichy**

Tender Schedule No. **CT:TS:020/19-20**

<b>Name of the contact person assigned for Reverse auction</b>	
<b>Mobile &amp; Land line Number</b>	
<b>E-mail id</b>	
<b>FAX No.(if available)</b>	

FORMAT FOR EPF & ESI DECLARATION ( **To be given in Vendors Letter head** if not possessing EPF/ESI/Both (EPF&ESI) at the time of submission of the tender)

To:  
DGM / CIVIL / Planning & Designs  
53 Building, Ground Floor,BHEL,Trichy

Sir,  
Sub: Declaration of EPF& ESI Submission –Reg

At this time of submission of this tender -----(Tender Schedule No) I/We, -----(Company Name) am / are not possessing the EPF / ESI / Both (EPF & ESI). I hereby declare that I will submit the EPF / ESI / Both (EPF&ESI) registration copy before placing of Work order / Commencement of Work. I / we am/are also aware that payment for work done will not be processed by BHEL without submission of EPF&ESI data paid to my / our employees engaged to the corresponding BHEL contract.

Thanking you,

Yours Truly,  
For and On behalf of,

Company name & seal

Date:

Place:

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI – 620 014  
CIVIL ENGINEERING DEPARTMENT**

BHE: DGM: C: P:

Dt. 27.08.2019

To

**The Tenderer**

**Dear Sirs,**

Sub: **Maintenance of Water supply & Plumbing works at BHEL Township, Trichy**

Ref: Tender Schedule No. **CT:TS:020/19-20**

\*\*\*\*\*

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

**SEALED TENDERS for the above work are hereby invited from contractors experienced in works of similar kind and magnitude etc. TENDERS must be submitted in sealed cover consisting of 3 (THREE) inner sealed covers all super scribing the name of work, tender ref no etc.**

**COVER- 1-EMD**

**SHOULD CONTAIN EMD = Rs. 36000/- (Rupees Thirty Six Thousand **only**)**

**NOTE: - EMD waiver not applicable for MSE/NSIC/SSI vendors for this tender)**

**(Hence, vendors should furnish EMD of specified amount without which their bids will not be considered)**

**COVER 2- TECHNICAL BID**

**Qualification Bid along** with CIVIL General & Special conditions of Contract(Pages 1 to 67) and Standard Conditions of Contract (Pages 1 to 40)

**COVER 3- PRICE BID**

**Price Bid alone to be submitted.**

- 1) **EMD cover shall contain requisite EMD Rs. 36000/- (Rupees Thirty Six Thousand **only**) in the form of DD. Tender without EMD will be summarily rejected. (EMD is not waived off for SME/NSIC/SSI/MSME vendors for this tender) All Demand Draft shall be drawn in favour of BHEL, Trichy payable at Tiruchirappalli.**
- 2) Qualification bid cover shall contain duly filled in qualification bid document signed by the tenderer in all the pages with documentary evidences for pre-qualification such as experience, value of work executed in the similar nature of work, etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.
- 3) The Price Bid cover shall contain price bid document duly filled in and signed by the tenderer in all the pages. The tenderer has to quote most competitive rate in Percentage Below (100-X) % / At par (100%) / Above (100+X) % of the rates provided in Bill of Quantities appended **from Page 03 of Price bid.**

CONTRACTOR

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ACCEPTING OFFICER

**(Important Note: One time EMD is no more applicable for tender, as per recent corporate guidelines. Hence tenderers who had previously remitted one time EMD, shall have to necessarily take EMD of specified amount mentioned for this tender)**

The completed qualification bid and price bid along with requisite EMD of **Rs. 36000/- (Rupees Thirty Six Thousand only)** shall reach the office of the undersigned on or before **17.09.2019 at 10.00 hrs.** EMD in any other form will not be accepted. The qualification bid will be opened on the **same day at 10.00 Hrs.** In case of opening day falls on holiday or happened to be declared as a holiday, the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid or the details of reverse auction if any shall be intimated only to the bidders those who have qualified after evaluation of the qualification bid. You / your authorized representative may participate in the tender opening with authorization letter for Tender opening.

The tenderers who are desirous of sending their tender documents through your authorized representative / by post / by courier are advised to send the same well in advance so as to reach the office of **DGM / Civil / Planning, Design & QC (F&T),Bldg.53, BHEL, Trichy-620014, Tamil Nadu** on or before **17.09.2019 at 10.00 hrs.**

Clarification if any, can be obtained contacting following email, [ravindran.p@bhel.in](mailto:ravindran.p@bhel.in) / [sundaresan@bhel.in](mailto:sundaresan@bhel.in) / [akila@bhel.in](mailto:akila@bhel.in) ,phone No. 0431 -2578579/257 1937/257 1214 Fax No. : 0431 – 2520710.

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

Thanking you,

Encl: E Format **(Electronic fund transfer format to be compulsorily filled and submitted along with an original canceled check leaf)**

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

**DGM / Civil/ Planning,Design & Qc  
BUILDING No.53,Ground floor**

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI – 620 014  
CIVIL ENGINEERING DEPARTMENT (FACTORY)**

**TENDER CONDITION**

1. The scope of work **Maintenance of Water supply & Plumbing works at BHEL Township, Trichy**
2. The contractor is required to carry out construction activities as directed by the department officials. It is required to engage certain minimum strength of staff for effective supervision of works.
3. In addition, Quantity surveyors have to be engaged to prepare measurements and submit the bills.
4. Minimum wage



BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI – 14  
HUMAN RESOURCE MANAGEMENT

Ref No. TP:HR: Contract Cell: MW

Date: 28/03/2019

**CIRCULAR**

To

**All Contract Awarding/Executing Executives**

**Sub:** Minimum Wages Act, 1948 – Revision of Dearness Allowance for in employment in “General Engineering and Fabrication Industry – Reg.

**Ref:** Notification No.Z3/7657/2019 dated 18/03/2019 by Office of the Commissioner of Labour, Chennai – 600 006.

Consequent upon the increase in Dearness Allowance payable under the Minimum Wages Act from Rs.4235/- to **Rs.4574/-** per month to those employed in “General Engineering and Fabrication Industry”, the Statutory Minimum Wages applicable to the contract workmen would be as follows with effect from 01/04/2019:

S No	Category	Minimum Basic Wages per day	Minimum DA per day*	Total Minimum Wages per day
1	Unskilled Worker	Rs.258.50	Rs.176.00	Rs.434.50
2	Semi-Skilled Worker	Rs.271.00	Rs.176.00	Rs.447.00
3	Skilled Worker	Rs.278.50	Rs.176.00	Rs.454.50
4	Supervisor**	Rs.295.00	Rs.176.00	Rs.471.00

Note: (calculation)

\*Minimum DA per day (Rs.4574/26) = 175.92, which is rounded off to Rs.176/-

\*\*For Supervisors, minimum Basic Wages per day (Rs.7660/26) = 294.61, which is rounded off to Rs.295/-

All Contract Awarding / Executing Executives are requested to ensure that the contractors make payment of wages to their workers not less than the above Statutory Minimum Wages along with BHEL Additional Wages as stipulated in the respective work order.

Sr. Manager (HR-Law&Cont. Cell)

CC:

All HR Executives  
DGM/HR & Admn /PC/Chennai  
DGM/HR/PPPU/Thirumayam  
AGM/Finance  
GM/WCM & MM  
GM/Finance  
GM/HR&Medical

CONTRACTOR

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ACCEPTING OFFICER

**Split and Award conditions for maximum of 4 Contractors.**

This tender works will be awarded to maximum of four contractors only and the condition of distribution will be as per the table given below. Whenever, the numbers of qualified responses(N) are three or more, the distribution shall be limited to (N-1) qualified responses and each accepting to L1 rate. The offer to Tenderers to accept L1 rate will be in the order of the value Quoted by them, Lower to Higher, i.e. L2, L3, L4, etc.

Counter-offering split ratio in case of maximum 4 Contractors (including L1)							
No. of L1 vendors	No. of Counter-offer accepted L2 vendors	No. of Counter-offer accepted L3 vendors	No. of Counter-offer accepted L4 vendors	Splitting Ratio			
1	1	1	1	L1:L2:L3:L4	::	40:30:20:10	
			0	L1:L2:L3	::	50:30:20	
		2	NA	L1:L2:L3:L3	::	40:30:15:15	
		0		L1:L2	::	60:40	
	2	1		L1:L2:L2:L3	::	40:25:25:10	
		0		L1:L2:L2	::	40:30:30	
	3	NA		L1:L2:L2:L2	::	40:20:20:20	
	0			L1	::	100	
	2	1		1	L1:L1:L2:L3	::	30:30:23:17
				0	L1:L1:L2	::	40:40:20
2		0		L1:L1:L2:L2	::	30:30:20:20	
0		NA		L1:L1	::	50:50	
3	1		L1:L1:L1:L2	::	30:30:30:10		
	0		L1:L1:L1	::	Equally split to all L1		
4	NA			L1:L1:L1:L1		25:25:25:25	

Note: In the table above, L2, L3, ... refers to the next lowest bidder accepting L1 rate. The initial work order to the contractors will be issued in such a way that any outstanding work on contractor does not exceed 40%, 30%, 20% & 10% of Tender value for L1, L2, L3 & L4, respectively. In case of non-performance, within stipulated time, for reasons other than BHEL, the work split may be altered, to other performing vendors. In case of tie in the rates quoted by the tenderers and if there is a requirement to break the tie in order to limit the number of contractors as per the terms given in Para 1 above, then the same will be decided based on Lot system, either in the presence of available Tenderers at the time of price bid opening or by giving 48 hours prior information to the Tenderer.



221-038

**BHARAT HEAVY ELECTRICALS LIMITED**  
(A Government of India Undertaking )  
Unit : TIRUVERUMBUR, BOILER PROJECT, P.O.  
TIRUCHIRAPALLI - 620 014.

**CIVIL ENGINEERING DEPARTMENT**

**NOTICE INVITING TENDER**

01. Name of work : **Maintenance of Water supply & Plumbing works at BHEL Township, Trichy**
02. Estimated Cost : **Rs.45 Lakhs + Applicable GST**
03. Tender evaluation cost : **Rs. 18 Lakhs**
04. Earnest Money Deposit : **Rs. 36000/- (Rupees Thirty Six Thousand only)**
05. Completion Time : **12 (Twelve) Months** ( From the date of commencement of the work which will be reckoned from the date of handing over to the Contractor )
06. Last Date for Receipt of Tenders : **17.09.2019 at 10.00 hrs**
07. Date of Tender Opening : **17.09.2019 at 10.00 hrs**
08. Maintenance Period : **6 (Six Months from the date of actual completion of the entire work and handing over to Bharat Heavy Electricals Limited)**

Issued to Messrs. / Thiru :

***ISSUING OFFICER***

CONTRACTOR

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ACCEPTING OFFICER

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

**AUTHORITY TO TENDER**

Office of the

**DGM/CIVIL/PLANNING,DESIGN & QC  
BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHY – 14.**

Tender Schedule No.**CT:TS:020/19-20**

~~Lumpsum~~ /Percentage rate / ~~Item rate~~ tender for works required in **Maintenance of Water supply & Plumbing works at BHEL Township,Trichy**

**Messrs.** ..... ‘are / is hereby authorized to tender for the above work. The Tender is to be delivered at the Office of the **DGM/CIVIL/PLANNING,DESIGN & QC, 53 Building Ground floor** Bharat Heavy Electricals Limited, Thiruverumbur, Tiruchirappalli – 620 014, **17.09.2019 at 10.00 hrs** –addressed to the **DGM/CIVIL/PLANNING,DESIGN & QC,Building No.53 Ground floor**, BHEL. Tiruverumbur, Tiruchirapalli – 620 014 super scribing 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**

Contract Agreement No.....

**SCHEDULE 'A'**

**LIST OF WORKS AND PRICES**

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

**BILL OF QUANTITIES**

Sl. No.	Appx. Qty.	Description of work	TNBP No.	Rate (Both in Unit fig & Words	Amount Rs.	Ps.
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**AS PER SEPARATE SHEETS ATTACHED SHEETS IN  
PRICE BID**

**'SCHEDULE B'**

1. The following materials will be issued FREE of cost to contractor at BHEL Stores / Stock yard if specified in the BOQ and specifications.

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

2. It will be the responsibility of the Contractor to submit his demands for the above stores in writing atleast seven days in advance of the actual requirement.
3. Issue of Stores is subject of the availability at the place of issue cited above, items of stores to be issued by BHEL which are not available at the time of indenting by the contractor may be supplied by BHEL after necessary procurement. The contractor shall not be entitled to any claim of compensation for delay in the supply of stores by BHEL under any circumstances.
4. The materials will be issued only during the working hours of the BHEL Stores Department ( 8.00 a.m. to 4.30 p.m. ). Contractor shall have to transport them to the site of work at his own cost as soon as they are issued to him.
5. The steel materials if issued will be in random lengths and sizes as stocked by the BHEL and the cost of all cutting, conversion, substitution and fabrication as well as wastage shall have to be borne by the Contractor.
6. The contractor shall from time to time render proper account of all materials issued to him by BHEL. If he fails to do so, no further issue of materials will be made to him and he will be held responsible for any delay in the execution of the work which may occur on this account.
7. Where A.C. Sheets and accessories, Doors, Windows, Sanitary fittings, Special glasses or other items are issued free of cost to the contractor, the contractor will have to make good at his own cost any loss or damage to any part or whole of the items issued to him as above. All wastage within the premises limits as fixed by BHEL will be charged for at the prescribed issued rates of BHEL. Excess wastage will be charged for at punitive rates which will be 100% higher than the issue rates.
8. All surplus materials in good condition which are not returned to the BHEL Stores as also quantities of materials consumed in excess of the max. permissible limit as fixed by BHEL shall be charged for at punitive rates.  
The decision of the Senior Engineer / Dy. Manager / Manager as to the extent to which materials have been rendered surplus or consumed in excess of the actual requirements shall be final and conclusive and binding on the contractor.

**SCHEDULE 'C'**

**ISSUE OF TOOLS AND PLANTS TO CONTRACTORS**

Sl.No.	Qty.	Particulars	Details of Hire	Charges	Place of Issue	of	Remarks
			BHEL Crew Supplied	Per unit Per Day			

.....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.

**SCHEDULE 'D'**

NOTE : All Drawings are to be signed by the Contractor as well as the officer entering into contract.

SL.No.	DRAWING NUMBER	DESCRIPTION
1	NIL	

**SCHEDULE 'E'**  
**LEAD STATEMENT**

Sl.No.	Name of Material	Name of Source	Lead Particulars both for Factory and Township
1	Cement	BHEL STORES or Stock yard	2 Kilometre
2	M.S Rounds, C.T.D Bars,Rail& Structural Steel	BHEL STORES or Stock yard	2 Kilometre

**TENDER**

To

**DGM/CIVIL/PLANNING,DESIGN & QC**

Bharat Heavy Electricals Limited

Unit : Tiruverumbur

TIRUCHIRAPPALLI – 620 014.

I / We hereby offer to carry out the tendered work.

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

1. Specifications (General & Particular )
2. Drawings IF ANY
3. Schedule ‘A’, ‘B’, ‘C’, ‘D’ & ‘E’ and Bill of Quantities attached hereto.
4. Schedule or rates
5. 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 & condition contained or referred therein and as detailed in Schedule ‘A’ and Bill of Quantities annexure thereto an to carry out such deviations as may be ordered, vide conditions 6 of the BHEL Ltd., General Conditions of Contract upto a maximum of 20% of the tendered 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 sold 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' and Bill of quantities annexed thereto	Rs.
2.	Provisional sum	Rs.
	Total	..... Rs. .....

Rupees.....  
.....

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

( in block letters )

Date : \_\_\_\_\_ SIGNATURE OF CONTRACTOR

Witness : \_\_\_\_\_ Postal Address :

1..... Telephone No.  
Address

2.....  
Address

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

..... 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 me )

The above tender is accepted by me on behalf of the Bharat Heavy Electricals Limited, Unit  
Thriuverumbur, Tiruchirappalli – 620 014. for a sum of Rs.. .....  
.....  
.....

at the item rates as indicated in the Bill of Quantities attached to Schedule 'A'.

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

Designation .....

