

TENDER DOCUMENT

TENDER SPECIFICATION No : **BAP:CTS:OT:03/2014-15 Dt: 06/01/2015**

NAME OF WORK:

MAINTENANCE CONTRACT FOR PLUMBING, BLOCKAGE REMOVAL AND WATER DISTRIBUTION FROM OVER HEAD TANK (OHT) IN TOWNSHIP FOR ONE YEAR PERIOD (14.02.2015 TO 13.02.2016)

PERIOD OF CONTRACT:

ONE YEAR

PART – II – PRICE BID

(Pages **08** including cover page)



CIVIL TOWNSHIP DEPARTMENT
BHARAT HEAVY ELECTRICALS LIMITED
(A Government of India Undertaking)
BOILER AUXILIARIES PLANT
INDIRA GANDHI INDUSTRIAL COMPLEX
RANIPET – 632 406

TENDERER

ACCEPTING OFFICER



BHARAT HEAVY ELECTRICALS LIMITED

BOILER AUXILIARIES PLANT

RANIPET - 632406

PRICE BID

ESTIMATE REF NO : CTS/RB/10/14

NAME OF WORK : MAINTENANCE CONTRACT FOR PLUMBING, BLOCKAGE REMOVAL AND WATER DISTRIBUTION FROM OVER HEAD TANK (OHT) IN TOWNSHIP FOR ONE YEAR PERIOD (14.02.2015 TO 13.02.2016).

CPWD 2013 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
DATA	01A #	PLUMBING WORKS: REPAIRING THE FOLLOWING EXISTING ALL WATER SUPPLY AND DRAINAGE LINE INCLUDING ALL SANITARY FITTINGS IN VARIOUS QUARTERS AND PUBLIC BUILDINGS IN TOWNSHIP AS PER INSTRUCTIONS OF ENGINEER-IN-CHARGE AND AS PER STANDARD SPECIFICATION. THE RATE INCLUDES LABOUR PAYMENT, ALL CONVEYANCE, COST OF TOOLS AND TACKLES LIKE BAMBOO LADDERS, POWERED HAND DRILLING MACHINE, SCREW DRIVERS, SPANNERS. CUTTING PLAYER PIPE WRENCH, HACKSAW FRAME WITH BLADE, HAMMER, DIE SET, PIPE JUMPER, JUMPER HOLD WITH BIT AND OTHER REQUIRED TOOLS AND CONSUMABLE LIKE GI CLAMP, SOLVENT CEMENT, COTTON THREAD, TUPLAN TAPE, SHEELOK COTTON WASTE, EMERAY SHEET, PLUG WOOD, SCREWS BUT EXCLUDING COST OF PVC/GI PIPES AND SPECIALS, AND OTHER REQUIRED SANITARY FITTINGS LIKE, WASHERS, TAPS, WASTE PIPES, CONNECTING PIPE, WASTE COUPLING WASH BASIN, URINALS, FLUSHING SYSTEM, ETC WHICH WILL BE ISSUED FROM TOWNSHIP CIVIL STORES ON FREE OF COST. REMOVING & REFIXING OF GI/PVC PIPE LINE WORK.	250.000	EACH	140.56	35140.00
DATA	01B #	OVER HEAD TANK OVER FLOW	750.000	EACH	94.88	71160.00
DATA	01C #	FLUSH OUT TANK OVER FLOW	575.000	EACH	115.96	66677.00
DATA	01D #	WASH BASIN TAP LEAKAGE	910.000	EACH	94.88	86340.80
DATA	01E #	1/2" BRASS TAP LEAKAGE	1600.000	EACH	70.28	112448.00
DATA	01F #	CONNECTING PIPE,WASTE COUPLING & WASTE PIPE	245.000	EACH	94.88	23245.60
DATA	01G #	urinals, wash basin	105.000	EACH	418.16	43906.80
DATA	01H #	OTHER THAN THE ABOVE PLUMBING COMPLAINTS	2100.000	EACH	94.88	199248.00
DATA	02 #	ATTENDING, CLEARING OF ALL TYPE OF BLOCKAGES IN QTRS AND PUBLIC BUILDINGS OF ALL HEIGHTS IN WASH BASIN. KITCHEN	2200.000	EACH	179.77	395494.00

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CPWD 2013 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT	
					RS	P	RS	P
		<p>SINK, WASTE COUPLING AND WASTE PIPE OF BATHROOM/TOILET OUT LETS AC/PVC/SW PIPE OF ANY DIAMETER, COLLECTION CHAMBERS, COMMON CHAMBERS, MAIN/INTERMEDIATE SEWER LINES ALL MAN HOLE/CHAMBERS UPTO OXIDATION POND WITH USING REQD. SEWER CLEANING ROD, TOOL & TACKLES LIKE CROW BAR, BAMBOO LADDER, HAMMER, WRENCH, SPANNER, ROPES, BUCKETS, SPADE, ETC. RATE TO INCLUDES IDENTIFY THE BLOCKAGE, REMOVAL OF PRECAST CONCRETE/CI COVERS, AC/PVC PIPE DOORS, WASTE PIPES OF SINK/ WASH BASIN & EARTH WORK EXCAVATION, BREAKING OF PIPE, MAKING HOLE IN THE PIPE, REMOVAL OF ROOTS/BLOKAGES & DOING PATCH WORK TO CLOSE THE HOLES OF PIPE, REFIXING OF DOORS/ COVER SLABS, WASTE PIPES, REFILLING OF EARTH , CLEARING & DUMPING UNWANTED MATERIAL AWAY FROM THE SITE OF WORK TO OPEN AREA AS PER THE INSTRUCTION OF ENGR. IN CHARGE. RATE INCLUDE ALL LABOUR CHARGES TOOLS & TACKLES COLLECTION OF COMPLAINT ETC. COMPLETE.</p>						
DATA	03 #	<p>OPERATION AND MAINTENANCE OF TOWNSHIP OVERHEAD TANK (5 LAKH LITRES) WATER DISTRIBUTION WORK AND OTHER WORKS ARE AS FOLLOWS.</p> <p>OPENING & CLOSING OF ALL TYPE OF GATE VALVES FOR WATER DISTRIBUTION TO TYPE A,B,C,D,ETH AND OTHER PUBLIC BUILDINGS.</p> <p>THE GATE VALVES SHOULD BE PROVIDED PACKING ROPE WHENEVER REQUIRED, RECTIFYING/REPLACING OF SPINDLE RODS, CHECK NUT AND SCREW, ETC FOR SMOOTH OPERATION.</p> <p>TO IDENTIFY THE OVERFLOWES IN THE QUARTERS & PUBLIC BUILDINGS AND TO BE INFORMED TO COMPLAINT SECTION FOR ATTENDING.</p> <p>WHEEL VALVE OPENING AND CLOSING FOR PULIYANTHANGAL VILLAGE GATE.</p>	12.000	MONTH	49437.00		593244.00	

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CPWD 2013 REF	SLNO	DESCRIPTION	QTY	UNIT	RATE RS P	AMOUNT RS P
		OPERATING OF ELECTRIC MORTOR PUMPSET FOR SUPPLYING OF WELL WATER FOR HORTICULTURE PURPOSES. MAINTAINING OF LOG SHEET FOR OHT WATER RELEASING & OHT LEVEL DETAILS , ETC.				
DATA	04 #	OPERATION AND MAINTENANCE OF TOWNSHIP NEW WATER TANK, WATER DISTRIBUTION WORK AND OTHER WORKS AS FOLLOWS. A)OPENING & CLOSING OF ALL TYPE OF GATE VALVES & PUMP FOR WATER DISTRIBUTION TO / FROM NEW OVER HEAD TANK IN TOWNSHIP. B) WATER LINE MAINTENANCE FOR NEW OVER HEAD TANK,NEW TOWNSHIP EXTENDED WATER LINE & PUMPING MAIN FROM RESERVOIR. C)OPERATION OF RAILWAY STATION WELL PUMP & VALVES. D)OPERATIONS OF ALL RELATED PUMPS & VALVES IN RESERVOIR FOR ALL THE ABOVE WORKS. ETC., COMPLETE AS PER THE INSTRUCTION OF ENGINEER IN CHARGE.	12.000	MONTH	34830.00	417960.00

Escalation is not applicable for this Item Sl. No.

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TOTAL ESTIMATED VALUE BEFORE ESCALATION		2044864.20
**ESCALATION @		%
		0.00
TOTAL ESTIMATED VALUE (A)		2044864.20
CONTRACTOR TENDER PERCENTAGE @	ABOVE <input type="checkbox"/>	
	BELOW <input type="checkbox"/>	
	AT PAR <input type="checkbox"/>	_____ % (B) <input type="text"/>
(Percentage in words)		
SUB TOTAL	<input type="checkbox"/> 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"/>
SERVICE HEAD :	_____	
<input type="checkbox"/> TOTAL VALUE OF WORK [(C) + (D)]		(E) <input type="text"/>
(Rupees in words)		

NOTE :

- 1) Tick whichever is applicable. In case of omission in Ticking, figures indicated in the amount column will be considered.
- 2) Boxes 1,2,3 any one box is to be ticked as per quote. Boxes 4,5,6 any one box is to be filled in with appropriate figures. Box 8 value is equal to Box 4 or 5 or 6 plus box 7.
- 3) Free Issue of Material by BHEL is Rs. **0.00** /-
- **4) Escalation not included for item sl no. marked with # symbol.

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SPECIAL CONDITION

- 1 The scope of work covers all type of quarters, Public buildings and service line in all zones in Township premises.
- 2 The contractor or his representative should report to the office daily on all days including Sundays & Public Holidays.
- 3 Work Registers are to be maintained for plumbing from the date of commencement till the completion of contract period.
- 4 Day to day complaints received are to be completed on that day itself, completed complaints should get signed by the occupant and it has to be handed over for verification by the department officials.
- 5 All materials required for day to day work may be collected from Civil Stores by giving Departmental issue Vouchers.
- 6 Used materials are to be recorded in the complaint sheet and work register for accounting of materials should be submitted for verification at any time during the contract period.
- 7 Contractor has to engage disciplined skilled plumbers and helpers to attend the complaints and they should follow the rules and regulations of the Company from time to time.

Contractor may assess the existing site conditions with respect to nature of complaints and labours deployed in the works and quote the rates accordingly.

ALSO THE QUANTITIES OF COMPLAINTS GIVEN IN BOQ SL. NO. 01 & 02 ARE TENTATIVE AND MAY INCREASE OR DECREASE DURING EXECUTION; CONTRACTOR SHALL PAY CORRECT WAGES TO THE LABOURS AS PER TENDER / CONTRACT, IRRESPECTIVE OF AMOUNT OF COMPLAINTS RECEIVED; ALSO CONTRACTOR SHALL ENGAGE NOT LESS THAN THE No. OF LABOURS AS SPECIFIED IN THE SPECIFICATION.

- 8 Proper shock proof tools and tackles are to be used according to the nature of works.
- 9 Contractor / his workers should not do any other work in township areas which are not covered in the Agreement.
- 10 Once the complaint is received from user through department, all efforts should be taken to start the work immediately without any further delay.
- 11 If any Employee / Labour working in the contract is found involved in corruption activities, the contract will be terminated and the contractor will be banned for applying for any future contract for 3 years.
- 12 **FOR ITEM NO. 3 IN THE RATE SCHEDULE -** The minimum labourers to be engaged for this work are 3 Nos of USWs experienced in Plumbing work to work in shifts i.e one labour in 05.00 AM to 01.00 PM shift, one labour in 01.00 PM to 09.00 PM shift and one labour in general/relieving duty - total 3 labours a day.
FOR ITEM NO.01 IN THE RATE SCHEDULE - Minimum 2 Nos of skilled workers experienced in plumbing work and 1 No USW are to be engaged in 3 shifts (06.00 AM to 02.00 PM shift, 08.00 AM to 04.30 PM shift and 02.00 PM to 10.00 PM shift) through out the contract period .
FOR ITEM NO . 04 IN THE RATE SCHEDULE - 01 No. of skilled & 01 No. USW worker are to be engaged in 4 shifts(06.00AM to 02.00PM shift,02.00 PM to 10 PM shift,10 PM to 06.00 AM AND 08.00 TO 16.30 Hrs.) through out the contract period . **FOR ITEM No. 2 IN THE RATE SCHEDULE,** Two (2) USWs experienced in blockage removal are to be deployed. - Total 10 workers in the contract.
- 13 Safety precautions should be taken while doing the work. You will have to follow all safety requirements to carry out the work in the Township/ factory premises.
- 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 Time is essence of the contract and any delay beyond the delivery date will be subjected to LD.
- 16 The tenderer may visit the site and assess working locations before quoting the rate.
- 17 The above rate(s) include PF & ESI remittance. The tenderer shall quote their rate inclusive of PF & ESI contribution to their workers.

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- 18 The total value of this contract indicated herein is merely tentative and is liable to vary according to the needs of the BHEL without entitling the contractors to any compensation. Hence while quoting percentage, the tenderer shall take this contingency into account and offer their quotation.
- 19 The Engineer-in-charge will allocate works from time to time for each independent work and the contractor has to complete each of the work/s within the stipulated period.
- 20 All works shall be carried out as per standard specifications and instructions of Engineer-in-charge.
- 21 Other than the items mentioned above, if any additional item is necessitated during execution then the same offered percentage will be applicable with reference to CPWD SOR 2013 (or) observed data.
- 22 The contractor have to follow all statutory requirements like PF,ESI etc. through out the contract period.
- 23 The General Conditions of contract in force shall apply to this contract. (57 pages booklet).
- 24 The contractor is required to engage a qualified supervisor to supervise the contract through out the contract period as laid down in the general conditions of contract.
- 25 RATE QUOTED SHALL BE FIRM THROUGH OUT THE CONTRACT PERIOD and INCLUDE ANY INCREASE IN MINIMUM WAGES, all royalties, terminal taxes, central or provincial excise tax, sales tax, tax on works contract and any other taxes leviable under the State/ Central Government Rules. The tenderer has to mention in the rate schedule specifically that the service tax is inclusive or exclusive. You will have to submit the Service Tax Registration Certificate to BHEL. You will have to claim the Service Tax from BHEL by submitting Tax invoice as per Service Tax Rules & the documentary evidence will have to be submitted along with the next bill for payment. If for any reason, tenderer has to pay penalty, interest on service tax, the tenderer has to bear such additional payment. BHEL will pay only the Service Tax at actual. In case tenderer doesn't mention whether the quoted prices are inclusive or exclusive of Service Tax, BHEL will assume the quoted rates are inclusive of present service tax at the
- 26 The tenderer has to ensure payment of Minimum Wages as per Tamil Nadu State Minimum Wages as applicable under law from time to time for the employment in General Engineering & Fabrication Industry.

Normally the revision of Tamil Nadu govt. minimum wage will be with effect from 1st April of every year. TENDERERS ARE REQUESTED TO QUOTE THEIR OFFER AFTER TAKING IN TO ACCOUNT OF THE ABOVE FACTOR ALSO. The quoted rate shall be firm for the entire contract period of 12 months and any extension of contract if accepted thereafter.

- 27 APART FROM THE EXISTING MINIMUM WAGES, THE CONTRACTOR SHALL PAY TO THE LABOUR, AN ADDITIONAL PAYMENT OF Rs. 2000/- & Rs.1200 PER MONTH FOR UNSKILLED WORKER, AND RS. 2500/-& Rs.1600 PER MONTH FOR SKILLED WORKER. ALSO, STATUTORY PAYMENT / DEDUCTION OF PF, ESI ETC IS APPLICABLE FOR THIS ADDITIONAL PAYMENT. CONTRACTOR'S QUOTED RATE SHALL BE INCLUSIVE OF THIS ADDITIONAL PAYMENT PLUS STATUTORY PAYMENTS FOR THE SAME.

THE RATES INDICATED IN THE ABOVE ESTIMATE FOR EACH ITEM CONTAIN MINIMUM WAGES, MONTHLY ADDITIONAL PAYMENTS AND STATUTORY PAYMENTS FOR BOTH. THE RATES ALSO CONTAIN OVER HEADS & PROFIT FOR THE CONTRACT.

- 28 SAFETY PROTECTION MATERIALS FOR EACH LABOUR ENGAGED IN THE CONTRACT SHALL BE ARRANGED BY THE CONTRACTOR AS BELOW AT HIS OWN COST WITHIN THE QUOTED RATES.

- a) RAIN SHOE - 1 No. / YEAR
- b) CARBOLIC SOAP = 12 Nos. / YEAR
- c) MURUKKU TOWEL = 2 Nos. / YEAR
- d) PANAMA CAP = 2 Nos. / YEAR
- e) UMBRELLA = 1 No. / YEAR

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f) CHAPPAL = 1 No. / YEAR

g) HAND GLOVES = 2 Nos. / YEAR

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