

**PART-II (PRICE BID)**

**BILL OF QUANTITIES**

S. No	QUANTITY	Description	Unit	Rate / unit (in Figures & words) Rs. Ps	Amount
1	15	Operation of Valves, Pumps, Motors, Generators etc round the clock at Water Head works. (i.e) Vengur, Puthapuram and Keelamullaikudi, all as per instructions of Engineer-in-charge and as specified hereunder:- Operation of pumps round the clock at Water Head works (i.e) Vengur, Puthapuram and Keelamullaikudi. Log book available at work spots should be maintained by recording the time of switching on / off of motors, collection well water level, pump pressure, pipe line pressure, ammeter and voltmeter reading, at every one hour. Operation of sluice valves during the process of switching on/off of pump sets. Checking and correcting of gland rope in pumps / valves. Attending and rectifying the faults in electrical equipments such as motors, switches, panel boards, lighting circuits including replacement of bulbs, fluorescent tubes, low tension fuses like HRC and rewirable fuses in switch fuses / panel boards/ distribution boards, motor bearing change, minor services etc. Maintenance of DG sets, such as ensuring required quantity of diesel / lubricant, maintaining the batteries in good condition such as filling of distilled	Month		

water, cleaning of battery terminals, applying white jelly on the terminal, tightening battery terminals etc. Operation of DG sets and immediate changeover during power failure and vice versa. Cleaning of electrical equipments like motors, starters, panel boards transformers, generator rooms, pump houses etc. Maintaining log book for operation of DG sets, recording all necessary electrical parameters like Amps, Volts, PF for each one hour of operation and recording total time of operation of DG sets, consumption of diesel, oil changing, grease, filling of distilled water etc.

Note :- 1. The above list is not exhaustive but only indicative. The contractor is also required to carry out activities not specifically mentioned here but required for the better upkeep of Head works.  
2. All the materials, spares, consumables, tools etc. will be supplied by BHEL at stores at free of charges and contractor should maintain necessary records for verification.  
3. Contractor has to do the work round the clock i.e. 24 Hours a day (In three shift operation) including Sunday and all other Public Holidays.  
4. Minimum man power envisaged for this work is as follows : Contractor should engage Electrician (Skilled)- 4 Nos and Unskilled 3 Nos. (1 Nos Electrician for each shift A, B and C + 1 Reliever)  $(1 \times 3) + (1 \times 1) = 4$  Nos/day. Unskilled worker 1 No for each shift (i.e.  $1 \times 3 = 3$  Nos/day).

	<p>5. If no work done on any day or in any shift or any reasons recovery will be effected on pro rata basis derived from the quoted rate plus 10%. A shift means a duty of 8 hours.</p> <p>6. The quoted rate shall be firm through out the contract period and extended period also and no cost escalation will be paid on any account.</p> <p>7. The rate quoted shall not include service tax. The applicable service Tax can be claimed from BHEL along with their monthly bills for further payment to be made for the authorities concerned.</p> <p>8. The contractor shall ensure payment of Minimum wages, Bonus to the workmen employed by him at the rate at which shall not less than the minimum wages applicable under law from time to time.</p> <p>9. The labourers shall be paid additional payment as mentioned below in addition to the payment of minimum wages, Bonus to the workmen employed by him. a) Un Skilled worker - Rs.3200 - Per Month, b) Semi Skilled worker - Rs. 3700 - Per Month, c) Skilled worker - Rs.4100 - Per Month.</p>			
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**GRAND TOTAL i.e Total cost for the work including all the taxes (except applicable service tax) in**

Figures Rs. \_\_\_\_\_ in words .....

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**Tender Ref No: WCT /90017 00052 dt 20.03.17 (O&M VALVES, MOTORS ... AT HEAD WORKS)**

**Note :-**

01. Rate should be quoted in both figures and words and are to be identical. If not, the prices in the words will be considered as final and the same shall be valid and binding on the contractor.
- (a) If there is such discrepancy in an offer, the same will be conveyed to the bidder with target date up-to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.
02. The rate should be quoted inclusive of any taxes and duties levied or to be levied both by Central and State Government authorities from time to time, except Service Tax. Service Tax will be paid extra on production of documentary evidence.
03. Quotation should be valid for a period of four months from the date of Tender opening
04. If in case of Price bid opening, if there is a tie in quoted L1 amount, then ranking will be decided based on Lot system
05. Evaluation of the offer shall be done on "Net Cash outflow to BHEL after taking into account applicable Taxes and Duties".
06. The rate quoted shall remain firm and valid during the entire period of contract (including extended period if any) and no extra payment will be reimbursed to the contractor by BHEL. Any increase of DA/ wages to the contract labor shall be absorbed by the contractor themselves during the period of contract.
07. The signature at the bottom of the rate schedule confirms that the Tenderer had read and accepted all the Terms and conditions in Tender Schedule, also rate quoted with inclusive of any taxes and duties levied and excluding Service Tax etc. has been considered by the tenderer for the total contract period (including extended period if any) while quoting the above rates.
08. No other pre conditions along with your offer will be entertained by BHEL
09. The contractor shall quote only the lowest possible rate that can be offered.
10. Unit Rate quoted shall be rounded off to two digits after decimal
11. The contractor while quoting shall take care of units specified against every item in bill of quantities.