

Annexure “J”(a)

**BHEL – JHANSI
TENDER ENQUIRY NO TCX/TE/5/12**

**Tender Document
DATE 31/10/2015**

PRICE BID

S.No	JOB/ACTIVITY	Unit	Quantity	RATE QUOTE D	TOTAL VALUE (E=C*D)
				(Rs)	(Rs)
	A	B	C	D	E
1	Maintenance such as Greasing, Change of Glane Doory and Cleaning, Priming Work of Pumps, Operation of Required Valves, Monitoring water pressure / level indicator, Maintenance of Foot Valve, General maintenance of all pipe line and fitting and valve required for above operation (Foot Valve to Over Head Tank). The Operation of pumps for making direct water supply in quarters in township from Under Ground Water Storage Tanks as per direction of Engineer-In-Charge and as per schedule. This works includes Preventive Glane Doory, Leather, Grease or other small consumable items (not any fitting) required for maintenance work. The payment shall be made on the basis of measurement recorded in register / logbook by contractor as per direction of Engineer – in- charge.	Hours	1335		
2	Operation of Pumps for taking water from Open Wells / Bore wells in Township (Open well -4, Bore well with submersible -2) as per direction of Engineer-In-Charge and as per schedule. This works includes Preventive Maintenance such as Greasing, Change of Glane Doory and Cleaning, Priming work of Pumps, Operation of required valve, Monitoring water pressure / level indicator, Maintenance of Foot Valve (only for Open Well), Operation of Filtration Plant, Operation of Chlorination Plant, General maintenance of all pipe line and fitting and valve required for above operation (foot valve to delivery point). The Glane Doory, Leather, Grease or other small consumable items (not any fitting) required for maintenance work. The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge. The deduction for over flow of water from tanks is to be done per overflow @ Rs500/-.	Hours	26000		
3	To change all type of Centrifugal Motor-Pumps in Open Well on labour basis as per direction of Engineer-In-Charge. Necessary work such as to open all Connections and Nut-Bolts & Screws required for maintenance of Pump, after Greasing, Change of Glane Doory, Cleaning, Re-Jointing all the connections and tightening all Nut-Bolts & Screws, Priming the Pumps, General required work is included in the scope of work. The Glane Doory, Leather, Grease or other small consumable items (not any fitting) required for maintenance work. The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge	Each	300		
4	To change all type of Submersible Motor-Pump set / Jet Pump Set in Well / Bore well on labour basis as per the direction of Engineer-In-Charge. Necessary work such as to open all Connections, Nut-Bolts & Screws, Open and Taking out all Pipes required for maintenance of Pump, after Greasing, change of Glane Doory, Cleaning, Re-Jointing the connections, connection of all Pipes and tight all Nut-Bolts & Screw and General required work including the scope of work. The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge.	Each	150		

5	To change all type of Valves complete (Size Dia 150mm to 400 mm) on labour basis as per direction of Engineer- In-Charge. Necessary work such as to open all connections, Nut-Bolts & Screws, open and taking out Valves, After General maintenance, Re-Install maintained Valve, The work of Greasing, change of Glane Doory, Chamber cleaning, Re-Jointing the connections, Tightening all Nut-Bolts & Screws and general required work included in the scope of work.. The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge.	Each	200		
6	Maintenance of all type of water supply pipe line complete (Size Dia 25mm to 80mm) on labour basis as per direction of Engineer-In-Charge. Necessary work such as excavation of earth for opening the Pipeline and refilling, dismantling concrete work, to open Connections, Open all Nut-Bolts Screws, open and taking out pipe line (if required), General Maintenance, Re-Jointing the connections, tightening all Nut-Bolts & Screws and General required work is included in the scope of work. The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge.	Each	300		
7	Operation of Fountain-Pumps in Township as details given in schedule E (near Club Bundela-01no, in Swagat park -01 no, in Guest House 03, in BHEL House-03no) and as per direction of Engineer-In-Charge. This work includes Preventive Maintenance such as Cleaning of Chambers, Greasing of Motor-Pump set, change of Glane Doory, priming work Pumps, required Valve Operation, monitoring Water Pressure, Water Level, maintenance of Foot Valve, General maintenance of all item related to Fountains, its Fittings & Valves required for above operation (Foot Valve to Delivery point). The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge.	Hours	3000		
8	Maintenance and General cleaning of Water Supply Valve Chambers in Township and Factory area on monthly labour payment basis in every six month as per direction of Engineer-In-Charge. Necessary work such as General cleaning and maintenance of valve. The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge.	Each	250		
9	Housekeeping of Pump Houses in Township & factory on labour basis on monthly labour payment basis as per direction of Engineer-In-Charge. Necessary work such as General cleaning Inside, Outside, Overhead Tanks, under Ground tanks, Filtration Plant, Pipeline, Chambers, Open Area, and Other Equipment, Keeping all materials at proper place, Material handling & Maintenance of valves and Pumps etc completely. The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge.	Each	72		
10	House keeping of Open Wells, Bore wells, Jet Pumps in Factory and Township area on labour basis on monthly payment basis as per direction of Engineer-In-Charge. Necessary work such as General cleaning Inside / Outside, Pipelines, Chambers, Open Area and Other Equipments, Keeping all Material at proper place, Maintenance of Valves, Pumps etc completely. The payment shall be made on the basis of measurement recorded in register / logbook by contractor or his supervisor / authorized person as per direction of Engineer – in- charge.	Each	204		

11	Maintenance of all type of water supply pipe line for fire Hydrants complete (Size Dia 80mm to 300 mm) on labour basis as per direction of Engineer-In-Charge. Necessary work such as excavation of earth for opening the Pipeline and refilling, to open Connections, Open all Nut-Bolts Screws, open and taking out pipe line (if required), General Maintenance, Re-Jointing the connections, tightening all Nut-Bolts & Screws and General required work is included in the scope of work.	Each	180		
	Total			Rs.	

In words total Rs.

(Service tax extra as applicable)

Annexure “J” (b)

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BASIS OF OFFER

1	Technological Man Hours required		24960
2	Technological Man Days required		3120
	(Figure of Sl no. 1 divided by 8)		
3(i)	Minimum wage/day of Appropriate Government	Rs.	284.58
3(ii)	Additional Amount /day	Rs.	123.08
4	Total of wages per day(Sl.no.3(i) +3(ii)	Rs.	407.66
5	Total Wages(Sl.no. 2*4)	Rs.	1271899.20
6	Provision for extra wages @ 5% of Sl. No. 5	Rs.	63594.96
7	Contingency @ 6% of Sl.No.5 due to revision of DA Rates and increase in minimum wages accordingly.	Rs.	76313.95
8	Contingency @ 6% of Sl.No.6 due to revision of DA Rates and increase in minimum wages accordingly.	Rs.	3815.70
9	Total contingency (sl.no.7+8)	Rs.	80129.65
10	PF/EDLI/Pension Employer’s contribution @ 13.61% on Sl. No.5 & 7	Rs.	180121.28
11	ESI Employer’s Contribution @ 4.75% (Calculated on Amt.of sl.no. 5,6&9)	Rs.	67242.13
12	Provision for uniforms, uniform stitching charges, shoes, halmet (Sl.No.310 x Rs.925/-)	Rs.	11825.81
13	Provision of Personal Accident insurance (24x7) @ Rs.500/- (Sl.No.2/310 x Rs.500/-)	Rs.	5032.26
14	Contingency @20% of Sl. No. 13		1006.45
15	Total (Sl.No.5+6+9+10+11+12+13+14)	Rs.	1680851.73
16	Contractors Commission (_____ % of total of sl.no.15)	Rs.	-----
17	Statutory minimum Bonus @ 3500/- (i.e.(3500*Total Mandays at Sl. No.2)/310) for one year	Rs.	35000
18	Total value of the contract payable to the bidder/price bid (excluding service tax and including statutory bonus amount) of sl. no (15+16+17)	Rs.	-----
19	Service Tax of @ of 14% of Sl. No. 18	Rs.	-----
20	Total value of contract (18+19)	Rs.	-----