

**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRAPURAM :: HYDERABAD-502032**  
**(TOWNSHIP ADMINISTRATION)**

**Schedule - A Price bid**

Tender Notice No.  
HY/TA/OT-07/2015-16  
Date: 12.10.2015, Item. No. 01

**Name of work: Providing 1000 liter PVC Water Tanks to type-II, III and IV quarters in NH-II area in Township**

Sl.no	Decripton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs)
<b>I</b>	<b>TYPE-III QUARTERS - PART-A (CIVIL WORKS)</b>				
1	Demolishing R.C.C work for dismantling of water tanks, making holes to chajjas etc with manually by mechanical means including stacking of use ful steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. (Steel scrap is to be handed over at BHEL Stores).	30.27	one cum	978.95	29632.82
2	Demolishing brick work for making holes to parapet walls, water tank partition wall holes in cement mortar manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material with in 50 metres lead as per direction of Engineer-in-charge.	5.99	one cum	566.60	3393.93
3	Conveyance of moorum, building rubbish etc., including loading,unloading and stacking at places with in a distance of 3kms etc complete.	36.26	one cum	83.99	3045.48
4	Brick work in cement mortar 1:6, 2nd class ground moulded bricks for all thicknesses of walls including curing, cost of all materials etc., complete for parapet walls, repair of holes and other misc. works up to 7 meters height.	5.99	one cum	3513.18	21043.95
5	Plastering in cement mortar 1:4, 20 mm thick including curing, cost of all materials etc., complete for patch plastering works and also wherever required as per site requirement etc complete all as directed by Engineer-in-charge.	133.84	One Sqm	123.88	16580.10
6	Providing guttas in traingular shape of base 150 mm and height 150 mm with cement mortar 1:4, including fine finishing, cost of all materials etc complete all as directed by Engineer-in-charge.	43.50	One Rmt	4.67	203.15

Sl.no	Decription	Total Qty	Unit	Rate (in Rs)	Amount (in Rs)
7	Plain Cement Concrete 1:4:8 mix using 20 mm guage down graded hard granite metal including curing, cost of all materials etc., complete.	17.09	one cum	2343.98	40058.62
8	Hacking the existing roof surface by means of chisel and hammer to replace the existing plastering by making it rough to prepare a base for P.C.C and disposal of the rubbish with in a distance of 2 kms. Etc. complete all as directed by Engineer-in-charge.	113.96	One Sqm	15.00	1709.40
9	Providing <b>Steel / Plywood shuttering</b> with necessary oil coat to give smooth and even surface including centering , strutting , proping etc. and removal of form work for cast in situ concrete etc. complete all as directed by Engineer-in-charge.	65.06	One Sqm	285.15	18551.86
				Sub Total:	<b>134219.30</b>
<b>PART-B (WATER SUPPLY )</b>					
10	Labour charges for transportation of PVC tanks of 1000 litres capacity from BHEL store and placinnng on roof terrace ( at all floor levels ) and making necessary holes for inlet, outlet, etc. complete all as directed by Engineer-in-charge. ( <b>PVC Tanks of 1000 litres capacity will be issued free of cost from BHEL store</b> ).	74000.00	per litre	0.94	69560.00
11	Labour charges for removing of G.I pipe lines of following dia. Including all specials including excavation/cutting and chasing the walls , depositing the pipes and specials in BHEL store including cost of transportation and stacking at BHEL store etc. complete all as directed by Engineer-in-charge.				
a	25mm dia.	370.00	One Rmt	44.10	16317.00
b	20mm dia	370.00	One Rmt	44.10	16317.00
c	15mm dia	370.00	One Rmt	44.10	16317.00
12	Labour charges for fixing following dia of G.I pipes with G.I fittings including cost of transportation of G.I pipes and fittings from BHEL stores etc. complete all as directed by Engineer-in-charge. ( <b>G.I pipes and fittings will be issued free of cost from BHEL store</b> ). ( The work is to be carried out up to a height of 7.0 metres height and all the safety precautions to be taken by the agency).				
a	25mm dia.	444.00	One Rmt	64.16	28487.04
b	20mm dia	444.00	One Rmt	58.48	25965.12
c	15mm dia	444.00	One Rmt	53.41	23714.04

Sl.no	Decripton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs)
13	Labour charges for fixing ball valve including transportation from BHEL store to site etc. complete all as directed by Engineer-in-charge.( <b>ball valves will be issued free at BHEL store</b> ).				
a	25mm dia.	74.00	Each	55.78	4127.72
b	20mm dia	74.00	Each	46.60	3448.40
				Sub Total:	<b>204253.32</b>
<b>II</b>	<b>TYPE-IV QUARTERS</b>				
	<b>PART-A (CIVIL WORKS)</b>				
14	Demolishing R.C.C work manually / by mechanical means including stacking use ful of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. (steel scrap shall be handed over at BHEL Stores).	5.04	one cum	978.95	4933.91
15	Demolishing brickwork in cement mortar manually/by mechanical means including stacking of serviceable material and disposal of unserviceable material with in 50 metres lead as per direction of Engineer-in-charge.	2.27	one cum	566.60	1286.18
16	Conveyance of moorum, building rubbish etc., including loading,unloading and stacking at places with in a distance of <b>3kms</b> . Etc complete.	7.31	one cum	83.99	613.97
17	Brick work in cement mortar 1:6, 2nd class ground moulded bricks for all thicknesses of walls including curing, cost of all materials etc., complete parapet walls, for repair of holes and other misc. works up to 7 meters height.	2.27	one cum	3513.18	7974.92
18	Plastering in cement mortar 1:4, 20 mm thick including curing, cost of all materials etc., complete for parapet walls etc.,	50.64	One Sqm	123.88	6273.28
19	Providing gultas in traingular shape of base 150 mm and height 150 mm with cement mortar 1:4, including fine finishing, cost of all materials etc complete all as directed by Engineer-in-charge.	18.00	One Rmt	4.67	84.06
20	Plain Cement Concrete 1:4:8 mix using 20 mm guage down graded hard granite metal including curing, cost of all materials etc., complete.	6.47	one cum	2343.98	15165.55
21	Hacking the existing roof surface by means of chisel and hammer to replace the existing plastering by making it rough to prepare a base for P.C.C and disposal of the rubbish with in a distance of 2 kms. Etc. complete all as directed by Engineer-in-charge.	43.12	One Sqm	15.00	646.80

Sl.no	Decripton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs)
22	Providing <b>Steel / Plywood shuttering</b> with necessary oil coat to give smooth and even surface including centering , strutting , proping etc. and removal of form work for cast in situ concrete etc. complete all as directed by Engineer-in-charge.	24.62	One Sqm	285.15	7020.39
				Sub Total:	<b>43999.06</b>
	<b>PART-B (WATER SUPPLY )</b>				
23	Labour charges for transportation of PVC tanks of 1000 litres capacity from BHEL store and placing on roof terrace ( at all floor levels ) and making necessary holes for inlet, outlet, etc. complete all as directed by Engineer-in-charge. ( <b>PVC Tanks of 1000 litres capacity will be issued free of cost from BHEL store</b> ).	28000.00	per litre	0.93	26040.00
24	Labour charges for removing of G.I pipe lines of following dia. Including all specials including excavation/cutting and chasing the walls , depositing the pipes and specials in BHEL store including cost of transportation and stacking at BHEL store etc. complete all as directed by Engineer-in-charge.				
a	25mm dia.	168.00	One Rmt	44.10	7408.80
b	20mm dia	168.00	One Rmt	44.10	7408.80
c	15mm dia	168.00	One Rmt	44.10	7408.80
25	Labour charges for fixing following dia of G.I pipes with G.I fittings including cost of transportation of G.I pipes and fittings from BHEL stores etc. complete all as directed by Engineer-in-charge. ( <b>G.I pipes will be issued free of cost from BHEL store</b> ). ( The work is to be carried out up to a height of 7.0 metres height and all the safety precautions to be taken by the agency).				
a	25mm dia.	196.00	One Rmt	63.76	12496.96
b	20mm dia	224.00	One Rmt	58.14	13023.36
c	15mm dia	280.00	One Rmt	53.13	14876.40
26	Labour charges for fixing ball valve including transportation from BHEL store to site etc. complete all as directed by Engineer-in-charge.( <b>ball valves will be issued free at BHEL store</b> ).				
a	25mm dia.	28.00	Each	55.78	1561.84
b	20mm dia	28.00	Each	46.60	1304.80
				Sub Total:	<b>91529.76</b>

Sl.no	Decripton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs)
III	<b>TYPE-II QUARTERS</b>	<b>128.00</b>			
	<b>PART-A (CIVIL WORKS)</b>				
27	Demolishing R.C.C work for dismantling of water tanks, making holes to chajjas etc with manually by mechanical means including stacking of use ful steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. <b>(Steel scrap is to be handed over at BHEL Stores).</b>	63.66	one cum	978.95	62319.96
28	Demolishing brick work for making holes to parapet walls, water tank partition wall holes in cement mortar manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material with in 50 metres lead as per direction of Engineer-in-charge.	18.47	one cum	566.60	10465.10
29	Conveyance of moorum, building rubbish etc., including loading,unloading and stacking at places with in a distance of 3kms etc complete.	82.13	one cum	83.99	6898.10
30	Brick work in cement mortar 1:6, 2nd class ground moulded bricks for all thicknesses of walls including curing, cost of all materials etc., complete for parapet walls, repair of holes and other misc. works up to 7 meters height.	47.63	one cum	3513.18	167332.76
31	Plastering in cement mortar 1:4, 20 mm thick including curing, cost of all materials etc., complete for patch plastering works and also wherever required as per site requirement etc complete all as directed by Engineer-in-charge.	1580.43	One Sqm	123.88	195783.67
32	Providing gultas in traingular shape of base 150 mm and height 150 mm with cement mortar 1:4, including fine finishing, cost of all materials etc complete all as directed by Engineer-in-charge.	192.00	One Rmt	4.67	896.64
33	Plain Cement Concrete 1:4:8 mix using 20 mm guage down graded hard granite metal including curing, cost of all materials etc., complete.	135.83	one cum	2343.98	318382.80
34	Hacking the existing roof surface by means of chisel and hammer to replace the existing plastering by making it rough to prepare a base for P.C.C and disposal of the rubbish with in a distance of 2 kms. Etc. complete all as directed by Engineer-in-charge.	905.52	One Sqm	15.00	13582.80

Sl.no	Decripton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs)
35	Providing <b>Steel / Plywood shuttering</b> with necessary oil coat to give smooth and even surface including centering , strutting , proping etc. and removal of form work for cast in situ concrete etc. complete all as directed by Engineer-in-charge.	516.97	One Sqm	285.15	147414.00
	<b>PART-B (WATER SUPPLY )</b>				
36	Labour charges for transportation of PVC tanks of 1000 litres capacity from BHEL store and placinng on roof terrace ( at all floor levels ) and making necessary holes for inlet, outlet, etc. complete all as directed by Engineer-in-charge. <b>(PVC Tanks of 1000 litres capacity will be issued free of cost from BHEL store).</b>	514000.00	per litre	0.93	478020.00
37	Labour charges for removing of G.I pipe lines of following dia. Including all specials including excavation/cutting and chasing the walls , depositing the pipes and specials in BHEL store including cost of transportation and stacking at BHEL store etc. complete all as directed by Engineer-in-charge.				
a	25mm dia.	844.00	One Rmt	44.10	37220.40
b	20mm dia	844.00	One Rmt	44.10	37220.40
c	15mm dia	844.00	One Rmt	44.10	37220.40
38	Labour charges for fixing following dia of G.I pipes with G.I fittings including cost of transportation of G.I pipes and fittings from BHEL stores etc. complete all as directed by Engineer-in-charge. <b>( G.I pipes will be issued free of cost from BHEL store).</b> ( The work is to be carried out up to a height of 7.0 metres height and all the safety precautions to be taken by the agency).				
a	25mm dia.	3130.00	One Rmt	63.76	199568.80
b	20mm dia	2205.00	One Rmt	58.14	128198.70
c	15mm dia	3675.00	One Rmt	53.12	195216.00

Sl.no	Decripiton	Total Qty	Unit	Rate (in Rs)	Amount (in Rs)
39	Labour charges for fixing ball valve including transportation from BHEL store to site etc. complete all as directed by Engineer-in-charge.( <b>ball valves will be issued free at BHEL store</b> ).				
a	25mm dia.	588.00	Each	55.83	32828.04
b	20mm dia	588.00	Each	46.60	27400.80
				Sub Total:	<b>2095969.37</b>
	<b>Grand total=(I+II+III)</b>				<b>2569970.81</b>

**Cement & Steel will be free issue from BHEL Stores**

Tender %	In words	Figures
Excess		
Less		
Estimate		

**Notes:**

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.
2	The tender % age quoted by the contractor shall be inclusive of all taxes and duties other than service tax as applicable from time to time.
3	<b>Service tax</b> if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.
4	All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department BHEL.
5	The agency shall submit the I.R. clearance certificate for the above work and arrange to get the final bill sent to Finance within one month from the actual date of completion of work.
6	The maintenance period of the work is <b>12 months</b> . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.