

DNIT for Repair and Maintenance of water supply system and replacement of submersible pumps at various substations under P&M Circle, Ludhiana

Sr. no.	QTY	Description of an item	Unit	CSR Ref	CSR/ Deptt Rates	Rate to be quoted by contractor
1	12	Providing and laying, jointing, fixing and testing ISI Marked uPVC Pipe Lines as per ISI 4985-2000, including specials such as tees, bends, sockets, elbow etc., cutting, testing (including cost of specials) in the ground complete in all respects. uPVC Pipe 10 Kgf/cm ² 20mm i/d	Mtr	28.12 A a	56.38	
2	12	25mm i/d	Mtr	28.12 A b	79.96	
3	12	32mm i/d	Mtr	28.12 A c	121.49	
4	88	Supply and erection of PVC insulated PVC sheathed (3 core) round flexible wire with copper conductor (FR) cable (ISI marked) conform to IS:694/1990 left bare in pipe or casing of suitable size complete in all respect as desired by the Engineer-in-charge:- Overall size 2.5sq.mm (50/0.25mm), 3Core	Mtr	34.09 (xiii) c	88.21	
5	68	Overall size 4.0sq.mm (56/0.3mm), 3Core	Mtr	d	131.16	
6	68	Overall size 6.0sq.mm (84/0.3mm), 3Core	Mtr	e	190.36	
7	10	Providing, Laying , fixing & jointing of P.V.C. Pipes as per ISI-4985 (ISI marked with the prior approval of Engineer-in-Charge) along the Trenches and laying the same in Trenches to correct alignment and gradients, cutting, jointing and testing complete as per specifications. 110mm o/d pipe of 10 Kgf. / sqcm	Mtr	28.13 iv	605.79	
8	95	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818-2010, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer – incharge. 100mm nominal size dia.	Mtr	28.92 (a)	442.87	

9	10	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS:12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 100mm nominal size dia.	Mtr	28.93 (a)	564.75	
10	90	Boring with casing pipe for tubewell in all soils except ordinary hard rocks requiring blasting including removing the casing pipe after the tube well is lowered & tested , equipment as required such as hand boring machine and its accessory, transportation to site and vice versa etc. complete in all respect. Boring with 150mm id Housing Pipe Upto 150 m depth BGL.	Mtr	28.72 (a)	762.43	
11	33.05	Providing, Laying, fixing & jointing of ISI Marked H.D.P.E. Pipes as per ISI - 4984-1995 casting along the Trenches and laying the same in Trenches to correct alignment and gradients, cutting, jointing and testing complete as per specifications. H.D.P.E pipe of 10 Kg. PE-80 32mm o/d	Mtr	28.15 A (b)	52.89	
12	1	Providing & fixing 02 BHP submersible pump set 3 phase crompton make	Each	AOR	18150	
13	1	Providing & fixing 3BHP submersible pump set crompton make	each	AOR	22149.3	
14	1	Supplying, fixing of 7.5 H.P -3 phase Crompton Greaves sewage pump	each	AOR	33000	
15	1	Providing & fixing 15HP submersible pump set	each	AOR	46600	
16	1	Providing & fixing 20 BHP submersible pump complete in all respects of lubi or equivalent	No.	AOR	59000	
17	4	Supporting Wire	Set	AOR	388.85	
18	4	Lowering and Unlowering of Submersible pump including carriage of Equipment from site to workshop and back, Labour, Carriage of New submersible pump from shop to workshop for Nipple fitting		AOR	4253	
19	3.68	First class burnt brick work laid in cement sand mortar 1:5 in foundation and plinth.	cum	11.5	4088.21	

20	64	12.5 mm thick cement plaster 1:5	sqm	15.10	136.48	
21	36.8	20 mm thick cement plaster 1:5	sqm	15.10	183.11	
22	48	Conglomerate floor 25mm thick cement concrete topping 1:2:4 using mechanical mixer for mixing of material	sqm	14.50	169.72	
23	3	Providing, fixing and jointing Brass Ball valves screwed with SS/BRASS ball & spindle & Teflon seats, on G.I. Pipe lines including all carriages complete.	Each	28.44 d	757.6	
24	3	Providing & Fixing in position stop cock / Angle valve of approved make (to the approval of Engineer-in-charge) complete in all respect. C.P.brass 15mm stop cock Male and female end	Each	30.66 a	716.96	
25	3	P/F in position 15 mm i/d bib cock of cp brass without flange (as approved by the Engineer-in-charge)	Each	30.65 a ii	818.75	
26	1000	Providing & fixing of Water Storage Tank. Triple Layer Tank.	LTR	30.97 a i	9.64	
27	500	Less Recovery	kg	AOR	-20	
28		Extra Carriage & Difference of materials taken as average for P&M CIRCLE Ludhiana				
(i)	1.25	cement	MT	Annex	352.18	
(ii)	2.82	fine sand	cum	Annex	256.8	
(iii)	0.54	coarse sand	cum	Annex	341.13	
(iv)	0.54	crusher 11.2mm	cum	Annex	387.2	
(v)	0.54	crusher 13.2mm	cum	Annex	352.67	
(vi)	1.77	Bricks	1000 nos	Annex	642.79	

Notes: -

1. These rates are through rates exclusive of Cement & Steel that shall be issued by PSTCL from jamsher/ablowlal store(As per Availability).
2. PWD/ PSTCL specifications will be followed for all the above items, for which ref. to CSR items and NS items is given.
3. For any NS item, which is not covered in DNIT, shall be allowed on the same pattern of AOR with the prior approval of Er – in – Charge.
4. GST will be applicable as per Govt. norms and will be paid extra.

5 **Rates of taxes and duties if any applicable must be mentioned clearly otherwise maximum rate shall be taken into account for evaluation purposes.**

6 **At the time of final billing, the merit position w.r.t actual work done shall be prepared again and total payment to be paid to the contractor shall be restricted as per cost percentage w.r.t. departmental rates of L-1 in revised comparative statement and approved comparative statement . In case if the merit position of L-1 contractor changes, the total payment to contractor will be restricted to L-1 Cost of revised comparative statement.**

Signature of vendor