

Name of Work: Providing Borewell and External Water Supply Arrangements for the District Jail Building at Virudhunagar in Virudhunagar District.

ABSTRACT ESTIMATE

S.No	Quantity	Description of Work	Rate	Per	Amount
1	1.00	Supplying and Delivery of 5HP Air compressor motor three phase of best approved brand suitable for borewell with ISI mark etc all complete. (Quotation)	72000.00	Each	72000.00
2	1.00	Labour charge for the erection of 5HP Air compressor motor etc all complete. (Quotation)	7500.00	Sqm	7500.00
3		Supply and delivery of HDPE (1Mpa or 10kg/cm2) etc....			0.00
	210.00	a.20mm dia PWD SR P-105/2022-23	35.70	Rmt	7497.00
	210.00	b.32mm dia PWD SR P-105/2022-23	86.80	Rmt	18228.00
4		Supplying and fixing of GI specials etc....			0.00
	1.00	a.32mm dia Hose collar CER No P-146/2020-21	64.00	Each	64.00
	1.00	b.20mm dia Hose collar CER No P-146/2020-21	43.00	Each	43.00
	6.00	c.32mm dia Hose clip CER No P-146/2020-21	45.00	Each	270.00
	4.00	d.20mm dia Hose clip CER No P-146/2020-21	13.00	Each	52.00
	1.00	e.32mm dia Foot valve CER No P-146/2020-21	440.00	Each	440.00
	2.00	f.50mm dia Non return valve TWAD SR P-45/22-23	2498.00	Each	4996.00
	3.00	g.32mm dia gate valve TWAD SR P-45/22-23	999.60	Each	2998.80
	1.00	h.32mm dia Union PWD SR P-46/22-23	127.50	Each	127.50
	3.00	i.32mm dia hex nipple CER No P-146/20-21	60.00	Each	180.00
	2.00	j.32mmx6' nipple (Quotation)	60.00	Each	120.00
	1.00	k.Bore clamp (Quotation)	350.00	Each	350.00
	5.00	l.32mm dia Elbow PWD SR P-46/22-23	87.00	Each	435.00
	2.00	m.32mm dia Tee PWD SR P-46/22-23	98.60	Each	197.20
	4.00	n.32mm dia coupler PWD SR P-47/22-23	46.50	Each	186.00
	6.00	o.15mm dia elbow PWD SR P-46/22-23	15.90	Each	95.40
	6.00	p.15mm dia coupler PWD SR P-47/22-23	13.60	Each	81.60
	2.00	q.15mm dia union PWD SR P-46/22-23	58.10	Each	116.20
	2.00	r.1/2x12" nipple (Quotation)	80.00	Each	160.00
	2.00	s.1/2x6" nipple (Quotation)	40.00	Each	80.00
	2.00	t.15mm dia Hex nipple (Quotation)	40.00	Each	80.00

5		Supplying and laying of GI pipe etc...			0.00
	30.00	a.15mm dia GI pipe PWD SR P-45/22-23	69.80	Each	2094.00
	6.00	b.32mm dia GI pipe PWD SR P-45/22-23	151.40	Each	908.40
6	40.00	Run of 2 Wires of 4 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.	266.14 266.00	Rmt	10645.00 10640.00
7	1.00	Supply and fixing of Three ^{Single} phase Dol Starter confirm to IS specification with ISI mark etc all complete. For compressor TWAD P-115/2022-2023	5641.00	Each	5641.00
8	36.00	Supplying and laying of PVC ^{GI} ASTM pipe below ground level labour charges	81.80	Rmt	2944.80
9	2.40	Earth work excavation in all soils (including refilling)	224.82	Cum	539.57
10	0.80	C.C.1:5:10 for Foundation & Basement	4595.04	Cum	3676.03
11	3.00	Brick work in C.M. 1:5 (F& B) using Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4")a. In F & B	6467.50 6467.00	Cum	19402.50 19401.00
12	2.70	Form work using MS sheet b.Plain surfaces such as Roof slab,floorslab,Beams,lintels,lofts,sill slab,staircase,portico slab and other similar	905.40	Sqm	2444.58
13	0.80	Standardised concrete Mix M20 Grade Concrete a.In Foundation and basement	7581.93	Cum	6065.54
14	0.064	Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	87298.50	MT	5587.10
15	21.20	Plastering in C.M. 1:5, 12 mm tk.	237.89	Sqm	5043.27
16	40.50	Sppllyng and fixing of M.s Grills	70.15	Kg	2841.08
17	40.00	Supplying and laying of 25mm dia PVC pipe heavy duty with ISI mark etc...	96.49	Rmt	3859.60
18	2.00	Supplying and fixing of UPVC gate valve etc.....a.32mm dia UPVC valve (Quotation)	180.00	Each	360.00
	2.00	b.25mm dia UPVC valve (Quotation)	98.00	Each	196.00
SUB TOTAL - I					188545.27
Add for State Goverement Service Tax @ 6%					11312.72
Add for Central Goverement Service Tax @ 6%					11312.72
SUB TOTAL - II					211170.71
LS Provision for Geological charges					2500.00
SUB TOTAL - III					213670.71
Labour Welfare Fund @ 1%					2136.71
Supervision Charges @ 7.5%					16025.30
GRAND TOTAL					231832.72
			Say	Rs.	2.32 Lakhs

188426.57

11305.59

11305.59

211037.71

2500.00

213587.71

2136.88

16054.59

231827.73

2,31,900/-

EXECUTIVE ENGINEER
TAMIL NADU POLICE HOUSING CORPORATION LTD.
TRUTHFUL VILL DIVISION