

NAME OF WORK: CONSTRUCTION OF RURAL POLICE STATION BUILDING WITH DEVELOPMENT WORKS AT VALLINOKKAM IN RAMANATHAPURAM DISTRICT

Sl. No	Description	Estimate Rate for the year 2018-2019			Rate quoted by Tr.G.Manoharan		Rate quoted by Tr.N.Senthil Kumar		Negotiate Rate by Tr.N.Senthil Kumar		Ab-Sub Normal
		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount	Amount	
1	1.1) Earth work excavation for foundation in all soils (including refilling) a. 0 to 2 mt.	168.60	1 Cum	134.60	22693.56	134.60	22693.56	160.00	26976.00	26976.00	18.87
2	b. 2 to 3 mt.	26.20	1 Cum	140.80	3688.96	140.80	3688.96	150.00	3930.00	3930.00	6.53
3	1.5) Earth work excavation for Open foundation (excluding refilling) a. 0 to 2 mt.	41.00	1 Cum	63.60	2607.60	63.60	2607.60	70.00	2870.00	2870.00	10.06
4	b. 2 to 3 mt.	4.50	1 Cum	69.80	314.10	69.80	314.10	80.00	360.00	360.00	14.61
5	1.6) Earth work excavation for Open foundation for drains (excluding refilling) width upto 1.25 m a. 0 to 2 mt.	3.50	1 Cum	95.40	333.90	70.00	245.00	100.00	350.00	350.00	4.82
6	2.1) Supplying and filling with sand	31.70	1 Cum	594.25	18837.73	594.25	18837.73	700.00	22190.00	22190.00	17.80
7	2.2) Sand gravel mix	19.70	1 Cum	1170.57	23060.23	1000.00	19700.00	1400.00	27580.00	27580.00	19.60
8	2.6) Supplying and filling with 40mm HBSJ	6.00	1 Cum	1424.45	8546.70	1424.45	8546.70	1400.00	8400.00	8400.00	-1.72
9	2.7) Supplying and filling with 20mm HBSJ	3.00	1 Cum	1788.45	5365.35	1788.45	5365.35	1700.00	5100.00	5100.00	-4.95
10	3.1) C.C.1:5:10 using 40mm size HBSJ for Foundation & Basement	22.60	1 Cum	3438.00	77698.80	3438.00	77698.80	4100.00	92660.00	92660.00	19.26
11	3.2) P.C.C. 1:2:4 using 20mm size HBSJ for Foundation & Basement and other similar works	3.10	1 Cum	4840.63	15005.95	4840.63	15005.95	4500.00	13950.00	13950.00	-7.04
12	3.3) P.C.C. 1:8:16 using 20 mm broken brick jelly	0.20	1 Cum	2752.88	550.58	2752.88	550.58	2500.00	500.00	500.00	-9.19

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175254.32

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		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
13	12.1) Brick partition work in C.M. 1:4 using kilm burnt Country bricks of size 22 x 11 x 5 cm (8 3/4" x 4 1/4" x 2") 50mm tk. a. In Ground Floor	7.40	1 Sqm	284.57	2105.82	284.57	2105.82	280.00	2072.00	280.00	2072.00	280.00	2072.00	-1.61
14	b. In First Floor	9.00	1 Sqm	289.09	2601.81	289.09	2601.81	260.00	2340.00	260.00	2340.00	260.00	2340.00	-10.06
15	13.1) Filling with excavated earth	31.80	1 Cum	22.20	705.96	22.20	705.96	30.00	954.00	26.00	826.80	26.00	826.80	17.12
16	21.2) Teak wood Wrought & Put up a. T.W. over 2.00 m & below 3.00 m	0.126	1 Cum	114146.00	14382.40	114146.00	14382.40	100000.00	12600.00	100000.00	12600.00	100000.00	12600.00	-12.39
17	b. T.W. below 2.00 m length.	0.232	1 Cum	102442.00	23766.54	102442.00	23766.54	90000.00	20880.00	90000.00	20880.00	90000.00	20880.00	-12.15
18	23.3) Supplying and fixing of Magnetic door catches	12.00	Each	52.00	624.00	52.00	624.00	50.00	600.00	50.00	600.00	50.00	600.00	-3.85
19	25) Supplying and fixing of MS hold fast	66.00	Each	9.60	633.60	9.60	633.60	10.00	660.00	10.00	660.00	10.00	660.00	4.17
20	26) Flooring in C.C. 1:5:10 using 40mm size HBS.	11.30	1 Cum	3438.00	38849.40	3200.00	36160.00	4100.00	46330.00	4100.00	46330.00	4100.00	46330.00	19.26
21	28) Floor plastering in C.M. 1:4, 20mm thick.	26.10	1 Sqm	302.78	7902.56	302.78	7902.56	250.00	6525.00	250.00	6525.00	250.00	6525.00	-17.43
22	30) Ellispattern flooring	24.70	1 Sqm	297.21	7341.09	297.21	7341.09	280.00	6916.00	280.00	6916.00	280.00	6916.00	-5.79
23	31) Weathering course over roof slab with proportion of brick jelly 20mm to lime (32:12 1/2) by volume	2.50	1 Cum	2843.84	7109.60	2843.84	7109.60	2800.00	7000.00	2800.00	7000.00	2800.00	7000.00	-1.54
24	33) Plastering in C.M. 1:5, 12 mm tk.	1540.30	1 Sqm	146.59	225792.58	140.00	215642.00	130.00	200239.00	130.00	200239.00	130.00	200239.00	-11.32
25	34) Plastering in C.M. 1:4, 12 mm tk.	102.50	1 Sqm	152.16	15596.40	152.16	15596.40	140.00	14350.00	140.00	14350.00	140.00	14350.00	-7.99
26	35) Spl. Ceiling plastering in C.M 1:3, 10 mm tk.	288.20	1 Sqm	169.57	48870.07	169.57	48870.07	150.00	43230.00	150.00	43230.00	150.00	43230.00	-11.54

574985.00

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		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount	
27	36) Plastering for Border in C.M. 1:5, 12 mm tk. a. 150 mm wide	80.10	1 Rmt	45.48	3642.95	45.48	3642.95	40.00	3204.00	-12.05
28	b. 75 mm wide	257.70	1 Rmt	29.55	7615.04	29.55	7615.04	30.00	7731.00	1.52
29	c. 50 mm wide	103.30	1 Rmt	21.98	2270.53	21.98	2270.53	20.00	2066.00	-9.01
30	37.1) White washing 3 coats (slaked)	288.20	1 Sqm	26.25	7565.25	26.25	7565.25	25.00	7205.00	-4.76
31	39) Supplying and fixing of MS Grills in position	1850.00	1 Kg	53.60	99160.00	53.60	99160.00	55.00	101750.00	2.61
32	40) Painting 2 coats - New "wood work"	49.00	1 Sqm	162.42	7958.58	162.42	7958.58	140.00	6860.00	-13.80
33	41) Painting 2 coats - New "iron work"	126.20	1 Sqm	96.93	12232.57	96.93	12232.57	90.00	11358.00	-7.15
34	46) Supplying and fixing of 20 mm dia Alu. Hanger Rod	6.40	1 Rmt	58.00	371.20	58.00	371.20	60.00	384.00	3.45
35	47) Supplying and fixing of Alu. Towel rail 75 cm long	4.00	Each	95.00	380.00	95.00	380.00	90.00	360.00	-5.26
36	48) Supplying and fixing of 5 pin Coat stand	8.00	Each	55.00	440.00	55.00	440.00	55.00	440.00	
37	49) Supplying and fixing of Chromium plated 8 gauge picture hook	44.00	Each	1.50	66.00	2.00	88.00	2.00	88.00	66.00
38	50.3) Supplying and planting avenue trees	5.00	Each	316.11	1580.55	316.11	1580.55	300.00	1500.00	-5.10
39	50.4) Providing Tree guard	5.00	Each	649.40	3247.00	649.40	3247.00	500.00	2500.00	-23.01
40	50.5) Supplying fabricating and erection of M.S Scheme name board	1.00	Each	13655.62	13655.62	13655.62	8000.00	8000.00	8000.00	-41.42
41	59.5) Supplying and fixing of Gully Trap using Kiln burnt country bricks of size 22 x 11 x 7 cm.	9.00	Each	1214.14	10927.26	1214.14	10927.26	1000.00	9000.00	-17.64

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VALLIORKKAM RPS												
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		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount			
42	60) Supplying and fixing of PVC Nahani trap (4way/2way)	11.00	Each	129.20	1421.20	129.20	1421.20	120.00	1320.00	120.00	1320.00	-7.12
43	61.2) Supplying, laying the Stone ware pipe dry condition in position a. 100 mm dia	10.00	1 Rmt	172.33	1723.30	145.00	1450.00	150.00	1500.00	150.00	1500.00	-12.96
44	62.2) Supplying and fixing of Stoneware Tee a. 100 mm dia	2.00	Each	121.50	243.00	120.00	240.00	120.00	240.00	120.00	240.00	-1.23
45	Electrical arrangements 72) Supplying and fixing of Box type Fibre Fan hook	17.00	Each	33.90	576.30	33.90	576.30	30.00	510.00	30.00	510.00	-11.50
46	73.1) Supplying and fixing of 3 phase Distribution board with 6 way per phase and 32A Fuse unit per way with neutral link	2.00	Each	3737.00	7474.00	600.00	1200.00	3000.00	6000.00	3000.00	6000.00	-19.72
47	74) Charges for fixing of "Fan"	17.00	Each	347.00	5899.00	347.00	5899.00	300.00	5100.00	300.00	5100.00	-13.54
48	76) Supplying and fixing of 8 SWG G.I. wire	15.00	1 Rmt	18.00	270.00	14.00	210.00	17.00	255.00	17.00	255.00	-5.56
49	77.3) Supplying and fixing of TV/Telephone line Socket	9.00	Each	75.00	675.00	75.00	675.00	60.00	540.00	60.00	540.00	-20.00
50	77.4) Supplying and fixing of 20mm dia PVC pipe for TV/Telephone line	55.00	1 Rmt	58.07	3193.85	58.07	3193.85	50.00	2750.00	50.00	2750.00	-13.90
51	78) Providing Earthing Station using pipe electrode as per IS3043 (Type I)	1.00	Each	2020.00	2020.00	2010.00	2010.00	1700.00	1700.00	1700.00	1700.00	-15.84
52	81) Supplying and fixing of meter cupboard with best Country wood double leaves shutters	0.70	1 Sqm	1959.10	1371.37	1959.10	1371.37	1500.00	1050.00	1500.00	1050.00	-23.43
53	86) Providing Pre-construction Anti termite treatment	136.30	1 Sqm	34.00	4634.20	34.00	4634.20	34.00	4634.20	34.00	4634.20	
54	238) Anticorrosive treatment for steel grills	12.93	1 MT	3769.50	48739.64	3000.00	38790.00	4000.00	51720.00	4000.00	51720.00	6.11
55	Annexure 2.1.2) Supplying and filling the basement with well gravel	115.70	1 Cum	649.45	75141.37	900.00	104130.00	700.00	80990.00	700.00	80990.00	7.78

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890168.00

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		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount	Amount	
56	4.2.1) Standardized Concrete mix M30 Grade a. In Foundation and basement	36.50	1 Cum	6174.52	225369.98	6100.00	222650.00	7000.00	255500.00	255500.00	13.37
57	6.5.1) Brick work in C.M. 1:5 (F&B) using fly ash bricks of size 23 x 11 x 7 cm	54.90	1 Cum	5164.24	283516.78	5000.00	274500.00	5000.00	274500.00	274500.00	-3.18
58	8.2.1) Standardized Concrete mix M30 Grade a. In Ground Floor	32.80	1 Cum	6242.52	204754.66	5500.00	180400.00	7100.00	232880.00	232880.00	13.74
59	b. In First Floor	29.00	1 Cum	6376.52	184919.08	5950.00	172550.00	7200.00	208800.00	208800.00	12.91
60	c. In Second Floor	5.30	1 Cum	6510.52	34505.76	6300.00	33390.00	7300.00	38690.00	38690.00	12.13
61	9.5.1) Brick work in C.M. 1:6 using fly ash bricks of size 23 x 11 x 7 cm a. In Ground Floor	38.80	1 Cum	5142.67	199535.60	5000.00	194000.00	4800.00	186240.00	186240.00	-6.66
62	b. In First Floor	46.90	1 Cum	5232.97	245426.29	5000.00	234500.00	4900.00	229810.00	229810.00	-6.36
63	c. In Second Floor	9.20	1 Cum	5323.27	48974.08	5323.27	48974.08	5000.00	46000.00	46000.00	-6.07
64	10.5.1) Brick partition wall in C.M. 1:4 using fly ash bricks of size 23x11x7 cm 110 mm tk (B.P.) a. In Foundation & basement	50.60	1 Sqm	635.72	32167.43	635.72	32167.43	600.00	30360.00	30360.00	-5.62
65	b. In Ground Floor	28.10	1 Sqm	640.65	18002.27	640.65	18002.27	610.00	17141.00	17141.00	-4.78
66	c. In First Floor	73.20	1 Sqm	650.58	47622.46	650.58	47622.46	620.00	45384.00	45384.00	-4.70
67	d. In Second Floor	10.80	1 Sqm	660.51	7133.51	660.51	7133.51	630.00	6804.00	6804.00	-4.62
68	11.5.1) Brick partition wall in C.M. 1:4 fly ash brick of size 23x11x7cm 70 mm tk (B.P.) a. In Ground Floor	7.20	1 Sqm	428.31	3083.83	428.31	3083.83	400.00	2880.00	2880.00	-6.61
69	b. In First Floor	21.80	1 Sqm	434.63	9474.93	434.63	9474.93	410.00	8938.00	8938.00	-5.67

2473966.60

2374050.15

2473244.20

2474095.00

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70	14.2.1) Precast Cupboard slab in standardised concrete mix M30 Grade by using 3mm - 10mm HBGS Jelly 40MM Thick a. In Foundation & Basement	6.80 ✓	1 Sqm	969.53 ✓	6592.80	949.37 ✓	6455.72	700.00 ✓	4760.00	700.00 ✓	4760.00			-27.80
71	15.1.1) Cuddapah Slab 20mm tk. for cupboard slab / similar works a. In Ground Floor	9.40 ✓	1 Sqm	451.56 ✓	4244.66	451.56 ✓	4244.66	400.00 ✓	3760.00	400.00 ✓	3760.00			-11.42
72	b. In First Floor	25.40 ✓	1 Sqm	454.24 ✓	11537.70	454.24 ✓	11537.70	410.00 ✓	10414.00	410.00 ✓	10414.00			-9.74
73	15.2.1) Cuddapah Slab 40mm tk. for cupboard slab / similar works a. In Ground Floor	3.30 ✓	1 Sqm	480.20 ✓	1584.66	952.12 ✓	3142.00	450.00 ✓	1485.00	450.00 ✓	1485.00			-6.29
74	b. In First Floor	12.40 ✓	1 Sqm	482.92 ✓	5988.21	957.53 ✓	11873.37	460.00 ✓	5704.00	460.00 ✓	5704.00			-4.75
75	18.1) Formwork using M.S.Sheet a. For Column footings, plinth beam, Grade beam. Raftbeam, Raft slab etc.,	158.30 ✓	1 Sqm	498.94 ✓	78982.20	498.94 ✓	78982.20	400.00 ✓	63320.00	400.00 ✓	63320.00			-19.83
76	b. Pl n surfaces such as Roof slab, floor slab, Beam, lintels, Jofts, sill slab, staircase, portico slab and other similar works	596.50 ✓	1 Sqm	573.61 ✓	342158.37	500.00 ✓	298250.00	450.00 ✓	268425.00	450.00 ✓	268425.00			-21.55
77	c. For Square and rectangular columns and small quantities	189.00 ✓	1 Sqm	688.33 ✓	130094.37	600.00 ✓	113400.00	600.00 ✓	113400.00	600.00 ✓	113400.00			-12.83
78	21.5.2) Supplying and fixing of solid UPVC door shutter with frame	11.50 ✓	1 Sqm	2670.00 ✓	30705.00	2670.00 ✓	30705.00	2200.00 ✓	25300.00	2200.00 ✓	25300.00			-17.60
79	21.5.3) Supplying and fixing in position of UPVC window of casement type (open) for all sizes	37.40 ✓	1 Sqm	6000.00 ✓	224400.00	6000.00 ✓	224400.00	5000.00 ✓	187000.00	5000.00 ✓	187000.00			-16.67
80	21.5.4) Supplying and fixing in position of UPVC louvered ventilator type for all sizes	4.10 ✓	1 Sqm	6500.00 ✓	26650.00	6500.00 ✓	26650.00	6000.00 ✓	24600.00	6000.00 ✓	24600.00			-7.69
81	21.5.5) Supplying and fixing of UPVC sliding window a. 1.5) x 1.35 mm (Three track)	2.10 ✓	1 Sqm	3750.00 ✓	7875.00	6000.00 ✓	12600.00	3200.00 ✓	6720.00	3200.00 ✓	6720.00			-14.67

3514779.66

399620.79

3189132.20

3188983.00

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82	21.6.1) R.C.C. Door frames of size 100x75mm with one edge grooves size 't' x 20mm using standardised concrete mix M 30 Grade a. 900 x 2100mm	10.00	Each	1741.84	17418.40	1722.08	17220.80	1500.00	15000.00	15000.00	-13.88
83	23.1.1) T.W single leaf door shutter using 9mm thick phenol bonded BWR grade plywood with brass screws. Suitable for door of size a. 900 x 2100mm	1.70	1 Sqm	2930.58	4981.99	2700.00	4590.00	2600.00	4420.00	4420.00	-11.28
84	b. 1000 x 2100mm	16.70	1 Sqm	2824.42	47167.81	2824.42	47167.81	2600.00	43420.00	43420.00	-7.95
85	23.5) Supplying and fixing of door with Iron bar & M.S Flat for the door Shutter (Lockup) a. 1000 x 2100 mm	2.00	Each	7353.65	14707.30	7353.65	14707.30	6500.00	13000.00	13000.00	-11.61
86	24.1.1) Supplying and fixing of ventilator with iron bars and MS flats (Lock up) a) V-1000 x 600mm	0.60	1 Sqm	3676.63	2205.98	3297.04	1978.22	3500.00	2100.00	2100.00	-4.80
87	b) V-1200 x 600mm	1.50	1 Sqm	3559.63	5339.45	3297.04	4945.56	3500.00	5250.00	5250.00	-1.68
88	27.5.2) B.W in C.M. 1:4 for OHT in terrace by using fly ash bricks of size 23x11x7 cm b) In Second Floor	1.20	1 Cum	5489.19	6587.03	5489.19	6587.03	5200.00	6240.00	6240.00	-5.27
89	29.8) Supplying and fixing of Glazed tiles using Grout (Tile Joint Filler)	103.50	1 Sqm	938.17	97100.60	938.17	97100.60	700.00	72450.00	72450.00	-25.39
90	29.9) Supplying and laying of Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).	19.90	1 Sqm	834.60	16608.54	834.60	16608.54	700.00	13930.00	13930.00	-16.13
91	32.1.2) Finishing the top of terrace floor with one course of Anti reflective ceramic tiles (Cooling tiles) 305mmx305mmx7mm tk in C.M 1:3 20mm tk without Base concrete including pointing etc.,	140.00	1 Sqm	1022.15	143101.00	1068.00	149520.00	750.00	105000.00	105000.00	-26.63
92	35.1) Plastering in CM 1:3, 12 mm tk. with WPC	11.00	1 Sqm	169.37	1863.07	169.37	1863.07	150.00	1650.00	1650.00	-11.44

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93	38.4) Two coats of cement paint over the existing primer coat of white cement	11.00 ✓	1 Sqm	80.10 ✓	881.10	151.87 ✓	1670.57	80.00 ✓	880.00	80.00 ✓	880.00	-0.12
94	38.4.1) Two coat of Oil Bound Distemper over the primer coat of white cement	898.00 ✓	1 Sqm	75.46 ✓	67763.08	75.46 ✓	67763.08	60.00 ✓	53880.00	60.00 ✓	53880.00	-20.49
95	38.6) Primer coat using one coat of white cement over the cement plastered/ concrete new wall surfaces or other similar works	909.00 ✓	1 Sqm	36.99 ✓	33623.91	36.99 ✓	33623.91	25.00 ✓	22725.00	25.00 ✓	22725.00	-32.41
96	43.1.1) Supplying, Fabricating and fixing of Mild steel / RTS grills (without cement slurry wash) reinforcement for all sizes of rods (Binding Wire insulated with PVC)	12.93 ✓	1 MT	62159.30 ✓	803719.75	61875.00 ✓	800043.75	65000.00 ✓	840450.00	65000.00 ✓	840450.00	4.57
97	44.2) Rain water harvesting using defunct borewell and providing perforated cover slab in Standardised concrete mix M30 Grade by using 3mm-10mm HBGS Jelly a) Providing pit	4.00 ✓	Each	1300.19 ✓	5200.76	1284.26 ✓	5137.04	1100.00 ✓	4400.00	1100.00 ✓	4400.00	-15.40
98	b) Augering 30cm dia	12.00 ✓	1 Rmt	316.86 ✓	3802.32	316.86 ✓	3802.32	300.00 ✓	3600.00	300.00 ✓	3600.00	-5.32
99	44.6.1) PVC SWR 110 mm dia with ISI mark type-A for rain water down fall pipe (UPVC Special Clamp)	57.00 ✓	1 Rmt	279.36 ✓	15923.52	273.87 ✓	15610.59	250.00 ✓	14250.00	250.00 ✓	14250.00	-10.51
100	45.1) Providing Stucco plastering 12mm thick, using Colour Marble chips of size 10mm and below using 72.00 kgs of cement 14.50 kgs of colour cement and 0.15 cum of colour Marble chips for every 10 sqm area over the existing plastered surface	583.00 ✓	1 Sqm	254.31 ✓	148262.73	208.70 ✓	121672.10	250.00 ✓	145750.00	250.00 ✓	145750.00	-1.69
101	50.6) Precast slab 50 mm tk.in C.C. 1:3:6 mixed with fibre	29.30 ✓	1 Sqm	296.00 ✓	8672.80	296.00 ✓	8672.80	290.00 ✓	8497.00	290.00 ✓	8497.00	-2.03
102	52.2) Supplying, laying, fixing and jointing the following pipes as per ASTM D-1785 of schedule 40 including the cost of suitable UPVC specials with PVC special clamps etc., a. 32 mm dia	30.00 ✓	1 Rmt	168.56 ✓	5056.80	167.93 ✓	5037.90	150.00 ✓	4500.00	150.00 ✓	4500.00	-11.01
103	b. 25 mm dia	89.00 ✓	1 Rmt	152.60 ✓	13581.40	151.97 ✓	13525.33	140.00 ✓	12460.00	140.00 ✓	12460.00	-8.26

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Sl. No	Description	Estimate Rate for the year 2018-2019			Rate quoted by Tr.G.Manojharan		Rate quoted by Tr.N.Senthil Kumar		Negotiate Rate by Tr.N.Senthil Kumar		Ab-Sub Normal
		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount	Amount	
104	52.4.1) Supplying, laying, fixing and jointing the following pipes as per ASTM D-1785 of schedule 40 including the cost of suitable UPVC specials with PVC special clamps etc., (fully consensed in walls) c. 20mm dia	74.00	1 Rmt	149.81	11085.94	149.18	11039.32	120.00	8880.00	8880.00	-19.90
105	53.4) Supplying and fixing of CI Manhole cover of size 60 x 60cm (50kg weight)	3.00	Each	1725.00	5175.00	1725.00	5175.00	2000.00	6000.00	6000.00	15.94
106	53.5) Supplying and fixing of Wash hand basin (white) of size 550 mm x 400 mm	5.00	Each	2526.82	12634.10	2526.00	12630.00	2000.00	10000.00	10000.00	-20.85
107	54.1.2) Supplying and fixing of 15mm dia Engineering Polymer Tap (Long body)	6.00	Each	185.00	1110.00	420.00	2520.00	250.00	1500.00	1344.00	21.08
108	54.2.2) Supplying and fixing of 15mm dia Engineering Polymer Tap (Short body)	8.00	Each	174.00	1392.00	372.00	2976.00	250.00	2000.00	1680.00	20.69
109	56.3.1) Supplying and fixing of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR Grade 'P' or 'S' trap - in G.F.	4.00	Each	2326.98	9307.92	2357.81	9431.24	2100.00	8400.00	8400.00	-9.75
110	57.2) Supplying and fixing of EWC (White) 500mm with PVC SWR grade "P" or "S" Trap	4.00	Each	5127.80	20511.20	5127.80	20511.20	4500.00	18000.00	18000.00	-12.24
111	58.3) Supplying and fixing of PVC SWR pipe (Soil line) with ISI mark - type 'B'. a. 110 mm dia.	52.50	1 Rmt	518.65	27229.13	518.65	27229.13	400.00	21000.00	21000.00	-22.88
112	b. 75 mm dia	36.50	1 Rmt	406.75	14846.38	406.75	14846.38	300.00	10950.00	10950.00	-26.24
113	58.4) Supplying, Laying & Concealing the 50mm dia PVC (SWR) pipe with ISI mark type 'B' with relevant specials.	6.00	1 Rmt	81.20	487.20	65.00	390.00	75.00	450.00	450.00	-7.64
114	58.5) Supplying and fixing of PVC (SWR) pipe with ISI mark - type 'A' for Ventilating shaft with cowl a) 110mm dia PVC SWR pipe of 3m with required PVC cowl & PVC specials etc.,	1.00	Each	439.40	439.40	439.40	439.40	400.00	400.00	400.00	-8.97

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VALLINOKKAM RPS												
Sl.No	Description	Estimate Rate for the year 2018-2019				Rate quoted by Tr.G.Manoharan		Rate quoted by Tr.N.Senthil Kumar		Negotiate Rate by Tr.N.Senthil Kumar		Ab-Sub Notional
		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
115	61.1.1) Supplying and fixing of UPVC Non Pressure Pipe of SN8 SDR 34 (S 16.5) as per IS 15328/2003 a) 110mm dia UPVC Non Pressure pipe	44.00	1 Rmt	336.42	14802.48	335.28	14752.32	300.00	13200.00	300.00	13200.00	-10.83
116	62.1.1) Supplying and fixing of PVC Bend fabricated 6 KSC PVC specials as per IS 10124/1982 Part II a) 110mm dia PVC Bend	2.00	Each	248.00	496.00	236.00	472.00	200.00	400.00	200.00	400.00	-19.35
117	62.2.1) Supplying and fixing of PVC Equal Tee (mould) BIS 7834/1975 PVC specials as per IS 10124/1982 Part-II a) 110mm dia PVC Equal Tee	2.00	Each	303.00	606.00	289.00	578.00	250.00	500.00	250.00	500.00	-17.49
118	64.1.1) Wiring with 1.5 sqmm Copper PVC insulated unsheathed single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 1.1 K.V. grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size PVC box (Fire Retarded Box) a. Light point with ceiling rose	39.00	Each Point	1075.00	41925.00	1070.00	41730.00	750.00	29250.00	750.00	29250.00	-30.23
119	b. Light point without ceiling rose	23.00	Each Point	1078.00	24794.00	1074.00	24702.00	700.00	16100.00	700.00	16100.00	-35.06
120	c. Calling bell point with Buzzer/Calling bell	2.00	Each Point	1107.00	2214.00	1102.00	2204.00	780.00	1560.00	780.00	1560.00	-29.54
121	65.1.1) Wiring with 1.5 sqmm Copper PVC insulated unsheathed single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 1.1 K.V. grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size PVC box (Fire Retarded Box) for Fan Point	17.00	Each Point	1125.00	19125.00	1126.00	19142.00	800.00	13600.00	800.00	13600.00	-28.89

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Sl. No	Description	Estimate Rate for the year 2018-2019			Rate quoted by Tr. G. Manoharan		Rate quoted by Tr. N. Senthil Kumar		Negotiate Rate by Tr. N. Senthil Kumar		Ab-Sub Normal
		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount		
122	66.1.1) Wiring with 1.5 sqmm Copper PVC insulated unsheathed single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 1.1 K. V. grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size PVC box (Fire Retarded Box) for Staircase Light Point.	2.00	Each Point	1983.00	3966.00	1973.00	3946.00	1300.00	2600.00	-34.44	
123	67.1.2) Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for 5 amps 5 pin plug socket point PVC box (Fire Retarded Box) Switch Board Itself.	13.00	Each Point	540.00	7020.00	540.00	7020.00	450.00	5850.00	-16.67	
124	68.2.1) Wiring with 1.5 sqmm Copper PVC insulated unsheathed single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 1.1 K. V. grade cable in fully concealed PVC rigid conduit pipe heavy duty with ISI mark with suitable size PVC box (Fire Retarded Box) for 5 amps 5 pin plug socket point at Convenient Places.	14.00	Each Point	758.00	10612.00	752.00	10528.00	600.00	8400.00	-20.84	
125	69.1) Supplying and fixing of 15 amps pin flush type plug using (PVC Box, Fire Retarded Box)	5.00	Each	128.98	644.90	125.00	625.00	120.00	600.00	-6.96	
126	71.2) Supplying and fixing of 32 Amps triple pole main switch	1.00	Each	1340.00	1340.00	1340.00	1340.00	850.00	850.00	-36.57	
127	75.1.2) Supplying and delivery of fan with electronic dimmer with ISI mark a) 48" (1200mm) sweep	17.00	Each	1238.30	21051.10	1238.30	21051.10	1300.00	22100.00	3.37	
128	77.6) Run off 2 Wires of 4 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 in fully concealed.	60.00	1 Rmt	186.00	11160.00	150.00	9000.00	130.00	7800.00	-30.11	
129	77.7) Run off 2 Wires of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 in fully concealed	175.00	1 Rmt	155.00	27125.00	125.00	21875.00	110.00	19250.00	-29.03	

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Sl.No	Description	Estimate Rate for the year 2018-2019			Rate quoted by Tr.G.Manojharan			Rate quoted by Tr.N.Senthil Kumar			Negotiate Rate by Tr.N.Senthil Kumar			Ab-Sub Noted
		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
130	79.2.) Supplying and fixing of 3 Nos. of 32 Amps Fuse Unit	2.00	Each	600.00	1200.00	600.00	1200.00	500.00	1000.00	500.00	1000.00			-16.67
131	80.1) Supplying and fixing of 450x375x20mm T.W. plank	2.00	Each	990.00	1980.00	990.00	1980.00	900.00	1800.00	900.00	1800.00			-9.09
132	85.1) Supplying of G.I pipe 40 mm dia. 'B' class	6.00	1 Rmt	155.00	930.00	155.00	930.00	140.00	840.00	140.00	840.00			-9.68
133	87.1) Supplying and fixing of Three Phase ELCB/RCCB	2.00	Each	2695.00	5390.00	2695.00	5390.00	2000.00	4000.00	2000.00	4000.00			-25.79
134	87.2.) Supplying and fixing of 20 Amps DP plug and socket in sheet enclosure with 32A DP MCB in Flush with wall with earth connection (For AC Plug)	2.00	Each	1692.00	3384.00	300.00	600.00	1500.00	3000.00	1500.00	3000.00			-11.35
135	98.3) T.W. single leaf Panelled door shutter with brass screws Suitable for door of size a. 900 x 2100mm	1.70	1 Sqm	4246.85	7219.65	4500.00	7650.00	3000.00	5100.00	3000.00	5100.00			-29.36
136	99) T.W. double leaves Panelled door shutter with brass fittings Suitable for door of size a. 1800 x 2100mm	3.40	1 Sqm	4926.21	16749.11	4926.21	16749.11	3500.00	11900.00	3500.00	11900.00			-28.95
137	105.1) Run off main 4 wires of 4 Sq mm. (EB service connection)	30.00	1 Rmt	197.00	5910.00	197.00	5910.00	160.00	4800.00	160.00	4800.00			-18.78
138	112.1) Supplying and fixing of Exhaust Fan 225m dia	5.00	Each	1538.71	7693.55	1538.71	7693.55	1300.00	6500.00	1300.00	6500.00			-15.51
139	238.1) Anticorrosive treatment for window grills	1.85	1 MT	2010.25	3718.96	2010.25	3718.96	2000.00	3700.00	2000.00	3700.00			-0.51
140	344.2) Supplying and fixing of Bevelled Edge Mirror of size 500x400x5.5mm	5.00	Each	355.00	1775.00	355.00	1775.00	350.00	1750.00	350.00	1750.00			-1.41
141	361) Supplying and laying of Concrete designer tiles flooring	92.20	1 Sqm	1057.44	97495.97	1057.01	97456.32	900.00	82980.00	900.00	82980.00			-14.89
142	367) Providing wooden melamen polish for main door new wood work	9.00	1 Sqm	997.28	8975.52	997.28	8975.52	1000.00	9000.00	1000.00	9000.00			0.27

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Sl No	Description	Estimate Rate for the year 2018-2019				Rate quoted by Tr.G.Manoharan		Rate quoted by Tr.N.Senthil Kumar		Negotiate Rate by Tr.N.Senthil Kumar	Ab-Sub Normal	
		Qty	Unit	Rate	Amount	Rate	Amount	Rate	Amount	Rate		Amount
143	378.1) Supplying and fixing of Vitrified tiles (Ivory) in CM 1:3, 20mm tk	93.20	1 Sqm	909.76	84789.63	880.00	82016.00	700.00	65240.00	700.00	65240.00	-23.06
144	379.5) Supplying and laying of Granite tiles flooring of size 2'x1', 10mm tk (Ruby red) over cement plastering in CM 1:3 20mm thick	62.70	1 Sqm	1208.46	75770.44	1208.46	75770.44	800.00	50160.00	800.00	50160.00	-33.80
145	448.2) Providing Tee with end cap 32mm dia instead of PVC Bottle trap	5.00	Each	87.00	435.00	85.00	425.00	80.00	400.00	80.00	400.00	-8.05
	TOTAL AMOUNT				5392865.62		5239562.12		5064794.20		5063829.00	
	GST @12% (SGST @ 6% + CGST @ 6%)				647143.87		628747.45		607775.30		607659.48	
	GRAND TOTAL				6040009.49		5868309.57		5672569.50		5671488.48	
	LESS AMOUNT						-171699.92		-367439.99		-368521.01	
	LESS PERCENTAGE						-2.84		-6.08		-6.10	

Submitted

The lowest and negotiated tender of Tr.N.Senthil Kumar for a value of ₹.56,71,488.48 which is ₹.3,68,521.01 or at (-)6.10% less than the estimate value of ₹.60,40,009.49 (2018-2019) may be considered and accepted by the Chairman and Managing Director, TNPSC Ltd., Chennai-10

A. P. E. G. W. 1901
Superintending Engineer, 19
South Circle TNPSC Ltd.

SDO

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25/11/2019
J.E

25/11/2019
J.D.O

25/11/2019
D.M

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CERGM (F&A)/CS (F&A)
24/3

25/11/2019
C.M.D./TNPSC
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Annexure - F

Checklist to be enclosed along with tender

NAME OF WORK: Construction of Rural Police Station building with development works at Vallinokkam in Ramanathapuram District

SL. NO.	Description	Remarks of Assistant Executive Engineer	Remarks of Executive Engineer	Remarks of Superintending Engineer with Recommendations
1	Location and Nature of Soil	Panchayat, Sandy clay ✓	Panchayat, Sandy clay ✓	Panchayat, Sandy clay ✓
2	Nature of the Work	Police Station	Police Station	Construction of Police Station building
3	Source and Availability of Material	Available ✓	Available	Available
4	Source and Availability of Labour	Available	Available ✓	Available ✓
5	Availability of water and other Resources	Out source ✓	Out source ✓	Out source ✓
6	Scope of response if go for retender	Poor response	Response may be less	Chances are less
7	Previous Performance of the Contractor	Satisfactory	Satisfactory	Satisfactory ✓
8	Financial implication if tender is accepted (ie Revised FS considering tender value)	----	----	----
9	Specific Remarks if any	----	----	If the tender is not considered further financial implications will be occurred. ✓


 Superintending Engineer,
 South Circle/TNPHC Ltd.,

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