

26/5/22 @ 1.45 PM

**TAMIL NADU POLICE HOUSING CORPORATION LIMITED**

**No: 132 E.V.R. Salai, Kilpauk, Chennai-10.**

**Memo No: CE/DB/637/2022**

**Date: 24.05.2022.**

**Sub:** TNPHC -HO/DB - South Circle - Madurai Division -  
Construction of 2 No. of SFO and 8 Nos. of Firemen quarters  
with development works at **Bodinayakanur** in Theni Taluk  
Theni District - Estimate Technically Sanctioned - Intimation -  
Regarding.

**Ref:** SE's Lr.No.DB/SC/1642/2022, Dt:18.04.2022.

\*\*\*\*\*

With reference to the above, it is informed that the estimate submitted by the  
Superintending Engineer / South Circle for the above work is technically  
sanctioned by the undersigned for **Rs.2,33,57,000/-** by considering tender savings  
in anticipation of Financial sanction from the Government and registered as  
**CER.No.022 / 2022-2023**, subject to condition that the Superintending Engineer  
/South Circle should give suitable instruction to the Executive Engineer  
concerned to complete the project within the approved fund.

Further the Chairman & Managing Director / TNPHC has permitted to  
technically sanction of the estimate and call for tender, so as to avoid escalation in cost  
due to revision in Schedule of Rates, but work order to be issued after obtaining the  
financial sanction from the Government. The Superintending Engineer /South Circle  
should adhere the above Chairman & Managing Director's /TNPHC instruction strictly.

The Superintending Engineer/South Circle is requested to depute a  
person to this office to take a copy of the above estimate.

The receipt of the memo should be acknowledged

Sd/-  
Chief Engineer/TNPHC

To  
The Superintending Engineer/South Circle  
TNPHC Ltd., Madurai.

Copy to the Executive Engineer / Madurai Dn.  
TNPHC Ltd., Madurai

Copy to the EE/Plg. HO

/Forwarded / By Order/

*Manimla*  
24/5/2022  
Junior Engineer

**TAMIL NADU POLICE HOUSING CORPORATION LIMITED**  
**No. 132 EVR Salai, Kilpauk, Chennai – 600 010.**

Technical sanction slip

**Name of work:** Construction of 2 No. of SFO and 8 Nos. of Firemen quarters  
 with development works at **Bodinayakanur** in Theni Taluk  
 Theni District

F.S.

- ₹ 212.34 Lakhs

G.O.Ms.No.67 Home (Pol-XVII) Dept,  
 Dt:08.02.2022,

In anticipation of tender savings

- ₹ 21.23 Lakhs

Special provision

-

**Total**

- ₹ 233.57 Lakhs

Technically sanctioned for **Rs.2,33,57,000/-** (Rupees Two crores thirty three lakhs  
 and fifty seven thousand only) and registered in CER No. 022/2022-2023.

*[Signature]*  
 24/05/2022  
 JDO

*[Signature]*  
 24/05/2022  
 JE

*[Signature]*  
 24/05/22  
 HDO

*Technically sanctioned  
 for Rs. 2,33,57,000/-*

*[Signature]*  
 24/05/22  
 CE/TNPHC

*[Signature]*  
 24/05/22

# GENERAL ABSTRACT

Name of work : Construction of 2nos SFO and 8nos Firemen quarters with development works at Bodinayakanur Town in Theni District

Sl.No.	Qty	Description	Rate	Unit	Amount
		<b>BUILDING WORKS</b>	<b>AS PER PWD SR 2021-2022</b>		
1	1.00	Construction of 2 SI G+1)	3868526.44	1 unit	✓ 3868526.44
2	1.00	Construction of 8 PC/HC(G+3)	11551394.89	2 unit	✓ 11551394.89
		<b>SUB - TOTAL - I Rs.</b>			<b>15419921.33</b>
		<b>Development works</b>			
3	<del>1.00</del>	RCC Sump	406840.75	1-unit	✓ 406840.75
4	<del>1.00</del>	Plinth protection	216142.03	<del>1-unit</del>	✓ 216142.03
5	<del>1.00</del>	Sullage drain	178357.16	1-unit	✓ 178357.16
6	<del>1.00</del>	Borewell and External water supply arrangements	500078.20	1-unit	✓ 500078.20
7	<del>1.00</del>	Compound wall & Sourround filling	981240.56	4-unit	✓ 981240.56
8	<del>1.00</del>	Paver Block	327395.75	1-unit	✓ 327395.75
9	<del>1.00</del>	UG cable arrangements	407716.28	1-unit	✓ 407716.28
		<b>SUB - TOTAL - II Rs.</b>			<b>18437692.06</b>
10		<b>GST at 12.0% ( GST at 6% + CGST 6% )</b>			<b>2212523.05</b>
		<b>SUB - TOTAL - III Rs.</b>			<b>20650215.11</b>
11		Provision for Soil investigation	LS		50000.00
12		Provision for Septic tank connection to UGD municipality	LS		500000.00
		<b>SUB - TOTAL - III Rs.</b>			<b>21200215.11</b>
13		Labour Welfare fund @ 1.0%	As pr PWD Norms		184376.92
14		unforeseen, Contingencies & PS charges @1%✓	As pr PWD Norms		212397.21
15		Supervision Charges @ 5%✓	-		1060010.76



		SUB - TOTAL - V Rs.	22657000.00
16		Provision for shifting of EB pole & EB service connection	LS 200000.00
17		Advertisement charges	LS 50000.00
18		Provision for EB Deposits	LS 200000.00
19		Provision for planning permission & payment to other department	LS 200000.00
20		Structural Design / Consultancy charges	LS 50000.00
		GRAND TOTAL Rs.	23357000.00

08/05/22  
JDO

08/05/22  
JE

08/05/22  
HDO

12650560.00 - 12

93252.80

20000.00

113252.80

say 113300/-

18438000.00 - 20000.00

2212560.00

20650560.00

**TAMIL NADU POLICE HOUSING CORPORATION LTD**

**ABSTRACT**

Name of work : Construction of 2nos SFO and 8nos Firemen quarters with development works at Bodinayakkanur Town in Theni District

Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
1.1		Earth work excavation in all soils (including refilling)			
	403.300	a. 0 to 2 mt.	204.40	Cum.	82434.52
	153.500	b. 2 to 3 mt.	213.70	Cum.	32802.95
1.5		Earth work excavation for Open foundation (excluding refilling)			
	69.100	a. 0 to 2 mt.	96.60	Cum.	6675.06
1.6		Earth work excavation for Open foundation for drains (excluding refilling) width upto 1.25 m			
	22.500	a. 0 to 2 mt.	144.90	Cum.	3260.25
2.1.3	27.800	<sup>CS</sup> Filling sand	1387.41	Cum.	38570.00
3.1.1	41.800	C.C.1:5:10 for Foundation & Basement	4344.66	Cum.	181606.79
6.6.1	81.800	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") with admixture	6077.43	Cum.	497133.77
9.5.1		Brick work in C.M. 1:6 using Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") with admixture			
	54.300	a. In Ground Floor	6073.91	Cum.	329813.31
	48.100	b. In First Floor	6211.11	Cum.	298754.39
	31.600	c. In Second Floor	6348.31	Cum.	200606.60
	30.600	d. In Third Floor	6485.51	Cum.	198456.61
	8.400	e. In Fourth Floor	6622.71	Cum.	55630.76
10.5.1		Brick partition work in C.M. 1:4 Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") 110 mm tk (B.P.) with admixture			

1925745.01



Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
	261.900	a. In Foundation and basement	732.99	Sqm.	191970.08
	109.900	b. In Ground Floor	740.47	Sqm.	81377.65
	159.700	c. In First Floor	755.56	Sqm.	120662.93
	96.000	d. In Second Floor	770.65	Sqm.	73982.40
	156.100	e. In Third Floor	785.74	Sqm.	122854.01
	19.500	f. In Fourth Floor	800.83	Sqm.	15616.19
11.6		Brick work in C.M. 1:4 Kiln Burnt Country bricks of size 22 x 11 x 7 cm (8 3/4" x 4 1/4" x 2 3/4") 70 mm tk (B.P.) with admixture			
	32.300	a. In Ground Floor	502.70	Sqm.	16237.21
	32.300	b. In First Floor	512.30	Sqm.	16547.29
	20.500	c. In Second Floor	521.90	Sqm.	10698.95
	20.500	d. In Third Floor	531.50	Sqm.	10895.75
12.1		Brick partition in C.M. 1:4 using country bricks of size 22 x 11 x 5 cm 50 mm thick with admixture			
	11.200	a. In Ground Floor	364.74	Sqm.	4085.09
	11.200	b. In First Floor	371.60	Sqm.	4161.92
	5.200	c. In Second Floor	378.46	Sqm.	1967.99
	5.200	d. In Third Floor	385.32	Sqm.	2003.66
	6.100	e. In Fourth Floor	392.18	Sqm.	2392.30
21.2		Teak wood Wrought & Put up			
	0.313	a. T.W. over 2 m & below 3 m	123400.00	Cum.	38624.20
	0.150	b. T.W. below 2 m length.	111200.00	Cum.	16680.00
23.3	30.000	S&F of Magnetic door catches	52.00	Each	1560.00
24.0	3167.700	Manufacturing & supply of steel windows (Weight basis)	62.10	Kg.	196714.17
25.0	180.000	M.S. Holdfast	9.60	Each	1728.00
26.9	13.000	Flooring in C.C. 1:5:10	4344.66	Cum.	56480.58
28.6	51.900	Floor plastering in C.M. 1:4, 20 mm tk.	444.82	Sqm.	23086.18

2935891.55

Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
30.0	55.500	Ellis pattern	396.05	Sqm.	21980.78
31.0	29.500	Weathering course	3441.74	Cum.	101531.33
32.1	238.500	Pressed tiles (23cmx23cmx20mm) mixed with Water proofing compound	1075.22	Sqm.	256439.97
33.0	4137.500	Plastering in C.M. 1:5, 12 mm tk.	218.46	Sqm.	903878.25
34.0	187.900	Plastering in C.M. 1:4, 12 mm tk.	224.47	Sqm.	42177.91
35.0	822.700	Spl. Ceiling plastering in C.M. 1:3, 10 mm tk.	250.93	Sqm.	206440.11
36.0		Cement mortar Border in C.M. 1:5, 12 mm tk.			
	271.600	a. 150 mm wide	69.62	Rmt	18908.79
	568.200	b. 75 mm wide	45.32	Rmt	25750.82
	220.000	c. 50 mm wide	33.73	Rmt	7420.60
37.1	822.700	White washing 3 coats (slaked)	39.22	Sqm.	32286.29
39.0	718.000	M.s Grills	62.60	Kg.	44946.80
40.0	119.200	Painting - New "wood work"	212.24	Sqm.	25299.01
41.0	387.700	Painting - New "iron work"	125.87	Sqm.	48799.80
46.0	22.600	S & F 20 mm dia Alu. Hanger Rod	58.00	Rmt	1310.80
47.0	22.000	S & F Alu Towel rail 75 cm long	95.00	Each	2090.00
48.0	20.000	S & F 5 pin Coat stand	55.00	Each	1100.00
49.0	112.000	S & F chromium plated 8 guage Picture Hook	1.50	Each	168.00
50.2	154.000	Providing precast Kerb stone in C.C. 1:3:6, 450 x 300 x 150 mm	240.39	Rmt	37020.06
50.3	12.000	Supply and planting avenue trees	338.74	Each	4064.88
50.4	12.000	Providing Tree guard	812.30	Each	9747.60
50.5	1.000	Supplying, Fabricating and erection of M.S Scheme Name board	17176.03	Each	17176.03
51.0	10.000	HDPE water tank 700 lit capacity with ISI mark	6720.00	Each	67200.00

4811589.38



Sl. No.	Qty	Description	Rate (CS sand)	Unit	Amount 2021-2022
51.1	10.000	H.O.P.E water tank 200 lt capacity with SI man.	1820.00	Each	18200.00
52.1		PVC Water supply (ASTM)			
	80.000	1/2" 12 mm dia	207.05	Rmt	16564.00
	155.000	1/2" 25 mm dia	209.81	Rmt	53501.55
52.2	12.000	1/2" Pipe 20mm dia for hot water line (Fully Corroset in wall)	267.65	Rmt	8211.20
53.1	5.000	C.I. Steps 5 kg	30.00	Each	150.00
54.1	10.000	Gully Trap using 400 burnt country bricks 22 x 11 x 7 cm.	1748.21	Each	17482.10
54.2	45.000	PVC Manhole trap (Away/Over)	152.80	Each	7019.50
		Electrical arrangements			
55.1	12.000	1/2 Amp. Power plug	138.70	Each	3051.40
56.1	54.000	Box type 2000 Watt hook	30.90	Each	2169.50
57.1	2.000	1/2 way - C.B.	4117.00	Each	8234.00
58.1	40.000	Charges for bring in 'Ear'	520.80	Each	20832.00
59.1	25.000	1/2 SMC wire	24.20	Rmt	605.00
59.2	12.000	SAF of TV/Telephone line Socket	79.70	Each	2454.40
59.4	352.000	SAF of 20mm dia PVC pipe for TV/Telephone line	79.85	Rmt	28514.70
59.5	2.000	Earthing Station (SS143 (Type 1)	2746.00	Each	5492.00
60.1	3.900	Water cut-off	2363.95	Sqm	9219.52
60.2	224.500	Area terrace treatment	34.00	Sqm	7633.00
		ANNEXURE			
64.1		Precast Cupboard slab 20 mm thick using standardised concrete mix W20 (annexure)			
	12.500	4 ft Ground floor	1292.15	Sqm	4175.19
	12.500	4 ft First floor	1292.15	Sqm	4175.19

5 48664 92



Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
	22.500	c. In Second floor	1290.39	Sqm.	29033.78
	22.500	d. In Third floor	1294.50	Sqm.	29126.25
14.11		Precast cupboard slab 40 mm tk.using standardised concrete mix M20 (annexure)			
	14.400	a. In Foundation & basement	1413.46	Sqm.	20353.82
	3.200	b. In Ground floor	1417.63	Sqm.	4536.42
	3.200	c. In First floor	1425.85	Sqm.	4582.72
	1.100	d. In Second floor	1434.07	Sqm.	1577.48
	1.100	e. In Third floor	1442.29	Sqm.	1586.52
		Precast Jally ventilator 50mm tk.using standardised concrete mix M20 (annexure) without vibrating charges			
	5.400	a. In Ground Floor	2565.29	Sqm.	13852.57
	5.400	b. In First floor	2572.95	Sqm.	13893.93
	3.900	c. In Second floor	2580.61	Sqm.	10064.38
	3.900	d. In Third floor	2588.27	Sqm.	10094.25
	3.300	e. In Fourth floor	2595.93	Sqm.	8566.57
4.4		Standardised concrete Mix M20 Grade Concrete			
	114.400	a. In Foundation and basement	7169.54	Cum	820195.38
8.4	57.400	b. Ground Floor	7272.84	Cum	417461.02
	56.900	c. In First Floor	7476.34	Cum	425403.75
	40.200	d. In Second Floor	7679.84	Cum	308729.57
	41.800	e. In Third floor	7883.34	Cum	329523.61
	3.600	f. In fourth floor	8086.84	Cum	29112.62
2.1.6	46.700	Supplying and filling stone dust	275.68	Cum	12874.26
35.1.1	20.500	Plastering with CM 1:3, 12mm with WPC	242.94	Sqm	4980.27
	221.100	Supplying and filling with welli gravel (basement filling)	354.20	Cum	78313.62

2682107

Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
	476 500	Supplying and filling with well gravel (souriround filling)	341.41	Cum	162681.87
18.1		Formwork using M.S. Sheet			
	400.600	a. For Column footings, plinth beam, Grade beam, Raft beam, Raft slab etc.,	739.38	Sqm	296195.63
	1576.600	b. Plain surfaces such as Roof slab, floorslab, Beams, lintels, lofts, sill slab, staircase, portico slab and other similar works	831.23	Sqm	1310517.22
	770.900	c. For Square and rectangular columns and small quantities	997.48	Sqm	768957.33
	19.900	f. Curved surface	1246.85	Sqm	24812.32
21.6.2		R.C.C. Door frames of size 100 x 75mm with one edge grooves size 't' x 20 mm using M20 grade (with out vibrating charges)			
	20.000	a. 900 x 2100 mm	2428.01	Each	48560.20
22.3.3	45.700	T.W. frame & TW styles & rails with BWR double leaf shutters for cup board/ ward robes including two coat enamel paint & one coat primer.	4024.10	Sqm	183901.37
22		TW panelled single door shutter with brass fittings.			
	18.500	a. 1000X2100mm. (Single leaf)	6457.49	Sqm	119463.57
25.1.1	32.900	TW styles & rails with 9mm thick BWR single leaf shutters with brass screws size of 900 x 2100 mm	3424.55	Sqm	112667.70
21.5.2	31.500	Supply and Fixing Solid UPVC door Shutter with frame	3167.00	Sqm	99760.50
23.2.1	92.700	4mm thick pin headed Glass panels with Aluminium beddings	708.10	Sqm	65640.87
29.8.	294.000	Glazed tiles using Grout (Tile Joint Filler)	1234.63	Sqm	362981.22
29.9.	55.400	Floor ceramic tiles (Anti-skid) using Grout (Tile Joint Filler).	1088.83	Sqm	60321.18
38.6	2286.100	One coat white cement for new walls and other similar works.	53.72	Sqm	122809.29
43.0	36.765	Fabrication of Mild steel / RTS grills (without cement slurry) for all sizes of rods.	78398.00	MT	2877265.00



Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
44.6	58.100	PVC SWR 110 mm dia with ISI mark type- A for Rain water down fall pipe	321.74	Rmt	18693.09
50.6	64.200	Precast slab 50 mm tk.in C.C. 1:3:6 with fibre	368.86	Sqm	23680.81
52.4	209.000	20mm dia PVC water supply ASTM pipe (fully consealed in walls)	207.02	Rmt	43267.18
53.4	2.000	S&F of C.I Manhole cover 60 x 60 cm (50kg weight)	1846.00	Each	3692.00
53.5	20.000	Wash Hand Basin of size 550 x 400 mm (White with Pedestal)	3104.82	Each	62096.40
58.3		PVC SWR pipe (Soil line) with ISI mark - type 'B'.			
	146.000	a. 110 mm dia.	657.29	Rmt	95964.34
	198.600	b. 75 mm dia.	541.42	Rmt	107526.01
58.4	34.000	Supplying, Laying & Concealing the 50mm dia PVC ( SWR) pipe with ISI mark type - 'B' with relevant specials.	114.45	Rmt	3891.30
58.5	2.000	PVC(SWR) pipe with ISI mark - type 'A' for Ventilating shaft with cowl	450.10	Each	900.20
64.1		Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.( Ordinary)			
	104.000	a. Light point with ceiling rose	1500.00	Each	156000.00
	110.000	b. Light point without ceiling rose	1505.00	Each	165550.00
	10.000	c. Calling bell point with Buzzer/Calling bell	1532.00	Each	15320.00
65.1	40.000	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Fan point.	1565.60	Each	62624.00
66.1	7.000	Wiring with 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990 for Staircase Light Point.	2802.60	Each	19618.20
67.1	62.000	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 @ Switch Board itself.	765.00	Each	47430.00

15124916.48



Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
68.2	50.000	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 @ Convenient Places.	1041.50	Each	52075.00
75.1.2	40.000	Supply and delivery of 48" (1200 mm) Fan with ISI mark with Elelronic Dimmer	1438.00	Each	57520.00
	125.000	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.	246.70	Rmt	30837.50
77.5	310.000	Run of 2 Wires of 1.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.	192.80	Rmt	59706.00
	235.000	Run of 2 Wires of 2.5 sqmm PVC insulated single core multi strand fire retardant flexible copper cable with ISI mark confirming IS: 694:1990.	209.80	Rmt	49303.00
105.1	100.000	4 x 4 Sq mm copper PVC insulated unsheathed single core cable for 3 phase EB service connection	251.18	Rmt	25118.00
112.1	20.000	S & F of Exsaust Fan 225mm dia	1977.00	Each	39540.00
44.2		<b>Rain water harvesting using defunct borewell and providing perforated cover slab</b>			
	6.000	a). Providing pit (M20)	1833.79	Each	11002.74
	20.000	b) Augering 30cm dia	432.86	Rmt	8657.20
344.2	20.000	S&F of Bevelled edge mirror 500 x 400 x 5.5mm	379.40	Each	7588.00
383.0	10.000	S&F of Cuddapah sink 600 x 600 x 200mm	1010.00	Each	10100.00
383.1	41.600	Providing nosing to the edges of Granite slab 4.12 Double Nosing PWD SRP-36	193.80	Rmt	8062.08
384.0	12.000	S&F of PVC flushing cistern	1602.50	Each	19230.00
71.2	11.000	Supplying and fixing of 32 AMPS Triple pole main switch	2083.67	Each	22920.37
80.1	14.000	450 x 375 x 20 mm thick TW plank	1242.25	Each	17391.50
87.1	11.000	Supplying and delivery of Three phase ELCB/RCCB	2971.60	Each	32687.60
796	1705.400	Plastic Emulsion PAINT including primer for outer walls	206.91	Sqm	352864.31

15929519.75

Sl. No.	Qty	Description	Rate (CS sand)	Unit	Amount 2021-2022
38.4.1	2171.800	Two coat of OBD over one coat white cement for inner walls	109.44	Sqm	237681.79
448.2	30.000	Providing PVC Tee with end cap	122.25	Each	3667.50
367	47.300	Providing wooden Melamine polish for new wood work	1298.51	Sqm	61419.52
378.2	422.000	Vitrified Tiles flooring (Ivory)	1146.79	Sqm	483945.38
361.1	88.700	Concrete designer tiles flooring	1351.67	Sqm	119893.13
	100.000	Supply and fixing of PVC beedings	90.90	Rmt	9090.00
	20.000	Supplying and fixing of CP Angle cock including cost of all materials and all labour charges etc complete (SR P-49 2021-2022)	769.00	Each	15380.00
	20.000	Supplying and fixing of <sup>CP</sup> shower arm <del>with</del> <sup>overhead shower rose</sup> PWD SRP-49	1170.00	each	23400.00
	10.000	Supply and fixing of <sup>CP two way mix cock with</sup> Health faucet approved quality with ISI mark PWD SRP-49	2040.00	Each	20400.00
	51.200	Providing Polymer Coating (Water Proof Coating) for sunken portion (as per PWD SR)	326.00	Sqm	16691.20
		S & F of Granite tile of size 2'x 1', 10mm Thick For (jet black)			
	8.300	a. In Ground floor	1047.19	Sqm	8691.68
	8.300	b. In First floor	1049.23	Sqm	8708.61
	5.900	c. In Second floor	1051.27	Sqm	6202.49
	5.900	c. In Third floor	1053.22	Sqm	6214.00
61.1.1		UPVC Non Pressure pipe of SN8 SDR 34 (S 16.5) as per IS 15328/2003			
	92.000	a. 110 mm UPVC Non Pressure pipe	444.77	Rmt	40918.84
	46.000	b. 160 mm UPVC Non Pressure pipe	755.84	Rmt	34768.64
62		PVC Specials as per IS 10124/1982 Part II			
	6.000	a. 110 mm dia PVC bend (TWAD SR 21-22 P-19)	173.00	Each	1038.00

17027630.56



Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
		PVC Equal Tee as per BIS 7834/1975			
	6.000	a. 110 mm dia PVC Equal tee(TWAD SR 21-22 )	195.00	Each	1170.00
56.3.2	3.000	S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR grade 'P' or 'S' trap - in G.F.	3032.43	Each	9097.29
56.4.2	7.000	S & F of Indian Water closet white glazed (Oriya type) of size 580 x 440mm with PVC SWR grade 'P' or 'S' trap- Other than G.F.	4740.84	Each	33185.88
57.2	10.000	S & F of E.W.C.(White) 500 mm with PVC SWR grade "P" or "S" TRAP	6501.30	Each	65013.00
54.1.1	28.000	S & F of 15mm dia half turn CP long body tap	467.00	Each	13076.00
54.2.1	20.000	S & F of 15mm dia half turn CP short body tap	419.00	Each	8380.00
87.2	10.000	Supply and fixing of 20 Amps DP plug and socket in sheet enclosure with 32 A DP MCB in Flush with wall with earth connection ( For AC Plug ) Legrand ( MDS ) / Hager( L& T ) Equivalent/ Superior variety	1879.00	Each	18790.00
	311.000	Supply and Laying Rubber Moulded Hydraulic Pressed Paver Block 83 mm thick including labour charges for laying etc ( as per DB/1469/2018)	547.00	Sqm	170117.00
	46.700	Supply and filling of 3 to 10mm HBSJ	967.23	Cum	45169.64
	311.000	Labour charges for spreading and consolidation of stone dust, 3 to 10mm Jelly and fixing of paver block	172.00	Sqm	53492.00
100	80.000	Supply and fixing of 9 watts LED bulb	134.00	Each	10720.00
102	50.000	Supply and fixing of 4' 18 watts LED Tube Light	665.00	Each	33250.00
	20.000	Supply and fixing of Bulk Head fitting suitable for 12W LED Bulb	486.00	Each	9720.00
101	10.000	Supply, fixing of 25W LED street light etc.,	3190.00	Each	31900.00
	20.000	Supply and fixing of 12 watts LED bulb (qtn)	170.00	Each	3400.00
		Borewell and External water supply arrangements			

17034111.38



Sl.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
	250.000	Drilling of bore well to a size of 150 mm dia to the required depth as directed including cost Rig, fuel etc complete.	275.00	Rmt	68750.00
	40.000	Supplying and laying of 150 mm dia casing pvc pipe of 6kg/cm2 as approved including labour charges for erection etc.,	618.00	Rmt	24720.00
	1.000	Supplying and fixing of 150 mm dia end cap for borewell	137.50	Each	137.50
	2.000	Supply and delivery of 2HP monoblock pumpset three phase circuit unit of approved brand including accessorizing.(Duty 450x20)(PWD SRP-105)	12120.00	Nos	24240.00
	2.000	Supplying and fixing of DOL starter confirming to I.S specification.(TWAD SR P-111)	5249.00	Nos	10498.00
	2.000	Labour charges for erection of 2HP monoblock pumpsets including bed block fixing in position etc., complete upto 3 HP(TWAD SR P-286)	7391.80	Nos	14783.60
	1.000	Supply and delivery of 5HP submersible pumpset 50 stages at bore well (three phase).(Duty 50X175) TWAD SRP-98	57424.00	Nos/sor 21-22	57424.00
	1.000	Labour charges for erection of 5HP submersible pumpsets at bore well etc., complete. TWAD SRP-287	10051.10	Nos	10051.10
	1.000	Supplying and fixing of 5HP three phase panel board DOL with two level guard start(TWAD SR P-110)	14492.00		14492.00
	290.000	Supply and delivery of 4 sqmm. 3core flat cable for submersible pumpset.PWD SRP-116	186.00	Rmt	53940.00
	375.000	Supplying and delivery of UPVC pipe 32 mm dia of approved brand.PWD SRP-106	114.80	m	43050.00
124		Supply and delivery of the following dia G.I pipe.' B' class of approved brand.			
	40.000	a) 25 mm dia G.I pipe PWD SRP-45	128.00	m	5120.00
	5.000	b) 40 mm dia G.I pipe.PWD SRP-45	163.00	m	815.00
	127.000	d) 50 mm dia G.I pipe.PWD SRP-45	209.00		26543.00
		Supplying and delivery of PVC pipe 10 kg /cm2			
	95.000	a) 50 mm dia (inner) PVC pipe PWD SRP-99	144.70	m	13746.50
	15.000	b)32 mm dia PVC Pipe PWD SRP-99	61.70	m	925.50

17903347.57

Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
122		Supply and delivery of following dia G.I specials.			
	5.000	a) 50mmX32 mm G.I, Tee (PWD SRP-46)	116.30	Nos	581.50
	6.000	b) 50 mm dia coupling. (PWD SRP-46)	69.80	Nos	418.80
	3.000	c) 50 mm dia G.I gate valve. (PWD SRP-48)	1229.00	Nos	3687.00
	1.000	d) 50 mm dia non return valve. (TWAD SR P-45)	2082.00	Nos	2082.00
	3.000	e) 50 mm dia G.I union. (PWD SRP-46)	266.30	Nos	798.90
	5.000	f) 50 mm dia G.I hex nipple. (PWD SRP-48)	87.00	Nos	435.00
	1.000	g) 50 mm dia G.I foot valve with stainer. (TWAD SR P-44)	434.00	Nos	434.00
	3.000	h) 50 mm dia G.I Tee (PWD SRP-46)	139.80	Nos	419.40
	2.000	i) 32 mm G.I Union (PWD SRP-46)	127.50	Nos	255.00
	2.000	j) 32 mm dia G.I elbow (PWD SRP-46)	87.00	Nos	174.00
	2.000	k) 32 mm dia G.I hex nipple. (PWD SRP-48)	58.10	Nos	116.20
	2.000	25 mm dia G.I coupling (PWD SRP-47)	28.60	Nos	57.20
	220.000	Labour charge for laying of G.I pipe and PVC pipe below ground level	80.70	Rmt	17754.00
	250.000	Nylon rope (PWD SRP-105)	61.20	Rmt	15300.00
		<b>Numbering And Lettering</b>			
	1.000	Moulding and fixing of aluminium Diecast TNPHC Logo Emblem as directed	3000.00	Each	3000.00
		<b>Supplying and fixing of aluminium diecast letters of size etc.,</b>			
	74.000	a) 9" feet letters. (PWD SRP-67)	1092.00	Each	80808.00
	40.000	b) 6" letters. (PWD SRP-67)	693.00	Each	27720.00

18657388.57



Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
1.000	METERING PANEL FOR 10 SERVICES (8 FLATS + 1 COMMON & SPARE) Suitable for 8 PC/HC (1 Block of 8 in 1, G+3) Supply and erection of 125 Amps capacity floor mounting metering panel board (Cubical type) of size 5.5'X6.5'X1' with bus bar chamber made up of 16 SWG MS sheet for 3 phase 4 wire system with 25mm x 3mm tin coated copper flats for phases and neutral; individual metering chamber and with 2 Nos. 25 x 3mm GI flat for the earth bus on the rear side of the panel board;	60300.00	Each	60300.00
1.000	METERING PANEL FOR 4 SERVICES (2 FLATS + 1 COMMON & SPARE) Suitable for 2 in 1 (1 Block of 2 in 1, G+1) Supply and erection of 125 Amps capacity floor mounting metering panel board (Cubical type) of size 5.5'X6.5'X1' with bus bar chamber made up of 16 SWG MS sheet for 3 phase 4 wire system with 25mm x 3mm tin coated copper flats for phases and neutral; individual metering chamber and with 2 Nos. 25 x 3mm GI flat for the earth bus on the rear side of the panel board;	33400.00	Each	33400.00
114	Supplying and Laying of specified aluminium LT UG Cable on Below Ground Level and above level to be at a depth of 0.75 m put in 0.15 m layer of sand and covering the cable completely with bricks and sand refilling the earth to good including cost of all materials and labour charges etc.,			
56.500	a) 3.5 core 50mm sqmm LT UG cable PWD SR 2021-22 P.No:124	314.70	Rmt	17780.55
116.000	B) 3.5 core 35mm sqmm LT UG cable PWD SR 2021-22 P.No:124	241.60	Rmt	28025.60
2.000	Supply and fixing of brass cable gland suitable for 3.5 core 50 Sq.mm with earth strips around the cable termination with crimping of terminals with lugs etc (for Incoming Cable) PWD SR 2021-22 P.No:125	61.10	Each	122.20
4.000	Supply and fixing of brass cable gland suitable for 3.5 core 35 Sq.mm with earth strips around the cable termination with crimping of terminals with lugs etc (for Incoming Cable) PWD SR 2021-22 P.No:125	61.10	Each	244.40



Sl. No	Qty	Description	Rate (CS sand)	Unit	Amount 2021-2022
	174.000	Run off mains with 4 wires of 6 Sqmm copper PVC insulated unsheathed single core 1.1KV cable wire continuous earth by means of 2.5 Sqmm copper PVC insulated unsheathed single core 1.1 KV grade cable in fully concealed 19 mm / 20 mm dia rigid PVC conduit pipe heavy duty with ISI mark including cost of all materials, specials, etc., all complete.	458.00	Rmt	79692.00
	147.000	Labour charge for laying of 3.5 core 50 sq.mm and 3.5 core 35 sq mm approved quality excluding civil works such as providing trench below G.L.	245.50	Rmt	36088.50
	26.000	Labour charge for laying of 3.5 core 50 sq.mm and 3.5 core 35 sq.mm approved quality excluding fixing vertical wall above ground level	150.70	Rmt	3918.20
124	66.000	Supplying and fixing of 65mm dia G.I pipe of approved brand with ISI mark	244.40	Rmt	16130.40
	111.000	Supplying and fixing of 50mm dia G.I pipe of approved brand with ISI mark (PWD SRP-45)	209.00	Rmt	23199.00
				PWD SR 2020- 21	
122		Supplying and delivery of GI specials of approved brand confirming to IS specification		TWAD 20-21	
	4.000	a. 65 mm dia Bend (TWAD SR P-44)	262.00	Each	1048.00
	6.000	b. 65 mm dia Coupling	225.00	Each	1350.00
	4.000	c. 65 mm dia Elbow	302.00	Each	1208.00
	2.000	e. 50mm dia Bend PWD SRP-46	116.30	Each	232.60
	20.000	f. 50mm dia Coupling PWD SRP-47	69.80	Each	1396.00
	10.000	Supplying and fixing of three phase DB box hylin sheet steel encloser with detabased gland plates for flush/surface mounting with bus bar neutral lines and earth bus bar ( without Mcb's ) etc.,	3590.00		35900.00
			2745.50		
	2.000	Supplying and fixing of 4 pole 40 amps 30ml ELCB etc.,	1900.00	Each	3800.00

18701224.02

Sl. No.	Qty.	Description	Rate (CS sand)	Unit	Amount 2021-2022
	60 000	Supplying and fixing of single pole to 32 A 10 KA MCB's etc.,	127.00	Each	7620.00
		Supplying and fixing of 32 AMPS Triple pole main switch	2083.67	Each	
	6.000	Supplying and fixing of MS clampset in etc., (TWAD SR P-44)	383.00	Each	2298.00
	30 000	Supplying and fixing of rotary switch etc., PWD SRP-134	885.00	Each	26550.00
		Total			18437692.08

*8/05/2022*  
JDO

*1000*  
*8/5/2022*  
JE

*8/5/22*  
HDO