

# ERUVADI TOWN PANCHAYAT

## TENDER SCHEDULE

**Name of work :Construction of Anganwadi building at Eruvadi to Sirumalanci Road PUM School (Kalathu School) S. No 611/3 in Eruvadi Town Panchayat.**

**Estimate Amount Rs 8.00 Lakhs**

Sl. No	Quantity		Description of Work	Rates in Rupees	
				Figure	Words
1	28.00	m3	Earth work excavation for foundation in Hard stiff clay, stiff black cotton, hard red earth, shales murrum, gravel, stoney earth and earth mixed with small size boulders SS.20B and Sand, silt or other loose soil, wet sand, or silt not under water, light black cotton soil, sandy loam ordinary soil and to full depth as may be directed except in hardrock requiring blasting inclusive of shoring shuttering, and baling out water wherever necessary refilling the sides of foundation with excavated soil other than sand in layers of 15cm thick well rammed and completed depositing the surplus excavated soil with in the compound in places shown by the departmental officers with initial lead and lifts and cleaning and levelling the site etc., complete		
2	3.00	m3	Supplying and filling in foundation and basement with filling Stone Dust in layers of not more than 15cm. thick well rammed watered and compacted - etc., complete complying with standard specification.		
3	5.00	m3	Plain Cement concrete 1:5:10 (one cement, five sand, ten aggregate) using 40mm gauge hand broken granite stone jelly for foundation including dewatering if found necessary and laid in layers of not more than 15cm thick and compacted, etc., complete complying with standard specification.		
4	17.92	m3	Plain Cement Concrete 1:3:6 Mix (one part cement, three part sand and six part of aggregate) using 40% of 40mm size and 60% of 20 mm size ISS HBG metal from approved quarry including cost and conveyance of all materials to site. Loading and unloading charges and labour charges for mixing. Laying and curing etc., complete as per TNDSS NO: 28 & VI (S2) VI (S5A) VII standard specifications as directed by Engineer incharge.		
5	7.50	m3	Collection, Supply and filling of Well gravel including cost and conveyance of gravel to work site and all labour charges for stacking them to departmental gauge at road sides for premeasurement by the departmental officers and spreading and compacting in layers as directed by the dept officers.		

Sl. No	Quantity		Description of Work	Rates in Rupees	
				Figure	Words
6	27.00	m2	Centering for soffits of RCC slabs of plane surface like lintels, beams ,etc.,including strutting 3m high using mild steel sheets of size 90cm X 60cm X and B.G 10 stiffened with M.S angles of size 25mm X 25mm X 3mm laid over silver Oak (C.W) joists of size 10cm X 6.5cm (spaced at about 90cm c/c )and supported dy casurina props of 10cm to 13cm dia (spaced of 75cm C/C) complying with standard specification and directed		
7	47.00	m2	Centering for soffits of RCC slabs of plane surface like lintels, beams ,etc.,including strutting 3m high using mild steel sheets of size 90cm X 60cm X and B.G 10 stiffened with M.S angles of size 25mm X 25mm X 3mm laid over silver Oak (C.W) joists of size 10cm X 6.5cm (spaced at about 90cm c/c )and supported dy casurina props of 10cm to 13cm dia (spaced of 75cm C/C) complying with standard specification and directed		
8	450.00	Kg	Suppling and fabricating and placing in position MS (or) R.T.S. bar for reinforcement to all RCC works as per the design given including cost of steel and binding wire also in all floors as per standard specification.		
9	30.50	m3	Brick work in CM 1:5 (one cement & five sand) using II class ground moulded bricks of size 83/4"X43/8"X 23/4" standard specification including finishing, curing,etc., complete complying with standard specification		
10	5.00	m3	Reinforced Cement Concrete 1:1.5:3mix, using 20mm HBG metal including all cost of materials & labour charges etc., complete complying with standard specification		
11	38.50	m2	Special Plastering with cement mortar 1:3 mix (One cement and three sand) 10 mm thick including cost and conveyance of all materials, finishing,curing,and all labour charges etc. complete as per standard specification		
12	244.00	m2	Plastering with cement mortar 1:5 (One cement and five sand) 12mm thick in all floors including cost and conveyance of all materials to site etc,complete as per standard specifications		
13	400.00	Kg	Supply and fixing of M.S Grills with Doors and Windows with one coat of Red oxide with Primer including all costs such as welding, grinding and fabrication charges, cost and conveyance of all materials to site etc, complete as per standard specification.		
14	2.50	m3	Weathering Course with broken brick jelly 20mm size pure slacked lime over R.C.C. roof slab the preparation of 32:12.5 for required depth and slope etc. complete.		

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15	23.50	m2	Finishing the top of roof with one course of machine pressed tiles 23 C.m x 23 C.m x 2 C.m size using cement mortar 1:3 mix mixed with 2% by weight of Crude Oil and pointing with Cement Mortar 1:3 mix Cost of all materials and labour charges and brick jelly concrete etc., complete as per standard specifications.		
16	38.50	m2	White washing two coats with freshly burnt white shell lime in all floors including cost of lime, blue powder fevicol type gum, brushes, scaffolding charges, etc., complete complying with standard specification and as directed.		
17	244.00	m2	Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.		
18	18.00	m2	Painting two coats of new iron works such as steel doors, windows, ventilators, bars, balustrades etc., with best approved first quality of synthetic enamel paint of approved colour over the existing priming coat etc., complete complying with standard specification (The paint should be get approved by the departmental officers before use on works)		
19	5.50	m2	Providing granolithic floor finish of the following thickness with plain cement concrete 1:2:4 (One Cement, Two sand and Four aggregate) using 10 to 12mm gauge hard broken stone jelly including laying, finishing and the top rubbed smooth with power trawl, thread lining, curing etc. complete complying with standard specification and as directed by the departmental officers. (The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers)		
20	14.50	m2	Paving the floor with descrgned coloured vitrified tiles of size 600 x 600 x 8mm of best quality and approved variety complying / confirming ISI specification land over cement mortar 1:3 (one cement and three sand) 20mm thick and pomted with same coloured cement neatly etc., complete.		
21	1.50	m2	Supplying and fixing over the floors best quality of scratch ceramic tiles of 30 c.m x 30c.m x 6mm size of approved colour laying with cement mortar 1:3 mix pointing the joints with colour pigments etc.		
22	17.00	m2	Dadooing the walls with glazed tiles of 30 c.m x 20 c.m 6mm size laid in cement mortar 1:2 mix 10mm thick and pointing with 0.40 kg white cement per m2 etc.		

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23	1.00	No	Supply and fixing 1000 litre capacity PVC water tank including cost and conveyance charges to site etc complete. ISI make with standard specification.		
24	1.00	No	Supply and fixing of Indian water closet with new glazed earthen ware Indian water closet of 22" Oriya type of approved quality & approved colour with "P" or "S" trap with sand cushion and forming flooring around the water closet using 40mm size broken brick jelly in cement concrete 1:2:4 of 4" thick and plastering with cement mortar 1:3 20mm thick using river sand including fixing the water closet in position and giving necessary connection to CI stacks etc. complete including cost and conveyance of all materials and all labour charges etc. complete complying with standard specification and as directed by the departmental officer etc. complete. TNBP No. 100,102 & 103		
25	10.00	No	Wiring with 2 X 1.5 Sq.mm (22 / 0.3) PVC insulated SC unsheathed Copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories inflush with wall with 3 mm thick Hylum sheet cover with TW box And 5 A FT switch with continuous earth connection of 14 SWG TC wire for making good of the concealed portion with suitable colour for PVC concealed Light point / fan point (For electronic Regulator) SD 22		
26	2.00	No	Wiring with 2 X 1.5 Sq.mm (22 / 0.3) PVC insulated SC unsheathed Copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories inflush with wall with 150 mm X 100 mm X 113 mm TW switch box with 3 mm thick Hylum sheet cover for 5 A 3 pin non interlocking CS plug with continuous earth wire connection of 14 SWG TC wire for making good of the concealed portion with suitable colour for concealed PVC plug point SD 36		
27	20.00	RM	Supply and run of 2 of 1.50 sq.mm (22/0.30) PVC insulated SC unsheathed copper Conductor of 1100 V grade on 7/20GI bearer wire for service connection mains SD 62		
28	3.00	RM	Supply and run of 2 X 1.5 sq.mm (22 / 0.30) PVC insulated SC unsheathed copper Conductor of 1100 V grade in 25 mm dia GI pipe ( Class ' B ' ) suitably bent at both ends with necessary angle iron upright and end supports for mains. SD 67		

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29	6.00	No	Supply and fixing of 4'-40w Tube light fittings		
30	2.00	No	Supply and fixing of CFL bulb		
31	2.00	No	Supply and fixing of Energy Efficient Ceiling Fan 1200 mm complete with stepped electronic 300 W regulator with 1 meter down rod on the existing clamp etc complete as per std sepcification.connection mains (SD No.106)		
32	1.00	No	Supply and fixing of 16 Amps DPIC Switch of 500 V with fuse and neutral (Side Handle) on suitable TW box PWD Earthing SD 135		
33	1.00	No	Earthing as per PWD std specification with necessary masonry works etc. complete SD 234		

(Thirty Three Items Only )