

ARAKANDANALLUR TOWN PANCHAYAT

SCHEDULE B

Name of Work : Construction of Community Toilet Building (8 seats)@ Pudu Nagar under SBM 2022-23 in Arakandanallur Town Panchayat

Est Rs 12.0 Lakhs

SL No.	Qty		Item of Works	MDSS& SSRB	Rate		Unit	Amount
					Rate in fig	Rate in words		
1	66.70	M3	Earthwork excavation in all soils and subsoils except hard rock requiring blasting with initial lead and lift as initial lead of 10.0 m and lift of 2.00 m including re-filling the sides of foundation in layer of 15cm. thick watering ramming depositing the surplus earth in the premises as directed by the departmental officers etc., complete complying with standard specification.				1m3(One cubic metre)	
2	13.44	M3	Plain Cement concrete 1:5:10 (One cement five sand and ten aggregate) using 40mm ISS size hard broken granite metal for foundation and flooring including de-watering wherever necessary and laid in layers not more than 15cm. thick to required thickness , including cost and conveyance of materials to work site & labour charges complete with standard specifications				1m3(One cubic metre)	
3	136.89	M3	Supplying and filling well gravel in layers of not more than 15 cm thick well watered rammed and consolidated etc., complying with standard specifications				1m3(One cubic metre)	

4	37.60	M3	Brick work In CM 1:5 mix using best country bricks of size 83/4x41/4x23/4 having 350kg/cm ² compressive strength and 15% or less water absorbent in the period of 24 hours immersion and confirming to ISI specifications and using the screened sand and all the materials should be approved by the competent technical authorities etc complete complying with standard specification.				1m ³ (One cubic metre)	
5	136.89	M2	Supplying and erecting centering to sides and soffits including supports and strutting for drainage sides and culvert body wall sides using 90cm x 60cm and B.G 10 stiffened with welded mild steel angles of size 25mm x 25mm x 3mm for boarding laid over (silver oak joists) of size 10cm x 6.50cm spread at about 90cm etc. complete complying with standard specification .				1m ² (One square metre)	
6	1500.00	Kg	Supplying, fabricating and placing in position of Steel Reinforcement using Mild steel or Ribbed tor steel rods, for all RCC works as per the design given by the departmental officers including cost of steel and binding wire and all labour charges for cutting, bending, tying and placing in position etc,complete as per SS.				1kg (one kilogramme)	
7	12.00	M3	Reinforced cement concrete in 1:1 1/2 :3 [one cement and one and half sand and four the aggregate] using 20 mm size IRC grade machine crushed chips and excluding cost of reinforcement and centering works and including the cost of mixing, laying , curing etc.,complete complying with standard specification .				1m ³ (One cubic metre)	

8	0.54	m3	Plain Cement concrete 1 : 2 : 4 (one cement, two sand and four aggregates) using 20mm ISS HBG metal including cost and conveyance of all materials and labour charges for mixing, laying, compacting and curing etc, complete as per SS				1m3(One cubic metre)	
9	12.50	m2	Plastering in cement mortar 1:3 mix 10mm thick using clean screened sand and including cost of curing for fifteen days from the completion of the work and surface should free from undulations and including the cost of preparing the surface for plastering and protecting for plastering for plastering and protecting from other damages till setting of mortar etc.complete complying with standard specification				1m2 (One square metre)	
10	345.00	M2	Plastering with CM 1:5 (One cement and Five sand) mix 12 mm thick including finishing cost and conveyance of all materials to work site and all labour charges watering, curing and and all other incidental charges etc., complete complying with standard specifications.				1m2 (One square metre)	
11	27.80	M2	Dadoing the wall glazed tiles of size 305mm x 200mm x 6mm size of approved make and quality and colour 1set in cement mortar 1:2 (one cement and two sand) over 10mm base layer plastering and pointing with white cement neatly as directed.				1m2 (One square metre)	
12	6.71	M2	Paving the floor with plain/design Antiskirt ceramic tiles (colour shade as directed) of size 305mm x 305mm x 6mm in all floors over a base layer of cement mortar 1:3 (one cement and three sand) 20mm thick laid in-situ and pointed with same coloured cement				1m2 (One square metre)	

13	8.00	Nos	Supplying and fixing in position best white glazed earthenware INDIAN WATER CLOSET with "P" and "S" trap with double flapped sheet cover with brace hinges and 10 Liter capacity PVC low level flushing tank with all internal fittings in position with 40mm brick jelly concrete 1:2:5 mix (one lime, two sand and five brick jelly) and finishing the top with a required slope and including giving connection to the AC soil straks by dismantling the masonry floor or RCC works and rejoining the same to the original condition without any leakage etc., complete as directed by the departmental officers.				1No(one Number)	
14	12.60	sqm	Fabricating, supplying and fixing in positon of SOLID PVC DOORS with frames of different sizes as per the specifications given below: PVC door frames made out of best quality PVC extruded section of 40mm * 58 mm * 2.50 mm +/- 0.3 mm thick, having multichamber cross section and duly reinforced with				1m2 (One square metre)	
15	2.16	sqm	Supply and fixing in position of RCC Jolly 50mm thick including cost and conveyance of all material to site and all other labour charges for fixing etc., Complete.				1No(one Number)	
16	1.00	No	Supply and delivery and fixing of HDPE tank including loading and unloading, transportation fixing and necessary GI pipe and specials for pipe connection works including cutting, threading and fixing charges as directed by departmental officers etc., complete				1No(one Number)	
17	1.00	No	Supply and delivery of MS Kiosk of size 0.75 x 0.45 x 0.75 for fixing or meter board, switch board with MS door and lock and key arrangements				1No(one Number)	

			Supply and delivery of GI specials confirming to ISI Specifications					
18	1.00	No	Supply and delivery of single phase pump set with motor as per ISI 20 Lpm x 70 m head p 96 as per standard Specification				1No(one Number)	
	115.00	Rm	38 mm HDPE House pipe				1 Rm(one Running metre)	
	2.00	No	32m. GM gate valve				1 Rm(one Running metre)	
	110.00	Rm	2.5 sqmm Flat copper sub. Cable				1 Rm(one Running metre)	
	10.00	No	20mm GI Bend				1No(one Number)	
	3.00	Rm	32mm Gi Pipe				1 Rm(one Running metre)	
	95.00	Rm	1/2 Nylon Rop etc				1 Rm(one Running metre)	
	1.00	No	32mm ms plate				1No(one Number)	
	1.00	No	32mm. CI flange set				1No(one Number)	
	1.00	No	32mm. Clamp set				1No(one Number)	

	3.00	No	32mm GI Coupling (Heavy duty)				1No(one Number)	
	3.00	No	32mm Elbow				1No(one Number)	
	0.50	Rm	20mm GI Pipe				1 Rm(one Running metre)	
	3.00		20mm GI Coupling (Heavy duty)				1No(one Number)	
	8.00		20mmWaste not tap				1No(one Number)	
	15.00		7/20GI Wire				1 Rm(one Running metre)	
	30.00		7/20copperwire for service connection				1 Rm(one Running metre)	

	3.00		20mm GI Bend				1No(one Number)	
	4.50		20mm pvc pipe				1 Rm(one Running metre)	
	4.50		32mm pvc pipe				1 Rm(one Running metre)	
19	1.00		Labour charges for erection of pump set in the deep bore well including connection of submersible cable etc.,				1No(one Number)	
20	1.00		Internal wiring with copper insulated wire through conduxt pipes, with necessary switches, distribution boxes with bulkhead fittings and bulbs.				1No(one Number)	
21	1.00		Earthing as per EB rules including cost of civil works such as construction of earth pit earth electrodes, GI wire, etc.,				1No(one Number)	

22	10.00		Wiring with 2x1.5 Sq.mm (22/0.3) PVC insulated SC .unsheathed cu.conductor of 1100 V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box and 5 Amps F.T switch with painting of suitable colour for open PVC				1No(one Number)	
23	2.00		Wiring with 2x1.5 Sq.mm (22/0.3) PVC insulated unsheathed Copper conductor cable of 1100 V grade on suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with MS switch box 150mmx100mmx113mm for 5A 3 pin non interlocking				1No(one Number)	
24	2.00		Supply and fixing of single box type 4'40 W flu fitting complete with copper choke and condensor with TW round blocks on wall or ceiling with flu. tube with PVC unsheathed copper leads from terminals to the fitting SD N(88)				1No(one Number)	
25	10.90		White washing two coats using best White llime and preparing the surface fit for white washing as confirming to the Standard Specification				1m2 (One square metre)	
26	595.00		Painting two coats with approved emulsun cement paint over one priming coat of cement paint over cement plastered New Wall surface and ceiling including cost of one priming coat, Cost of all materials, all labour charges, brushes etc, complete as				1m2 (One square metre)	
27	1.00		Conducting Geo-Physical survey including conveyance the instrument etc., complete				1No(one Number)	

28	120.00		Drilling of Borewells anywhere in Tamilnadu including transportation from one place to another with in Tamilnadu in alluvial soil sedimentary strata of clay and sand stone shale pebbles boulders etc. By first taking a pilot bore of 140 mm/150mm dia and				1 Rm(one Running metre)	
29	25.00		Supply and inserting of 6 Ksc PVC casing pipe etc., complete				1 Rm(one Running metre)	
30	1.00		E B Service charges etc., completed				1No(one Number)	
31	1.00		S/ f of Grill Gate etc				1No(one Number)	

Junior Engineer
Thiruvennainallur Town Panchayat (HQ),
Villupuram District.