

TENDER SCHEDULE

Name of Work: Construction of Community toilet @ Ward no.6, Ganagireeswaran Pettai Salai (Opp to RI Office) in Karunkuzhi Town Panchayat,

Name of Scheme : Swachh Bharat Mission Programme (SBM) 2.0 -2021-22

Estimate amount : - Rs. 13,50,000/-

SL. NO.	QTY.	DESCRIPTION OF WORK	TNDSS NO.	UNIT	RATE INRUOOES		Amount
					IN Figure	IN WORDS	
1		Earth work excavation in all class of soils except hard rocks requiring blasting such as hard stiff clay cotton hard earth shales murrums gravel stoney earth and earth mixed with small size with initial lead and lift including all incidental charges such as removing boulders sharing, strutting, watering bailing out water it necessary including all labour charges etc., Complete for foundation.					
	59.00 M3	Toilet		1M ³ (One Cubic Meter)			
	49.00 M3	Pipe line		1M ³ (One Cubic Meter)			
2	8.00 M3	Plain Cement Concrete of mix 1 : 4 : 8 (One Cement four sand eight aggregates) using 40mm gauge hard broken including cost conveyance of all materials to site including formwork and centering labour charges, transporting and placing in position including shoring, strutting, forming protective bunds, cofferdams bailing out of water labour for mixing compacting, finishing and curing, working at depths, tools and plants and incidental charges such as sheeting, shoring and bracing and their subsequent		1M ³ (One Cubic Meter)			

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3	Sl.No.	Supplying , erecting and Centering for Side and Soffits including necessary supports for plane surfaces in all floors with all cross bracings using mild steel sheets of size 90x60cm & 10 gauge stiffened, welded with steel angle of size 25x25x3mm for boarding laid over silver oak joists (Country wood) of size 10x6.5cm spaced @ about 90cm c/c and supported by casurina props of 10 -13cm dia.spaced @ 75cm c/c etc., complete complying with standard specifications for Side wall etc. Complete				
	40.00 M2	Column mat and Grade Beam		1M ² (One Square Meter)		
	15.00 M2	Column		1M ² (One Square Meter)		
	42.00 M2	For Roof		1M ² (One Square Meter)		
4	1495.00 Kg	Supplying and Fabrication of Steel and placing in position MS / Ribbed tor steel grills for RCC works as per design given including cost of steel and GI binding wire in Floors etc., Complete complying with standard specification in force per Kilogram.		1KG(One killo gram)		
5	13.00 M3	Reinforced Cement Concrete 1:1½:3 Mix (One part cement, one and half part M-sand and three part of aggregate)using 20mm size ISS HBG metal machine crushed from approved quarry including cost and conveyance of all materials to site, loading and unloading charges and labour charges for mixing, laying and curing but excluding cost of reinforcement etc. Complete with std. Specifications.(Using Vibrator) TNDSS NO: 30 V, VI (S3), VII-3.		1M ³ (One Cubic Meter)		

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6	Sl.No. 37.00	M3	A) Brick Work in Cement Mortar 1:5 Mix (one cement, five sand) using new best II Class Bricks of size 9 " x 4 3/8 "x 2 3/4 " 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. Complying with std. specifications.(For 10 M3)		1M ³ (One Cubic Meter)			
7	16.00	M3	Supply and Filling of Gravel from an approved Quarry including cost and conveyance of red gravel and labour charges for loading, unloading, filling, leveling, consolidate by water etc., complete as per standard specification.		1M ³ (One Cubic Meter)			
8	23.00	M2	Special ceiling Plastering in Cement Mortar 1:3 Mix (one Cement, Three M-sand) 10mm thick including cost and conveyance of all materials to site, loading and unloading charges and labour charges for mixing, laying and curing etc. complete . complying with std. specifications		1M ² (One Square Meter)			
9	209.00	M2	Plastering in C.M. 1 : 5 (one cement, five sand) to 12 mm thick including all cost and conveyance of all materials to site including cost of cement which will be purchased locally by the contractor and conveyance of the same to the actual work site and cost form work including watering curing and all leads of good potable water and all other.		1M ² (One Square Meter)			
10	107.00	M2	Plastering in Cement Mortar 1:3 Mix (one Cement, Three M-sand) 20mm thick including cost and conveyance of all materials to site, loading and unloading charges and labour charges for mixing, laying and curing etc. complete . complying with std. specifications		1M ² (One Square Meter)			

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11	16.00	M2	Providing UPVC (Un-Plasticized Polyvinyl Chloride)Door: Providing and fixing casement doors fabricatedfrom un-plasticized polyvinyl chloride (uPVC) ctions.Profiles: e profiles should be three chamber systemwhich provides high insulation properties with outerframe 60mm x 55mm with an outer wall hicknessof2.4mm. The window unit should be designed with allcorner joints mitred and fusion welded. Windowsshould be steel reinforced with 25 x 24 x 25mm teelreinforcement with a thickness of 1mm to have dimensional stability. The sash should be of 60 x102mm. The mullion should be of 60 x 74mm. Theprofiles shouldhave co-extruded seals.Hardware: All the hardware like friction stays, handlessould be screwed with self tapping screws. Thehandles, locks should be designed so that they cannotbe released from outside.Glazing: The window system should be glazed with5mm plain float glass / 6mm bison lamInstallation: The profiles should be cut to length andwelded 45 degrees. The window should be designedsuch that the water drainage does not pass throughthe reinforcement chamber. The window		1M ² (One Square Meter)			
12	425.00	Kg	Supplying and fixing of M.S.Grill Gate of approved design using necessary mild steel flats for inner and outer members which should be fixed to Gate frames inclusive of priming coat of best approved quality red oxide primer etc., complete complying with standard specifications.		1KG(One killo gram)			
13	35.00	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 mortor 1:3 mix pointing the joints with colour pigments etc. Complete.		1M ² (One Square Meter)			
14	91.00	M2	Dadooing the walls with glazed tiles of 30 c.m x 20 c.m 6mm size laid in cement mortor 1:2 mix 10mm thick and pointing with 0.40 kg white cement per m2 etc.,		1M ² (One Square Meter)			
15	8.00	Nos	Supply and fixing in position 22" Indian type water closet with foot reset includes "P" (or) "S" trap including cost and conveyance of all materials to site and all labour charges etc., to complete as per std.,specifications.		1No (One Number)			
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16	Sl.No. 2.00	Nos	Supplying and fixing in position best Indian make white glazed earthenware WASH HAND BASIN of 560x406mm with a pair of C.I. Brackets, 15mm dia C.P. Pillar tap, 32mm G.I. Waster water pipe, 32mm dia C.P. Brass waster coupling, plug with chain, 15mm dia PVC connection, 15mm G.M. wheel valve with ISI mark and necessary G.I. union and G.I. Elbow, including fixing wash hand basin in position with white lead, clamps, teakwood plugs, screws, rubber washer etc., complete without any leakage complying with standard specifications.		1No (One Number)			
17	103.00	M2	Exterior Emulsion paint Two coats with good quality of approved Emulsion paint including cost of all materials to site and all labour charges for mixing applying and proper curring etc., Complete as per Standard Specifications		1M ² (One Square Meter)			
18	14.00	M2	Painting Two Coats on new Iron works with best synthetic enamel paint of approved colour and quality etc., complete		1M ² (One Square Meter)			
19	13.00	Nos	Wiring with 2x1.5 sq.mm. (22/0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade insuitable heavy gauge MSconduit pipe on wall and ceiling with MS accessories with MS switch Box and 5A FT switch with painting of suitable colour continuous earth wire connection of 14SWG TC wire for light point / fan point (for electronic regulator) SD-24		1No (One Number)			
20	11.00	Nos	Supply and fixing of WT bulk head fitting with guard (Philips / Bajaj / Crompton / K. Lite) suitable for11W CFL lamp with CFL. SD-83		1No (One Number)			
21	2.40	Rm	Supply and Run of 4 x 4 sq.mm(56/0.3) PVC insulated Sc unsheathed Cu.Conductor of 1100V grade in 25mm dia G.I pipe ("B"class) suitable bend at both ends with necessary angle iron up right and end supports for mains.SD-72		1M (One Meter)			

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22	Sl.No. 20.00	Rm	Supply and run of 4 x 6 sq.mm.(84Nos/0.3mm.Dia) PVC insulated single core unsheathed copper conductor cable of 1100 V on 7/20 G.I. bearer wire for service connection mains.SD-68		1M (One Meter)			
23	2.00	Nos	Supply and fixing of 4'40W twin box type fluorescent fitting complete with copper choke and condensor with conduit pipe suspension from ceiling with PVC unsheathed copper leads from terminals to the fitting with fluorescent Tubes.SD-91		1No (One Number)			
24	1.00	Nos	Supply and fixing of TNEB meter board suitable for 3phase 63A service connection made up of suitable angle iron frame work of size 2 feetx1-1/2 feet using angle iron of size1-1/2"x1-1/2"x1/4" rigidly fixed on wall covered with hylem sheet of size 2feet x 1/2feet of 6mm thickness with necessary bolts and nuts supports and supply and fixing of 3Nos.63A fuse units (500V),1No.neutral link,copper earth flat of size1"x1/4"with inter connection of EB meter to fuse units by7/16 PVC insulated copper wire with earth connection complete SD-129		1No (One Number)			
25	90.00	M	Supply of PVC PIPE 6 Kg/cm2 including all cost and conveyance.		1M (One Meter)			
26	90.00	M	Conveying of PVC right pipe to trench with in a lead of 200m lowering in to a trench carefully laying to proper grad and alignment jointing with PVC couplers with cement paste and testing to the requited pressure including conveyance of water upto 1.00km		1M (One Meter)			
27	49.00	M3	Refilling with excavated earth other than sand complying with standard specification.		1M ³ (One Cubic Meter)			
28	1.00	Nos	Supply and fixing of 2000 ltr Capacity HDPE Tank including cost of all materials to site and all labour charges		1No (One Number)			
29	2.00	Nos	Supplying and fixing in position indian make bewelled edge mirror of approved quality and brand of size 600 X 450mm with necessary plastic back, PVC frame with bottom stand of approved colour with brass screws,rawal plugs etc., complete complying with standard specifications.		1NO (One Number)			

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30	Sl.No. 2.00	Nos	Supplying and fixing best approved quality Brass C.P anodised Towel rail 600mm. long and 20mm Diameter with brackets of same material including cost of Teak-Wood plugs and C.P.Screws etc., complete complying with standard specifications		1NO (One Number)			
31	2.00	Nos	Supplying and fixing best approved quality C.P.Soap Tray of size 150mm X 100mm including cost of Teak Woodplugs, brass screws complete complying with standard specifications.		1NO (One Number)			

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