

MANAVALAKURICHI TOWN PANCHAYAT

NAME OF WORK

Dismantling the damaged old anganwadi building and construction of new anganwadi building at Chinnavilai in Manavalakurichi Town Panchayat.

Name of Scheme : **MLA Fund - 2021-22**

Estimate Amount : ` **11,00,000/-**

Tender Date :

Closing Time :

Opening Time :

EMD ` :

Schedule Issued to M/s :

Schedule Cost ` :

Remitted Vide Chellan No. :

Date :

**EXECUTIVE OFFICER
MANAVALAKURICHI TOWN PANCHAYA
KANNIYAKUMARI DISTRICT**

__ TENDER SCHEDULE __

SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
1	112.00 m ²	AC sheet roofing without roof timbers including all labour charges etc complete.	1m ² (one square metre)			
2	31.00 m ³	Dismantling the existing damaged brick wall portion clearing away and carefully taking material useful for reuse for any thickness of concrete including all cost etc as per standard specification.	1m ³ (one cubic metre)			
3	25.00 m ³	Dismantling the existing damaged random rubble masonry cement mortar wall portion clearing away and carefully taking material useful for reuse for any thickness of concrete including all cost etc. as per standard	1m ³ (one cubic metre)			
4	43.00 m ³	Earth work excavation for foundation and depositing on bank with in the initial lead of 10m and a lift of 2m in hard stiff clay, stiff block cotton, hard red earth, shales, murram, gravel, stoney earth and earth mixed with small size boulders etc complete complying with SS20B. TNDSS No:23&24	1m ³ (one cubic metre)			

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SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
5	10.00 m ³	Supply delivery and filling of river sand in layer of not more than 15 cm thick including watering with all layers and consolidation complying with standard specification including cost and conveyance of sand at site and all labour charges and all other incidental charges etc., complete as per standard specification.	1m ³ (one cubic metre)			
6	14.00 m ³	Cement concrete of mix 1:4:8 (one part of cement four part of sand and eight part of aggregates) using 40 mm gauge machine broken granite stone jelly for foundation including de watering if found necessary and laid in layers of not more than 15 cm thick well rammed and consolidated etc complying with standard specification.	1m ³ (one cubic metre)			
7	23.00 m ³	Random rubble masonry in cement mortar 1:5 mix (one part of cement and five part of sand) using new best rough and bond stones 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 standard	1m ³ (one cubic metre)			
8	32.00 m ³	Brick work in cement mortar 1:5 (one part of cement five part of sand) using country bricks of size 8¾"x4¼"x2¾" including curing, cost and conveyance of all materials to site and all labour charges etc complete as per standard specification.	1m ³ (one cubic metre)			
9	9.00 m ³	Refilling the basement with excavated earth in layers of not more than 15 cm thick well rammed watered and consolidated etc. complete with standard specification.	1m ³ (one cubic metre)			

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SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
10	14.00 m ²	Supplying and erecting centering to sides and soffits including supports and strutting with necessary centering for soffits upto 3 meter height using mild steel sheet of size 90 cm x 60 cm x 10 mm gauge with MS angles of size 25mm x 25mm x 3mm laid over silver oak (CW) joists of size 10cm x 6cm spaced upto 90cm c/c and casurina props or 10 cm to 13 cm dia spaced at 0.750 cm c/c complying with standard specifications as per TNDSS NO :	1m ² (one square metre)			
11	52.00 m ²	Supplying and erecting centering for sides and soffits including supports and strutting up to 3.29 m height for plain surfaces such as RCC slabs rectangular beams Tee or L beams lintels, stair case beam etc. in all floors with all cross bracing using mild steel sheets of size 90x60 cm and BG10 gauge stiffended with welded mild steel angles of size 25x25x3 mm for boarding laid over silver oak country wood joists of size 10x6.5 cm spaced at about 90 cm center to center and supported with casurina props of 10 cm to 13 cm Ø spaced at 75 cm center to center etc. complete complying with standard specification in all floors. TNDSS No:30&36	1m ² (one square metre)			
12	1150.00 Kg.	Supplying, fabricating and placing in position of Steel Reinforcement using Mild steel or ribbed tar steel rods, for all RCC works as per the design given by the departmental officers including cost of steel cutting, bending, placing in position and binding with binding wire and all labour charges for cutting, bending, tying and placing in position etc, complete. TNDSS No:97	1Kg. (one kilogram)			

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SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
13	10.00 m ³	Reinforcement Cement concrete 1:1½:3 (one part of cement one and a half part of sand and three part of aggregates) using machine broken granite jelly of 20 mm size for all reinforced cement concrete works excluding cost of centering shuttering strutting and also cost of reinforcement grill in position but including laying vibrating with mechanical vibrators using finishing etc complete, as directed by the departmental officers etc complete complying with standard specification. TNDSS	1m ³ (one cubic metre)			
14	4.00 m ³	Weathering coarse cement concrete using best quality brick jelly of size 20 mm uniform gauge in pure slacked lime over RCC roof slab in the proportion of brick jelly to lime being 32:12 by volume and laid over on a single layer and consolidated to the required designed and finished thickness by beating the concrete with wooden beaters of approved pattern keeping the surface confirming welded by sprinkling lime jaggery water as per standard	1m ³ (one cubic metre)			
15	43.00 m ²	Finishing the top of roof with one course of machine pressed tiles of size 20 x 20 x 2 cm of approved quality laid in cement mortar 1:3 (one part of cement three part of sand) mixed with water proofing compound confirming to Indian standard as approved by the Departmental officers at 2% by weight of cement used and pointed with the same mortar mixed with the water proofing compound and red oxide complete complying with	1m ² (one square metre)			

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SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
16	47.00 m ²	Ceiling plastering and finishing all RCC exposed surface such as RCC slabs, sunshade canopies, stair case steps, landing slab, etc. with cement mortar 1:3 (one part of cement three part of sand) 10 mm thick including packing the surface and provided necessary cement mortar nosing, headings as per the size specification wherever necessary using the same mix as directed by the departmental officers etc. complete complying with	1m ² (one square metre)			
17	250.00 m ²	Plastering walls with cement mortar 1:4 (one part of cement four part of sand) 12 mm thick including all cost and conveyance of all materials and all labour charges etc. complete as per standard specification. TNDSS No:61	1m ² (one square metre)			
18	2.00 m ³	Reinforcement Cement concrete 1:2:4 (one part of cement two part of sand and four part of aggregates) using machine broken granite jelly of 20 mm size for all reinforced cement concrete works excluding cost of centering shuttering strutting and also cost of reinforcement grill in position but including laying vibrating with mechanical vibrators using finishing etc complete, as directed by the departmental officers etc	1m ³ (one cubic metre)			
19	10.00 m ²	Dadoing the walls with plain glazed tiles of 150 x 150 x 6 mm set in cement mortar 1:2 (one part of cement two part of sand) 12 mm and pointing white cement used 4kg/m ² neatly etc complete as directed.	1m ² (one square metre)			
20	39.00 m ²	Paving floor with colour ceramic tiles of size 200 x 200 x 6 mm in all floors over the base layer of cement mortar 1:3 (one part of cement three part of sand) 20 mm thick pointed with white cement at 0.40 kg/m ² including finishing the joints etc complete, as directed by the departmental officers (The rate should be exclusive of cost of flooring concrete 1:5) special.	1m ² (one square metre)			

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SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
21	205.00 m ²	Painting two coats with ready mixed plastic emulsion paints of first class quality and of approved colour over a priming coat including through scraping clean removal of dirt etc, complete and including cost of necessary plaster of paris, putty, brushes, wherever required and all labour charges, scaffolding charges etc., complete as per standard specification.	1m ² (one square metre)			
22	40.00 m ²	Painting new iron works such as steel doors, windows, ventilators, window bars, balustrades etc with two coats of best approved first quality and colour of synthetic enamel paint over the existing red oxide priming coat in all floors excluding cost of priming coat etc complete complying with standard specification. (The make, quality and colour of paint should be got approved by the departmental officers before use on works.)	1m ² (one square metre)			
23	6.50 m ²	Supplying and fixing of steel door with suitable design including cost of materials, welding and conveyance of all materials to site locking arrangements and painting one coat of primer etc. complete as per standard specifications including fixing charges etc. complete for	1m ² (one square metre)			
24	9.40 m ²	Supplying and fixing of steel window with suitable design including cost of materials, welding and conveyance of all materials to site locking arrangements and painting one coat of primer etc. complete as per standard specifications including fixing charges etc. complete for	1m ² (one square metre)			
25	0.30 m ²	Supplying and fixing of steel ventilator with suitable design including cost of materials, welding and conveyance of all materials to site locking arrangements and painting one coat of primer etc. complete as per standard specifications including fixing charges etc.	1m ² (one square metre)			

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SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
26	7.20 Mtr.	Providing and fixing in position of PVC rain water down fall 110 mm Ø pipe with necessary shoes bends other specials clamps screw nails teak wood plug including of all materials etc. complete as per standard specification.	1Mtr. (one metre)			
27	1.00 No.	Supply and fixing in position best quality of approved make baby Indian Water closet of size 580 x 440 mm with all accessories such as 'P' trap or 'S' trap confirming to IS 2556 part XII with sand cushion and forming flooring alround the closet using 40 mm leveling course 1:4:8 - 100 mm thick and finishing the top to the required slope and including necessary internal connection and outlet connection and making the disturbed portion to original condition without leakage etc including Labour charges	1No. (one number)			
28	1.00 No.	Supply and delivery of fixing of HDPE tank 500 litres capacity as per IS 12701/1996 including loading, unloading, transportation and labour charges for fixing of GI pipes and specials for pipe connection works including cutting, threading and fixing chargers as directed by	1No. (one number)			
29	8.00 Nos.	Wiring with 2 x 1.5 Sq.mm (22/0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A F.T. switch and making good of the concealed portion with suitable colour for PVC concealed light / Fan Point for electronic regulator. (Assume 5 Points Per Coil) (SD-25)	1No. (one number)			

SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
30	2.00 Nos.	Wiring with 2 x 1.5 Sq.mm (22/0.3) PVC insulated SC unsheathed copper conductor of 1100 V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 150mm x 100mm x 113mm TW switch box with 3 mm thick hylem sheet cover for 5 A 3 pin non interlocking FT wall socket and 5A FT switch with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed PVC plug point. (SD-38)	1No. (one number)			
31	20.00 Mtr.	Supply and run of 2 of 4 Sq.mm (56/0.3) PVC insulated SC unsheathed copper conductor of 1100V grade on 7/20 GI bearer wire for service connection mains SD 65.	1Mtr. (one metre)			
32	3.00 Mtr.	Supply and run of 2 of 4 Sq.mm (56/0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in 25mm Ø GI pipe (Class 'B') suitably bent at both ends with necessary angle iron upright and end supports for mains	1No. (one number)			
33	1.00 No.	Supply and fixing of WT bulk head fitting with guard (Philips / Bajaj / Crompton / K. Lite) suitable for 11W CFL lamp with CFL SD 83.	1No. (one number)			
34	5.00 Nos.	Supply and fixing of 18W 4 feet LED fitting with LED	1No. (one number)			
35	1.00 No.	Supply and fixing of 16 Amps DP Switch of 500 V with Metal clad with fuse and neutral (Side Handle) on suitable TW Board with earth connection only SD 142.	1No. (one number)			
33	1.00 No.	Supply and fixing of WT bulk head fitting with guard (Philips / Bajaj / Crompton / K. Lite) suitable for 11W CFL lamp with CFL SD 83.	1No. (one number)			
34	5.00 Nos.	Supply and fixing of 18W 4 feet LED fitting with LED	1No. (one number)			

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SI No	Quantity	Description of work	Unit	TNDSS & MORTH No.	— - - Rate in - - —	
					Figure	Words
35	1.00 No.	Supply and fixing of 16 Amps DP Switch of 500 V with Metal clad with fuse and neutral (Side Handle) on suitable TW Board with earth connection only SD 142.	1No. (one number)			

_ / Approved Tender Schedule Item No. 2 to 35 (Five to Thirty Five Only) \ _

JUNIOR ENGINEER
TOWN PANCHAYATS
MANAVALAKURICHI (HQ)

ASSISTANT EXECUTIVE ENGINEER
TOWN PANCHAYATS
KANNIYAKUMARI ZONE

Signature of Contractor and Address