

**VILAPAKKAM TOWN PANCHAYAT****RANIPET DISTRICT****MLA CDS 2021 - 2022**

**Name of Work : Construction of GYM Building with gym equipments at ward no.13 and ward no14, common place near 60000 lit OHT SF.no.720/5f5 (Koil street) in Vilapakkam Town Panchayat.**

**Estimate Rs. 15,00,000**

EMD. Amount : Rs.

Tender Date:

**BILL OF QUANTITIES**

SI No	Qty		Description of work	Rates in		Per	Amount
				Figures	Words		
1	39.00	m3	Earthwork excavating and depositing on bank with in initial lead & lift for all loose soil, sub soil, black cotton soil, murram gravelly soil, hard re earth, shales, except hadr rock requiring blasting, etc., Complete as per SS 20 B. for foundation.			1m3 (One Cubic metre)	
2	4.00	m3	Cement Concrete 1:4:8 ( One Cement Four sand and Eigte aggregate ) using 40 mm ISS HBG metal, including cost and conveyance of materials to site, labour charges for mixing, laying, finishing, compacting, curing etc.complete.			1m3 (One Cubic metre)	
3	2250.00	Kgs	Supplying, fabricating and placing in position Mild Steel / Ribbed Tor Steel for all RCC works as per design given including cost of steel and G.I. binding wire in all floors etc. complete complying with standard specification.			1kg (One Kilogram)	

4	21.50	m3	Reinforcement Cement Concrete 1:1/2:3 (One cement, One & Half sand, Three aggregate ) using 20 mm guage machine broken hard broken granite stone jelly for all RCC including cost conveyance and all labour charges etc. complete.			1m3 (One Cubic metre)	
5	0.00	0	Supplying and erecting centering for sides and soffits including necessary supports and strutting upto 3.29 M height for plane surfaces as detailed below in all floors with all cross bracings using Mild Steel sheets of size 90 x 60 cm and 10 BG stiffened with welded Mild Steel angle of size 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at abote 90 cm centre to centre and supported by casurina props of 10cm to 13 cm dia spaced at not more than 75 cm centre to centre etc. complete complying with the standard specificaliton. (Payment for centering shall be given after the concrete is laid)				
	34.00	m2	a) Column :			1m2 (One square metre)	
	16.00	m2	b) Plinth Beam :			1m2 (One square metre)	

	83.82	m2	c) Lintel, Beam, Sunshade, Roof Slab :			1m2 (One square metre)	
6	11.00	m3	Collection supply of Well Gravel from approved quarry and filling the same in layer by layer, each layer not exceeding 15cm thick, including cost and conveyance of sand to site and labour charges for for filling, watering, tamping etc. complete			1m3 (One Cubic metre)	
7			Brickwork in cement mortar 1:5 ( one cement and five sand ), mix using well burned new country bricks, including cost and conveyance of all materials to site, labour charges for mixing, laying, finishing, symaltaneously pointing with same mortar, watering etc.complete.				
	4.00	m3	a). Upto Basement :			1m3 (One Cubic metre)	
	30.00	m3	b). Above Basement :			1m3 (One Cubic metre)	

8	15.00	Kg	Supplying and fixing M.S.grill to doors, special windows and ventilators etc as directed by the departmental officers inclusive of cost of MS grill including one of cost red oxide and fixing in position etc., complete			1kg (One Kilogram)	
9			Supply and Delivery Fabrication of MS doors and windows with outer frame and shutter frame in MS angle of size 40mm x 40mm x 6 mm with MS flat 25mm x 25mm x 6mm and MS sheet of 18 gauge including ventilating arrangements using 20mm square MS rods with locking arrangements including two coats of approved enamel paint over coat of red oxide including cost of angles, plates, sheets, fabrication charges,				
	8.40	m2	a). Fully panelled Double leaf Door			1m2 (One square metre)	
	8.64	m2	b). Fully panelled Double leaf Window			1m2 (One square metre)	
10	2.75	m3	Weathering Course with Concrete Broken Brick Jelly 20mm gauge in pure slaked lime (no sand to be added) over roof slab, the proportion of brick jelly to lime being 32 : 12.5 well beaten with wooden beaters for giving required slope and thickness as directed by the departmental officers.etc., complete			1m3 (One Cubic metre)	

11	1.00	No.	Supply and Fixing in position best quality of approved make 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 around the closet using 40mm levelling course 1:4:8 100mm 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 for fixing etc.,			1 No (One Number)	
12	98.00	m2	Special ceiling plastering and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, fascia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One Cement and Three Sand) 10mm thick including hacking the surfaces, providing cement mortar nosing, beading for sunshades, staircases, steps, landing slabs and curing, etc., in all floors complying with standard			1m2 (One square metre)	
13	38.00	m2	Supply and fixing of Polished Rajasthan kota stones 20mm thick using Fine polished Kota Stone Slab above 600x600 of 18/20mm size with machine cutting edges for Flooring including laying Vibrating, curing and finishing bearing surface at the sides and bottom of the slab, beams of shall be finished smooth with cement mortar 1:3 and craft paper laid without claiming extra cost complete complying with standard			1m2 (One square metre)	
14	41.00	m2	Finishing the Top with One Course of Machine Pressed Tiles of Size 230 x 230 x 20 mm of Approved quality laid in cement mortar 1 : 3 (One cement and three sand) mixed with water Proof Compounds 2% by weight of cement used and the top pointed with the same mortar etc., complete.			1m2 (One square metre)	

15	180.00	m2	Plastering with Cement Mortar 1:5 (One cement and Five sand), 12mm thick in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers.			1m2 (One square metre)	
16	1.55	m2	Finishing the floor with Antiskiding glazed Tiles of size 300 x 300 x 6 mm of approved design & quality by departmental officers and set in Cement mortar 1:3 (one cement and three sand) 20mm thick using river sand including all cost of labour and all cost of materials etc Complete complying with standard Specifications.			1m2 (One square metre)	
17	4.59	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)	
18	10.00	Rm	Supplying and fixing in position best approved of BIS quality 110mm OD PVC rain water down fall pipes having a pressure of 4 kg. / sq.cm including cost of necessary PVC shoe, PVC bend, cast iron gratings of required diameter and special clamps, brass screws, nails, etc., and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc., complete. The rate shall be			1Rm (One Running metre)	
19	51.00	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.			1m2 (One square metre)	

20	180.00	m2	Painting two coats over newly plastered wall surface using weather proof ready mixed plastic emulsion paint of departmental quality and of approved colour over a base coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.			1m2 (One square metre)	
21	0.45	m2	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.			1m2 (One square metre)	
22	1.48	m2	Supply and fixing of solid PVC panelled Door shutters hollow type - 200mm x 20mm panels with 1mm wall thickness for panells and styles and rails of suitable size with 2mm wall thickness suitable reinforced using MS angle / Flat including cost of necessary Aluminium hinges and other furniture fittings, etc., complete as per standard specifications.			1m2 (One square metre)	
23	10.00	Pts	Wiring with 2x1.5 sqmm(22/0.3) PVCinsulated unsheathed Sc Cu.Conductor of 1100v grade in suitable PVC rigid Pipe on Wall and celling with PVC accessories with TW switch box with 5A F.T switch infulsh with wall, covered with hylem sheet of 3MM thick with painting of suitable colour for Concealed PVC light point/fan point(for electronic regulator).S.D : 20			1 No (One Number )	
24	3.00	Nos.	Wiring with 2x1.5 sqmm(22/0.3) PVC insulated unsheathed Sc Cu.Conductor of 1100v grade in suitable PVC rigid Pipe on Wall and celling with PVC accessories with 150x100x113mm Teak Eood Switch box for 5 A3 Pin non innter loking CS Plug With paining Suitable Colour With Continous Earth Wire Connection of 14 SWG TC Wire For Concealed P V C Plug Point S D 36			1 No (One Number )	

25	3.00	No.	Wiring with 2x1.5 sqmm(22/0.3) PVC insulated unsheathed Sc Cu.Conductor of 1100v grade in suitable PVC rigid Pipe on Wall and celling with PVC accessories with 150x100x113mm Teak Eood Switch box for 15 A3 Pin non innter loking CS Plug With paining Suitable Colour With Continous Earth Wire Connection of 14 SWG TC Wire For Concealed P V C Plug Point S.D 39			1 No (One Number )	
26	7.00	Nos.	Supply and fixing of Single Box type 4.40 W Flu fitting compelete With coper chcke and condensor T.E round blocks on Wall or flu tube with PVC unshead copper leads from terminals to the fitting ( Tube light fitting) S.D 88			1 No (One Number )	
27	3.00	Nos.	Supply and fixing of 600mm (48") sweep AC ceiling fan complete with stepped electronic 300W regulator with 300mm down rod on the existing clamp SD 110.			1 No (One Number )	
28	1.00	No.	Supply and fixing of MCB DP 40A Isolater etc., Complete.			1 No (One Number )	
29	1.00	No.	Supply of 32A Porcelin Base Fuse Unit with ISI mark, etc., complete.			1 No (One Number )	
30	1.00	Nos.	Supply of country wodden meter board size 60 x 45cm x 2.5 cm etc., Complete.			1 No (One Number )	
31	3.00	Rm	Supply and run of 2x1.5sqmm (22/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V grade in 25mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron upright and end supports for mains. SD. 69			1 No (One Running meter )	
32	20.00	Rm	Supply and run of 2 of 1.5sq.mm ( 22/0.3) PVC insulated SC Unsheathed Cu. Conductor of 1100v grade on 7/20 GI Bearer wire for Over Head Service connection mains. SD. 64			1m3 (One Cubic metre)	
33	1.00	No.	Supply and fixing of 32Amps DP Switch of 500V with clad with fuse and neutral(side handle) on suitable TW Board with PWD Earthing S.D 144			1 No (One Number )	



34	4.00	Nos.	Supply and Delivery of 50mm thick, 900mm Dia. RCC 1:2:4 ( One Cement two Sand and Four Aggregate using 12mm ISS HBG metal ) pre-cast Collar of 300mm height with necessary reinforcement, including cost of mould, all laboure charges, etc.. Complete.			1 No (One Number )	
35	2.00	Nos.	Supply and Delivery of 50mm thick, 900mm Dia. RCC 1:2:4 ( One Cement two Sand and Four Aggregate using 12mm ISS HBG metal ) pre-cast Cover slab with necessary reinforcement, including cost of mould, all laboure charges, etc., Complete.			1 No (One Number )	
36	0.00	0	Supply and delivery of following Pipes and specials etc., complete.			1m3 (One Cubic metre)	
	6.00	Rm	a). 110mm OD PVC Pipe 4Ksc			1 No (One Running meter )	
	2.00	Nos.	b). 110mm OD PVC Elbow			1 No (One Number )	
	12.00	Rm	c). 32mm OD PVC Pipe 10 Ksc			1 No (One Running meter )	
	2.00	Nos.	d). 32mm OD PVC Elbow			1 No (One Number )	

	2.00	Nos.	e). 32 x 25mm OD PVC Red. Coupling			1 No (One Number )	
	2.00	Nos.	f). 25mm OD PVC Tap			1 No (One Number )	
37			Supply and delivery of following Gym Equipment etc., complete.				
	2.00	Nos.	a). Treadmill - 1.5Hp Light			1 No (One Number )	
	1.00	No.	b). Bench Press			1 No (One Number )	
	2.00	Nos.	c). Cables & Pulleys			1 No (One Number )	

	3.00	Sets	d). Plastic Dumbbells set- 4kg			1 No (One Number )	
	1.00	No.	e). Leg Extension Machine			1 No (One Number )	
	1.00	No.	f). Abdominal Bench			1 No (One Number )	
	2.00	Sets	g). Kettle Bells			1 No (One Number )	