

KODAVASAL TOWN PANCHAYAT								
Maintenance Of Community Hall At Near By Kodavasal Bus Stand In Kodavasal Town Panchayat.								
ESTIMATE AMOUNT :Rs							1000000.00	
			TENDER SCHEDULE			EMD : Rs		
SL. No	QUANTITY		DETAILS OF WORK	TNDSS No	RATE		UNIT	AMOUNT
					FIGURE	WORDS		
1	10.00	M³	Earth work excavation in all classes of soils such as hard stiff clay, stiff black cotton, hard red earth, shales, murrum, ordinary earth, earth mix with 50% fair sized boulders etc., with initial lead and lifts including laying, spreading, leveling, sectioning breaking clods etc., including all incidental charges etc., complete as per standard specification . for Foundations SS 20B TNDSS NO. 23 &24 V, VI (S2) VI 9				1 M³ (One Meter Cube)	
2	5.00	M³	Supply filling of M-Sand in layer of not more than 15 cm thick including watering with all layers and consolidation complying with standard specification including cost and conveyence of sand to Site and all labour charges and all other incidental charges etc.,. complete as per Standard Specification TNDSS NO. 24 &25 NBC Part VI (S2) 8				1 M³ (One Meter Cube)	
3	5.00	M³	Plain Cement concrete of mix 1:4:8 (One cement four M-sand and eight aggregates) using 40mm gauge hard broken including cost conveyance of all materials to site including 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 removal etc., complete as per standard specification. TNDSS NO.28 V,VI S25				1 M³ (One Meter Cube)	

4	0.00		Supplying & Erecting centering for sides & soffits including necessary supports & strutting upto 3.29m height for plane surfaces in all floors with all cross bracings using mild steel sheets of size 90 x 60cm & 10 gauge stiffened, welded with steel angle of size 25 x 25 x 3mm for boarding laid over silver oak joists(Country wood) of size 10 x 6.5cm spaced @ about 90cm c/c and supported by casurina props of 10 - 13cm dia. spaced @ 75cm c/c etc., complete complying with standard specifications and as directed by the departmental officers. Rate for 10m2.for the following items.(RCC floor slab, roof slab, Rectangular/ square, Tee/ Ell beams, Lintels, staircase waist slabs, Landing slabs, Landing beam, Portico beam etc.,). TNDSS NO.86 K, 86 A					
A	10.91	M ²	With Strutting				1 M ² (One Meter Square)	
5	0.00	M ³	Providing and laying in position Standardised Concrete Mix M-20 Grade in accordance with IS 456 - 2000 using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 325Kg/ cum and maximum water cement ratio of 0.55 including admixture (Plasticiser / super plasticiser) in recommended proportions as per IS 9103 to accelerate, related setting of concrete, improve workability without imparing strength and durability with about (5.0cum), 7730Kg of 20mm machine crushed stone jelly and with about (3.3 cum), 5156kg of 10 - 12mm machine crushed stone jelly and with about (4.79cum) 7670 kg of sand, but excluding cost of reinforcement grill and fabricating charges centering and shuttering but including laying, vibrating with mechanical vibrators, finishing, curing, etc and providing fixtures like fan clamps in the RCC floor / roof slabs wherever necessary without claiming extra cost etc., complete complying with standard specification and as directed by the departmental officers - The Coarse and Fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the				1 M ³ (One Meter Cube)	
A	2.00	M ³	Above basement				1 M ³ (One Meter Cube)	

6	300.00	Kg	Supplying, fabricating and placing in position mild steel or ribbed tor steel for all reinforced cement concrete works as per design given including cost of steel and binding wire with all conveyance and lead charges in all floors etc.complete complying with standard specifications and as directed by the departmental engineers.				1 Kg (One Kilo Gram)	
7	0.00		Brick Work in CM 1:5 (One part of cement & five parts of M - sand) mix using Third Class Country Brick Kiln Burnt bricks 8 ¾ " x 4 ¼ " x 2 ¾" including cost and conveyance of materials to work site and including all labour charges for mixing, laying, curing the concrete etc., complete as per standard specifications and as directed by departmental Engineers – TNBP No:31					
A	13.00	M³	Foundation				1 M ³ (One Meter Cube)	
B	11.00	M³	basement				1 M ³ (One Meter Cube)	
8	59.00	M²	Plastering with CM 1:5 (One part of cement & five parts of P - sand) mix for 12mm thick including cost and conveyance of all materials to work site and including all labour charges for mixing, laying, curing,finishing etc., complete as per standard specifications and as directed by departmental Engineers				1 M ² (One Meter Square)	
9	10.00	M²	Special Ceiling Plastering with CM 1:3 (One part of cement & three parts of P -sand)mix for 10mm thick including cost and conveyance of materials to work site and including all labour charges for mixing, laying, curing,finishing etc., complete as per standard specifications and as directed by departmental Engineers – TNBP No:30,56&57				1 M ² (One Meter Square)	
10	376.00	M²	Painting two coats with ready mixed Plastic Emulsion Paint S.I.358 Plastic emulison paint of approved quality and colour over a priming coat, including thorough scraping, clean removal of dirt, etc complete and including necessary plaster of paris, putty, wherever required including cost and conveyance of all materials etc.and all lobour charges etc.complete as per Standard specification and as directed by the departmental officers. TNBP No:66-A				1 M ² (One Meter Square)	

11	4.00	M ²	Paving the floor with design Antiskirt ceramic tiles (colour and shade as directed) of size 305 mm x 305mm x 6 mm 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				1 M ² (One Meter Square)	
12	20.00	M ²	Dadoing walls with Glazed tiles of sizes 305mm X200mm X 6mm size of approved make and quality and colour I Set in cement mortar 1:2 (one cement ,two sand) over 10 mm base layer plastering and pointing with white cement neatly as directed.				1 M ² (One Meter Square)	
13	16.00	M ²	Supplying and fixing in position Cement based hydrualically pressed Anti-Skid tiles (pattern design) 20 mmthick in cement mortar 1:3 - 20mm thick & pointed with same colour of cement etc., complete as per standard specification				1 M ² (One Meter Square)	
14	10.00	M ³	Weathering Course with Concrete Broken Brick (S.I.No.278) & (P & D) Data 54.Jelly 20mm gauge in pure slaked lime (no sand to be added) over roof slab,the proportion of brick jelly to lime being '32 to 12.5 well beaten with wooden beaters for giving required slope and thickness as directed by the departmental officers.etc., complete.-1 m ³				1 M ³ (One Meter Cube)	
15	137.00	M ²	Finishing the top of roof with one course of machine pressed tiles of size 200 mm x 200 mm x 20 mm of approved quality in Cement Mortar 1:3 (One Cement add three sand) 12 mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed with red oxide and water proofing compound including curing etc., complete				1 M ² (One Meter Square)	
16	10.00	M ³	Providing and laying, spreading and compacting graded stone aggregates to Wet Mix Macadam 250mm thick specification including premixing the materials with water at OMC in mechanical mix plant carriage of mixed material by tipper to site laying in uniform layers with pavers in Sub Base/ Base course on well prepared surface and compacting with vibratory roller to acheive the desired density including cost of material, labour charges, rentals for machinery, fuel and all other incidental charges etc., complete as per clause 406 of MORTH				1 M ³ (One Meter Cube)	

17	63.00	M²	Supplying and laying Rubber Moulded Hydraulic Pressed Paver Block 83mm M40 grade Providing and laying high strength type conforming IS 15658-2007 Of rubberized interlocking paver lock in size of minimum compressive strength of 40N mm ² in uniform shape of approved make to be laid in flurring bone pattern with sand cushion below the uniform shap of approved non skitting surface in the top and the rate including levelling the base preparation of pavers as sub base, sand cushion 100mm thick laying out of pavement cut the pieces to fix the edge vibring the pavers,sweeping tranporting loading unloading of laying paver block as per standard specification,.				1 M ² (One Meter Square)	
18	2.00	No	Supplying and fixing in position white / colour glazed European Water Closet of best quality and approved make with 100 mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low level flushing tank with a pair of CI brackets, etc., complete with all fittings such as 15mm brass ball valve with polythene float with brass handle, union, coupling connected by means of 40mm white PVC flush hand using Indian adopter joint including all internal fittings.....				1 No (One Number)	
19	140.00	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.				1 Kg (One Kilogram)	
20	5.00	M²	Painting two coats with Ready Mixed Enamel Paint over the new iron works of approved quality and colour without priming coat including the cost all materials etc.,complete,				1 M ² (One Meter Square)	
21	4.00	No	Supplying and fixing in position 15mm dia brass CP screw down tap / Pillar tap (heavy duty) of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specification and including cutting and threading wherever necessary. (Taps should be got approved by the Executive Engineer before use on the works)				1 No (One Number)	

22	0.00		Supplying and fixing in position GI unions of heavy duty of approved quality and good variety of various sizes including necessary cutting and threading of GI pipes for jointing the union and providing two coats of painting with good variety and approved quality of synthetic enamel paint over one coat of primer in case of pipe line above ground level / one coat of tar in case of below ground level for both internal and external water supply arrangements, etc., complete complying with standard specifications. (The GI unions should be got approved by Executive Engineer before use on works)					
	5.00	No	25mm				1 No (One Number)	
23	0.00		Supplying, laying and jointing PVC pipes (having working pressure 10 kg. / sq.cm) of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing PVC specials using PVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works.					
A	20.00	RM	20mm PVC pipe				1 RM (One Running Meter)	
24	10.00	RM	Supply and laying of 2 x 16 sq.mm PVC armoured LTUG cable in a trench to be excavated at a depth of 0.75 metre putting 0.15 mt. Layer of sand and covering the cable completely with bricks and sand and refilling the earth to make good.Ele. Data 2017-18 SD -197				1 RM (One Running Meter)	

25	25.00	RM	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of the charges for cutting, bending, welding, grinding, polishing, conveyance, electrical charges, etc. complete As per PWD SOR				1 RM (One Running Meter)	
26	1.00	No	Supply and delivery and fixing of 2000 litre HDPE tank as per IS 12701 / 1996 including loading, unloading, transportation and labour charges for fixing of the GI pipes and specials for pipe connection works including cutting, threading and fixing charges etc..				1 No (One Number)	
27	1.00	No	Supply and fixing of TNEB Board suitable for 3 Phases 63A service connection made up of suitable angle iron frame work of size 2 feet x 1 1/2 feet using angle iron of size 1 1/2" x 1 1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 2 feet x 1/2 feet of 6mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos 63A fuse units(500V) 1 No. Neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 7/16 PVC insulated copper wire with earth connection complete.SD 131				1 No (One Number)	
28	9.00	No	Wiring with 2 x 1.5 sqmm (22/0.3) PVC insulated unsheathed SC.Cu. conductor of 1100V grade in suitable PVC rigid Pipe on wall and ceiling with PVC accessories with TW switch box with 5A F.T. switch inflush with wall, covered with hylum sheet of 3mm thick with painting of suitable colour for open PVC light/fan point (For Electronic regulator) (5 points per coil). SD 22				1 No (One Number)	
29	10.00	No	Supply and fixing of fancy glass shade and 11W CFL for BH Point. SD-80				1 No (One Number)	

30	1.00	M ²	R.C.C.Jolly by a new of following size in R.C.C. 1:1.5:3 using 20mm gauge hard broken granite stone jelly and river sand excluding cost of reinforcement but including charges, fabrication charges curing neat finishing and labour charges for fixing the jolly in position with standard specification.					
31	0.00		Supplying and fixing in position best quality P.V.C soil/ waste pipes (6KSC) of various sizes having ISI mark and providing leakproof joints including fixing to the wall with P.V.C/ M.S clamps etc., and making connection to all sanitary fittings, dismantling masonry/R.C.C. works wherever necessary and making good the dismantled portion to the original condition, complying with standard specifications.					
A	20.00	RM	110 dia PVC Pipe				1 RM (One Running Meter)	
B	1.00	No	110 dia PVC Elbow				1 No (One Number)	
32	1.00	No	Supplying and fixing in position C.I.Manhole covers (light or heavy duty) of various sizes of best approved quality and as per standard specifications etc., complete.				1 No (One Number)	
33	12.00	RM	Drilling of borewells of size 4" to 5" dia in sedimentary formation using and boresets including insertion of casing pipe and removal of casing pipes etc., including supplying and packing of pebbles and conveyance of hand boreset including loading and unloading.				1 RM (One Running Meter)	
34	12.00	RM	Supply and delivery and erection of 150mm dia special blue slotted pipes for borewells below ground level as per standard specification.				1 RM (One Running Meter)	
35	2.00	No	Supply, delivery and erection of 900mm dia 5cm thick ready made ring including all labour and conveyance charges etc., completed				1 No (One Number)	
36	1.00	No	Supply, delivery and erection of 900mm dia 5cm thick ready made cover slab including all labour and conveyance charges etc., completed				1 No (One Number)	
37	0.05	M ³	Supplying and filling 40mm gauge HBGS stone jelly for dispersion trench including loading conveying and unloading and as directed by the departmental officers etc. complete complying with standard specification.				1 M ³ (One Meter Cube)	

38	0.15	M³	Supplying and filling 20mm gauge HBGS stone jelly for dispersion trench including loading conveying and unloading and as directed by the departmental officers etc. complete <u>complying with standard specification.</u>				1 M ³ (One Meter Cube)	
39	12.00	RM	Supplying and fixing PVC rain water down fall pipes of 4kgf/cm2 variety of the following sizes excluding cost of PVC specials but including charges for fixing them in position with nessary shoes, bends, clamps, TW plugs, screws, nails etc., complete.				1 RM (One Running Meter)	

(Schedule Items 1 to 39 only)