

**YANAM MUNICIPALITY
YANAM**

Name of work: Construction of a Multipurpose hall at Farampeta, Yanam

Sl. No.	Code No. & Description of Item.	Qty.	Rate in		Per	Amount
			Figures	Words		
1	2	3	4	5	6	7
1	2.8.1 Earth work in excavation in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m - all kinds of soil.	120.00 Cum			1 Cum (One Cubic Metre)	
2	2.26 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering lead upto 50m and lift upto 1.5m.	120.00 Cum			1 Cum (One Cubic Metre)	
3	2.28 Supplying and filling in plinth with river sand under floors including, watering, ramming consolidating and dressing complete.	12.00 Cum			1 Cum (One Cubic Metre)	
4	4.5.10 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40mm nominal size).	7.00 Cum			1 Cum (One Cubic Metre)	

1	2	3	4	5	6	7
5	5.1.2 Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level - 1:1.5:3 (1 cement :1.5 sand : 3 graded stone aggregate 20mm nominal size).	24.00 Cum				1 Cum (One Cubic Metre)
6	5.2.2 Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement - 1:1.5:3 (1 cement : 1.5 sand : 3 graded stone aggregate 20mm nominal size).	19.00 Cum				1 Cum (One Cubic Metre)
7	5.3.1 Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15 degree, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).	160.00 Cum				1 Cum (One Cubic Metre)
8	5.14.1 Centring and shuttering including strutting, propping etc. and removal of form for - foundations, footings, bases of columns etc. for mass concrete.	98.00 Sqm				1 Sqm (One Square Metre)
9	5.14.3 Centring and shuttering including strutting, propping etc. and removal of form for - suspended floor, roofs, landings, balconies and access platform.	838.00 Sqm				1 Sqm (One Square Metre)

1	2	3	4	5	6	7
10	5.14.5 Centring and shuttering including strutting, propping etc. and removal of form for - lintels, beams, plinth beams, girders, bressummers and cantilevers.	350.00 Sqm				1 Sqm (One Square Metre)
11	5.14.6 Centring and shuttering including strutting, propping etc. and removal of form for - columns, pillars, piers, abutments, posts and struts.	220.00 Sqm				1 Sqm (One Square Metre)
12	5.23 Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in shelves including setting in cement mortar 1:3 (1 cement : 3 sand), cost of required centring, shuttering and finishing with neat cement punning on exposed surfaces but excluding the cost of reinforcement with 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 12.5 mm nominal size).	0.80 Cum				1 Cum (One Cubic Metre)
13	5.25.1 Providing precast cement concrete jali 1:2:4 (1 cement : 2 sand : 4 stone aggregate 6 mm nominal size) reinforced with 1.6 mm dia mild steel wire including centering and shuttering, roughening, cleaning, fixing and finishing in cement mortar 1:3 (1 cement : 3 sand) etc. complete excluding plastering of the jambs, sills and soffits - 50 mm thick.	63.00 Sqm				1 Sqm (One Square Metre)
14	5.29.3B Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete -Thermo Mechanical Treated bars (TMT)	20470.00 kg.				1 Kg. (One Kilogram)

1	2	3	4	5	6	7
15	6.1.8 & 6.3 Brick work with bricks of class designation 35 in superstructure above plinth level in cement mortar 1:4 (1 cement : 4 sand).	1.80 Cum			1 Cum (One Cubic Metre)	
16	6.1.10 Brick work with bricks of class designation 35 in foundation and plinth in - cement mortar 1:6 (1 cement : 6 sand).	3.00 Cum			1 Cum (One Cubic Metre)	
17	6.1.10 & 6.3 Brick work with bricks of class designation 35 in superstructure above plinth level upto floor five level in - cement mortar 1:6 (1 cement : 6 sand)	73.00 Cum			1 Cum (One Cubic Metre)	
18	6.13 Brick work 7cm thick with country bricks of class designation 35 in cement mortar 1:3 (1 cement : 3 coarse sand) in superstructure.	5.00 Sqm			1 Sqm (One Square Metre)	
19	6.18.4 & 6.19 Half brick masonry with bricks of class designation 35 in - cement mortar 1:4 (1cement : 4 sand) in superstructure, above plinth level upto floor five level.	277.00 Sqm			1 Sqm (One Square Metre)	
20	8.2.6.5 Providing and fixing 18mm thick mirror polished, machine cut for kitchen platforms, vanity counters facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing etc. complete at all levels - Granite black - 1.00 sqm to 2.00 sqm.	1.25 Sqm			1 Sqm (One Square Metre)	

1	2	3	4	5	6	7
21	9.1.4Q Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position - country wood (Vengai).	3.10 Cum				1 Cum (One Cubic Metre)
22	9.4.4.3Q Providing and fixing panelled or panelled and glazed shutters for doors windows and clearestory windows, panelling which will be paid for separately - Country wood Vengai - 40mm thick	43.00 Sqm				1 Sqm (One Square Metre)
23	9.4.5.3Q Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including black enamelled M.S. butt hinges with necessary screws excluding, panelling which will be paid for separately - country wood (vengai) - 30 mm thick shutters.	62.00 Sqm				1 Sqm (One Square Metre)
24	9.5.4Q Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick - country wood (Vengai).	61.00 Sqm				1 Sqm (One Square Metre)
25	9.82.2 Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete - fixed to openings / wooden frames with rawl plugs.	1450.00 kg.				1 Kg. (One Kilogram)

1	2	3	4	5	6	7
26	9.87 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size).	298.00 Nos.			1 No. (One Number)	
27	9.105.4 Providing and fixing M.S.hooks and eyes conforming to IS:207 - 150mm	69.00 Nos.			1 No. (One Number)	
28	9.215.1 Providing and fixing aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete - 125 x 75 x 4mm.	156.00 Nos.			1 No. (One Number)	
29	9.215.3 Providing and fixing aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete - 100 x 75 x 4mm.	126.00 Nos.			1 No. (One Number)	
30	9.218.1 Providing and fixing aluminium sliding door bolts anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete - 300 x 16mm.	16.00 Nos.			1 No. (One Number)	
31	9.218.2 Providing and fixing aluminium sliding door bolts anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete - 250 x 16mm.	10.00 Nos.			1 No. (One Number)	

1	2	3	4	5	6	7
32	9.219.2 Providing and fixing aluminium tower bolts anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete - 250 x 10mm.	68.00 Nos.				1 No. (One Number)
33	9.219.4 Providing and fixing aluminium tower bolts anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete - 150 x 10 mm.	138.00 Nos.				1 No. (One Number)
34	9.222.1 Providing and fixing aluminium handles anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete - 125mm.	16.00 Nos.				1 No. (One Number)
35	9.223.1 Providing and fixing aluminium hanging floor door stopper anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete - Single rubber stopper.	32.00 Nos.				1 No. (One Number)
36	9.229 Providing and fixing godrej nov-tal lock - 65mm size	12.00 Nos.				1 No. (One Number)
37	10.19 Providing and fixing M.S. fan clamp type-i of 16mm dia m.s. bar bent to shape with hooked ends in R.C.C. slabs during laying including painting the exposed portion of loop, all as per standard design complete.	33.00 Nos.				1 No. (One Number)

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38	10.31B supplying and fixing of steel grill work of m.s. angles, flats, squares and pipes including cost of welding charges, fixing in position in masonry walls with cement concrete 1:2:4 (1 cement : 2 course sand : 4 graded stone aggregate 12.5mm nominal size) including one coat of priming coat etc. complete.	1400.00 kg.				1 Kg. (One Kilogram)
39	11.36A Colour glazed tiles of minimum thickness 5mm in flooring treads of steps and landings laid on a bed of 10mm thick cement mortar 1:3 (1 cement : 3 sand) finished with flush pointing in white cement and matching pigment etc.	472.00 Sqm				1 Sqm (One Square Metre)
40	11.36B Providing and fixing glazed screen printed tiles of minimum thickness 5 mm of approved design, colour and shade in skirting, risers of steps and dados on 12 mm thick cement plaster 1:3 (1 cement : 3 sand) jointed with white cement slurry mixed with matching pigment etc. complete.	83.00 Sqm				1 Sqm (One Square Metre)
41	12.29.1 Painting top of roofs with bitumen of approved quality at 17kg/10sqm impregnated with a coat of coarse sand at 60kg/10sqm including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete - with residual type petroleum bitumen of penetration 80/100.	195.00 Sqm				1 Sqm (One Square Metre)

1	2	3	4	5	6	7
42	12.33A Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness and of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finsihed neat complete.	204.00 Sqm			1 Sqm (One Square Metre)	
43	12.34L Lime concrete terracing on roofs of required thickness laid to fall with 25mm nominal size brick aggregate and 50% lime mortar 1:2 (1 lime putty : 2 surkhi) rammed and finished with gur and belgiri treatment complete including rounding of junctions with parapet wall complete.	20.00 Cum			1 Cum (One Cubic Metre)	
44	12.78.2 Providing and fixing on wall face/column unplasticised - PVC (working pressure 4kg/sqcm) rain water pipes conforming to IS :13592 including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. single socketed pipes 110mm diameter.	49.00 mts.			1 mt. (One metre)	
45	12.79.5.2 Providing and fixing on wall face/column face unplasticised - PVC moulded fittings/acccsories for unplasticisd - PVC rain water pipes conforming to IS : 13592 including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion - bend 87.5 degree - 110 mm bend.	5.00 Nos.			1 No. (One Number)	

1	2	3	4	5	6	7
46	12.79.6.2 Providing and fixing on wall face/column face unplasticised - PVC moulded fittings/accessories for unplasticised - PVC rain water pipes conforming to IS : 13592 including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion - shoe (plain) - 110 mm shoe.	5.00 Nos.				1 No. (One Number)
47	12.80.2 Providing and fixing unplasticised-PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 sand) and making good the walls etc. complete.- 110mm dia. pipe.	46.00 Nos.				1 No. (One Number)
48	13.8.2 12 mm cement plaster of mix - 1:4 (1 cement : 4 fine sand)	672.00 Sqm				1 Sqm (One Square Metre)
49	13.9.2 15 mm cement plaster on the rough side of single or half brick wall of mix - 1:4 (1 cement : 4 fine sand).	625.00 Sqm				1 Sqm (One Square Metre)
50	13.24.1 6 mm cement plaster to ceiling of mix - 1:3 (1 cement : 3 fine sand).	901.00 Sqm				1 Sqm (One Square Metre)
51	13.72.1 White washing with whiting to give an even shade - new work (three or more coats).	871.00 Sqm				1 Sqm (One Square Metre)
52	13.79.1 Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade - new work (three or more coats).	1297.00 Sqm				1 Sqm (One Square Metre)

1	2	3	4	5	6	7
53	13.81.1 & 13.82.2 Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade - new wood work (two or more coats). including priming coat - with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood).	325.00 Sqm			1 Sqm (One Square Metre)	
54	13.82.1 Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade - new steel work (two or more coats).	95.00 Sqm			1 Sqm (One Square Metre)	
55	19.14.2 Providing and fixing white vitreous china water closet squatting pan (Indian type) - Orissa pattern W.C. pan of size 580 x 440mm	6.00 Nos.			1 No. (One Number)	
56	23.2.2 A Boring, providing and installing bored cast-in-situ reinforced cement concrete pile of specified diametre using approved drilling method to the required depth upto the cutoff level in pile cap in R.C.C. M 35 grade with a minimum cement concrete of 428kg/cum using blue metal of 20 mm and down gage to carry a safe working load not less than the specified, excluding the cost of steel reinforcement but including the cost of boring with casing from Natural/formed ground level, bentonite mud circulation of approved specific gravity and the length of pile to be embedded in the pile cap. The cost shall include the cost of dismantling of laitenance/week concrete as per BIS norms removal of dismantled debries and the waste bore mug from the site as directed by the Engineer-In-Charge. The rate shall include all machineries required for boring, genset, skilled labour etc. (Length of pile for payment shall be measured upto the bottom of pile cap) - 400 mm dia	180.00 mts.			1 mt. (One Metre)	