

OFFICE OF THE BAHOUR COMMUNE PANCHAYAT

NOTICE INVITING TENDER

NAME OF WORK: CONSTRUCTION OF VILLAGE PANCHAYAT OFFICE BUILDING AT PANAYADIKUPPAM
IN BAHOUR COMMUNE PANCHAYAT.

<i>Sl. No.</i>	<i>Name of Work</i>	<i>Quantity</i>	<i>Rate</i>	<i>Unit</i>	<i>Amount</i>
1.	Earth work in excavation in foundation trenches or drains (not excluding 1.5m in width or 10sqm on plan) including draining of sides and ramming of bottoms, lift up to 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.	112.00m ³		1m ³ (one cubic metre only)	
2.	Supplying and filling in plinth with river sand under floors including, watering, ramming, consolidating and dressing complete.	44.00m ³		1m ³ (one cubic metre only)	
3.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth ; consolidating each deposited layers by ramming and watering lead upto 50m and lift upto 1.50m	44.00m ³		1m ³ (one cubic metre only)	
4.	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering – all work upto plinth level (1 cement :5 sand : 10 graded stone aggregate 40mm nominal size).	24.00m ³		1m ³ (one cubic metre only)	
5.	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 – 1:2:4 (1 cement:2 sand:4 graded stone aggregate 20mm nominal size).	20.50m ³		1m ³ (one cubic metre only)	
6.	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 – 1:2:4(one cement, two sand and four graded stone aggregate 20mm nominal size).	3.80m ³		1m ³ (one cubic metre only)	

7.	Reinforced cement concrete work in beams, suspended floors, roof having slope upto 15 degree, landings, balconies, shelves, chajjas, lintels, bands, plain window sills stair cases and spiral cases upto floor five level excluding cost of centring, shuttering, finishing and reinforcement with 1:2:4 (one cement, two coarse sand and four graded stone aggregate 20mm nominal size).	25.50m ³		1m3 (one cubic metre only)	
8.	Centring and shuttering including strutting, propping etc. and removal of form for – foundations, footings, bases of columns etc for mass concrete.	25.00m ²		1m2 (one square metre only)	
9.	Centering and shuttering including strutting propping etc. and removal of form for suspended floor, roofs, landings balconies and access platform.	155.00m ²		1m2 (one square metre only)	
10.	Centering and shuttering including strutting propping etc. and removal of form lintels, beams, plinth beams, girders, bressumers and cantilevers.	243.00m ²		1m2 (one square metre only)	
11.	Centering and shuttering including strutting propping etc. and removal of form for columns pillars piers, abutments posts and struts.	72.00m ²		1m2 (one square metre only)	
12.	Reinforcement for RCC work including straightening cutting bending, placing in position and binding all complete –TMT bars.	4,900 Kgs.		1 Kg. (One Kilo gram only)	
13.	Brick work with bricks of class designation 35 in foundation and plinth in – cement mortar 1:6 (1 cement : 6 sand).	11.50m ³		1m3 (one cubic metre only)	
14.	a) Brick work with bricks of class designation 35 in foundation and plinth in – cement mortar 1:6 (1 cement : 6 sand). b) Extra for brick work in superstructure above plinth level upto floor five level.	46.50m ³ 46.50m ³		1m3 (one cubic metre only) 1m3 (one cubic metre only)	

15.	a) Half brick masonry with bricks of class designation in super structure in cement mortar 1:4 (one cement and four sand).	12.00m ²		1m ² (one square metre only)	
	b) Extra for half brick masonry in superstructure, above plinth level upto floor five level.	12.00m ²		1m ² (one square metre only)	
16.	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position – country wood (Vengai).	0.85m ³		1m ³ (one cubic metre only)	
17.	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows excluding, panelling which will be paid for separately – country wood (Vengai) – 40 mm thick.	31.00m ²		1m ² (one square metre only)	
18.	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 pannelled or panelled and glazed shutters 25mm to 40mm thick – Country wood (Kongu).	26.00m ²		1m ² (one square metre only)	
19.	Providing and fixing M.S. round or square bars at required spacings in wooden frames of windows and clerestory windows.	85 Kgs.		1 Kg. (One Kilo gram only)	
20.	Providing 40x5mm flat iron hold fast 40cm long including fixing to frame with 10mm diameter, bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15cm 1:3:6 mix (1cement : 3 sand: 6 graded stone aggregate 20mm nominal size).	66 Nos.		1No. (One number only)	
21 a).	Providing and fixing oxidised M.S. pressed butt hinges with necessary screws etc. complete – 125x65x2.12mm	46 Nos.		1No. (One number only)	

21 b).	Providing and fixing oxidised M.S. pressed butt hinges with necessary screws etc. complete – 75x47x1.70mm	75 Nos.		1No. (One number only)	
22.	Providing and fixing oxidised M.S. sliding door bolts with nuts and screws etc. complete – 300x16mm	7 Nos.		1No. (One number only)	
23. a)	Providing and fixing oxidised M.S. tower bolt black finish (barrel type) with necessary screws etc. complete – 250x10mm.	21 Nos.		1No. (One number only)	
23. b)	Providing and fixing oxidised M.S. tower bolts black finish (barrel type) with necessary screws etc. complete – 100x10mm.	46Nos.		1No. (One number only)	
24.	Providing and fixing M.S. hooks and eyes conforming to IS:207-100mm	23 Nos.		1No. (One number only)	
25.	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-100mm.	12 Nos.		1No. (One number only)	
26.	Providing and fixing Godrej nav-tal-lock-65mm size.	7 Nos.		1No. (One number only)	
27.	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 cluding painting the exposed portion of loop, all as per standard design complete.	16 Nos.		1No. (One number only)	

28.	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 grades stone aggregate) finished with floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc. complete 40mm thick with 20mm nominal size stone aggregate.	10.00m ²		1m ² (one square metre only)	
28 a)	Precast terrazo tiles 20 mm thick with marble chips of sizes upto 6 mm laid in floors, and landings, jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete with precast tiles on 20 mm thick bed of - cement mortar 1:4 (1 cement : 4 sand) – medium shade using approximate 50% white cement 50% ordinary cement	100.00m ²		1m ² (one square metre only)	
29.	Painting the top of roof with bitumen of approved quality at 17Kg/10sqm impregnated with a coat of coarse sand at 60cum/10sqm including cleaning the slan 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.	90.00m ²		1m ² (one square metre only)	
30.	Providing and laying pressed clay tiles (as per approved pattern 20mm nominal thickness and of approved size) on roof jointed with cement mortar 1:4 (one cement and four coarse sand) mixed with 2% integral water proofing compound laid over a bed of 20mm thick cement mortar 1:4 (one cement and four coarse sand) and finished neat complete.	95.00m ²		1m ² (one square metre only)	
31.	Lime concrete terracing on roofs to specified thickness and fall with 25mm nominal size brick aggregate and 40% lime (no sand) rammed and finished with gur and belgiri treatment complete including rounding of junctions with parapat wall complete.	9.00m ³		1m ³ (one cubic metre only)	
32.	Providing and fixing on wall/column face 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.	50.00Rm.		1Rm (One running metre only)	
33.	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 10mm gap for thermal expansion –single tee with door –110x110x110mm.	5Nos.		1No. (One number only)	

34.	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 10mm gap for thermal expansion – shoe (plain) – 110mm shoe.	5 Nos.		1No. (One number only)	
35.	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.	15 Nos.		1No. (One number only)	
36.	12mm cement plaster of mix – 1:5 (1 cement : 6 fine sand)	205.00m ²		1m ² (one square metre only)	
37.	15mm cement plaster on the rough side of single or half brick wall of mix – 1:6 (1 cement : 6 fine sand)	290.00m ²		1m ² (one square metre only)	
38.	6mm cement plaster to ceiling of mix – 1:3(one cement, three fine sand).	176.00m ²		1m ² (one square metre only)	
39.	Distempering with first quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete as per manufacturer specification - two or more coats on new work.	390.00m ²		1m ² (one square metre only)	
40.	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).	290.00m ²		1m ² (one square metre only)	
41.	Applying priming coat – with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood).	81.00m ²		1m ² (one square metre only)	

42.	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).	81.00m ²		1m ² (one square metre only)	
43.	Applying priming coat-with ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanised iron/steel works.	7.50m ²		1m ² (one square metre only)	
44.	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade-new steelwork (two or more coats).	32.00m ²		1m ² (one square metre only)	
45.	Providing and fixing white vitreous china water closet squatting pan (indian type w.c. pan) with 100mm sand cast iron `p' or `s' trap, 10 litres low level pvc flushing cistern (of approved make) with fittings, C.I./M.S. brackets, 32mm diameter flush pipe with fittings and clamps, over flow arrangement with specials and mosquito proof coupling of approved municipal design including painting of fittings and brackets, cutting and making good the walls and floors wherever required - Orissa pattern w.c. pan of size 580x440mm with integral type foot rests flush pipe and overflow arrangement.	2 Nos.		1No. (One number only)	
46.	Providing and fixing white vitreous china wash basin with C.I./M.S. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required - Flat back wash basin size 630x450mm with a pair of 15mm C.P.brass pillar taps.	2 Nos.		1No. (One number only)	
47.	Brick work with bricks of class designation 35 in foundation and plinth in – cement mortar 1:4 (1 cement : 4 sand)	13.50m ³		1m ³ (one cubic metre only)	

48.	Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centring, shuttering, finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 sand) on exposed surfaces complete but excluding cost of reinforcement with 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size).	1.00m3		1m3 (one cubic metre only)	
49.	Providing and filling UPVC thermal guard (unit cowl) with necessary lubricant and slipping fixing complete-75mm dia.	1 No.		1No. (One number only)	
50.	Making soak pit 2.5M dia 3M deep with 45x45CM dry brick honey hob shaft with bricks of class designator 35 & S.W drain pipe 100mm diameter, 1.80m long complete as per standard design –with brick of class designation 35..	1 No.		1No. (One number only)	
51.	Constructing brick masonry chamber for underground C.I.inspection chamber and bends with 35 class designation bricks in cement mortar 1:5 (1 cement : 5 fine sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement :3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design - inside dimensions 455 x 610 mm and 45 cm deep for single pipe line. - With 35 class designation bricks.	3 Nos.		1No. (One number only)	
52.	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) upto haunches of S.W. pipes including bed concrete as per standard design - 100 mm diameter.	25 Rm.		1Rm (One running metre only)	

53.	Providing and fixing UPVC waste and vent pipe including jointing by rubber gasket with PVC lubricant with slipping to be filled up including cutting and making good the walls wherever necessary-75mm dia. outer diameter.(4kg/sq.cm).	3 Rm.		1Rm (One running metre only)	
54.	20 mm cement plaster finished with a floating coat of neat cement of mix 1:3 (1 cement : 3 fine sand).	26.00m2		1m2 (one square metre only)	
55.	Extra for providing and mixing water proofing material in proportion recommended by the manufacturers - 20 mm cement plaster 1:3 (1 cement : 3 sand).	26.00m2		1m2 (one square metre only)	
56.	Providing and placing on terrace (at all floor levels) polyethylene water storage tank of approved brand and manufacture with cover and suitable locking arrangement and making necessary holes for inlet, outlet, over flow pipes with all fittings but without the base support for tank.	1000 litres		1Litrer (one litre only)	
57.	Providing and fixing G.I pipes complete with G.I fittings including trenching and refilling and etc. (external work) - 25 mm dia nominal bore.	30.00 Rm		1Rm (One running metre only)	
58.	Providing and fixing G.I. pipe complete with G.I. fittings including trenching and refilling etc., (extranal work) - 20 mm dia nominal bore.	30.00Rm.		1Rm (One running metre only)	
59.	Providing and fixing gun metal non-return valve of approved quality (screwed end) - 25 mm nominal bore - vertical.	1 No.		1No. (One number only)	
60.	Providing and fixing brass bib cock of approved quality - 15 mm nominal bore.	6 Nos.		1No. (One number only)	
61.	Providing and fixing G.I union in G.I pipe including cutting and threading the pipe and making long screws etc. complete (new work). 25mm nominal bore.	2 Nos.		1No. (One number only)	

62.	Providing and fixing G.I union in G.I pipe including cutting and threading the pipe and making long screws etc. complete (new work). 20mm nominal bore.	2 Nos.		1No. (One number only)	
63.	Providing and fixing ball valve (brass) of approved quality complete - high or low pressure with plastic floats - 25mm nominal bore.	1 No.		1No. (One number only)	
64.	Providing and fixing PVC saddle set of 110x20mm size.	1 No.		1No. (One number only)	
65.	supplying and fixing C.I. cover without frame for manholes - 455 x 610 mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23 kg.	2 Nos.		1No. (One number only)	
66.	Providing and fixing mirror of required shape and size with plastic moulded frame of approved make and shape with 6 mm thick hard board backing - Rectangular shape 453 x 357 mm.	2 Nos.		1No. (One number only)	
67.	Providing and fixing towel rail complete with brackets fixed to wooden cleats with C.P. brass screws - C.P. Brass towel rail with two C.P. brass brackets - 600 x 20mm size.	2 Nos.		1No. (One number only)	
68a)	Providing precast cement concrete jali 1:2:4 (1 cement : 2 sand : 4 stone aggregate 6mm nominal size) reinforced with 1.6mm 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 - 25mm thick.	11.00m2		1m2 (one square metre only)	
68 b)	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.	360.00Kg.		1 Kg. (One Kilo gram only)	

69.	Providing and laying fixing of following size PVC pipes in the roof slab of make alvoplast or equivalent including required nails and clamps. a) 19mm dia 1.5mm thickness 16.31 b) 25mm dia 1.5mm thickness 16.30	140 Rm. 200 Rm.		1Rm (One running metre only) 1Rm (One running metre only)	
70.	Providing and fixing of following size PVC bend. a) 20mm dia 16.35 b) 25mm dia 16.34	32 Nos. 38 Nos.		1No. (One number only) 1No. (One number only)	
71.	Providing and concealing/fixing of following size PVC deep concealed/open type junction box including required screws etc. complete a) 20mm dia 16.33 b) 25mm dia 16.32	38 Nos. 50 Nos.		1No. (One number only) 1No. (One number only)	
72.	Providing and fixing of PVC round plate.	50 Nos.		1No. (One number only)	
73.	Providing and laying of reputed make multistranded copper wires of the following size with ISI marks. a) 1.5 sqmm. b) 2.5 sqmm. c) 4.0 sqmm.	630 Rm. 380 Rm. 65 Rm.		1Rm (One running metre only) 1Rm (One running metre only) 1Rm (One running metre only)	

74.	Providing and drilling 7/16 wire as directed by the Engineer-In-Charge.	160 Rm.		1Rm (One running metre only)	
75.	Providing and laying of 14/0.86mmn size plastic flexible twisted copper wires.	100 Rm.		1Rm (One running metre only)	
76.	Providing and fixing of ISI certified reputed make pendent/pattern angle holder suitable for 250V Angle/pattern holder	13 Nos.		1No. (One number only)	
77.	Providing and fixing of ISI certified incandescent bulb of the following capacities 60 W	13 Nos.		1No. (One number only)	
78.	Providing and fixing of reputed make bulk head fitting made of reinforced plastic body with glass cover lamp holder. The fitting should be provided with 60w 230V incandescent lamp (Make bajaj/ K lite/Crompton	13 Nos.		1No. (One number only)	
79.	Providing and fixing 40W/4" STL fitting (indoor)	15Nos.		1No. (One number only)	
80.	Providing and fixing 40W/4" STL fitting (outdoor)	1 No.		1No. (One number only)	
81.	Providing and fixing of 250w/400w HPSVL fittings including made of 40mm GI bracket and fixing in position with bolt and nuts gear box arrangement.	1 No.		1No. (One number only)	
82.	Providing and fixing sweep double ball bearing fan with complete accessories including down rod with electronic regulator (make Crompton Greaves/ Bajaj/Orient/Kaithan/Almonard/Usha or equivalent. 1400mm	10Nos.		1No. (One number only)	

83.	Providing and fixing of the following size of 375/300mm sweep exhaust fan with impeller louver, mounting ring, arms/resilient/rubber cushion with ISI specification mark (Make: Almonard/Usha/Kaithan/Orient or equivalent) including wall dismantling and plastering charges. Heavy Duty	3 Nos.		1No. (One number only)	
84.	Providing and fixing 5A ceiling rose	45 Nos.		1No. (One number only)	
85.	Providing and fixing of the following type teakwood boards a) 375 x 300 mm x 50mm b) 300 x 200 mm x 50mm c) 200 x 150 mm x 50mm	3 Nos. 6 Nos. 4 Nos.		1No. (One number only) 1No. (One number only) 1No. (One number only)	
86.	Supplying, shaping of standard size and fixing of 3mm thickness electrical teak wood board top with phenollite laminated sheet including required screws. a) 375 x 300mm b) 300 x 200mm c) 200 x 150mm	3Nos 6Nos 4Nos		1No. (One number only) 1No. (One number only) 1No. (One number only)	
87.	Providing and fixing of following capacity sheet steel double pole main switch with required capacity rewirable porcelain fuse unit conforming to relevant ISS (Make:MDS/Gem/Havells/Std 32A	1 No.		1No. (One number only)	

88.	Providing and fixing of following capacity sheet steel double pole main switch with required capacity rewireable porcelain fuse unit confirming to relevant ISS (Make:MDS/Gem/Havells/Std16 A	4 Nos.		1No. (One number only)	
89.	Providing and fixing of ISI certified reputed make Kit Kat fuse unit of tough non Igniliable insulation materials suitable lock. 15A/250V AC	4 Nos.		1No. (One number only)	
90.	Providing and fixing of ISI certified reputed make flush type single pole one way quick make and break switch suitable for following current capacities. a) 5A b) 15A	59 Nos. 1 No.		1No. (One number only) 1No. (One number only)	
91.	Providing and fixing of ISI certified reputed make flush type single pole two way quick make and break switch suitable for 5A, 250V AC	2 Nos.		1No. (One number only)	
92.	Providing and fixing of ISI certified reputed make socket outlet flush type with control suitable for 3 pin plug and following current capacities a) 5 A b) 15A	6 Nos. 2 nos.		1No. (One number only) 1No. (One number only)	
93.	Shaping, drilling and earthing of 40mm dia GI pipe (class B) with necessary charcoal salt, bolts and nuts (including labour)	3 Nos.		1No. (One number only)	
94.	Providing and fixing of 1.2mtx2x40w box type twin tube light fitting with all accessories including copper choke and ISI certified tube light (make Philips/Crompton Greaves/Bajaj or equivalent)	2 Nos.		1No. (One number only)	

95.	Supplying fixing and commissioning of suguna or other equivalent 0.50Hp monoblock pump set show speed single phase motor. The rate include the cost of pumpset, pumpset fixing in position and test run do. Complete as directed by the Engineer in charge.	1 Nos.		1No. (One number only)	
96.	White washing with shiting to give an even shade new work (three or more coats)	155.00m2		1m2 (one square metre only)	