

NAME OF WORK - PROPOSED CFC UNIT FOR KOLHAPUR TRADITIONAL JEWELRY CLUSTER FOR ADHAR SAMBAJI SANSTHAN AT YALGUD TAL. HATKANGALE, DIST. KOLHAPUR.	AR. GAJENDRA SABALE YASH OMKAR RESIDENCY, F. NO.104 372/6, RAJARAMPURI EXTENSION, NEAR CSIBER CHOWK, KOLHAPUR. 416008 PH NO. 0231-2534453
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B.O.Q (GROUND FLOOR & FIRST FLOOR)

SR. NO.	ITEM DESCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT (Rs.)
1	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means	CUM	45.77		
2	Excavation for foundation in Soft rock and old cement or lime masonry foundations including removing the excavated material upto a distance of 50 metres beyond the building area and stacking as directed, including dewatering, preparing the bed for the foundation and necessary back filling with available earth /murum, ramming, watering including shoring and strutting etc. complete (lift upto 1.5m) By Mechanical Means	CUM	8.10		
3	Filling in plinth and floors with approved excavated materials in 15cm to 20cm layers including watering and compaction complete.	CUM	13.47		
4	Filling in plinth and floors with contractors soil sand or murum in 15cm to 20cm layers incl. watering and compaction complete.	CUM	136.54		
5	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	CUM	5.34		

6	<p>Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap/ granite/ quartzite/gneiss metal for TRIMIX flooring, or architraves of required size and shapes including steel centering, formwork, laying/ pumping, compacting, roughening them if special finish is to be provided,finishing uneven and honeycombed surface and curing etc.</p> <p>complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. etc. complete, With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)</p>	CUM	26.02		
7	<p>Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)</p>	CUM	10.26		
8	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel). etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)</p>	CUM	4.05		
9	<p>Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. ground & plinth beams as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)</p>	CUM	14.35		

10	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	CUM	1.40		
11	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks compacting , curing , finishing and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)	CUM	0.12		
12	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	MT	1.80		
13	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/in plinth external walls including bailing out water manually, striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	CUM	13.16		
14	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete	CUM	8.80		
15	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 with out neeru finish to concrete or brick surfaces ,in all positions including scaffolding and curing etc. complete.	SQM	22.60		

16	Providing internal cement plaster 20mm thick in two coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete	SQM	42.20		
17	Providing rough cast cement plaster externally in two coats to concrete, brick or stone masonry surfaces in all positions with base coat of 12 to 15 mm thick in C.M. 1:4 and rough cast treatment 12mm thick in proportion 1:1 1/2:3 including scaffolding and fourteen days curing complete.	SQM	95.71		
18	Providing and laying matt finish ceramic tiles of having size 30cmx30cm confirming to I.S.15622/2006 (groupDII-A) and 7to8 mm thick for flooring inrequired position laid on a bed of 1:4 cement mortar including cement float, filling joint with white/colour cement slurry cleaning curing etc. complete.	SQM	4.69		
19	Providing and laying ceramic tiles having size 30cm.x45cm. confirming to corresponding I.S. for dado and skirting in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white/colour cement slurry cleaning curing etc. complete.	SQM	25.96		
20	Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15 mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) (Without mechanical gear)	SQM	7.20		
21	Providing & fixing soild concrete readymade frames with 16 mm thk. Bision panel door as per detailed drawing all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures & fastenings, with handles on both sides and finishing with oil painting 2 coats	CUM	3.36		

22	<p>Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 kg/Rmt. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 kg/Rmt.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 kg/Rmt. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 kg/Rmt. and handle section 40 x 18 x 1.25 mm at weight 0.417 kg/Rmt. As per detailed drawings and as directed by Engineer-in-charge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete with powder coating without box spec. No. : As directed by Engineer in charge</p>	SQM	32.58		
23	<p>Providing & applying priming coat to concrete/masonry/cement plastered surface including scaffolding if necessary , preparing surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required Spec. No. : As directed by Engineer in charge</p>	SQM	42.20		
24	<p>Providing & applying washable oil bond distemper of approved colour and shade to old & new surfaces in two coats including scaffolding, preparing surface, (excluding the primer coat) complete. Spec No.Bd.P.5 Page No.413</p>	SQM	42.20		
25	<p><u>M.S. window grill-</u> Providing & fixing mild steel grill work for windows as per drawing including fixtures, necessary welding & painting with one coat of anticorrosive paint & two coats of oil painting complete.</p>	SQM	15.75		

26	<p>Supplying , purchasing, transporting, loading and unloading, stacking, handling, hositing, cutting as required, laying, fitting & fixing in roofing & cladding at any and allow elevations 0.500 mm nominal TCT, high strength (550 Mpa yield strength min.) The hot dip coating of Al.Zn alloy coated steel sheets comprises of 55% Aluminium, 43.50% Zinc and 1.50% Silicon, mixedby weight (total both sides) in hot dip process with profiles and material strictly as per Technical Specifications, on steel structures complete with necessary SDST screws with EPDM washers, using screws of approved make and conforming to Technical specifications. The rate shall include all costs towards material, transpoert storage, handling, lifiting, positioning, fixing and all labour etc. complete. Measurment shall be made on "as laid" area. The entire supplies and work shall be executed in accordance with the Technical Specifications for Sheetting works appended here to.</p>	SQM	575.00		
27	<p>Supplying and fixing of factory framed ridges, flashing, gutter, corners etc. of 0.5mm PPGI /GL, in approved shape and size, as required , complete with all necessary jointing material, boots, nuts, washers, sealing, including cutting holes, notching, bending etc. to ensure near appearance as per sheet manufacture's recommendations with necessary water locking arrangement, over lapping of same profile on both side Measurment shall be done on "as laid" lengths.</p>				
	a) Ridge	RM	50.00		
	b) Gutter	RM	100.00		
	c) Down take pipe	RM	68.00		
	d) Corner Flashing	RM	22.00		
	e) Reverse 'L' flashing	RM	8.00		
	f) Barge Board	RM	17.00		
	g) Bottom Flashing	RM	42.00		
28	<p>Providing structural steel work in trusses, columns, baseplates, canopy, staircase, purlins, bracing , mezz. floor work, etc. as per detailed designs and drawing or as directed including cutting, fabricating , hosting, erecting, fixing in position, make riveted/bolted/welded connections and one coat of anticorrosive paint and over it 2 coats of oil painting complete</p>	MT	11.20		

29	Providing fabricating and fixing M.S. foundation bolts for trusses , columns, foundations, etc. of standard sizes, detailed design and drawing, and as directed for all heights incl. cutting, fabricating, hosting, erecting, and fixing in position, incl. nutbolts, washers, cleaning the thread, portion of bolts shall be protected etc. complete	KG	230.00		
30	Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	RM	24.00		
31	Providing and fixing on walls/ ceiling/ floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc.	RM	12.00		
32	Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc.	RM	10.00		
33	Providing and fixing on walls/ ceiling/ floor 40 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	RM	12.00		
34	Providing, laying and fixing P.V.C. pipe of 40mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	RM	12.00		
35	Providing, laying and fixing P.V.C. pipe of 75mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	RM	12.00		

36	Providing and fixing P.V.C. Rain water pipes of 110mm outer diameter and having wall thickness of 2.2 to 2.7 mm confirming to I.S. 13592- 1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall a fixing with clips of approved quality and number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional 2 piece socket clips shall be got approved from engineer in charge etc. complete.	RM	12.00		
37	Providing and fixing Orissa type white glazed earthenware water closet pan of size 260mm x 440mm x 580mm with approved make Slim wall hung cistern with installation kit including S or P trap with cast iron soil and vent pipe upto outside face of the wall 1:2:4 brick bat lime concrete bedding without flushing tank and its accessories etc.complete.	NO	2.00		
38	Providing and fixing white glazed earthenware Wash Hand Basin of 63cm x 45cm size including Bib cock stop tap brass heavy 15mm, brackets, rubber plugs and brass chain, stop tap and necessary pipe connection including P.V.C. waste pipe and trap up to the outside face of the wall.	NO	2.00		
39	Providing and fixing 15mm dia. Screw down bib/stop tap of brass including necessary socket union nut complete.	NO	4.00		
40	Providing and fixing screwdown for 40mmdia. Wheeled stop tap of brass including necessary sockets/union nut complete.	NO	2.00		
41	Providing and fixing H.D.P container Syntex or alike one piece moulded water tank made out of low density polythylar and built corrugation including of delivery up to destination hoisting and fixing of accessories such as inlet, outlet overflow of all tanks capacity above 1000 to 20,000 litres	LIT.	1000.00		

42	Providing , laying and fixing ,jointing Eco- drain 160 mm SN 4 Nu- Drain Upvc pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 with fittings such a bends, tees , coupler, etc, jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated materialetc. complete.	RM	10.00		
43	Providing , constructing and fixing 250 mm dia. Inspection chamber made up of UPVC material of thickness 3.5 mm and height of 259 mm with inlet and outlet of 110 mm dia. with 75 mm dia. U Trap, Ultra shaft pipe of Upvc material having height of 470 mm and fixing Ultra 250 mm dia. UPVC cover and frame in 150 mm thick in c.c.1:2:4, having crushed sand bed of 100 mm thick of size 550 mm dia. Including excavation and refilling the sides of chamber by crushed sand cushioning 150 mm thickness, connecting all	NO	4.00		
44	Providing and fixing 10 cm PVC nahani trap with grating etc. complete.	NO	2.00		
				SUB TOTAL RS.	
				ADD. G.S.T. 18%	
				RS.	
				TOTAL RS.	
IN WORDS :					