

ABSTRACT OF COST

Sl. No.	Description	Amount
1	Total Cost of Civil works	
2	Total Cost of Sanitary works	
3	Total Cost of water supply works	
4	Total Cost of internal electrification	
	Total	

NAME OF PROJECT:
Tender Format for "HASTAKALA SILPA CLUSTER" MIRZA

SL. NO.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE (in Rs./unit)	Amount (Rs.)
1	EARTHWORK				
	Earthwork in excavation for foundation trenches of walls, retaining walls, footing of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.				
	(A) Up to a depth of 2.00m below the existing ground level (a) In ordinary soil	Cum	3.492		
	Earth/sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary.				
	With river sand or silt (predominantly non plastic) by truck carriage including loading and unloading.	Cum	65.136		
2	PLAIN CEMENT CONCRETE WORKS				

	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately).				
	(a). In prop. 1:3: 6 (1 cement:3 coarse sand : 6 coarse agg. by volume (using mixture machine)	Cum	3.600		
	Providing and laying 25mm thick damp proof course with cement concrete in prop 1:1.5:3 with graded stone agg. of 100mm down nominal size including providing approved damp proof admixture in proportion as recommended by the manufacture including curing etc. complete as directed.	Sq.m	144.744		
3	REINFORCED CEMENT CONCRETE WORKS				
	Providing and laying plain/reinforced cement concrete works in prop 1:1.5:3 (1 cement :1.5 coarse sand :3 graded stone chips, 20mm down) including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately) (i)In substructure up to plinth level				
	Foundation, footing, column with base, tie and plinth beam, grade beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick.	Cum	15.000		
4	BRICKWORK				

	Providing brick soling in foundation and under floor with stone/best quality picked jhama brick, sand packed and laid to level and panel after preparing the sub-grade as directed including all labour and materials and if necessary dewatering, complete.				
	Brick on flat soling.	Sq.m	30.000		
	112 mm thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embeded in cement mortar and will be measured and paid separately)				
	a) In cement mortar in proporation 1:4 (1 cement : 4 sand)				
	(i) In super structure up to 1st floor level	Sq.m	180.10		
5	PLASTERING				
	15mm thick Cement plaster in single coat on ceilings for interior plastering including arises, internal round angles, chamfers and/ or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed.				
	In Cement mortar 1:3				
	(ii)upto 1st floor level	Sq.m	180.10		
6	Floor Tiles				

	<p>Providing VITRIFIED floor tiles of approved quality of specified size, shape and thickness not less than 18mm on floors, skirtings, risers and treads of steps over 15 mm thick base of cement mortar in prop. 1:3 (1 cement : 3 coarse sand) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf) / white cement slurry mixed with approved pigment to match shade of tiles, mixed with approved pigment to match the shade of the tiles, complete at all levels as specified and directed. (Cement plastering to be measured and paid separately). (Coloured pigment should be in conformity with colour of tiles and as approved and directed by the Department)</p> <p>c) Delux range (Sizes 1000 mm x 1000mm iii) Nitco vitrified made</p>	Sq.m.	23		
7	PAINTING				
	<p>Providing two coats of J.K Wall Putty (White Cement based putty for concrete/ mortar walls and ceiling both internal and external) after removing all loosely adhering material from the wall surface with the help of emery stone, putty blade or wire brush and moistening the wall with sufficient quantity of clean water as specified and directed by the department. (Total thickness of two coats is maximum 1.5mm)</p>	Sq.m	180		

	Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.	Sq.m	180		
	Wall painting (two coats) with Plastic emulsion paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new surface to give an even shade after thoroughly brushing the surfaces free from mortar droppings and other foreign matter and sand papered smooth.				
	(a).Plastic Emulsion Paint of approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac)	Sq.m	180		
8	DOORS/ WINDOWS & FITTING				
	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidized iron butt hinges (100mm× 75mm×3.5mm) 6 nos. with necessary wood screws.				
	a) Decorative type face panel and block board core.				
	(ii) 35mm thick.	Sq.m	7.56		
	a) Providing , fitting & fixing 1st class local wood battened,framed and braced door and window shutters including oxidised iron butt hinges(100mmx58mmx1.9mm)6 nos with necessary screws.				
	a) using bonsum/holok wood	Sq.m	39.84		

9		RAILLING				
		Providing, fitting and fixing M.S. grill of required pattern for windows/ clerestory windows/ opening with M.S. flats at required spacing in frame all round, square or round M.S. bars with round headed bolts and nuts or screws.				
		II. Ornamental grill. C) fixed to brick work /P.C.C/R.C.C.	KG	396.00		
10		DOORS/ WINDOWS & FITTING				
		Supplying, fitting, fixing brass fittings of approved make, reasonably smooth, free from sharp edges and corners, flaws and other defects and with counter sunk holes for screws including necessary c.p. brass screws etc. complete. (bright natural matt & satin finished).				
		b) Tower bolts i) 300mm x 10mm	NO	22		
		c) Door handles (iii) 150 mm	NO	22		
11		TRUSS				
		Providing fitting, hoisting and fixing of roof trusses including purlins fabricated out of M.S. black-tubes conforming to relevant I.S. code, as per approved design and drawings including providing M.S. cleats, base plates, bolts and nuts and one coat of red oxide Zinc Chromate primer and two coats of approved enamel paints complete including fitting necessary cleats etc. for fixing ceiling joists as per design and drawing as directed. b) Using other ISI marked approved circular hollow section	Qtl	30.800		
12		ROOF				

	Providing corrugated galvenised iron sheet roofing TATA SHAKTEE/SAIL/DYNA including fitting and fixing necessary galvanised J or l hooks, bolts and nuts of 8mm dia. With bitumen washer 25 mm dia x3mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlins etc. (a) 0.45 mm thick	sq.m	213.125		
13	CEILING				
	supplying fitting ,fixing and painiting where necessaryM/F SUSPENDED CEILLING as per design				
	i)9.5 mm thk.	sq.m	144.744		
14	MOSQUITO NET				
	Providing fly proof M.S. wire netting of I.S.gauge designation 85 with wire of dia 0.05 mm over hollock or other wood dressed frame including 1st class timber beading Of 38mmx12mm size chamfered including fitting fixing with necessary wood screws etc.complete as directed.	sq.m	27.600		

Tender Format for "HASTAKALA SILPA CLUSTER" MIRZA

ELECTRIFICATION WORKS

SL.NO	ITEM DESCRIPTION	UNIT	RATE	QNTY	AMOUNT
1	Wiring for light/ fan/ call bell point with 3x1.5 sq. mm. P.V.C. insulated single core unsheathed industrial (Multistrand) cable HFFR/ZHFR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco or Equivalent Make as approved by the Deptt.) in surface/ recessed conduit wiring system with 2 mm thick 20mm dia rigid low halogen SFT PVC IS: 9537 Part - III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) including ceiling rose etc. complete				
	Short point up to 3.00 metre. Length.	Each		125	
2	Wiring for circuit wiring with P.V.C. insulated single core unsheathed industrial (Multistrand) cable HFFR/ZHFR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco or Equivalent Make as approved by the Deptt.) cable in surface/ recessed PVC 2 mm thick rigid low halogen SFT PVC IS: 9537 Part - III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) wiring system.				
3	With 3 x 1.5 sq. mm. cable in 20 mm dia. rigid low halogen SFT PVC IS: 9537 Part - III conduit	Metre.		135	

4		Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable HFFR/ZHFR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco or Equivalent Make as approved by the Deptt.) in PVC conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) with earth continuity in surface/ recessed 2 mm thick rigid low halogen SFT PVC IS: 9537 Part - III conduit wiring system.				
		(a) with 2 x 2.5 sq. mm. + earth continuity with 1x1.5 sq. mm. in 20 mm. dia. rigid low halogen SFT PVC IS: 9537 Part - III conduit.	Metre.		35	
5		b) with 2 x 4 sq. mm. + earth continuity with 1x2.5 sq. mm. in 20 mm. dia. rigid low halogen SFT PVC IS: 9537 Part - III conduit	Metre.		35	
6		Supplying including and fixing of following Metal boxes for MODEL RANGE LEGRAND (MYRIUS), ANCHOR (VIOLA), MK (WRAPAROUND/ PLUS), ABB (CHEIRON), KOLORS (KREST), SCHNEIDER (VIVACE), CRABTREE in surface/ recessed system complete as per direction of department.				
		1-2 module type Metal	Each		5	
		3 module type Metal	Each		5	
		4-5 module type Metal	Each		10	

7	Supplying including fitting fixing of following front plate of suitable colour MODEL RANGE LEGRAND (MYRIUS), ANCHOR (VIOLA), MK (WRAPAROUND/ PLUS), ABB (CHEIRON), KOLORS (KREST), SCHNEIDER (VIVACE), CRABTREE as per direction of department.				
	1 module	Each		5	
	2 module	Each		5	
	3 module	Each		10	
8	Supplying including installation of socket outlet 6/16 Amps 3/5 pin combine shuttered complete , MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each		5	
9	Supplying including installation of socket outlet 6 Amps 3 pin combine shuttered complete , MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each		5	
10	Supplying with fitting fixing of 16 amp one way modular clip in switch, MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each		8	

11	Supplying with fitting fixing of 6 amp one way modular clip in switch, MODEL RANGE LEGRAND (MYLINC), ANCHOR (ROMA), MK (IVORY), ABB (CLASSIC), KOLORS (KRAZE), SCHNEIDER (OPAL), PHILIPS, Havells including making necessary connection as per direction of department.	Each	5
12	Supplying with fitting and fixing MCCB income and MCB outgoing sheet steel, phosphatised, powder painted double door IP-43 surface mounting vertical TPN MCB DB incorporated with bas-bar up to 250A, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt.		
	(C&S, Havells, Indo Asian, HPL, V-Guard or equivalent make as approved by the Deptt.)		
	4 way TPN (4+12) double door	Each	1
13.00	Supplying including fitting and fixing of the following CFL lamp Twister/Tornado/Mbianle/Essential/Genie etc. complete as directed and specified by the deptt. (Philips or equivalent)		
	Essential HPF 23 W WW E-27-220-240 V ICT/12	Each	5
14	Supply, installation testing and commissioning of following LAN networks equipments.		
	Solid Copper Cable Cat 6, 4 pair, UTP - 305m SCHNEIDER/LEGRAND or equivalent make as approved by the Deptt..(305 mtr)	Box	1

15		Supply and fixing of 19 mm dia 1.50mm to 2.00mm average wall thickness heavy rigid PVC IS: 9537 Part - III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) on surface system including painting etc as required:				
			Metre		25	
16		Supply and fixing of 25 mm dia 1.50mm to 2.00mm average wall thickness heavy rigid PVC IS: 9537 Part - III conduit (Berlia/ AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) on surface system including painting etc as required:				
			Metre		15	
17		Supplying including fitting fixing of following A.C. Exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the Deptt.)as required complete and as directed by the Department..				
		Domestic				
		Heavy Duty 450 mm sweep 900 RPM Single phase (ORIENT make)	Each		1.00	
18		Supplying including fitting fixing of following star rated A.C. Ceiling fan complete with all accessories like down rod, canopy etc. of following sweeps with making necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Department [Without regulator]. (ORIENT PSPO make / Usha make/ CROMPTON make/ Havells/ ATC/ V GAURD make)				
		Energy efficient 5-star 54" sweep. ORIENT PSPO / Usha / CROMPTON / Havells/ ATC or equivalent make	Each		10.00	

		TOTAL AMOUNT				

SANITARY WORKS						
Sl · No.	Description of Items.	Unit	Rate	Qty.	Amount .	
1	PVC PIPES, BENDS, JUCTIONS, TEES ETC.					
	Supplying fitting and fixing PVC single 'Y' with door of (Supreme/Prince) or other ISI approved including joining, fitting and fixing etc. as necessary complete at all levels including below G.L. as directed and specified.					
	a) In exposed surfaces or in trenches.					
	(i) 110mm dia.	each		5.00		
	(ii) 75 mm dia.	each		10.00		
	Supply fitting and fixing PVC socket plug of (Supreme/ prince) or other ISI approved including joining, fitting and fixing with long screw fitting, H.W. clamps etc. completed at all levels including bellow G.L. as directed and specified.					
	i) 110mm dia.	Each		10.00		

		ii) 75mm dia.	Each		10.00	
2		COWEL				
		Providing fitting and fixing 100mm dia PVC cowel of ISI make complete as direction and specified.	Each		1.00	
3		EUROPEAN TYPE WATER CLOSET				
		Providing and fixing white vitrious china squatting plate of size 450mmx350mm with automatic flushing cistern of similar colour and an integral longitudinal flushing pipe of Parryware make with standard size PVC flush pipe for back and front flush with standard spreader pipes with fittings G.I. clamps etc. complete including painting of fittings and brackets cutting and making good the walls and floors wherever required.				
		(A) (a)white				
		(i)	each		1.00	
4		WASH BASIN				
		Providing vitreous China wash basin of size 630mm x450mm of Parryware make with CI/MS brackets, 32mm CP brass waste coupling of standard pattern,C.P stop cock,C.P brass chain with plug,PVC waste pipe including painting of fittings and brackets, cutting and making good the walls wherever required.				
		(A) (a) White				
		(iii)	each		1.00	
5		MIRROR				
		Providing fitting and fixing mirror with plastic frame of sizes 500x400mm complete as directed and specified.				
		(a) Size 800mmx600mm	each		1.00	
6		SOAP TRAY,SOAP DISH,LIQUID SOAP DISPENSER AND LIQUID SOAP CONTAINER				
		Providing, fitting and fixing recessed soap tray of Hindware make complete as specified and directed.				

		(A) White				
		(i) Size 285mm x 145mm	each		2.00	
7		TOWEL RAIL				
		Providing, fitting and fixing chrome plated (CP) towel rail of Jaquar make complete as specified and directed.				
		(a)(i) Continental Accessories (600mm long)	each		1.00	
8		BOTTLE TRAP				
		Providing fitting and fixing C.P. bottle trap Indian type with outlet pipe and wall flange of following size Ark Sona make for basin etc. complete as directed and specified.				
			each		2.00	
					Total Rs. =	