

Government eProcurement System

Created By: LALIT MEENA

Created Date/Time: 18-Dec-2024 04:31 PM

Tender Title: Construction of Hostel Accommodation at C.A. Kandla

Tender ID: 2024_AAI_214791_1

Tender Inviting Authority: Sr. Manager (E-C), Kandla airport

Name of Work: Construction of Hostel Accommodation at C.A. Kandla

Contract No: 2024_AAI_214791_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Arpan Engineering Co (GSTN-24AAZFA7613G1Z8) BID ID -780351		DHANJIBHAI K PATEL (GSTN-24AAHFD1913C1Z4) BID ID -781342		Umiya Construction (GSTN-24AABFU5911F1ZH) BID ID -783321	
					Rate	Amount	Rate	Amount	Rate	Amount
1.00	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	347.00	Cum		78.00	27066.00	110.00	38170.00	140.00	48580.00
2.00	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. Ordinary rock	39.00	Cum		245.00	9555.00	145.00	5655.00	190.00	7410.00
3.00	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 up to 50 m and lift upto 1.5 m.	347.00	Cum		78.00	27066.00	70.00	24290.00	60.00	20820.00
4.00	Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials. All kinds of soil	90.00	Cum		78.00	7020.00	110.00	9900.00	50.00	4500.00
5.00	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	44.00	Cum		770.00	33880.00	680.00	29920.00	850.00	37400.00
6.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources)	24.00	Cum		3725.00	89400.00	4380.00	105120.00	4000.00	96000.00
7.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	42.00	Cum		3705.00	155610.00	3300.00	138600.00	3350.00	140700.00

L1 Amount	L1 Vendor
27066.00	Arpan Engineering Co
5655.00	DHANJIBHAI K PATEL
20820.00	Umiya Construction
4500.00	Umiya Construction
29920.00	DHANJIBHAI K PATEL
89400.00	Arpan Engineering Co
138600.00	DHANJIBHAI K PATEL

8.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	5.00	Cum
9.00	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases for columns, etc. for mass concrete	130.00	Sqm
10.00	Centering and shuttering including strutting, propping etc. and removal of form work for : Suspended floors, roofs, landings, balconies and access platform	222.00	Sqm
11.00	Centering and shuttering including strutting, propping etc. and removal of form work for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	303.00	Sqm
12.00	Centering and shuttering including strutting, propping etc. and removal of form work for : Columns, Pillars, Piers, Abutments, Posts and Struts	167.00	Sqm
13.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	7500.00	Kg
14.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	9300.00	Kg
15.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level Concrete of M30 grade with minimum cement content of 350 kg /cum	50.00	Cum

3625.00	18125.00	3000.00	15000.00	3000.00	15000.00
249.00	32370.00	210.00	27300.00	400.00	52000.00
385.00	85470.00	320.00	71040.00	580.00	128760.00
340.00	103020.00	340.00	103020.00	540.00	163620.00
525.00	87675.00	350.00	58450.00	600.00	100200.00
89.00	667500.00	72.00	540000.00	79.00	592500.00
89.50	832350.00	74.00	688200.00	80.00	744000.00
5954.00	297700.00	4900.00	245000.00	7100.00	355000.00

15000.00	DHANJIBHA I K PATEL, Umiya Construction
27300.00	DHANJIBHA I K PATEL
71040.00	DHANJIBHA I K PATEL
103020.00	Arpan Engineering Co, DHANJIBHA I K PATEL
58450.00	DHANJIBHA I K PATEL
540000.00	DHANJIBHA I K PATEL
688200.00	DHANJIBHA I K PATEL
245000.00	DHANJIBHA I K PATEL

16.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level upto floor V level Concrete of M30 grade with minimum cement content of 350 kg /cum	62.00	Cum
17.00	Add for using extra cement in the items of design mix over and above the specified cement content therein.	40.00	quintal
18.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	52.75	Cum
19.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	124.00	Cum
20.00	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size,approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble	51.00	Sqm
21.00	Extra for providing frosted glass panes 5 mm thick (weight not less than 12.5 kg per sqm) instead of ordinary float glass panes 5 mm thick (weight not less than 12.5 kg per sqm) in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	10.00	Sqm
22.00	Providing and fixing KICH DC522S Aluminum Extruded hydraulic door closer (overhead - hold open upto 90 kg Silver), with necessary accessories and screws etc. all complete as per the direction of EIC.	4.00	Each

5954.00	369148.00	4950.00	306900.00	7400.00	458800.00
720.00	28800.00	700.00	28000.00	700.00	28000.00
5424.00	286116.00	5750.00	303312.50	6800.00	358700.00
5954.00	738296.00	5850.00	725400.00	7000.00	868000.00
1854.00	94554.00	3700.00	188700.00	2000.00	102000.00
129.00	1290.00	750.00	7500.00	220.00	2200.00
1050.00	4200.00	1250.00	5000.00	2100.00	8400.00

306900.00	DHANJIBHA I K PATEL
28000.00	DHANJIBHA I K PATEL, Umiya Constructio n
286116.00	Arpan Engineering Co
725400.00	DHANJIBHA I K PATEL
94554.00	Arpan Engineering Co
1290.00	Arpan Engineering Co
4200.00	Arpan Engineering Co

23.00	Providing and fixing pull handle 240 mm satin finish make Godrej (Theo 4911) with necessary screws etc. all complete as per the direction of EIC.	24.00	Each
24.00	Providing and fixing Kich (PRAD936-304) satin finish Aldrop with nuts and screws etc. complete : 250x16 mm	12.00	Each
25.00	Providing and fixing Kich TBS36S satin finish tower bolt (Square 150mm), with necessary screws etc. all complete as per the direction of EIC.	12.00	Each
26.00	Providing and fixing Kich DSTRS satin finish door stopper (Zinc) with rubber cushion, with necessary screws etc. to suit shutter thickness all complete as per the direction of EIC.	8.00	Each
27.00	Providing and fixing Kich MDB1S brass dead bolt (Back Set 50) (With Stainless Steel 160mm main and strike Plate) With Close Body 108 mm height -Satin, with pin cylinder PC11KKS 60mm-Computerized Doted Both Side Key-Satin with KICH SS 316 Euro Profile Escutcheons round-Satin, all complete as per the direction of EIC.	4.00	Each
28.00	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Double strip (horizontal type)	8.00	Each
29.00	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete.	23.00	Sqm
30.00	Providing and fixing cupboard shutter with 19mm thick one side decorative and other side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand including 2mm thick PVC edge banding tape with hot glue by edge bending machine etc. with auto closing spring loaded hinges (hydraulic type) etc. complete as per direction of Engineer-in-charge. (Payment of providing and fixing auto closing hinges shall be paid separately)	32.00	Sqm
31.00	Providing and fixing pull handle 300 mm satin finish make Godrej (Theo 4909) with necessary screws etc. all complete as per the direction of EIC.	8.00	Each
32.00	Providing and fixing stainless steel soft closing spring hinges at 0 degree hinges (hydraulic type) of approved make/brand to cupboard shutters with full threaded steel screws including making necessary recess in board and finished etc. complete as per direction of Engineer-in-charge.	24.00	Each
33.00	Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per directions of Engineer-in-charge.	8.00	one set
34.00	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	2000.00	Kg

1300.00	31200.00	250.00	6000.00	1450.00	34800.00
795.00	9540.00	250.00	3000.00	800.00	9600.00
320.00	3840.00	250.00	3000.00	340.00	4080.00
425.00	3400.00	100.00	800.00	450.00	3600.00
1420.00	5680.00	2300.00	9200.00	1700.00	6800.00
22.50	180.00	70.00	560.00	125.00	1000.00
625.00	14375.00	810.00	18630.00	750.00	17250.00
1725.00	55200.00	3400.00	108800.00	3400.00	108800.00
1425.00	11400.00	1500.00	12000.00	1600.00	12800.00
262.00	6288.00	450.00	10800.00	240.00	5760.00
720.00	5760.00	1100.00	8800.00	850.00	6800.00
107.50	215000.00	120.00	240000.00	110.00	220000.00

6000.00	DHANJIBHA I K PATEL
3000.00	DHANJIBHA I K PATEL
3000.00	DHANJIBHA I K PATEL
800.00	DHANJIBHA I K PATEL
5680.00	Arpan Engineering Co
180.00	Arpan Engineering Co
14375.00	Arpan Engineering Co
55200.00	Arpan Engineering Co
11400.00	Arpan Engineering Co
5760.00	Umiya Construction
5760.00	Arpan Engineering Co
215000.00	Arpan Engineering Co

35.00	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	57.00	Sqm
36.00	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	18.00	Sqm
37.00	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	45.00	metre
38.00	Extra for Kota stone/ sand stone in treads of steps and risers using single length up to 2.00 metre.	18.00	Sqm
39.00	Providing and laying vitrified floor tiles(glossy/matt/antiskid) in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	128.00	Sqm
40.00	Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles and jointing with grey cement slurry @ 3.3 kg/ sqm.	9.00	Sqm
41.00	Providing and laying Vitrified tiles(glossy/matt/antiskid) in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	46.00	Sqm
42.00	Grouting the joints of flooring/wall tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge. Size of Tile 600x600 mm	174.00	Sqm
43.00	Deduct for not grouting the joints with white cement and matching pigment in the items of fixing of vitrified tiles.	174.00	Sqm
44.00	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase	53.00	metre
45.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	670.00	Sqm
46.00	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 coarse sand)	560.00	Sqm

1425.00	81225.00	1500.00	85500.00	1235.00	70395.00
1425.00	25650.00	1650.00	29700.00	1450.00	26100.00
145.00	6525.00	120.00	5400.00	190.00	8550.00
32.00	576.00	1100.00	19800.00	40.00	720.00
980.00	125440.00	890.00	113920.00	1150.00	147200.00
850.00	-7650.00	50.00	-450.00	300.00	-2700.00
950.00	43700.00	910.00	41860.00	1250.00	57500.00
210.00	36540.00	350.00	60900.00	180.00	31320.00
1050.00	-182700.00	10.00	-1740.00	8.00	-1392.00
208.00	11024.00	160.00	8480.00	90.00	4770.00
258.00	172860.00	140.00	93800.00	325.00	217750.00
260.00	145600.00	150.00	84000.00	390.00	218400.00

70395.00	Umiya Construction
25650.00	Arpan Engineering Co
5400.00	DHANJIBHAI K PATEL
576.00	Arpan Engineering Co
113920.00	DHANJIBHAI K PATEL
-7650.00	Arpan Engineering Co
41860.00	DHANJIBHAI K PATEL
31320.00	Umiya Construction
-182700.00	Arpan Engineering Co
4770.00	Umiya Construction
93800.00	DHANJIBHAI K PATEL
84000.00	DHANJIBHAI K PATEL

47.00	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	253.00	Sqm
48.00	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	474.00	Sqm
49.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	100.00	Sqm
50.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	1044.00	Sqm
51.00	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	1044.00	Sqm
52.00	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	192.00	Sqm
53.00	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board 510x1040 mm bowl depth 250 mm	4.00	Each
54.00	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	8.00	Each
55.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes	30.00	metre
56.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 15 mm nominal dia Pipes	20.00	metre

260.00	65780.00	130.00	32890.00	300.00	75900.00
90.00	42660.00	50.00	23700.00	85.00	40290.00
115.00	11500.00	55.00	5500.00	90.00	9000.00
95.00	99180.00	70.00	73080.00	55.00	57420.00
88.00	91872.00	40.00	41760.00	80.00	83520.00
590.00	113280.00	380.00	72960.00	650.00	124800.00
3200.00	12800.00	3250.00	13000.00	4500.00	18000.00
950.00	7600.00	1050.00	8400.00	700.00	5600.00
530.00	15900.00	280.00	8400.00	350.00	10500.00
10.00	200.00	350.00	7000.00	85.00	1700.00

32890.00	DHANJIBHA I K PATEL
23700.00	DHANJIBHA I K PATEL
5500.00	DHANJIBHA I K PATEL
57420.00	Umiya Constructio n
41760.00	DHANJIBHA I K PATEL
72960.00	DHANJIBHA I K PATEL
12800.00	Arpan Engineering Co
5600.00	Umiya Constructio n
8400.00	DHANJIBHA I K PATEL
200.00	Arpan Engineering Co

57.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal dia Pipes	100.00	metre
58.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 50 mm nominal dia Pipes	250.00	metre
59.00	Providing and fixing brass stop cock of approved quality :15 mm nominal bore	12.00	Each
60.00	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	6.00	Each
61.00	Providing and fixing ball valve (brass) of approved quality pressure, with plastic floats complete : 25 mm nominal bore	4.00	Each
62.00	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	12.00	Each
63.00	Providing and fixing OHS-CHR-1663 Jaquar shower rose round shape 120mm dia with SHA-CHR-479L300S Jaquar shower arm etc. all complete as per direction and satisfaction of Engineer-in-Charge.	4.00	Each
64.00	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	4000.00	per litre
65.00	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete. 100 mm	32.00	Each
66.00	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than 275 gm/ m²	60.00	Sqm

515.00	51500.00	410.00	41000.00	150.00	15000.00
595.00	148750.00	520.00	130000.00	650.00	162500.00
330.00	3960.00	550.00	6600.00	600.00	7200.00
540.00	3240.00	1250.00	7500.00	1500.00	9000.00
360.00	1440.00	2500.00	10000.00	1000.00	4000.00
63.00	756.00	450.00	5400.00	100.00	1200.00
2050.00	8200.00	3800.00	15200.00	3000.00	12000.00
9.00	36000.00	10.20	40800.00	8.00	32000.00
500.00	16000.00	210.00	6720.00	100.00	3200.00
940.00	56400.00	980.00	58800.00	675.00	40500.00

15000.00	Umiya Construction
130000.00	DHANJIBHAI K PATEL
3960.00	Arpan Engineering Co
3240.00	Arpan Engineering Co
1440.00	Arpan Engineering Co
756.00	Arpan Engineering Co
8200.00	Arpan Engineering Co
32000.00	Umiya Construction
3200.00	Umiya Construction
40500.00	Umiya Construction

67.00	Supplying and fixing C.I. cover without frame for manholes : 455x610 mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23 kg	4.00	Each
68.00	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	250.00	Kg
69.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	150.00	Kg
70.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	80.00	Kg

1500.00	6000.00	2100.00	8400.00	1650.00	6600.00
540.00	135000.00	550.00	137500.00	640.00	160000.00
428.00	64200.00	560.00	84000.00	460.00	69000.00
420.00	33600.00	610.00	48800.00	500.00	40000.00

6000.00	Arpan Engineering Co
135000.00	Arpan Engineering Co
64200.00	Arpan Engineering Co
33600.00	Arpan Engineering Co

71.00	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	14.00	Sqm
72.00	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	40.00	Kg
73.00	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	16.00	Sqm

925.00	12950.00	780.00	10920.00	1000.00	14000.00
515.00	20600.00	610.00	24400.00	550.00	22000.00
425.00	6800.00	510.00	8160.00	550.00	8800.00

10920.00	DHANJIBHA I K PATEL
20600.00	Arpan Engineering Co
6800.00	Arpan Engineering Co

74.00	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS . 2645 and approved by Engineer -in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurraas 65mm.	120.00	Sqm
-------	--	--------	-----

1205.00	144600.00	1300.00	156000.00	1000.00	120000.00
---------	-----------	---------	-----------	---------	-----------

120000.00	Umiya Construction
-----------	--------------------

75.00	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately) 35 mm thick	24.00	Sqm
76.00	Providing and fixing Pillar Cock of JAQUAR ORP-CHR-10021PM with 200 EXT complete as per direction/ satisfaction of Engineer in charge.	4.00	Each
77.00	Providing and fixing Soap Dispenser with Glass Bottle of JAQUAR (Code ACN-1135N) complete as per direction/ satisfaction of Engineer in charge.	4.00	Each
78.00	Providing and fixing Bib Cock (straight line model) with wall flange of JAQUAR (code FLR-CHR-5047N) complete as per direction/ satisfaction of Engineer in charge.	8.00	Each
79.00	Providing and fixing snow white wall hang type European water closet pan complete as per direction/ satisfaction of Engineer in charge. Wall hung EWC with seat cover & hinges, accessories set etc of Jaquar (code-ARS-WHT-39951UFSM) in white shade of size 360x580x360 mm.	4.00	Each
80.00	Providing and fixing Counter top basin JAQUAR 6601-SLS-WHT of size 400 x 600 x 185 complete as per direction/ satisfaction of Engineer in charge.	4.00	Each
81.00	Providing and fixing Metropole Flush Valve Regular 40mm Size (Concealed Body) with Exposed Shut Off Provision of JAQUAR (Code FLV-1093) complete as per direction/ satisfaction of Engineer-in-charge.	4.00	Each
82.00	Providing and fixing Waste Coupling 32mm Size Full Thread with 80 mm height of JAQUAR (Code ALD-CHR-705) complete as per direction/ satisfaction of Engineer-in-charge.	8.00	Each
83.00	Providing and fixing Overhead Shower 100mm dia Round Shape Jaquar OHS-CHR-1661 complete as per direction/ satisfaction of Engineer in charge.	4.00	Each
84.00	Providing and fixing 15mm nominal bore C.P. Brass Long Body Bib Cock (JAQUAR Make Cat, 107) of approved quality confirming to IS standards and weighing not less than 690 gms complete as per direction/ satisfaction of Engineer in charge.	4.00	Each
85.00	Providing and fixing Hand Shower (health faucet) (ABS body) with 1 metre long easy flex tube in chrome finish & wall hook of JAQUAR Code ALD-CHR-579) complete as per direction/ satisfaction of Engineer in charge.	4.00	Each

3100.00	74400.00	2750.00	66000.00	4000.00	96000.00
2250.00	9000.00	2100.00	8400.00	3500.00	14000.00
1000.00	4000.00	1900.00	7600.00	1750.00	7000.00
1250.00	10000.00	2400.00	19200.00	2000.00	16000.00
13500.00	54000.00	18000.00	72000.00	17000.00	68000.00
3450.00	13800.00	5500.00	22000.00	6100.00	24400.00
3000.00	12000.00	3400.00	13600.00	4500.00	18000.00
445.00	3560.00	650.00	5200.00	550.00	4400.00
910.00	3640.00	1350.00	5400.00	1400.00	5600.00
1450.00	5800.00	1250.00	5000.00	1650.00	6600.00
850.00	3400.00	2400.00	9600.00	1700.00	6800.00

66000.00	DHANJIBHA I K PATEL
8400.00	DHANJIBHA I K PATEL
4000.00	Arpan Engineering Co
10000.00	Arpan Engineering Co
54000.00	Arpan Engineering Co
13800.00	Arpan Engineering Co
12000.00	Arpan Engineering Co
3560.00	Arpan Engineering Co
3640.00	Arpan Engineering Co
5000.00	DHANJIBHA I K PATEL
3400.00	Arpan Engineering Co

86.00	Providing and fixing Two Way Bib Cock with Wall Flange of JAQUAR (code FLR-CHR-5041N) complete as per direction/ satisfaction of Engineer in charge.	4.00	Each
87.00	Providing and fixing soil, waste and vent pipes rigid pvc pipe having working pressure 6kg/sqm including jointing of pipes & fittings with one step solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 200 mm	80.00	metre
88.00	Providing and fixing SS Jali 150mm X 150mm of approved make on existing floor trap complete as per direction/ satisfaction of Engineer in charge.	8.00	Each
89.00	Providing and fixing 50 mm CPVC ball valve with inlet pipe etc. complete as per direction & satisfaction of Engineer-in-charge.	2.00	Each
90.00	Consultancy charges for preparation of detailed structural drawings on the basis of relevant IS codes & sound engineering practises and the same is to be got approved by Prof./HoD of any NIT/IIT. The contractor shall intimate AAI the details of NIT/IIT from where structural designs and drawings will be vetted/approved. The Contractor shall coordinate for the time schedule to be taken by NIT/IIT so as to ensure adherence off overall time of submission of the above by the Contractor to meet the overall project completion time. No additional time period or any cost shall be allowed to the contractor for designing preparation of drawings/ vetting of design and drawings from Govt. Engineering College etc. Major Engineering decision and specification shall be reviewed by AAI to the extent desired if required.This item includes structural designing of Hostel Accomodation Building & boundry wall as per available architectural drawings.	1.00	Job
91.00	Providing and fixing Kutchi Mud and Mirror art paintings of approved design on 8mm thick MDF boards of approved size painted with washable material as per direction and satisfaction of Engineer incharge.	16.00	Sqm
92.00	Providing & fixing vertical decorative roller blinds with accessories etc. all complete as per direction of Engineer-in-Charge.	23.00	Sqm
93.00	Providing and fixing soil, waste and vent pipes rigid pvc pipe having working pressure of 6kg/sqm including fittings (coupler,elbow,bend,tee etc), and testing of joints all complete as per direction of Engineer in Charge : single socket 110 mm pipe	40.00	metre
94.00	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	8.00	Each
95.00	Centering and shuttering including strutting, propping etc. and removal of form for Stairs, (excluding landings) except spiral-staircases	16.00	Sqm

1550.00	6200.00	1100.00	4400.00	2375.00	9500.00
615.00	49200.00	510.00	40800.00	1050.00	84000.00
90.00	720.00	120.00	960.00	80.00	640.00
1720.00	3440.00	2400.00	4800.00	1600.00	3200.00
275000.00	275000.00	300000.00	300000.00	110000.00	110000.00
3650.00	58400.00	2200.00	35200.00	4500.00	72000.00
2885.00	66355.00	3500.00	80500.00	1700.00	39100.00
405.00	16200.00	310.00	12400.00	550.00	22000.00
445.00	3560.00	650.00	5200.00	550.00	4400.00
520.00	8320.00	350.00	5600.00	550.00	8800.00

4400.00	DHANJIBHA I K PATEL
40800.00	DHANJIBHA I K PATEL
640.00	Umiya Constructio n
3200.00	Umiya Constructio n
110000.00	Umiya Constructio n
35200.00	DHANJIBHA I K PATEL
39100.00	Umiya Constructio n
12400.00	DHANJIBHA I K PATEL
3560.00	Arpan Engineering Co
5600.00	DHANJIBHA I K PATEL

96.00	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	1.00	Cum
97.00	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	2.00	Cum
98.00	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete : 125x64x2.50 mm	36.00	Each

4854.00	4854.00	5200.00	5200.00	7500.00	7500.00
4854.00	9708.00	5200.00	10400.00	7500.00	15000.00
230.00	8280.00	90.00	3240.00	148.00	5328.00

4854.00	Arpan Engineering Co
9708.00	Arpan Engineering Co
3240.00	DHANJIBHAI K PATEL

Total in Figures

6731469.00

6456827.50

7344491.00

Lowest Amount Quoted BY: DHANJIBHAI K PATEL(6456827.50)