

AHMEDABAD MUNICIPAL CORPORATION
(HOUSING PROJECT DEPARTMENT)



TENDER
FOR

**CONSTRUCTION OF 1280 HOUSES FOR URBAN POOR AT
VARIOUS LOCATIONS IN AHMEDABAD (Package-VI)**

VOLUME -II PRICE BID

Municipal Commissioner
Ahmedabad Municipal Corporation.
Sardar Patel Bhavan, Dana pith,
AHMEDABAD – 380 001

March-2010

Ahmedabad Municipal Corporation

SUMMARY OF PRICE SCHEDULE COST

	ESTIMATED COST
Name of Work:- Construction of 1280 houses for the urban poor at various locations in Ahmedabad Package-VI	Rs.19,78,26,026.40

Total Rs Rs.19,78,26,026.40

I/We am/are willing to carry out work at _____% above/below (should be written in figures and words) the estimated amount mentioned above. Amount of my/our tender works out as under

Estimated Amount put to tender	Rs.19,78,26,026.40	Estimated Amount put to tender	Rs.19,78,26,026.40
Add _____% above	Rs. _____	Deduct _____% below	Rs. _____
Total	Rs. _____	Net	Rs. _____
In words _____		In words _____	

Signature of contractor with seal
Date

City Engineer
Ahmedabad Municipal Corporation

AHEMDABAD MUNICIPAL CORPORATION

HOUSING PROJECT

-: ABSTRACT :-

Name of Work:- Construction of 1280 houses for the urban poor at various locations in Ahmedabad Package-VI

Qty	Unit	Item	Rate (Rs)	Per	Amount (Rs)
		<u>Work up to Plinth</u>			
20840	Cmt	1 Excavation for foundation upto 1.5 mt depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. Loose or soft soil	Cmt	38.60	804424.00
		2 P & L cement concrete 1:4:8 (1 cement: 4 coarse sand: 8 hand broken stone aggregates 40mm nominal size) and curing complete excluding cost of form work in			
920	Cmt	(A) Foundation and plinth	Cmt	1367.00	1257640.00
		3 Providing & Laying c.c. 1:5:10 (1 cement: 5 fine sand :10 hand broken stone agregate 40mm nominal size) and curing complete excluding cost of form work in			
1040	Cmt	(A) Foundation & Plinth	Cmt	962.00	1000480.00
5376	Cmt	4 Providing & Laying controlled cement concrete M-200 & curing complete including the cost of form work & excluding the cost of reinforcement for R.C.C. work in (A) Foundation footing base & 15 cms thick walls upto plinth (exposed finish)	Cmt	3576.00	19224576.00
19800	Cmt	5 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceedating 20 cm in depth consolidating each deposited layer by ramming and watering.	Cmt	24.80	491040.00
2480	Cmt	6 Filling in Plinth with sand under floors including watterring, ramming, consolidating and dressing etc. comp.	Cmt	185.00	458800.00
10400	Sqm	7 Carrying out plinth treatment to post construction/existing structure by spraying chemical solution for termite control treatment incl. Labour and materials consistant with I.S.I. Specification	Sqm	63.90	664560.00

Qty	Unit	Item	Rate (Rs)	Per	Amount (Rs)
		<u>Work Above Plinth</u>			
		8 Providing & laying controlled cement concrete M.200 using BT crushed aggregate & curing complete, excluding the cost of form work and reinforcement for reinforced concrete work in for Vertical walls. (Exposed finish)			
2320	Cmt	GF	Cmt	2555.00	5927600.00
2320	Cmt	FF	Cmt	2571.00	5964720.00
2320	Cmt	SF	Cmt	2588.00	6004160.00
2480	Cmt	TF & above	Cmt	2605.00	6460400.00
		9 Providing & laying controlled cement concrete M.200 & curing complete, excluding the cost of form work and reinforcement for reinforced concrete work for R.C.C. Slab (exposed finish)			
1520	Cmt	FF Level	Cmt	2567.00	3901840.00
1520	Cmt	SF Level	Cmt	2583.70	3927224.00
1520	Cmt	TF Level	Cmt	2600.40	3952608.00
1560	Cmt	Terr. Level & above	Cmt	2617.10	4082676.00
		10 Providing & laying controlled cement concrete M.200 using & curing complete, excluding the cost of form work and reinforcement for reinforced concrete work for R.C.C. work in stair case. (exposed finish)			
72	Cmt	GF	Cmt	2701.00	194472.00
72	Cmt	FF	Cmt	2717.70	195674.40
72	Cmt	SF	Cmt	2734.40	196876.80
72	Cmt	TF & above	Cmt	2751.10	198079.20
600	Cmt	11 Providing & laying controlled cement concrete M.200 & curing complete, excluding the cost of form work and reinforcement for reinforced concrete work for R.C.C. work in Parapet (exposed finish) for all floor levels.	Cmt	2616.00	1569600.00
260	Cmt	12 P & L controlled cement concrete M-250 and curing etc. excluding the cost of form work and reinforcement for R.C.C. work in over head water tank for all floor levels.	Cmt	3148.00	818480.00
		13 Providing Mascon type form work used for achieving exposed finished and smooth surface of the walls/ceilings, stair case, chhajja, parapet, etc., comp..			
66560	Sqm	GF	Sqm	110.00	7321600.00
66560	Sqm	FF	Sqm	110.00	7321600.00
66560	Sqm	SF	Sqm	110.00	7321600.00
75960	Sqm	TF & above	Sqm	110.00	8355600.00

Qty	Unit	Item		Rate (Rs)	Per	Amount (Rs)
1710000	Kgs	14	Providing TMT bar reinforcement for R.C.C. work including cutting, bending, binding and placing in position complete for all floor level.	Kg.	33.00	56430000.00
1160	Sqm	15	Providing & Laying white glazed tiles 6mm th. in flooring, treads of steps & landings laid on a bed of 12 mm th. Cement mortar 1:3 (1 cement : 3 coarse sand finished with flush pointing in cement for all floor level.	Sqm	333.00	386280.00
		16	Providing & Laying polished Kota stone slab flooring over 20mm (average) th. base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M. 1:1.5 laid over and jointed with grey cement slurry incl. Rubbing & polishing etc. complete			
360	Sqm		(A) 25mm thick.	Sqm	480.00	172800.00
		17	Providing & laying precast terrazo tiles 20 mm th. White & black (or of the colour specified in specification of tender item) marble chips of size upto 6mm laid in floors, treads of steps & landing on a bed of 25mm average thickness of lime mortar 1:1.5 (1 lime putty : 1.5 sand) or C.M.1.6 jointed with neat cement slurry mixed with pigment to match the shade of tiles incl.rubbing & polished comp. for all floor level with precast tiles of			
3240	Sqm		(C) Dark shades using ordinary cement.	Sqm	363.00	1176120.00
2860	Sqm	18	Providing & laying white glazed tiles 6mm th. In skirting, risers of steps and dedo on 10mm th. Cement palster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry for all floor level.	Sqm	599.00	1713140.00
38680	Sqm	19	Providing & laying 0.30mt. x 0.30mt. 6mm thick ceramic tiles on a bed of 25 to 40 mm thickness of C.M.1.6 jointed with neat cement slurry mixed with pigment to match the shade of tiles incl.rubbing & cleaning etc. comp.for all floor level.	Sqm	230.00	8896400.00

Qty	Unit	Item	Rate (Rs)	Per	Amount (Rs)	
11600	Sqm	20	Providing & laying broken china mosaic flooring over terrace & stair cabin terrace using 12 to 20mm of glazed tiles pieces (one or more colour as directed by engineer - in charge) to be laid over reqd thi (min 20mm) of CM (1:3) beding for maintaining proper slope at terrace to plain or sloped surface & to be tempered to bring mortar up to surface with using white cement & colour pigment : incl. rounding with necessary vata at corner / junction & extending them to walls up to 100mm including curing etc. with cleaning the surface with water & oxalic acid using 1 Kg per 1 bag of water proofing material (only plan area shall be measured)	Smq	245.00	2842000.00
6480	Sqm	21	Providing & fixing Doors with ventilator having frame prepared from M.S. Angle 35x 35 x 4mm. & door shutter with 18mm thick both side pre laminated particle board (interior grade of Merino) fixed with 25 x 18mm T.W. biding all round particle board sheet & 75 x 6mm T.W. flaps either sides as styles & rails & two adjacent flaps as lock rail incl. ventilator at top portion with 2 x 10mm dia square safety bars & sculled wire-mesh jali incl. iron fixtures & applying one coat of primer & two coats of oil paints to door frame & shutter etc comp. for all floor level.	Sqm	1169.00	7575120.00
3800	Sqm	22	Providing & Fixing of Sintex PVC door with frame. Door frame made out of 48 x 40mm profile corresponding to code DWUF 414, Shutter frame out of 80 x 30mm profile corresponding to code DWUF 331 in tapered to provide better grip to infall panel and to drain out the water, Infill made out of 762 x 20mm single profile corresponding to code SPUF 127, Sintex door frame & Shutter shall be in One piece BP Gray colour & reinforced with polymeric reinforment at suitable places to take necessary alluminium hardwares with iron hinges (As per Drawing in the spacification) or similar type as decided by Engineer - in- charge.	Sqm	1132.00	4301600.00

Qty	Unit	Item	Rate (Rs)	Per	Amount (Rs)
1920	Sqm	23 Providing & fixing Steel windows incl. M.S. Angle frame 30 x 30 x 3mm th. With two fully glazed shutters having three divisions in each shutter using 4mm thick bajri glass & M.S. Angle of size 20 x 20 x 3mm incl. 10mm Dia square M.S. safety bars at 12 cmt. c/c incl.all iron fixtures, fastening & One coat-of primer & two coat of oil paint etc.as per drawing .	Sqm	1347.00	2586240.00
1560	Sqm	24 Providing & fixing Steel windows with ventilator using M.S. Angle frame 30 x 30 x 3mm th. With two fully glazed shutters having three divisions in each shutter using 4mm thick bajri glass & M.S. Angle of size 20 x 20 x 3mm incl. 10mm Dia square M.S. safety bars at 12 cmt. c/c incl.louvered glass ventilator with three louvers at top app. size 0.55mt. high with necessary all iron fixtures, fastening & One coat-of primer & two coat of oil paint etc.as per drawing for all floor level.	Sqm	1237.00	1929720.00
680	Sqm	25 Providing & Fixing fully glazed ventilator of M.S. angle frame size 30 x 30 x 3mm having top half with fix glazing & bottom half with glazed louvers all with 4mm thi. bajri glass incl. one coat of primer & two coats of oil paints as per drawing for all floor level.	Sqm	1034.50	703460.00
4320	Sqm	26 P & L cement concrete flooring 1:2:4 (1 cement: 2 coarse sand : 4 graded stone agg. 20mm nominal size) laid in one layer finished with floating coat of neat cement & mixing with water proofing agent as reqd. (A) 40mm thk.	Sqm	149.00	643680.00
2360	Sqm	27 Providing 15mm th.cement plaster in single coat on brick/concrete walls for interior plastering for all floor level & finished even & smooth in (I) Cement mortar 1:4 (1cement : 4 sand) Using water proofing agent as per required incl. finishing with floating coat of neat cement slurry.	Sqm	61.00	143960.00
4720	Rmt	28 Providing cement vata (10cm X 10 cm) quarter round in cement mortar 1:1 incl. Neat cement finishing, watering, etc. comp.	Rmt.	11.00	51920.00

Qty	Unit		Item	Rate (Rs)	Per	Amount (Rs)
160	Sqm	29	Providing & fixing Corrugated 4 mm thick Transparant Unbreakable Fiber sheet roofing of approved Quality fixed with J & L hooks with necessary washers etc including the cost of Fabrication with purlin,rafters etc as per the design & directed.	Sqm	532.00	85120.00
			<u>Water supply & Sanitary arrangement</u>			
3640	Mt	30	Providin & fixing to wall ceiling & floor galvanised M.S.tubes (M.G) of the following nominal bore tube fittings & clamps incl.making good wall ceiling & floor. 40 mm dia.	Mtr	251.00	913640.00
		31	Providing & fixing to wall ceiling & floor 10.0 kgf/cm2 working pressure polythene pipes of the following dia. completed with special flange compression type fitting wall clips etc incl. Making good the wall ceiling & floor. (only finolex, prince)			
4560	Mt		32mm Dia	Mt.	66.00	300960.00
7680	Mt		20mm Dia	Mt.	36.00	276480.00
		32	Providing & fixing to wall ceiling & floor 6KgF/cm2 working pressure polythene pipes of following dia. etc comp.(only finolex, prince & supreme)			
4480	Mt		80mm Dia	Mt.	92.00	412160.00
12000	Mt		110mm Dia	Mt.	152.00	1824000.00
1400	Mt		160mm Dia	Mt.	326.00	456400.00
960	No.	33	Providing & fixing PVC cowl vent to pipes as directed.110 mm dia.(Brand as above)	No.	57.00	54720.00
2560	No.	34	Providing & fixing S.W.Gully trap of required size & no. with brick masonry chamber & water tight 50mm thick R.C.C. cover of required size With gratting As directed.	No.	616.00	1576960.00
640	No.	35	Constg brick masonry chambers 300mm x 300mm size internal dimension with partition brick masonry in cm 1:6, P.C.C 1:5:10, Inside 15mm thick cement plaster etc. comp with fixing R.C.C. cover of size 450mm x 450mm at top with cement vata as directed.	Each	269.00	172160.00

Qty	Unit	Item	Rate (Rs)	Per	Amount (Rs)
		36 Constructing brick masonry chamber for underground C.I. Inspection chamber & bends with bricks having crushing strength not less than 35kg/cm ² in C.M. 1:5 with R.C.C. cover of required size at top with cement vata as directed. (R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm th. with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc.comp.			
160	No.	(I) 455 x 610mm	No.	1241.00	198560.00
160	No.	(II) 500 x 700mm	No.	1515.00	242400.00
1280	No.	37 Providing & fixing Water closet squatting Pan (Indian type W.C.pan) size 580mm (A) Vitreous China : (I) Long pattern white colour incl. P & F in cement mortar 1:3 (1 cement : 3 coarse sand) a pair of white vitreous china 250mm x 130mm x 30mm foot rest for long pattern squatting pan water closet and P & F 100mm size P or S trap for water closet incl. jointing the trap with W.C. & pipe	No.	689.00	881920.00
240	No.	38 P & F Gun metal check or non return full way wheel valve 40mm dia.	No.	523.00	125520.00
3840	No.	39 P & F Screw down bib taps of following size (A) Brass screw down taps of following nominal size. (I) 15mm Dia	No.	104.00	399360.00
40	No.	40 P & F C.I. MH cover size 500 x 700mm over O.H. water tank in R.C.C. slab	No.	180.00	7200.00
		<u>Internal Electrification</u>			
13360	M.P.	41 Point wiring with 1.0mm ² Copp. PVC to PVC insulated-wire with 1.0 mm ² Copp. PVC to PVC insulated wire for earth continuity in Rigid PVC pipe conforming to I.S.S. and not less than 1.5 mm wall thickness with pvc fittings fixed with adhesive solution for light & fan. complete with 5A tissino type shockproof accessories erected on polished wooden block covered with 3 mm thick laninated sheet.	M.P	80.00	1068800.00

Qty	Unit	Item	Rate (Rs)	Per	Amount (Rs)
5120	S.P.	42 Point wiring with 1.0mm ² copper PVC insulated wire with 1.0 mm ² copper PVC insulated wire for earth continuity in Rigid PVC pipe confirming to I.S.S. and not less than 1.5 mm wall thickness with pvc fittings fixed with adhesive solution for plug with tissiono type shock proof 3 pin socket & switch 5 mpm erected & pollish wooden block covered with 3mm thick laminated sheet. (Looped on switch board)	S.P	25.00	128000.00
		43 Mains with ISI marked copper conductor PVC insulated wire in existing pipe erected with 1.5mm ² copper conductor PVC insulated wire for earth continuing of following size.			
12000	Mt.	(a) 2 wire 1.5mm ²	Mt.	14.00	168000.00
28000	Mt.	(b) 2 wire 2.5mm ²	Mt.	18.00	504000.00
28000	Mt.	44 Providing & Erecting 20mm dia and 1.5mm thick. Right PVC pipe cofirming to I.S.S comp. Erected with very fittings fixed with adhesive solution with 16G.G.1 fish wire. (II) For open execution	No.	11.00	308000.00
2560	No.	45 Approved make double pole plastic switch and fuse 250V 30A confirming to ISS erected on polished wooden block as directed.	No.	90.00	230400.00
80	No.	46 Supplying & Erecting pipe type Earthing with out - earth plate & with 4.50mt. long 40mm dia G.I. earth pipe incl. required qty of charcol & salt & interlinking both the earthing as per rules incl. preparing Man hole with cover as per drawing.	No.	1120.00	89600.00
3840	No.	47 Providing & fixing M.S.Fan clamps.	No.	32.65	125376.00
3840	No.	48 Bakelite ceiling rose erected on polished wooden block.	No.	6.00	23040.00
7680	No.	49 Bakelite lamp holder erected on existing polished wooden block or 3mm thick laminated sheet. (wooden block or sheet is incorporated in point wiring.)	No.	11.00	84480.00
Total Rs.					19,78,26,026.40