



GOVERNMENT OF SINDH

WORKS & SERVICES DEPARTMENT KARACHI

NAME OF WORK:

**Construction of Residence and accommodation
of Deputy Commissioner (East), Karachi**

(Category -II D.C Bungalow 1.No. Servant Quarter
Category -II, ADC House-1No. Category-III
Multi Storied A.C Flats 10-Nos., Category-III Multi
Storied Mukhtiarkar Flats 8-Nos. & OHT)

**OFFICE OF THE
EXECUTIVE ENGINEER
PROVINCIAL BUILDINGS DIVISION NO.III KARACHI**

SUMMARY

WORKS & SERVICES DEPARTMENT KARACHI

(II). **Name of work: Construction of Residence and Accommodation of Deputy Commissioner (East) Karachi including residence (ADP # 2099).**

S.NO.	DESCRIPTION	AMOUNT (CIVIL WORKS)	AMOUNT (PLUMBING WORKS)	AMOUNT (ELECTRICAL WORKS)	TOTAL AMOUNT
1	Construction of Deputy Commissioner Bungalow and Servent Quarter		,----	,----	
2	Construction of Assistant Deputy Commissioner House		,----	,----	
3	Construction of Multi-Storied Assistant Commissioner Flats		,----	,----	
4	Construction of Multi-Storied Mukhtiarkar Flats		,----	,----	
	TOTAL AMOUNT:				

WORKS & SERVICES DEPARTMENT
CONSTRUCTION OF DEPUTY COMMISSIONER BUNGALOW AND SERVENT
QUARTER .
BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
I. <u>CIVIL WORKS</u> PART - A (<u>SCHEDULE ITEMS</u>)					
1	Excavation in ordinary soil in foundation of buildings, Bridges and other structures including dressing, refilling around structures with excavated earth watering and ramming lead upto 5 ft. (b) In ordinary soil (18-c/4)	11,264.00	3176.25	%oCft	35,777.28
2	Cement concrete plain using including placing, compacting, finishing and curing and, complete (including, screening and washing of stone aggregate, without shuttering.) Ratio 1:4:8 (5-i/16)	2,633.00	11288.75	%Cft	297,232.79
3	Cement concrete plain using ratio including placing, compacting, finishing and curing and, complete (including, screening and washing of stone aggregate, without shuttering.) Ratio 1:3:6 (5-i/16)	1,351.00	12595.00	%Cft	170,158.45
4	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement & it's labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, curing rendering & finishing the exposed surface (including screening and washing of shingle.) (a) - R.C work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) - Ratio (1:2:4) 90 Lbs. cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge. (6-a-I/17) (II) - Ratio (1 : 1-1/2 : 3) (6-a-II/17)	5,447.00 851.00	337.00 349.00	P.Cft P.Cft	1,835,639.00 296,999.00
5	Fabrication of steel reinforcement for cement concrete using hot rolled deformed Billet steel bars confirming to ASTM-A615 i/c cutting, bending and laying in position, making joints, chairs & fastening i/c cost of binding wire (also i/c removal of rust from bars). (8-b/17)	344.40	5001.70	P.Cwt	1,722,585.48
6	Filling, watering and ramming earth under floor with new earth (Excavated from outside) lead up to one chain and lift, upto 5 feet. (22/4)	18,984.00	3630.00	%OCft	689,119.20
7	providing termite control treatment by spraying/sprinkling/spreading Neptachler 0.5% Emulsion as an overall pre construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trenches etc, complete as per direction of Engineer incharge. (91/109)	4,214.00	40.10	P.Rft	168,981.40
8	Damp proof course with (Cement sand and shingle concrete 1:2:4) including 2 coats of asphaltic mixture. (2" thick) (28-b/19)	448.00	3912.85	%Sft	17,529.57
9	Providing and laying 1:3:6 Cement concrete solid block masonry wall 6 inch and below in thickness set in 1:6 cement mortar in ground floor and superstructure, including racking out joints curing etc. (24/19) 6 incn thickness	2,451.00	15771.01	%Cft	386,547.46
10	Cement plaster 1:4 upto 12" height 3/4" thick. (12-c/52)	17,351.00	3015.76	%Sft	523,264.52
				C / O	6,143,834.14

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
				B / F	6,143,834.14
11	Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (12-c/52)	3,164.00	3275.50	%Sft	103,636.82
12	Preparing the surface and painting with matt finish i/c rubbing the surface with batty (Silicon carbide rubbing Brick) filling the voids with zinc/chalk/plaster of Paris mixture, applying 1st coat premix making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete. (new surface). (36-a+b+b/55)	10,231.00	3444.38	%Sft	352,394.52
13	Distempering three coats. (24-c/54)	3,164.00	1079.65	%Sft	34,160.13
14	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of Paris and then painting with weather coat of approved make. (38-A+B+B/56)	6,066.00	2567.95	%Sft	155,771.85
15	First class deodar wood wrought, joinery in doors and windows etc. fixed in position including Choekats, hold fasts, hinges, iron tower bolts, chocks, cleats, handles and corda with hooks etc. Deodar paneled, or paneled and glazed or fully glazed. (7-b/58)	408.00	1430.00	P.Sft	583,440.00
16	Supplying and fixing in position Aluminum channels framing for hinged doors or Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks i/c handles, stoppers etc. - Deluxe Model (Bronze) (83/108)	64.00	1507.66	P.Sft	96,490.24
17	Supplying and fixing in position Aluminum channels framing for sliding windows and ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. Complete - Deluxe Model (Bronze) (84-b/108)	334.00	1647.69	P.Sft	550,328.46
18	Preparing surface and painting guard bars, gates of iron bars, gratings, railings (including standard braces, etc.) and similar open work. (5-d-i+ii+ii/70)	668.00	1270.83	%Sft	848,914.44
	TOTAL AMOUNT (A)				

II. CIVIL WORKS PART - B (NON SCHEDULE ITEMS)

1	Providing and fixing wooden shuttering for situ including cost of all material, tools and labour, transportation etc. complete in all respects.	4,044.00		P.Sft	
2	Providing and applying three coats of Spirit polish of approved make on new wood works including rubbing and repairing the surface to prepare the surface for polishing, including the cost of all labor and materials, Complete in all respects.	1,789.00		P.Sft	
3	Providing and fixing porcelene tiles non-skid full body of approved quality shade and design 12" x 12", setting in cement mortar or dry bond, filling joints with white cement cleaning curing including skirting and wastage, complete.	3,190.00		P.Sft	

C / O

BOQ-(C)-2

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
				B / F	
4	Providing and fixing porcelene tiles for Dado or skirting of approved quality shade and design, setting in cement mortar or dry bond, filling joints with white cement with pigment, cleaning curing including skirting and wastage, including cost of all material and labour. complete in all respects.	439.00		P.Sft	
5	Providing and fixing Ceramic Tiles size 6" x 12" on floor and walls with border imported of approved shade and quality laid over a base of class "C" concrete, setting tiles in cement slurry and filling the joints with white cement or pigment of approved shade including wastage, washing, cleaning and curing complete. (for washrooms)	1,215.00		P.Sft	
6	Providing and fixing wooden kitchen cabinets / console, using Lasani wood with lamination of 3/4" thick and pertal wood frame 2" x 2", with 3 coats of spirit polish complete fixtures, all hardware, including all fittings, hinges, handles, cabinet closers, with etc. complete in all respects.	90.00		P.Sft	
7	Providing and fixing best quality Black granite (In one piece) polished of 3/4" in thickness for stair cases steps and kitchen counter top of approved size, shade, setting in cement mortar or dry bond, cleaning curing including the cost of all material and labour. complete in all respects.	53.00		P.Sft	
8	Providing and fixing in position iron / steel grill using solid square bgrs of size 1/2"x1/2" place @ 4" c/c and frame of flat iron Patti of 3/4"x3/4" i/c circle shape @ 1-0 a equivalent fitted with screws or pins i/c painting 03 coats with 1st coat of red oxide paint etc. complete. (42" Height)	334.00		P.Sft	
				TOTAL AMOUNT (B)	
				GRAND TOTAL (A + B)	

WORKS & SERVICES DEPARTMENT
CONSTRUCTION OF ASSISTANT DEPUTY COMMISSIONER HOUSE.
BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
I. <u>CIVIL WORKS</u> PART - A (<u>SCHEDULE ITEMS</u>)					
1	Excavation in ordinary soil in foundation of buildings, Bridges and other structures including dressing, refilling around structures with excavated earth watering and ramming lead upto 5 ft. (b) In ordinary soil (18-c/4)	5,176.00	3176.25	%oCft	16,440.27
2	Cement concrete plain using including placing, compacting, finishing and curing and, complete (including, screening and washing of stone aggregate, without shuttering.) Ratio 1:4:8 (5-i/16)	1,729.00	11288.75	%Cft	195,182.49
3	Cement concrete plain using ratio including placing, compacting, finishing and curing and, complete (including, screening and washing of stone aggregate, without shuttering.) Ratio 1:3:6 (5-i/16)	574.00	12595.00	%Cft	72,295.30
4	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement & it's labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, curing rendering & finishing the exposed surface (including screening and washing of shingle.) (a) - R.C work in roof slab, beams, columns rafts, lintels and other structureal members laid in situ or precast laid in position complete in all respects. (I) - Ratio (1:2:4) 90 Lbs. cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge. (6-a-I/17) (II) - Ratio (1 : 1-1/2 : 3) (6-a-II/17)	2,435.00 400.00	337.00 349.00	P.Cft P.Cft	820,595.00 139,600.00
5	Fabrication of steel reinforcement for cement concrete using hot rolled deformed Billet steel bars confirming to ASTM-A615 i/c cutting, bending and laying in position, making joints, chairs & fastening i/c cost of binding wire (also i/c removal of rust from bars). (8-b/17)	142.60	5001.70	P.Cwt	713,242.42
6	Filling, watering and ramming earth under floor with new earth (Excavated from outside) lead up to one chain and lift, upto 5 feet. (22/4)	7,862.00	3630.00	%0Cft	285,390.60
7	providing termite control treatment by spraying/sprinkling/spreading Neptachler 0.5% Emulsion as an overall pre construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trenches etc, complete as per direction of Engineer incharge. (91/109)	1,790.00	40.10	P.Rft	71,779.00
8	Damp proof course with (Cement sand and shingle concrete 1:2:4) including 2 coats of asphaltic mixture. (2" thick) (28-b/19)	169.00	3912.85	%Sft	6,612.72
9	Providing and laying 1:3:6 Cement concrete solid block masonry wall 6 inch and below in thickness set in 1:6 cement mortar in ground floor and superstructure, including racking out joints curing etc. (24/19) 6 incn thickness	975.00	15771.01	%Cft	153,767.35
10	Cement plaster 1:4 upto 12" height 3/4" thick. (12-c/52)	7,160.00	3015.76	%Sft	215,928.42

BOQ-(C)-4

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
				B / F	2,690,833.56
11	Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (12-c/52)	1,311.00	3275.50	%Sft	42,941.81
12	Preparing the surface and painting with matt finish i/c rubbing the surface with batty (Silicon carbide rubbing Brick) filling the voids with zinc/chalk/plaster of Paris mixture, applying 1st coat premix making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete. (new surface). (36-a+b+b/55)	3,743.00	3444.38	%Sft	128,923.14
13	Distempering three coats. (24-c/54)	1,307.00	1079.65	%Sft	14,111.03
14	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of Paris and then painting with weather coat of approved make. (38-A+B+B/56)	2,446.00	2567.95	%Sft	62,812.06
15	First class deodar wood wrought, joinery in doors and windows etc. fixed in position including Choekats, hold fasts, hinges, iron tower bolts, chocks, cleats, handles and corda with hooks etc. Deodar paneled, or paneled and glazed or fully glazed. (7-b/58)	212.00	1430.00	P.Sft	303,160.00
16	Supplying and fixing in position Aluminum channels framing for sliding windows and ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. Complete - Deluxe Model (Bronze) (84-b/108)	158.00	1647.69	P.Sft	260,335.02
17	Preparing surface and painting guard bars, gates of iron bars, gratings, railings (including standard braces, etc.) and similar open work. (5-d-i+ii+ii/70)	316.00	1270.83	%Sft	401,582.28
	TOTAL AMOUNT (A)				3,904,698.89

II. CIVIL WORKS PART - B (NON SCHEDULE ITEMS)

1	Providing and fixing wooden shuttering for situ including cost of all material, tools and labour, transportation etc. complete in all respects.	1,716.00		P.Sft	
2	Providing and applying three coats of Spirit polish of approved make on new wood works including rubbing and repairing the surface to prepare the surface for polishing, including the cost of all labor and materials, Complete in all respects.	1,796.00		P.Sft	
3	Providing and fixing porcelene tiles non-skid full body of approved quality shade and design 12" x 12", setting in cement mortar or dry bond, filling joints with white cement cleaning curing including skirting and wastage, complete.	1,270.00		P.Sft	
4	Providing and fixing porcelene tiles for Dado or skirting of approved quality shade and design, setting in cement mortar or dry bond, filling joints with white cement with pigment, cleaning curing including skirting and wastage, including cost of all material and labour. complete in all respects.	182.00		P.Sft	

BOQ-(C)-5

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
				B / F	
5	Providing and fixing Ceramic Tiles size 6" x 12" on floor and walls with border imported of approved shade and quality laid over a base of class "C" concrete, setting tiles in cement slurry and filling the joints with white cement or pigment of approved shade including wastage, washing, cleaning and curing complete. (for washrooms)	565.00		P.Sft	
6	Providing and fixing wooden kitchen cabinets / console, using Lasani wood with lamination of 3/4" thick and particle board frame 2" x 2", with 3 coats of spirit polish complete fixtures, all hardware, including all fittings, hinges, handles, cabinet closers, with etc. complete in all respects.	43.00		P.Sft	
7	Providing and fixing best quality Black granite (In one piece) polished of 3/4" in thickness for stair cases steps and kitchen counter top of approved size, shade, setting in cement mortar or dry bond, cleaning curing including the cost of all material and labour. complete in all respects.	46.00		P.Sft	
8	Providing and fixing in position iron / steel grill using solid square bars of size 1/2"x1/2" placed @ 4" c/c and frame of flat iron plate of 3/4"x3/4" i/c circle shape @ 1-0 a equivalent fitted with screws or pins i/c painting 03 coats with 1st coat of red oxide paint etc. complete. (42" Height)	158.00		P.Sft	
				TOTAL AMOUNT (B)	
				GRAND TOTAL (A + B)	

WORKS & SERVICES DEPARTMENT
CONSTRUCTION OF MULTI-STORIED ASSISTANT COMMISSIONER FLATS .
BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
I. <u>CIVIL WORKS</u> PART - A (SCHEDULE ITEMS)					
1	Excavation in ordinary soil in foundation of buildings, Bridges and other structures including dressing, refilling around structures with excavated earth watering and ramming lead upto 5 ft. (b) In ordinary soil (18-c/4)	11,460.00	3176.25	%oCft	36,399.83
2	Cement concrete plain using including placing, compacting, finishing and curing and, complete (including, screening and washing of stone aggregate, without shuttering.) Ratio 1:4:8 (5-i/16)	2,841.00	11288.75	%Cft	320,713.39
3	Cement concrete plain using ratio including placing, compacting, finishing and curing and, complete (including, screening and washing of stone aggregate, without shuttering.) Ratio 1:3:6 (5-i/16)	771.00	12595.00	%Cft	97,107.45
4	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement & it's labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, curing rendering & finishing the exposed surface (including screening and washing of shingle.) (a) - R.C work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.				
5	(I) - Ratio (1:2:4) 90 Lbs. cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge. (6-a-I/17)	15,934.75	337.00	P.Cft	5,370,010.75
	(II) - Ratio (1 : 1-1/2 : 3) (6-a-II/17)	2,316.20	349.00	P.Cft	808,353.80
	Fabrication of steel reinforcement for cement concrete using hot rolled deformed Billet steel bars conforming to ASTM-A615 i/c cutting, bending and laying in position, making joints, chairs & fastening i/c cost of binding wire (also i/c removal of rust from bars). (8-b/17)	1,724.40	5001.70	P.Cwt	8,624,931.48
6	Filling, watering and ramming earth under floor with new earth (Excavated from outside) lead up to one chain and lift, upto 5 feet. (22/4)	15,750.00	3630.00	%OCft	571,725.00
7	providing termite control treatment by spraying/sprinkling/spreading Neptachler 0.5% Emulsion as an overall pre construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trenches etc, complete as per direction of Engineer incharge. (91/109)	3,380.00	40.10	P.Rft	135,538.00
8	Damp proof course with (Cement sand and shingle concrete 1:2:4) including 2 coats of asphaltic mixture. (2" thick) (28-b/19)	365.00	3912.85	%Sft	14,281.90
9	Providing and laying 1:3:6 Cement concrete solid block masonry wall 6 inch and below in thickness set in 1:6 cement mortar in ground floor and superstructure, including racking out joints curing etc. (24/19)				

6 inch thickness	10,972.00	15771.01	%Cft	1,730,395.22
10 Cement plaster 1:4 upto 12" height 3/4" thick. (12-c/52)	47,259.00	3015.76	%Sft	1,425,218.02
			C / O	19,134,674.83

BOQ-(C)-7

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
				B / F	19,134,674.83
11	Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (12-c/52)	3,500.00	3275.50	%Sft	114,642.50
12	Preparing the surface and painting with matt finish i/c rubbing the surface with batty (Silicon carbide rubbing Brick) filling the voids with zinc/chalk/plaster of Paris mixture, applying 1st coat premix making the surface smooth and then painting 3 coats with matt finish of	37,807.00	3444.38	%Sft	1,302,216.75
13	Distempering three coats. (24-c/54)	12,600.00	1079.65	%Sft	136,035.90
14	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of Paris and then painting with weather coat of approved make. (38-A+B+B/56)	13,800.00	2567.95	%Sft	354,377.10
15	First class deodar wood wrought, joinery in doors and windows etc. fixed in position includig Choekats, hold fasts, hinges, iron tower bolts, chocks, cleats, handles and corda with hooks etc. Deodar paneled, or paneled and glazed or fully glazed. (7-b/58)	1,444.00	1430.00	P.Sft	2,064,920.00
16	Supplying and fixing in position Aluminum channels framing for hinged doors or Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks i/c handles, stoppers etc. - Deluxe Model (Bronze) (83/108)	1,280.00	1507.66	P.Sft	1,929,804.80
17	Supplying and fixing in position Aluminum channels framing for sliding windows and ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. Complete - Deluxe Model (Bronze) (84-b/108)	1,024.00	1647.69	P.Sft	1,687,234.56
18	Preparing surface and painting guard bars, gates of iron bars, gratings, railings (including standard braces, etc.) and similar open work. (5-d-i+ii+ii/70)	2,048.00	1270.83	%Sft	2,602,659.84
	TOTAL AMOUNT (A)				29,326,566.28

II. CIVIL WORKS PART - B (NON SCHEDULE ITEMS)

1	Providing and fixing wooden shuttering for situ including cost of all material, tools and labour, transportation etc. complete in all respects.	2,300.00		P.Sft	
2	Providing and applying three coats of Spirit polish of approved make on new wood works including rubbing and repairing the surface to prepare the surface for polishing, including the cost of all labor and materials, Complete in all respects.	3,008.00		P.Sft	
3	Providing and fixing porcelene tiles non-skid full body of approved quality shade and design 12" x 12", setting in cement mortar or dry bond, filling joints with white cement cleaning curingincluding skirting andwastage, complete.	12,600.00		P.Sft	

4	Providing and fixing porcelene tiles for Dado or skirting of approved quality shade and design, setting in cement mortar or dry bond, filling joints with white cement with pigment, cleaning curing including skirting and wastage, including cost of all material and labour. complete in all respects.	1,680.00	P.Sft C / O
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BOQ-(C)-8

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
B / F					
5	Providing and fixing Ceramic Tiles size 6" x 12" on floor and walls with border imported of approved shade and quality laid over a base of class "C" concrete, setting tiles in cement slurry and filling the joints with white cement or pigment of approved shade including wastage, washing, cleaning and curing complete. (for washrooms)	4,936.00		P.Sft	
6	Providing and fixing wooden kitchen cabinets / console, using Lasani wood with lamination of 3/4" thick and pertal wood frame 2" x 2", with 3 coats of spirit polish complete fixtures, all hardwares, including all fittings, hinges, handles, cabinet closers, with etc. complete in all respects.	760.00		P.Sft	
7	Providing and fixing best quality Black granite (In one piece) polished of 3/4" in thickness for stair cases steps and kitchen counter top of approved size, shade, setting in cement mortar or dry bond, cleaning curing including the cost of all material and labour. complete in all respects.	784.00		P.Sft	
8	P/F Stainless Steel (SS) Railing on inner stair case, chrome finish in 20" height, using 2"Ø S.S pipe for hand rail and 1" Ø S.S solid bars for blusters @ 10" c / c as shown in drawings and according to specifications. (42" Height)	360.00		P.Sft	
9	Providing and fixing in position iron / steel grill using solid square bgrs of size 1/2"x1/2" place @ 4" c/c and frame of flat iron Patti of 3/4"x3/4" i/c circle shape @ 1-0 a equivalent fitted with screws or pins i/c painting 03 coats with 1st coat of red oxide paint etc. complete. (42" Height)	1,024.00		P.Sft	
10	Providing and fixing of 60mm thick pavers over a base course of 12" thick including cost of stone dust / khaka, complete in all respects. Pavers to be of M/s Envicrete or Magnacrete in Grey colour.	3,168.00		P.Sft	

TOTAL AMOUNT (B)

GRAND TOTAL (A + B)

WORKS & SERVICES DEPARTMENT
CONSTRUCTION OF MULTI-STORIED MUKHTIARKAR FLATS .
BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
I. <u>CIVIL WORKS</u> PART - A (SCHEDULE ITEMS)					
1	Excavation in ordinary soil in foundation of buildings, Bridges and other structures including dressing, refilling around structures with excavated earth watering and ramming lead upto 5 ft. (b) In ordinary soil (18-c/4)	10,608.00	3176.25	%oCft	33,693.66
2	Cement concrete plain using including placing, compacting, finishing and curing and, complete (including, screening and washing of stone aggregate, without shuttering.) Ratio 1:4:8 (5-i/16)	2,480.00	11288.75	%Cft	279,961.00
3	Cement concrete plain using ratio including placing, compacting, finishing and curing and, complete (including, screening and washing of stone aggregate, without shuttering.) Ratio 1:3:6 (5-i/16)	896.00	12595.00	%Cft	112,851.20
4	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement & it's labour for bending and binding which will be paid separately. This rate also includes all kind of forms, moulds, lifting, curing rendering & finishing the exposed surface (including screening and washing of shingle.) (a) - R.C work in roof slab, beams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) - Ratio (1:2:4) 90 Lbs. cement 2 Cft. Sand 4 Cft. Shingle 1/8" to 1/4" gauge. (6-a-I/17) (II) - Ratio (1 : 1-1/2 : 3) (6-a-II/17)	18,055.00 3,118.00	337.00 349.00	P.Cft P.Cft	6,084,535.00 1,088,182.00
5	Fabrication of steel reinforcement for cement concrete using hot rolled deformed Billet steel bars confirming to ASTM-A615 i/c cutting, bending and laying in position, making joints, chairs & fastening i/c cost of binding wire (also i/c removal of rust from bars). (8-b/17)	1,656.40	5001.70	P.Cwt	8,284,815.88
6	Filling, watering and ramming earth under floor with new earth (Excavated from outside) lead up to one chain and lift, upto 5 feet. (22/4)	18,258.00	3630.00	%OCft	662,765.40
7	providing termite control treatment by spraying/sprinkling/spreading Neptachler 0.5% Emulsion as an overall pre construction treatment in slab type construction along external foundation trenches of the	4,093.00	40.10	P.Rft	164,129.30
8	Damp proof course with (Cement sand and shingle concrete 1:2:4) including 2 coats of asphaltic mixture. (2" thick) (28-b/19)	448.00	3912.85	%Sft	17,529.57

9	Providing and laying 1:3:6 Cement concrete solid block masonry wall 6 inch and below in thickness set in 1:6 cement mortar in ground floor and superstructure, including racking out joints curing etc. (24/19)				
	6 inch thickness	9,638.00	15771.01	%Cft	1,520,009.94
10	Cement plaster 1:4 upto 12" height 3/4" thick. (12-c/52)	77,630.00	3015.76	%Sft	2,341,134.49
				C / O	20,589,607.44

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ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
				B / F	20,589,607.44
11	Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (12-c/52)	3,043.00	3275.50	%Sft	99,673.47
12	Preparing the surface and painting with matt finish i/c rubbing the surface with batty (Silicon carbide rubbing Brick) filling the voids with zinc/chalk/plaster of Paris mixture, applying 1st coat premix making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete. (new surface). (36-a+b+b/55)	55,975.00	3444.38	%Sft	1,927,991.71
13	Distempering three coats. (24-c/54)	16,737.00	1079.65	%Sft	180,701.02
14	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick/sand paper, filling the voids with chalk/plaster of Paris and then painting with weather coat of approved make. (38-A+B+B/56)	12,685.00	2567.95	%Sft	325,744.46
15	First class deodar wood wrought, joinery in doors and windows etc. fixed in position including Choekats, hold fasts, hinges, iron tower bolts, chocks, cleats, handles and corda with hooks etc. Deodar paneled, or paneled and glazed or fully glazed. (7-b/58)	1,860.00	1430.00	P.Sft	2,659,800.00
16	Supplying and fixing in position Aluminum channels framing for hinged doors or Alcop made with 5mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks i/c handles, stoppers etc. - Deluxe Model (Bronze) (83/108)	640.00	1507.66	P.Sft	964,902.40
17	Supplying and fixing in position Aluminum channels framing for sliding windows and ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) etc. Complete - Deluxe Model (Bronze) (84-b/108)	736.00	1647.69	P.Sft	1,212,699.84
18	Preparing surface and painting guard bars, gates of iron bars, gratings, railings (including standard braces, etc.) and similar open work. (5-d-i+ii+ii/70)	1,664.00	1270.83	%Sft	2,114,661.12
		TOTAL AMOUNT (A)			30,075,781.45

II. CIVIL WORKS PART - B (NON SCHEDULE ITEMS)

1	Providing and fixing wooden shuttering for situ including cost of all material, tools and labour, transportation etc. complete in all respects.	2,682.00	P.Sft
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2	Providing and applying three coats of Spirit polish of approved make on new wood works including rubbing and repairing the surface to prepare the surface for polishing, including the cost of all labor and materials, Complete in all respects.	5,640.00	P.Sft
3	Providing and fixing porcelene tiles non-skid full body of approved quality shade and design 12" x 12", setting in cement mortar or dry bond, filling joints with white cement cleaning curing including skirting and wastage, complete.	10,980.00	P.Sft C / O

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ITEM NO.	DESCRIPTION	QUANTITY	RATE (RS)	UNIT	AMOUNT
				B / F	
4	Providing and fixing porcelene tiles for Dado or skirting of approved quality shade and design, setting in cement mortar or dry bond, filling joints with white cement with pigment, cleaning curing including skirting and wastage, including cost of all material and labour. complete in all respects.	2,678.00		P.Sft	
5	Providing and fixing Ceramic Tiles size 6" x 12" on floor and walls with border imported of approved shade and quality laid over a base of class "C" concrete, setting tiles in cement slurry and filling the joints with white cement or pigment of approved shade including wastage, washing, cleaning and curing complete. (for washrooms)	4,379.00			
6	Providing and fixing wooden kitchen cabinets / console, using Lasani wood with lamination of 3/4" thick and pertal wood frame 2" x 2", with 3 coats of spirit polish complete fixtures, all hardware, including all fittings, hinges, handles, cabinet closers, with etc. complete in all respects.	256.00		P.Sft	
7	Providing and fixing best quality Black granite (In one piece) polished of 3/4" in thickness for stair cases steps and kitchen counter top of approved size, shade, setting in cement mortar or dry bond, cleaning curing including the cost of all material and labour. complete in all respects.	406.00		P.Sft	
8	P/F Stainless Steel (SS) Railing on inner stair case, chrome finish in 20" height, using 2"Ø S.S pipe for hand rail and 1" Ø S.S solid bars for blusters @ 10" c / c as shown in drawings and according to specifications. (42" Height)	429.00		P.Sft	
9	Providing and fixing in position iron / steel grill using solid square bqrs of size 1/2"x1/2" place @ 4" c/c and frame of flat iron Patti of 3/4"x3/4" i/c circle shape @ 1-0 a equivalent fitted with screws or pins i/c painting 03 coats with 1st coat of red oxide paint etc. complete. (42" Height)	832.00	194.16	P.Sft	161,541.12
10	Providing and fixing of 60mm thick pavers over a base course of 12" thick including cost of stone dust / khaka, complete in all respects. Pavers to be of M/s Envicrete or Magnacrete in Grey colour.	3,043.00		P.Sft	
TOTAL AMOUNT (B)					

GRAND TOTAL (A + B)

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