

Name of work: REPAIR / RENOVATION WORKS FOR 12 NOS. G-TYPE FLATS & 02 NOS. F-TYPE FAMILY QUARTERS AT POLICE LINE ORANGI TOWN, DISTRICT WEST, KARACHI.

DETAILED COST ESTIMATE

CIVIL WORKS SCHEDULE ITEMS PART (A):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Scraping (b) Ordinary distemper oil bound distemper or Paint on Walls. Only 70 % allowable (SI.54-(b) / P-13).	39983	226.88	%Sft	90713.4304
2	P/L 1:3:6 cement concrete solid block masonry wall above 6" in thickness set in 1:6 cement mortar in ground floor super structure in/c raking out joints & curing etc complete. (SI.23/P-19)	380	14621.44	%Cft.	55561.472
3	Cement plaster 1:4 upto 12' height (c) 3/4" thick (SI-11-C/P-52)	1520	3015.76	%Sft	45839.552
4	P/F in position doors windows and ventilators of 1 st class deodar wood frames and 1-1/2" thick teak wood ply shutter of 2 nd class deodar wood skeleton (solid) styles and rails core of partial wood and teak ply wood (3 ply) on both sides in/c hold fasts hinges iron tower bolts handles and cleats with cord etc complete. (SI.57/P-65)	787.5	1182.56	P/Sft	931266
5	Distemping two coats (SI.24b / P-54)	8668	1043.9	%Sft	90485.252
6	Preparing the surface and painting with matt finish paint of approved make to old matt finish (b). 2nd & subsequent coat. (SI.37(A+B) / P-55).	30361	1772.38	%Sft	538112.2918
7	Preparing the surface and painting with weather coat in/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 (B) 2nd & subsequent coat. (SI.38-A+B+B/P-56)	18089	2567.95	%Sft	464516.4755
Total Amount Part (A):					2216494.474

ELECTRIC WORKS SCHEDULE ITEMS PART (B):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.126 / P-15).	150	985	P.Point	147750
2	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.124 / P-15).	150	1130	P.Point	169500
3	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-3/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.(SI.8 / P-2).	200	173	P.Meter	34600
4	Providing & Fixing three pin 5 Amp Plug & Socket.(SI.226 / P-33).	80	151	Each	12080
5	P/F holder for 125 watts light @ as per site requirement & instruction of Engineer Incharge. (SI.189/P-29)	80	203	P/ No.	16240
Total amount of Part (B):					380170

SANITARY WORKS SCHEDULE ITEMS PART (C):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	(b) Supplying / Fixing wash basin mixture of superior quality with C.P head 1/2" dia. (SI.14-b / P-19).	54	3179	Each	171666
2	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete. (SI.19(a) / P-19).	54	3432	Each	185328
3	Supplying and fixing in position brass bib cocks 3/4" dia brass bib cock, Light pattern.(SI.1-ii-a / P / 16).	54	337.92	Each	18247.68

4	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & in/c the cost of W.I or C.I cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia rubber plug & chrome plated brass chain 1-1/4" dia, malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign or Equivalent).(SI.10 / P-3).	12	4928	Each	59136
5	Providing & fixing European white glazed earthen ware wash down W.C pan complete with and in/c the cost of white/black plastic seat (Best Quality) and lid with C.P. brass hinges and buffers, 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign Quality).(SI.5 / P-2).	12	11477.4	Each	137728.8
6	Excavation for pipe line in trenches, and pts in all kind of soils of Murom I/c trimming and dressing of trenches to correct level and grade cutting joint holes and disposal of surplus earth within a one chain as directed by the engineer incharge. Providing fence guards lights, flags and temporary crossing for non-vehicular traffic where over required lifts upto 5 ft (1.52m) and lead upto one chain (30.5m) (V-III/part-II/P.No13/S.no.51)	1000	4650	%0Cft	4650
7	Constructing manhole for the required diameter of circular sewer and 3'-6" (1067mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick, inside of walls and 1" (25 mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2' x 1-1/2' (457 x 457mm) of 1.75 cwt, (88.9 kg) embaded in plain C.C 1:2:4 and fixing 1" (25 mm) dia M.S steps 6" (150mm)wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc. Complete as per standard specification and drawing. Vol.III. PartV-B Pg-46. S.No.1	6	14748	Each	88488
8	providing chambers 3'x2' (915x615mm) inside dimension 4 1/2' (1372mm) deep as per approved design for sluice value 3" to 12" dia with 18" (457mm) dia inside cost iron cover and frame (wt=1 cwt 3 qr) fixed in RCC 1:2:4 9 (102mm) thick (with 5 lbs steel per cft) 9" (299mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every one foot beyond 2 1/2 ft depth curing, excavation, back filling and disposal of surplus earth etc, complete. Vol.III. PartV-B Pg-49. S.No.1	6	18820	Each	112920
9	Manufa6turing and supplying of ring slab 21" dia (inside) and 36 11 Dia (out side) 7 1/2 width and 6 " thick i/c 3/8" Dia for steel bars two concrete rings with 3/8" dia 8 Nos cross linked bars welded and two sunk type hooks casted in 1: 1 1/2: 3 concrete with embedded 15 kg C.I frame in perfect position i/c transportation charges. for an average lead of 20 km per trip from casting yard to town offices (Ammonium of 25 slabs per trip will be transported Vol.III. PartV-B Pg-31. S.No.2 Ch # 9	6	1906.6	Each	11439.6
10	Shifting to the site and fixing 36" dia (outer) ring slab in perfect position on damaged manholes i/c cutting of the position of damaged manhole in proper shope lying in layer of CMin 2" thick and disposal of the debris. Vol.III. Part V-B Pg-31. S.NO.1	6	563.09	Each	3378.54

11	Manufacturing & Supplying of 21" dia R.C.C. manhole cover cast in 1 :2:4 concrete ratio 3 inch deep at center. reinforced with 1/2" dia tor steel bars at 4" c/c welded to 3/16" thick 2" wide M.S plate two hook of 3/8" dia tor bar including compacting i/c. curing and transportation with in 10 miles.From existina manholes: 21" Dia. Vol.III. Part V-B. S. No.01. Pg.#31	6	913.63	Each	5481.78
Total amount of Part (C):					798464.4

NON-SCHEDULE ITEMS PART (D):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Water proofing of roof by means of chemical by using latex solution by supplying 1 st coat of uni bond 2860 adhesive, 2 nd cost of Aqua seal 2010/11 3 rd coat of uni-bond+aqua seal mixture then filling the cracks with uni-bond then supplying 2/3 coats as per requirement of aqua seal to have rubber like surface etc complete as directed by the Engineer Incharge.	9600	120	P/Sft	1152000
2	Removing of existing plaster from ceiling and applying floating coat of cement on ceiling surface 1/8 th thick then 3/4 th thick plaster 1:4, 1 st coat and 1/2 th thick cement plaster as 2 nd coat in ration 1:4 in/c surface finishing curing etc complete. The cost in/c necessary scaffolding wooden planks or drums as directed by the engineer incharge.	5868	60	P/Sft	352080
3	P/F RCC pipe 12 th dia with collar of class *B* for sewerage line in/c excavating the trench of required dia and depth and then laying pipe in trench jointing and refilling excavated stuff as directed by the Engineer Incharge.	100	550	P/Rft	55000
4	Removing debries from Building in/c collecting from different floors, throwing to stair to ground floor at proper place and then loading on truck and throwing out of city government premises, fuel & hire charges of truck, loading & unloading etc complete	10	3500	P/Truck	35000
Total amount of Part-D					1594080

Grand Total amount in Rupees (A+B+C+D) **4989212**
Add Cartage Amount: **10208**
Grand Total amount in Rupees: **4999420**
Or say in Million **4.999 Millions**

(HAFIZ SAFDAR SHAIKH)

Assistant Engineer,
CPO, SINDH, KARACHI.

Name of work: REPAIR / RENOVATION WORKS FOR 12 NOS. G-TYPE FLATS & 02 NOS. F-TYPE FAMILY					
SCHEDULE BOOK DOCUMENT					
CIVIL WORKS SCHEDULE ITEMS PART (A):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Scraping (b) Ordinary distemper oil bound distemper or Paint on Walls. Only 70 % allowable (SI.54-(b) / P-13).	39983	226.88	%Sft	90713.4304
2	P/L 1:3:6 cement concrete solid block masonry wall above 6" in thickness set in 1:6 cement mortar in ground floor super structure in/c raking out joints & curing etc complete. (SI.23/P-19)	380	14621.44	%Cft.	55561.472
3	Cement plaster 1:4 upto 12' height (c) 3/4 th thick (SI-11-C/P-52)	1520	3015.76	%Sft	45839.552

4	P/F in position doors windows and ventilators of 1 st class deodar wood frames and 1-1/2" thick teak wood ply shutter of 2 nd class deodar wood skeleton (solid) styles and rails core of partial wood and teak ply wood (3 ply) on both sides in/c hold fasts hinges iron tower bolts handles and cleats with cord etc complete. (SI.57/P-65)	787.5	1182.56	P/Sft	931266
5	Distempering two coats (SI.24b / P-54)	8668	1043.9	%Sft	90485.252
6	Preparing the surface and painting with matt finish paint of approved make to old matt finish (b). 2nd & subsequent coat. (SI.37(A+B) / P-55).	30361	1772.38	%Sft	538112.2918
7	Preparing the surface and painting with weather coat in/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 (B) 2nd & subsequent coat. (SI.38-A+B+B/P-56)	18089	2567.95	%Sft	464516.4755
Total Amount Part (A):					2216494.474
ELECTRIC WORKS SCHEDULE ITEMS PART (B):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.126 / P-15).	150	985	P.Point	147750
2	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.124 / P-15).	150	1130	P.Point	169500
3	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-3/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.(SI.8 / P-2).	200	173	P.Meter	34600
4	Providing & Fixing three pin 5 Amp Plug & Socket.(SI.226 / P-33).	80	151	Each	12080
5	P/F holder for 125 watts light @ as per site requirement & instruction of Engineer Incharge. (SI.189/P-29)	80	203	P/ No.	16240
Total amount of Part (B):					380170
SANITARY WORKS SCHEDULE ITEMS PART (C):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	(b) Supplying / Fixing wash basin mixture of superior quality with C.P head 1/2" dia. (SI.14-b / P-19).	54	3179	Each	171666
2	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete. (SI.19(a) / P-19).	54	3432	Each	185328
3	Supplying and fixing in position brass bib cocks 3/4" dia brass bib cock, Light pattern.(SI.1-ii-a / P / 16).	54	337.92	Each	18247.68
4	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & in/c the cost of W.I or C.I cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia rubber plug & chrome plated brass chain 1-1/4" dia, malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign or Equivalent).(SI.10 / P-3).	12	4928	Each	59136
5	Providing & fixing European white glazed earthen ware wash down W.C pan complete with and in/c the cost of white/black plastic seat (Best Quality) and lid with C.P. brass hinges and buffers, 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign Quality).(SI.5 / P-2).	12	11477.4	Each	137728.8

6	Excavation for pipe line in trenches, and pts in all kind of soils of Murrom I/c trimming and dressing of trenches to correct level and grade cutting joint holes and disposal of surplus earth within a one chain as directed by the engineer incharge. Providing fence guards lights, flags and temporary crossing for non-vehicular traffic where over required lifts upto 5 ft (1.52m) and lead upto one chain (30.5m) (V-III/part-II/P.No13/S.no.51)	1000	4650	%0Cft	4650
7	Constructing manhole for the required diameter of circular sewer and 3'-6" (1067mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick, inside of walls and 1" (25 mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2' x 1-1/2' (457 x 457mm) of 1.75 cwt, (88.9 kg) embaded in plain C.C 1;2:4 and fixing 1" (25 mm) dia M.S steps 6" (150mm)wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc. Complete as per standard specification and drawing. Vol.III. PartV-B Pg-46. S.No.1	6	14748	Each	88488
8	providing chambers 3'x2' (915x615mm) inside dimension 4 1/2' (1372mm) deep as per approved design for sluice value 3" to 12" dia with 18" (457mm) dia inside cost iron cover and frame (wt=1 cwt 3 qr) fixed in RCC 1:2:4 9 (102mm) thick (with 5 lbs steel per cft) 9" (299mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 infoundation 1" (25 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every one foot beyond 2 1/2 ft depth curing, excavation, back filling and disposal of surplus earth etc, complete. Vol.III. PartV-B Pg-49. S.No.1	6	18820	Each	112920
9	Manufa6turing and supplying of ring slab 21" dia (inside) and 36 11 Dia (out side) 7 1/2 width and 6 " thick i/c 3/8" Dia for steel bars two concrete rings with 3/8" dia 8 Nos cross linked bars welded and two sunk type hooks casted in 1: 1 1/2: 3 concrete with embedded 15 kg C.I frame in perfect position i/c transportation charges. for an average lead of 20 km per trip from casting yard to town offices (Ammonium of 25 slabs per trip will be transported Vol.III. PartV-B Pg-31. S.No.2 Ch # 9	6	1906.6	Each	11439.6
10	Shifting to the site and fixing 36" dia (outer) ring slab in perfect position on damaged manholes i/c cutting of the position of damaged manhole in proper shope lying in layer of CM in 2" thick and disposal of the debris. Vol.III. Part V-B Pg-31. S.NO.1	6	563.09	Each	3378.54
11	Manufacturing & Supplying of 21" dia R.C.C. manhole cover cast in 1 :2:4 concrete ratio 3 inch deep at center. reinforced with 1/2" dia tor steel bars at 4" c/c welded to 3/16" thick 2" wide M.S plate two hook of 3/8" dia tor bar including compacting i/c. curing and transportation with in 10 miles.From existina manholes: 21" Dia. Vol.III. Part V-B. S. No.01. Pg,#31	6	913.63	Each	5481.78
				Total amount of Part (C):	798464.4

NON-SCHEDULE ITEMS PART (D):

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Water proofing of roof by means of chemical by using latex solution by supplying 1 st coat of uni bond 2860 adhesive, 2 nd cost of Aqua seal 2010/11 3 rd coat of uni-bond+aqua seal mixture then filling the cracks with uni-bond then supplying 2/3 coats as per requirement of aqua seal to have rubber like surface etc complete as directed by the Engineer Incharge.	9600		P/Sft	

2	Removing of existing plaster from ceiling and applying floating coat of cement on ceiling surface 1/8" thick then 3/4" thick plaster 1:4, 1" coat and 1/2" thick cement plaster as 2" coat in ration 1:4 in/c surface finishing curing etc complete. The cost in/c necessary scaffolding wooden planks or drums as directed by the engineer incharge.	5868		P/Sft	
3	P/F RCC pipe 12" dia with collar of class *B* for sewerage line in/c excavating the trench of required dia and depth and then laying pipe in trench jointing and refilling excavated stuff as directed by the Engineer Incharge.	100		P/Rft	
4	Removing debries from Building in/c collecting from different floors, throwing to stair to ground floor at proper place and then loading on truck and throwing out of city government premises, fuel & hire charges of truck, loading & unloading etc complete	10		P/Truck	
		Total amount of Part-D			

Grand Total amount in Rupees (A+B+C+D)

Grand Total amount in Rupees:

Or say in Million

TERMS AND CONDITIONS

1. Any typographical errors in the Schedule B are subject to the correction with Reference to the Schedule of rate General
2. Arbitration clause stands deleted from the agreement.
3. No premium shall be paid on a Non schedule items.
4. 100% Well Graded crushed bajri shall be used in items of work without any extra payment.
5. All sample of items should be got approved by the Engineer Incharge.

(HAFIZ SAFDAR SHAIKH)

Assistant Engineer,
CPO, Sindh, Karachi

Name of work: REPAIR / RENOVATION WORKS FOR 60 NOS. FAMILY QUARTERS AT POLICE LINE SITE,					
DETAILED COST ESTIMATE					
CIVIL WORKS SCHEDULE ITEMS PART (A):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Scraping (b) Ordinary distemper oil bound distemper or Paint on Walls. Only 70 % allowable (SI.54-(b) / P-13).	127110	226.88	%Sft	288387.168
2	P/L 1:3:6 cement concrete solid block masonry wall above 6" in thickness set in 1:6 cement mortar in ground floor super structure in/c raking out joints & curing etc complete. (SI.23/P-19)	126	14621.44	%Cft.	18423.0144
3	Cement plaster 1:4 upto 12' height (c) 3/4" thick (SI-11-C/P-52)	504	3015.76	%Sft	15199.4304
4	Distempering two coats (SI.24b / P-54)	19489	1043.9	%Sft	203445.671
5	Preparing the surface and painting with matt finish paint of approved make to old matt finish (b). 2nd & subsequent coat. (SI.37(A+B) / P-55).	94266	1772.38	%Sft	1670751.731
6	Preparing the surface and painting with weather coat in/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 (B) 2nd & subsequent coat. (SI.38-A+B+B/P-56)	67830	2567.95	%Sft	1741840.485
Total Amount Part (A):					3938047.5
ELECTRIC WORKS SCHEDULE ITEMS PART (B):					

S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Wiring for plug point with 3/.029 PVC insulated wire in 20mm (¾") PVC conduit recessed in the wall or column as required.(SI.126 / P-15).	120	985	P.Point	118200
2	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (¾") PVC conduit recessed in the wall or column as required.(SI.124 / P-15).	100	1130	P.Point	113000
3	Providing & Fixing three pin 5 Amp Plug & Socket.(SI.226 / P-33).	150	151	Each	22650
4	P/F holder for 125 watts light @ as per site requirement & instruction of Engineer Incharge. (SI.189/P-29)	105	203	P/ No.	21315
5	P/F of street light 250 watts (SON) having IP-54 classification with 250-w lamp, choke, capacitor & Internal wiring complete in all respect at the height up to 31-ft as per site requirement and instruction of EI make of the above light is as follow (161 P/ 25),	20	10105	Each	202100
Total amount of Part (B):					477265
SANITARY WORKS SCHEDULE ITEMS PART (C):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	(b) Supplying / Fixing wash basin mixture of superior quality with C.P head ½" dia. (SI.14-b / P-19).	60	3179	Each	190740
2	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete. (SI.19(a) / P-19).	60	3432	Each	205920
3	Supplying and fixing in position brass bib cocks ¾" dia brass bib cock, Light pattern.(SI.1-ii-a / P / 16).	60	337.92	Each	20275.2
4	Excavation for pipe line in trenches, and pts in all kind of soils of Murom I/c trimming and dressing of trenches to correct level and grade cutting joint holes and disposal of surplus earth within a one chain as directed by the engineer incharge. Providing fence guards lights, flags and temporary crossing for non-vehicular traffic where over required lifts upto 5 ft (1.52m) and lead upto one chain (30.5m) (V-III/part-II/P.No13/S.no.51)	4000	4650	%0Cft	18600
5	Constructing manhole for the required diameter of circular sewer and 3'-6" (1067mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick, inside of walls and 1" (25 mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2' x 1-1/2' (457 x 457mm) of 1.75 cwt, (88.9 kg) embeded in plain C.C 1;2:4 and fixing 1" (25 mm) dia M.S steps 6" (150mm)wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc. Complete as per standard specification and drawing. Vol.III. PartV-B Pg-46. S.No.1	10	14748	Each	147480
6	providing chambers 3'x2' (915x615mm) inside dimension 4 1/2' (1372mm) deep as per approved design for sluice value 3" to 12" dia with 18" (457mm) dia inside cost iron cover and frame (wt=1 cwt 3 qr) fixed in RCC 1:2:4 9 (102mm) thick (with 5 lbs steel per cft) 9" (299mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every one foot beyond 2 1/2 ft depth curing, excavation, back filling and disposal of surplus earth etc, complete. Vol.III. PartV-B Pg-49. S.No.1	10	18820	Each	188200
7	Manufacturing and supplying of ring slab 21" dia (inside) and 36 11 Dia (out side) 7 1/2 width and 6 " thick i/c 3/8" Dia for steel bars two concrete rings with 3/8" dia 8 Nos cross linked bars welded and two sunk type hooks casted in 1: 1 1/2: 3 concrete with embedded 15 kg C.I frame in perfect position i/c transportation charges. for an average lead of 20 km per trip from casting yard to town offices (Ammonium of 25 slabs per trip will be transported Vol.III. PartV-B Pg-31. S.No.2 Ch # 9	10	1906.6	Each	19066

8	Shifting to the site and fixing 36" dia (outer) ring slab in perfect position on damaged manholes i/c cutting of the position of damaged manhole in proper shape lying in layer of CMin 2" thick and disposal of the debris. Vol.III. Part V-B Pg-31. S.NO.1	10	563.09	Each	5630.9
9	Manufacturing & Supplying of 21" dia R.C.C. manhole cover cast in 1 :2:4 concrete ratio 3 inch deep at center. reinforced with 1/2" dia tor steel bars at 4" c/c welded to 3/16" thick 2" wide M.S plate two hook of 3/8" dia tor bar including compacting i/c. curing and transportation within 10 miles. From existing manholes: 21" Dia. Vol.III. Part V-B. S. No.01. Pg.#31	10	913.63	Each	9136.3
Total amount of Part (C):					805048.4
NON-SCHEDULE ITEMS PART (D):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	P/F RCC pipe 12" dia with collar of class *B* for sewerage line in/c excavating the trench of required dia and depth and then laying pipe in trench jointing and refilling excavated stuff as directed by the Engineer Incharge.	400	550	P/Rft	220000
2	Removing debris from Building in/c collecting from different floors, throwing to stair to ground floor at proper place and then loading on truck and throwing out of city government premises, fuel & hire charges of truck, loading & unloading etc complete	16	3500	P/Truck	56000
Total amount of Part-D					276000

Grand Total amount in Rupees (A+B+C+D) **5496360**
Add Cartage Amount: **3385**
Grand Total amount in Rupees: **5499745**
Or say in Million **5.499 Millions**

(HAFIZ SAFDAR SHAIKH)
Assistant Engineer,
CPO, SINDH, KARACHI.

Name of work: REPAIR / RENOVATION WORKS FOR 60 NOS. FAMILY QUARTERS AT POLICE LINE SITE,					
SCHEDULE BOOK DOCUMENT					
CIVIL WORKS SCHEDULE ITEMS PART (A):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	Scraping (b) Ordinary distemper oil bound distemper or Paint on Walls. Only 70 % allowable (SI.54-(b) / P-13).	127110	226.88	%Sft	288387.168
2	P/L 1:3:6 cement concrete solid block masonry wall above 6" in thickness set in 1:6 cement mortar in ground floor super structure in/c raking out joints & curing etc complete. (SI.23/P-19)	126	14621.44	%Cft.	18423.0144
3	Cement plaster 1:4 upto 12' height (c) 3/4" thick (SI-11-C/P-52)	504	3015.76	%Sft	15199.4304
4	Distemping two coats (SI.24b / P-54)	19489	1043.9	%Sft	203445.671
5	Preparing the surface and painting with matt finish paint of approved make to old matt finish (b). 2nd & subsequent coat. (SI.37(A+B) / P-55).	94266	1772.38	%Sft	1670751.731
6	Preparing the surface and painting with weather coat in/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 (B) 2nd & subsequent coat. (SI.38-A+B+B/P-56)	67830	2567.95	%Sft	1741840.485
Total Amount Part (A):					3938047.5
ELECTRIC WORKS SCHEDULE ITEMS PART (B):					
S.NO	Descriptions	Quantity	Rate	unit	Amount

1	Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.126 / P-15).	120	985	P.Point	118200
2	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.124 / P-15).	100	1130	P.Point	113000
3	Providing & Fixing three pin 5 Amp Plug & Socket.(SI.226 / P-33).	150	151	Each	22650
4	P/F holder for 125 watts light @ as per site requirement & instruction of Engineer Incharge. (SI.189/P-29)	105	203	P/ No.	21315
5	P/F of street light 250 watts (SON) having IP-54 classification with 250-w lamp, choke, capacitor & Internal wiring complete in all respect at the height up to 31-ft as per site requirement and instruction of EI make of the above light is as follow (161 P/ 25),	20	10105	Each	202100
Total amount of Part (B):					477265
SANITARY WORKS SCHEDULE ITEMS PART (C):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	(b) Supplying / Fixing wash basin mixture of superior quality with C.P head 1/2" dia. (SI.14-b / P-19).	60	3179	Each	190740
2	(a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete. (SI.19(a) / P-19).	60	3432	Each	205920
3	Supplying and fixing in position brass bib cocks 3/4" dia brass bib cock, Light pattern.(SI.1-ii-a / P / 16).	60	337.92	Each	20275.2
4	Excavation for pipe line in trenches, and pts in all kind of soils of Murom I/c trimming and dressing of trenches to correct level and grade cutting joint holes and disposal of surplus earth within a one chain as directed by the engineer incharge. Providing fence guards lights, flags and temporary crossing for non-vehicular traffic where over required lifts upto 5 ft (1.52m) and lead upto one chain (30.5m) (V-III/part-II/P.No13/S.no.51)	4000	4650	%0Cft	18600
5	Constructing manhole for the required diameter of circular sewer and 3'-6" (1067mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick, inside of walls and 1" (25 mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2' x 1-1/2' (457 x 457mm) of 1.75 cwt, (88.9 kg) embeded in plain C.C 1;2:4 and fixing 1" (25 mm) dia M.S steps 6" (150mm)wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc. Complete as per standard specification and drawing. Vol.III. PartV-B Pg-46. S.No.1	10	14748	Each	147480
6	providing chambers 3'x2' (915x615mm) inside dimension 4 1/2' (1372mm) deep as per approved design for sluice value 3" to 12" dia with 18" (457mm) dia inside cost iron cover and frame (wt=1 cwt 3 qr) fixed in RCC 1:2:4 9 (102mm) thick (with 5 lbs steel per cft) 9" (299mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:3:6 in foundation 1" (25 mm) thick cement concrete 1:2:4 flooring 1/2" (12.5 mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every one foot beyond 2 1/2 ft depth curing, excavation, back filling and disposal of surplus earth etc, complete. Vol.III. PartV-B Pg-49. S.No.1	10	18820	Each	188200
7	Manufacturing and supplying of ring slab 21" dia (inside) and 36 11 Dia (out side) 7 1/2 width and 6 " thick i/c 3/8" Dia for steel bars two concrete rings with 3/8" dia 8 Nos cross linked bars welded and two sunk type hooks casted in 1: 1 1/2: 3 concrete with embedded 15 kg C.I frame in perfect position i/c transportation charges. for an average lead of 20 km per trip from casting yard to town offices (Ammonium of 25 slabs per trip will be transported Vol.III. PartV-B Pg-31. S.No.2 Ch # 9	10	1906.6	Each	19066

8	Shifting to the site and fixing 36" dia (outer) ring slab in perfect position on damaged manholes i/c cutting of the position of damaged manhole in proper shape lying in layer of CM in 2" thick and disposal of the debris. Vol.III. Part V-B Pg-31. S.NO.1	10	563.09	Each	5630.9
9	Manufacturing & Supplying of 21" dia R.C.C. manhole cover cast in 1 :2:4 concrete ratio 3 inch deep at center. reinforced with 1/2" dia tor steel bars at 4" c/c welded to 3/16" thick 2" wide M.S plate two hook of 3/8" dia tor bar including compacting i/c. curing and transportation within 10 miles. From existing manholes: 21" Dia. Vol.III. Part V-B. S. No.01. Pg.#31	10	913.63	Each	9136.3
Total amount of Part (C):					805048.4
NON-SCHEDULE ITEMS PART (D):					
S.NO	Descriptions	Quantity	Rate	unit	Amount
1	P/F RCC pipe 12" dia with collar of class *B* for sewerage line in/c excavating the trench of required dia and depth and then laying pipe in trench jointing and refilling excavated stuff as directed by the Engineer Incharge.	400		P/Rft	
2	Removing debris from Building in/c collecting from different floors, throwing to stair to ground floor at proper place and then loading on truck and throwing out of city government premises, fuel & hire charges of truck, loading & unloading etc complete	16		P/Truck	
Total amount of Part-D					

Grand Total amount in Rupees (A+B+C+D)

Grand Total amount in Rupees:

Or say in Million

TERMS AND CONDITIONS

1. Any typographical errors in the Schedule B are subject to the correction with Reference to the Schedule of rate General
2. Arbitration clause stands deleted from the agreement.
3. No premium shall be paid on a Non schedule items.
4. 100% Well Graded crushed bajri shall be used in items of work without any extra payment.
5. All sample of items should be got approved by the Engineer Incharge.

	2216494		
4438990	380170		
163620	798468		
375241	1594080		
	4989212	25534757	25533691
	10208		1066
	4999420		