

S.N.O. _____ DATE _____
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 Purpose _____ Advocate 1304
 Value Rs. _____ Attested _____
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 Not for _____
 Vendor Not Required for _____
FOR THE RENOVATION

FOR THE RENOVATION, RE-MODIFICATION & CONSTRUCTION WORKS
FOR SMBBIT & EMERGENCY RESPONSE CENTRE LARKANA
NIT# PROC/SMBBIT/2022-23/502 (Dated: 07th March-2023),
(REF# PROC/SMBBIT/(LAR-01)/2022-23 FOR FINANCIAL YEAR 2022-23.

LETTER OF ACCEPTANCE NO: PROC/SMBBIT/2022-23/612 DATED: 16 – May - 2023

This Contract Agreement (hereinafter called the Agreement) made on 19 day of May, 2023.

BETWEEN

M/s. UNITED CONSTRUCTION Co.,

A Contractor, having its Office # C19 Block-3, Metroville-I, S.I.T.E, Karachi. (Hereinafter mentioned as Contractor), which expression shall be deemed to mean and include its successors-in-interest and permitted assigns;

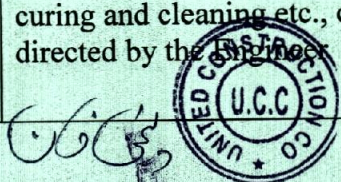
AND

SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA

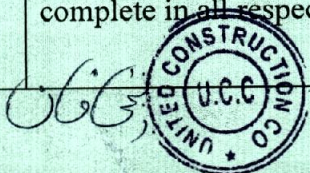
WHEREAS the Purchaser is desirous that certain Construction, "Under mentioned works" should be constructed by the constructor and has accepted a bid by the constructor for the **"RENOVATION, RE-MODIFICATION & CONSTRUCTION WORKS FOR SMBBIT & EMERGENCY RESPONSE CENTRE LARKANA"** remedying of any defect therein.

S#	Description of Items	Unit	Tentative Qty.	Rate	Total Amount
	RENOVATION, RE-MODIFICATION & CONSTRUCTION WORKS FOR EMERGENCY RESPONSE CENTER LARKANA (PART-"A")				

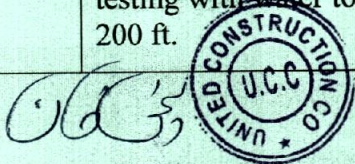
S#	Description of Items	Unit	Tentative Qty.	Rate	Total Amount
1	Removal of Wooden Door Shutter at Minor OT.	Each	2	2,427.00	4,854.00
2	Removal of Aluminum partition at Minor OT	Sft	77	79.00	6,083.00
3	Re-fixing of Remove Wooden Door Shutter at Minor OT	Each	2	2,500.00	5,000.00
4	Re-Fixing of Removal of Aluminum partition at Minor OT	Sft	77	122.00	9,394.00
5	Dismantling of 6" thick Brick Masonry Wall with Grinder and Hilti Machine with safety precautions to avoid damages for floor tile at different locations.	Cft	32.56	295.00	9,605.20
6	Dismantling of Floor tile for fixing of 6" brick masonry	Sft	44.04	133.00	5,857.32
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 4" thick 8½" length 4½ width with Cement mortar 1:4 (1 cement : 4 coarse sand)	Cft	306.46	496.00	152,004.16
8	Applying 1" thick Cement Plaster in 1:6 cement sand mortar complete over Brick Masonry , curing complete at any height plaster as per instruction	Sft	993.53	67.00	66,566.51
9	Removal of Granite with CC Floor using with grinder and chisel.	Sft	78	98.00	7,644.00
10	Providing & fixing Black Granite 25mm thick including T Girder with tile slab 1½" x 1½" x 3mm thick MS T-Girder with 1" thick 6" x 12" burnt tile with making edges	Sft	25.5	2,187.00	55,768.50
11	Providing & fixing Verona Marble ¾" thick including T Girder with tile slab 1½" x 1½" x 3mm thick MS T-Girder with 1" thick 6" x 12" burnt tile with making edges	Sft	60	1,590.00	95,400.00
12	Providing and fixing Glazed tiles Size 12" x 24" approved make and texture shade in dado set over dry bond and filling the joints with neat white grout ¾" thick base plaster of cement, sand (1:4) with curing and cleaning etc., complete as per directed by the Engineer	Sft	281.04	280.00	78,691.20



S#	Description of Items	Unit	Tentative Qty.	Rate	Total Amount
13	Providing and fixing porcelain tiles skirting 4" high of approved color, design including rough base plaster, grouting with matching color .Complete in all respect and as per instructions of the Engineer.	Rft	110.84	390.00	43,227.60
14	Providing & Fixing 12mm Glass Partitions with door including D-48 2mm thick Aluminum U Channel and imported door closing machine. Complete in all respect as per instructions of Engineer	Sft	226	510.00	115,260.00
15	Providing & Fixing in position 1.6 mm thick Aluminums Partition with 5 mm thick brown glass including gasket fixing with silicon and using 3/8" screw complete in all respects as per directives of Engineer In charge.	Sft	233.8	480.00	112,224.00
16	Providing & Fixing Wall Hanging Cabinet 14'-0"x2'-2"x1'-4" , using MDF Lamination 3/4" thick sheet, 5mm thick MDF Laminated for backside with PVC lipping, Partal Wood, Lock, Hinges, Handel, Knob, etc. complete in all respects.	Sft	30.24	3,850.00	116,424.00
17	Providing & Fixing Wall Hanging Cabinet 10'-0"x2'-2"x1'-4", using MDF Lamination 3/4" thick sheet, 5mm thick MDF Laminated for backside with PVC lipping, Partal Wood, Lock, Hinges, Handel, Knob, etc. complete in all respects.	Sft	53	3,850.00	204,050.00
18	Providing & Fixing Wooden Cabinet (Floor Box) 26'-6" x 6" x 1'-10" using MDF Lamination 3/4" thick sheet, with PVC lipping, Partal Wood Framing, Hinges, Handel, Knob, etc. complete in all respects.	Sft	53	3,250.00	172,250.00
19	Providing & Fixing of Nursing Wooden Counter Size 11'- 9" x 3'-0" x 1'-10" with 4 nos. of drawer with handels and lock, using MDF Lamination 3/4" thick sheet, with PVC lipping, Partal Wood Framing complete in all respects.	Sft	35.25	5,650.00	199,162.50



S#	Description of Items	Unit	Tentative Qty.	Rate	Total Amount
20	Preparing the surface and painting with matt finish I/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete in all respects.	Sft	992.46	65.00	64,509.90
21	Providing and laying 3/4"(19mm) thick Granite polished sill for vanity size 4'-0" x 3'-0" of approved design in cherry pink color, with jointing of jelly and making edges and cutting of S.S Sink.	Sft	34.5	1,620.00	55,890.00
22	Providing and laying 3/4"(19mm) thick Granite polished sill for supporting sills for vanity size 2'-0" x 3'-0" of approved design in cherry pink color, with jointing of jelly and making edges and cutting of S.S Sink.	Sft	30	1,620.00	48,600.00
23	Providing and Fixing of 16 gauge S.S Sink size 26" x 16"	Nos	4	25,880.00	103,520.00
24	Supplying/Fixing wash basin mixture of superior quality with c.p head 3/4" dia. Long neck with chrome plates	Nos	4	12,380.00	49,520.00
25	Supplying/Fixing 1/2" dia brass material chrome plated T-Cock	Nos	8	1,690.00	13,520.00
26	Supplying / Fixing Rubber Connection tube 1/2" dia.	Nos	8	560.00	4,480.00
27	Supplying/Fixing 1-1/2" PVC Waste Water Pipe	Nos	4	2,810.00	11,240.00
28	Providing, Laying 3/4" uPVC pressure Pipes of Class 'B' (equivalent make) fixing in trenches i/c cutting, fitting and jointing with 'Z' joint with one rubber ring i/c testing with water to a head 61 meter or 200 ft.	Rft	90	120.00	10,800.00

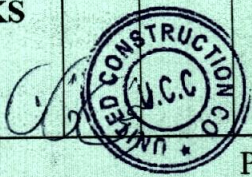


S#	Description of Items	Unit	Tentative Qty.	Rate	Total Amount
29	Providing, Laying 1-1/2" uPVC pressure Pipes of Class 'B' (equivalent make) fixing in trenches i/c cutting, fitting and jointing with 'Z' joint with one rubber ring i/c testing with water to a head 61 meter or 200 ft.	Rft	40	360.00	14,400.00
30-i	Providing and fixing of PVC Channel for hiding of Plumbing lines 60mm x 60mm	Rft	40	150.00	6,000.00
30-ii	Providing and fixing of PVC Channel for hiding of Plumbing lines 40mm x 40mm	Rft	100	110.00	11,000.00
30-iii	Providing and fixing of PVC Channel for hiding of Plumbing lines 25mm x 20mm	Rft	30	70.00	2,100.00
31	Wiring from switch board to first light point with 2x1.5 sq.mm + ECC 1x1.5 sqmm. as direction by site Engineer	Nos	34	5,814.00	197,676.00
32	Wiring from light point to light point with 2x1.5 sq.mm + ECC 1x1.5 sqmm. as direction by site Engineer	Nos	1	4,788.00	4,788.00
33	Wiring of 15A switch socket for Raw circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from DB to first outlet point with all required installation accessories, complete in all respect as shown on drawings.	No.	1	17,100.00	17,100.00
34	Providing and Fixing Back box for 4 Gang Plate	Nos	7	830.00	5,810.00
35	Providing and Fixing Back box with Power Plate	Nos	6	920.00	5,520.00
36	Providing and Fixing of Safety Breaker 10 Amp	Nos	1	1,350.00	1,350.00
37	Supplying and Fixing Ceiling light	Nos	6	430.00	2,580.00



S#	Description of Items	Unit	Tentative Qty.	Rate	Total Amount
38	Providing and Fixing Split Air Condition 1.50 Tr. Complete in all respect	No.	1	176,000.00	176,000.00
39	Supply & Installation New Gypsum False Ceiling using sheet (2'-0" x 2'-0" imported) in panels including making frame work of imported Aluminum 'U' channel	Sft	120	140.00	16,800.00
40	Providing and Fixing 5mm thick Fiber Glass shade in green color including MS Box pipe 18 gauge frame .	Sft	224	1,220.00	273,280.00
41	Providing and Fixing of Sun shade with Aluco Bond fedol quality with MS Box pipe frame in front elevation and side elevation.	Sft	164.43	1,410.00	231,846.30
42	Fixing of 4mm plastic Logo laser cutting with 100mm foaming board back letter with LED Modules light 3 color of Monogram of Trauma size 6'-0" x 6'-0" with LED Lights.	Nos	1	241,880.00	241,880.00
43	Fixing of 4mm plastic Logo laser cutting with 100mm foaming board back letter with LED Modules light 3 color of Monogram of Trauma size 4'-0" x 4'-0" with LED Lights.	Nos	1	169,310.00	169,310.00
44	Providing and Fixing of 4mm letters lazer cutting with 10mm foaming board back letter LED modules light of Six number of Alphabets of acrylic Sheet. SMBBIT	Nos	6	94,330.00	565,980.00
45	Providing and Fixing of 4mm letters lazer cutting with 10mm foaming board back letter LED modules light of 7 number of Alphabets of acrylic Sheet. Trauma END	Nos	7	70,140.00	490,980.00

S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
	RENOVATION, RE-MODIFICATION & CONSTRUCTION WORKS FOR EMERGENCY RESPONSE CENTER LARKANA (PART-"B")								



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
1	Dismantling of Existing RCC Structure consisting of RCC Slab / Roof Beam / Columns including disposal of debris outside from the Project Area								
						1,937.67	Cft	250.00	484,417.50
2	Dismantling of Existing Block Masonry Wall / PCC Wall or Floor including disposal of debris outside from the Project Area								
						941.22	Cft.	120.00	112,946.40
3	Providing and laying reinforced cement concrete using Crushed Stone 3/4" and down gauge with a mix not leaner than 1:1½:3 in Structure component of any shape of uniform section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in Super Structure Column								
	SS Column	4	1.5	0.75	11.5	51.75	Cft.	766.00	39,640.50
4	Providing and laying reinforced cement concrete using Crushed Stone 3/4" and down gauge with a mix not leaner than 1:2:4 in Structure component of any shape of uniform section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in Roof Beam & Roof Slab								
	Roof Beam	4	20	0.75	3	180	Cft.		
						180	Cft.	663.00	119,340.00
5	Providing and laying hard grade (minimum yield point 60,000 per square inch) reinforcement bars and including the cost of straightening, removing twists, cutting, bending, lifting, binding and placing the steel in position, tying with binding wire for RCC member.								
	Steel					4	Ton	642,157.00	2,568,628.00



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
6	Providing and laying 2 inches thick damp proof course with cement concrete 1:2:4 cast in situ using graded screened bajri of 3/4 inch (19 mm) and down gauge mixed with any approved water proofing agent including leveling, curing complete in all respect								
	DPC	12	20	0.75		180	Sft.		
						180	Sft.	114.00	20,520.00
7	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls including scaffolding and curing etc. Complete in Below Plinth or above Plinth upto Ground Floor Level and Parapet Wall								
	Brick Masonary 9"	12	20	0.75	11.5	2,070.00	Cft.		
						2,070.00	Cft.	491.00	1,016,370.00
8	Providing and Fixing 9"x9" & 4½"x 9" RCC Lintel on Door & Windows								
	For Door 3'-6" Wide	25	4.5			112.5	Rft.		
	For Window Internal 5'-0" Wide	35	6			210	Rft.		
						322.5	Rft.	1,199.00	386,677.50
9	Providing and fixing G.I. moulded frames of 9" x 2-1/2" manufactured from G.I. sheet of 18 gauge including cutting holes and filling the cavity with cement concrete 1:2:4 etc. complete in all respect								
	For Door 3'-6" Wide	25	23			575	Rft.		
						575	Rft.	1,199.00	689,425.00



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
10	Providing and fixing 1-1/2 inches thick solid core deodar wood flushed veneered door shutters, including the cost of commercial plywood facing 3 mm. thick (3 ply) on both faces, fixed over deodar wood frame 2 inches wide alround 6 inches wide lock rail and deodar wood solid core, including 1/4 inch thick deodar wood lipping on all sides complete.								
	Door 3'-6" Wide	25	3.5		8	700	Sft.		
						700	Sft.	2,570.00	1,799,000.00
11	Providing and fixing with C.P. brass screws main door handle type lock (local make) of approved design, cutting wood etc., to required size, with two operating keys, complete in all respect	22				22	Nos.	10,279.00	226,138.00
12	Providing and Fixing Tower bolt Brass (anodized) size 12" (305 mm).	22				22	Nos.	206.00	4,532.00
13	Providing and fixing Door Stopper	22				22	Nos.	308.00	6,776.00
14	Providing and fixing fully glazed (with Lead Glass) Champagne anodized aluminum Fixed window as per British standard manufactured by Lucky or equivalent , Deluxe model box section including the cost of aluminum fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete but excluding the cost of glass pans.					750	Sft.	2,142.00	1,606,500.00
15	Providing and Fixing 5mm tinted Glass					750	Sft.	685.00	513,750.00
16	1/2" thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., including making edges, corners and curing etc., complete .					5,023.00	Sft.	75.00	376,725.00



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
17	1/2" thick cement smooth plaster Internal 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.					8,800.00	Sft.	75.00	660,000.00
18	1/2" thick cement smooth plaster External 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.					11,000.00	Sft.	80.00	880,000.00
19	Providing & laying Porcelain tiles Matt / Glazed 24"x24" (600mmx600mm) on floors & Walls (Dado) in any floor laid with dry bond over existing CC floor including jointing the tiles with joint filler, complete in all respect.					51,200.00	Sft.	603.00	30,873,600.00
20	Providing & laying Ceramic tiles Matt / Glazed 12"x24" (300mmx600mm) on floors & Walls (Dado) in any floor laid with dry bond over existing CC floor including jointing the tiles with joint filler, complete in all respect.					8,037.00	Sft.	463.00	3,721,131.00
21	Providing, Preparing surface and Applying water proofing chemical 1st primary coat of 26 AC 10/55 chemical and then heavy rich coat with canvas cloth and in last two coats of same chemical etc complete in all respect, including 2" thick PCC 1:2:4 Flooring over Water Proofing								
	Roof Area	1				16,522.00	Sft.	473.00	7,814,906.00
22	Providing and applying distemper in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and inequalities, if any, on ceiling					41,500.00	Sft.	43.00	1,784,500.00
23	Painting on Door frame / Iron Work with enamel paint two coats over and including the cost of one priming coat complete								
	For Door 3'-6" Wide	25	17.5	1.17		511.88	Sft.		
						511.88	Sft.	77.00	39,414.76

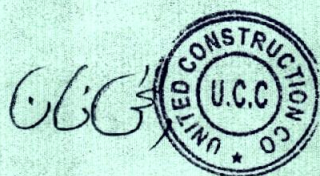


S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
24	Providing and applying Plastic Emulsion paint two coats over and including the cost of one priming coat complete over plastered surface.					41,500.00	Sft.	69.00	2,863,500.00
25	Providing and applying three coats with weather shield paint of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc.					11,000.00	Sft.	86.00	946,000.00
26	Providing and fixing Gypsum false ceiling size (2' x 2' x 3/4") Tiles i.c cost of aluminum T & angle, hanger lips jointing clip and G.I. wire etc. complete.					14,118.00	Sft.	257.00	3,628,326.00
27	Providing and fixing Metal (Dampa) false ceiling size (2' x 2' x 3/4") Tiles i.c cost of alluminum T & angle, hanger lips jointing clip and G.I. wire etc. complete.								
	Toilet 5'-0"x3'-9"					904	Sft.	514.00	464,656.00
	ELECTRICAL WORKS								
28	Wiring from switch board to first light point with 2x1.5 sq.mm + ECC 1x1.5 sqmm as direction by site Engineer	128				128	Nos.	5,825.00	745,600.00
29	Wiring from light point to light point with 2x1.5 sq.mm + ECC 1x1.5 sqmm as direction by site Engineer	150				150	Nos.	4,797.00	719,550.00
30	Wiring of 13A switch socket for circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from DB to first socket point with all required installation accessories, complete in all respect as shown on drawings.	45				45	Nos.	17,132.00	770,940.00
31	Wiring of 13A switch socket for circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from Socket to socket point with all required installation accessories, complete in all respect as shown on drawings.	80				80	Nos.	13,706.00	1,096,480.00

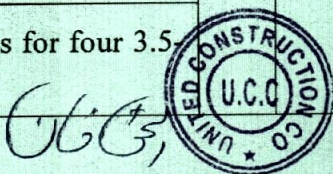


S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
32	Wiring of 15A switch socket for Raw circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from DB to first outlet point with all required installation accessories, complete in all respect as shown on drawings.	75				75	Nos.	17,132.00	1,284,900.00
33	Wiring of 15A switch socket for Raw circuit with 2x4 sq.mm + ECC 1x4 sq.mm in 25mm dia PVC conduit from Outlet to outlet point with all required installation accessories, complete in all respect as shown on drawings.	80				80	Nos.	13,706.00	1,096,480.00
34	Providing and fixing Distribution board as per drawing and as per site requirement	6				6	Nos.	428,306.00	2,569,836.00
35	Providing and fixing Sub Main Distribution board as per drawing and as per site requirement	1				1	Nos.	3,083,802.00	3,083,802.00
36	Providing and fixing concealed / surface light 12"x48" or 24"x24" LED panel light	380				380	Nos.	16,276.00	6,184,880.00
37	Providing and fixing Ceiling LED light 18 watts 8" dia	50				50	Nos.	4,283.00	214,150.00
38	Supply and installation of following 5/15 Amps, one-way gang type switches / socket outlets including back boxes, recessed on wall or column as per design drawings.								
A	10A, 220V One Gang Switch Unit	50				50	Nos.	2,399.00	119,950.00
B	10A, 220V Two Gang Switch Unit	50				50	Nos.	2,570.00	128,500.00
C	10A, 220V Three Gang Switch Unit	70				70	Nos.	2,741.00	191,870.00
D	10A, 220V Four Gang Switch Unit	100				100	Nos.	3,084.00	308,400.00
E	10A, 220V Five Gang Switch Unit	100				100	Nos.	3,084.00	308,400.00
F	One Gang Dimmer	40				40	Nos.	2,056.00	82,240.00
G	13A Switch socket	125				125	Nos.	2,056.00	257,000.00
H	15A Switch socket	155				155	Nos.	2,399.00	371,845.00

S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
I	Multi Power Plug	50				50	Nos.	2,399.00	119,950.00
39	Supply, Laying, Installation, Testing and commissioning of following size of CU/PVC Cables for main/ Sub main Distribution Panels in already installed PVC conduit / cable tray including all accessories, complete in all respect as shown on drawing.								
A	4C-10 sqmm CU/PVC/PVC + ECC 6 sqmm PVC	1	100			100	RM	9,937.00	993,700.00
B	4C-25 sqmm CU/PVC/PVC + ECC 10 sqmm PVC	1	100			100	RM	11,993.00	1,199,300.00
C	4C-35 sqmm CU/PVC/PVC + ECC 16 sqmm PVC	1	100			100	RM	13,363.00	1,336,300.00
D	4C-120 sqmm CU/PVC/PVC + ECC 70 sqmm PVC	1	250			250	RM	59,963.00	14,990,750.00
40	Providing and fixing Split Air-Conditioner wall mounted of 1.50Tr including its Outer Bracket and installation complete.	22				22	Nos.	256,984.00	5,653,648.00
41	Providing and fixing Split Air-Conditioner Floor Standing of 2.0Tr including its Outer Bracket and installation complete.	11				11	Nos.	308,380.00	3,392,180.00
42	Providing and fixing additional Copper Piping of 1/2" & 1/4", with Areoflex and Control wire	1	100			100	Rft.	1,285.00	128,500.00
43	Providing and fixing additional Copper Piping of 5/8" & 1/4", with Areoflex and Control wire	1	100			100	Rft.	1,679.00	167,900.00
44	Providing and fixing PVC Drain Pipe 3/4" Dia	1	100			100	Rft.	548.00	54,800.00
	DATA / VOICE								
45	CAT-6 cable for Voice and Data communication from each workstation to Com-Rack in 25mm dia PVC conduit. Complete in all respects. Note: Contractor Should be verify the Length before commencement of Work.	1	610			610	RM	857.00	522,770.00



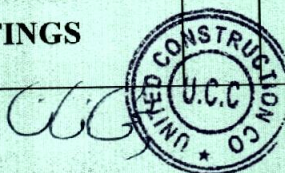
S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
46	Duplex Face plate Cat-6 RJ-45 I/O for Data and Voice complete with shuttered click-ins, labels and all accessories including back box, recessed on wall or column as per design drawings.	40				40	Nos.	3,084.00	123,360.00
47	For Data & Voice Rack 24U height, 24" width and 24" depth. suitable for installation of standard patch panels and etc. Complete wall mounted, vertical cable managers. Rack shall be equipped with power distribution units (PDUs) with at least 5 imported power sockets etc. Complete in all respects. Com-Rack should be energize with UPS Power Supply.	1				1	Nos.	20,559.00	20,559.00
48	Cisco Catalyst 2960-X 24 Gigabit PoE 370W, 4 x 1G SFP, LAN Base for Data (Installed at com rack)	4				4	No.	94,227.00	376,908.00
49	1 kVA UPS single IN and Single Out (No Interruption 10mints backup)	1				1	No.	25,698.00	25,698.00
50	Programming, testing and commissioning of the complete system as per the Client requirement.	1				1	job	102,793.00	102,793.00
	CCTV SYSTEM								
51	CAT-6 cable for CCTV in PVC conduit. Complete in all respects.	1	610			610	RM	857.00	522,770.00
52	Wall bracket box Camera, PoE I.P, 2MP-IR-Camera with live and recording quality of minimum 15 fps, Varifocal Lens 3.3-12mm, DC12V along with all mounting accessories complete in all respects.	30				30	No.	21,415.00	642,450.00
53	Up to 12 channel IP cameras can be connected;	1				1	No.	231,285.00	231,285.00
	Supports decoding H.265+/H.265/H.264+/H.264 video formats;								
	Up to 12 MP high-definition live view, storage and playback;								
	Up to 256 Mbps high incoming bandwidth ensures IP cameras can be connected;								
	4 SATA interfaces for four 3.5 inch HDDs								



	Up to 1 TB capacity for each HDD								
	2 HDMI and 1 VGA interfaces: HDMI interfaces support independent video output;								
	1 HDDs for continuous video recording;								
	Compatible with third-party network cameras;								
	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface								
	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz								
	4K resolution is only available for HDMI.								
54	24" LED Color Monitors to be installed with all connecting cords and mounting stands.	1				1	No.	42,831.00	42,831.00
55	Programming, testing and commissioning of the complete system as per the Client requirement.	1				1	job	51,397.00	51,397.00
	FIRE ALARM								
56	02 Loops extendable to 4 loops Networkable Addressable Master FACP with Latest processor technology, handle to support 4 Nos Slave FACP in different building and communicate with them and generate SMS alert to 5 persons along with all required accessories as per EN-54 approval, including Power supply and 8-hour battery backup with charger.	1				1	No.	685,289.00	685,289.00
57	Addressable optical smoke Detector with The ideal optical smoke detection for detecting visible smoke particles from smouldering fires, light smoke, burning plastic or liquids with smoke generation.	48				48	No.	11,136.00	534,528.00
58	Addressable Heat Detector with Base and with Rate-of-rise heat detection, applicable for stable temperature conditions, where open fires and fast developing fires must be expected.	2				2	No.	11,136.00	22,272.00



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
59	Addressable Sounder, Completely bus supplied addressable alarm devices with High sound pressure level of up to 97 dB(A) Cost-saving integration into the Activation of up to 64 alarm devices per loop- Multilingual voice alarm function in 5 languages must have 20 different international signal tones incl. DIN-tone available Full compliance with EN 54-3 & EN 54-23 Synchronized activation within loop and panel Simple and Built-in isolator in each alarm device	8				8	No.	15,419.00	123,352.00
60	Addressable Break Glass Type Manual Call Point, Meets EN 54-11 requirements Complete detectors or electronic modules selectable depending on area of usage Space-saving flat design must have Test function, reset and opening of the case easy with the supplied key	8				8	No.	12,849.00	102,792.00
61	2C-1.5 Sq.mm Fire Retardant shielded cable with fire rating of 30min sustain. (Internal looping) Before Commencement of Work Contractor to be verify the cable length.	1	305			305	RM	1,420.00	433,100.00
62	2C-1.5 Sq.mm Fire Retardant shielded cable with fire rating of 30min sustain. 2 Loop Before Commencement of Work Contractor to be verify the cable length.	1	305			305	RM	1,420.00	433,100.00
63	Programming, testing and commissioning of the complete system as per the Client requirement.	1				1	job	85,661.00	85,661.00
64	Providing and fixing of DCP fire extinguisher 9 kg	14				14	No.	7,710.00	107,940.00
65	Providing and fixing of CO2 fire extinguisher 7 kg	14				14	No.	17,989.00	251,846.00
	PLUMBING WORKS								
	SANITARY FITTINGS								



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
66	Providing and fixing steel sinks stainless local bt make complete with cast iron or wrought iron LINA ALVH brackets 6 inches built into wall, 1-1/2" rubber plug and chrome plated brass chain 1-1/2" C.P. brass waste wwith 1-1/2" P.V.C. waste pipe & making requisite number of holes in walls, plinth & floor for pipe connection & making good in cement concrete 1:2:4. (Steel Sink stainless size 33"x18" local make (standard patteren)	4				4	No.	48,399.00	193,596.00
67	Providing & Fixing of Sink Mixer Pvc Coated or approved equal	4				4	Nos.	14,562.00	58,248.00
68	CP bottle trap 1-1/4" with pipe for wash basin waste connection and water strainer Master, Baig or approved equal.	4				4	No.	8,994.00	35,976.00
69	CP Toilet paper roll holder Master/ Porta or approved equal complete with accessories.	22				22	No.	6,510.00	143,220.00
70	Providing and fixing European type white glazed earthen ware wash down W.C. pan complete with & including the cost of white / black plastic seat (Best quality) and lid with C.P. brass hinges best quality and buffers 3 gallons white glazed earthen ware low level flushing cistem with siphon fitting 1½ " dia white porcelain enameled flush bend dia and making requisite number of holes in walls , plinth & floor for pipe connection & making good in cement concrete 1:2:4	12				12	No.	38,513.00	462,156.00
71	Water closets squatting type with cistern complete with fittings and accessories of Porta Model No. HD-13 + HD-3 or approved equal	10				10	Nos.	16,276.00	162,760.00
72	Supplying & fixing C.P muslim shower with double bib cock and ring pipe etc. complete	22				22	No.	9,594.00	211,068.00
73	Wash basins, single center hole, suitable for counter top fittings for below, Porta Model No. HD-16 or approved equal	28				28	Nos.	38,548.00	1,079,344.00
74	Providing & Fixing of Basin Mixer Zilver (Imported) or approved equal					28	No.	44,715.00	1,252,020.00

UCC



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
75	CP Tee valves for wash basins / EWC / AWC/ , CP connections with nutes, fittings and complete with all accessories, Zelter (Imported) or approved equal.	32				32	No.	4,283.00	137,056.00
76	Providing & Fixing of Shower Set Zelter (Imported) or approved equal	12				12	No.	61,676.00	740,112.00
77	Providing & Fixing of Single Long Bib Cock Zelter (Imported) or approved equal	12				12	No.	11,924.00	143,088.00
78	Water Cooler Electric Type	4				4	No.	223,576.00	894,304.00
79	Water Cooler Filter Set 3 Bottle i/c UV Panel	4				4	Set	59,963.00	239,852.00
80	Geyser 30 Gal. Gas operated	4				4	No.	119,240.00	476,960.00
81	Liquid Soap Dispenser Zelter	28				28	No.	11,136.00	311,808.00
82	Soap Dish Zelter	28				28	No.	8,703.00	243,684.00
83	Mirror	28				28	No.	9,937.00	278,236.00
84	WATER DISTRIBUTION SYSTEM								
	PPR PN 20 piping for cold water system, with fittings, specialties, including all cutting, fitting, fixing and cleaning, wall and slab sleeves, CP clamps, hangers and supports, making connection with fixtures, valves and specialties, chiseling, making wall an floor openings and making good, pressure testing at a pressure of 250 psig, painting of exposed piping in occupied areas with primer and coats of approved paint in approved color complete in all respect.								
85	1/2" (outer dia 25 mm)	1	1040			1,040.00	Rft.	737.00	766,480.00
86	3/4" (outer dia 32 mm)	1	200			200	Rft.	959.00	191,800.00
87	1" (outer dia 40 mm)	1	100			100	Rft.	1,302.00	130,200.00
88	1 1/2" (outer dia 63 mm)	1	100			100	Rft.	2,758.00	275,800.00
89	2" (outer dia 75 mm)	1	100			100	Rft.	3,426.00	342,600.00
	P/F GI Pipe 3" Dia i/c All Specials & Fittings in Floor & Walls i/c cost of Bitumen Tape Wrapping, excavation if required and Bracing Clips etc. complete.								
90	Gate Valve 25mm Dia					12	No.	2,570.00	30,840.00

S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
91	Gate Valve 40mm Dia	12				12	No.	3,084.00	37,008.00
92	Gate Valve 63mm Dia	12				12	No.	5,996.00	71,952.00
	SOIL, WASTE AND VENT SYSTEM								
	UPVC Class D piping including all fittings, sockets, hangers and specials for soil and waste stacks and horizontal runs buried in ground or above false ceiling, in shafts exposed or concealed in floors and walls and connecting to manholes, including cutting, fitting, chiseling, making good, fixing and cleaning, wall and slab openings complete in all respect.								
93	2" dia	1	100			100	Rft.	908.00	90,800.00
94	3" dia	1	200			200	Rft.	1,456.00	291,200.00
95	4" dia	1	200			200	Rft.	2,124.00	424,800.00
96	6" dia	1	600			600	Rft.	3,084.00	1,850,400.00
	UPVC Class D piping including all fittings, sockets, hangers and specials for vent stacks and horizontal runs buried in ground or above false ceiling, in shafts exposed or concealed in floors and walls and connecting to manholes, including cutting, fitting, chiseling, making good, fixing and cleaning, wall and slab openings complete in all respect.								
97	3" dia	1	100			100	Rft.	1,508.00	150,800.00
98	4" dia	1	100			100	Rft.	2,056.00	205,600.00
	Vent cowl complete in all respect								
99	3" dia	16				16	No.	2,484.00	39,744.00
100	4" dia	16				16	No.	3,735.00	59,760.00



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
101	RCC piping including all fittings and specials for external soil and waste piping buried in the ground and connections to manhole including cutting, fitting, chiseling jointing, testing of individual pipes and specials over a test bed prior to laying, progressive testing in segments after laying and final testing of completed system as specified test pressure in all respect.								
A	10" dia	1	200			200	Rft.	6,219.00	1,243,800.00
B	12" dia	1	200			200	Rft.	6,579.00	1,315,800.00
102	Floor drains complete in all respect.								
A	3" dia	12				12	No.	11,016.00	132,192.00
103	Clean outs, polished bronze top with bronze grating and trap including jointing and testing complete in all respect.								
A	3" dia	5				5	No.	6,510.00	32,550.00
B	4" dia	5				5	No.	7,881.00	39,405.00
C	Waste Pipe with Jali complete with accessories.	42							
D	Gully trap complete with accessories.	12				12	No.	28,782.00	345,384.00
E	Over head tank filling pump	2				2	No.	1,130,728.00	2,261,456.00
F	Manholes complete in all respect	6				6	No.	96,369.00	578,214.00
G	Core Cutting in Slab Beams for any kind of Pipe including any size of pipe.	40				40	No.	5,465.00	218,600.00
H	Grouting of Core Area in Slabs	40				40	No.	6,219.00	248,760.00
I	Water Proofing of Toilets / Baths / Kitchen etc. by using Chemical Pegal or equivalent	1				1,600.00	Sft.	617.00	987,200.00
J	Making Connection of Sewer Line to Main Line i/c Excavation, Cutting of CC / RCC structures by Jack Hammer Etc. in alignment of trench also cutting existing Main Line Manhole and making good also including Pipe and Back filling & compacting etc. i/c Relocating of existing services lines complete.	1				1	Job	34,264.00	34,264.00



S#	Description of Items	No.	L	B	H	Tentative Qty.	Unit	Rate	Total Amount
	POWER TRANSFORMER								
	Providing, installation, testing and commissioning of following 11000 / 415V, 3 phase, 4 wire, oil type Floor mounted Transformer for indoor use, including connection with MV cables, indoor termination kits, control cables and necessary installation accessories etc. As per drawing, specification, data sheet, complete in all respects. 630 kVA	2				2	Units	9,936,700.00	19,873,400.00

ESTIMATED PROGRESS PAYMENTS

PART-"A"

Quarter / Year / Period	Amounts
	(1000 Rs.)
1	2
1st Quarter	2,127,973.10
2nd Quarter	2,127,973.10
Bid Price	4,255,946.19

PART-"B"

Quarter/ Year/ Period	Amounts
	(1000 Rs.)
1	2
1st Quarter	68,061,434.33
2nd Quarter	68,061,434.33
Bid Price	136,122,868.66

Quarter / Year / Period	POWER TRANSFORMER	Qty.	UOM	Unit Price	Total Price
1st Quarter	Providing, installation, testing and commissioning of following 11000 / 415V, 3 phase, 4 wire, oil type Floor mounted Transformer for indoor use, including connection with MV cables, indoor termination kits, control cables and necessary installation accessories etc. As per drawing, specification, data sheet, complete in all respects. 630 kVA	1	Unit	9,936,700.00	9,936,700.00
2nd Quarter		1	Unit	9,936,700.00	9,936,700.00

PROPOSED CONSTRUCTION SCHEDULE

S #	Description	Start	Finish
1	Mobilization at SITE	15-05-23	30-05-23
2	Dismantaling of Block Masonary / PCC / RCC, Flooring	23-05-23	07-06-23
3	Removal of Door, Windows, Ventilaors	23-05-23	07-06-23
4	RCC Plinth Beam Restrenghtening	08-06-23	23-06-23
5	PCC Sub Flooring	24-06-23	26-06-23
6	Damp Proof Course over PB & Situ	27-06-23	28-06-23
S #	Description	Start	Finish
7	Brick Masonary & RCC lintel Placing	29-06-23	02-08-23
8	RCC Super Structure Columns	22-07-23	07-08-23
9	RCC Roof Beams & Slab	08-08-23	23-08-23
10	Paraphet Wall Masonary	24-08-23	30-08-23
11	Door Frame Fixing	31-08-23	11-09-23
12	Plastering ceiling	12-09-23	22-09-23
13	Plastering Internal Walls	19-09-23	29-09-23
14	Plastering External Walls	16-09-23	27-09-23
15	Finish Flooring / Tiling	23-09-23	30-09-23
16	Roof Screeding	28-09-23	29-09-23
17	Internal Coloring Works	30-09-23	16-10-23
18	External Coloring Works	30-09-23	16-10-23
19	Door Shutter Fixing	17-10-23	20-10-23
20	Windows & Ventilator Fixing	17-10-23	20-10-23
21	False Ceiling Works	21-10-23	06-11-23
22	Plumbing Works	24-06-23	14-11-23
23	Electrical Works	24-06-23	14-11-23
24	Data & Voice Works	24-06-23	14-11-23
25	Fire Alarm Works	24-06-23	14-11-23
26	CCTV Works	24-06-23	14-11-23

LIST OF MAJOR EQUIPMENT

Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Capacity HP Rating	Condition	Present Location or Source	Date of Delivery at Site	Period of Work on Project
1	2	3	4	5	6	7
a. Owned	Excavator Machine	130 HP	Good	Larkana	Ready	3 Months
a. Owned	Shovel / Loader	135 HP	Good	Larkana	Ready	3 Months
a. Owned	Dumper Truck	900 Cft	Good	Larkana	Ready	3 Months
a. Owned	Concrete Mixer Mahcine	1 Bag	Good	Larkana	Ready	4 Months
a. Owned	Lift Machine with Lift Cage and Bucket	Local	Good	Larkana	Ready	4 Months
a. Owned	Concrete Vibrator		Good	Larkana	Ready	4 Months



Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Capacity HP Rating	Condition	Present Location or Source	Date of Delivery at Site	Period of Work on Project
a. Owned	Vibrator Compactor		Good	Larkana	Ready	4 Months
a. Owned	Wheel Barrow		Good	Larkana	Ready	4 Months
a. Owned	Shuttering Wooden		Good	Larkana	Ready	4 Months
a. Owned	Shuttering Steel	48x24	Good	Larkana	Ready	4 Months
a. Owned	Scaffolding (Pipe / Bamboos)		Good	Larkana	Ready	4 Months
a. Owned	Masonry Trowel (Large) Karandi	Large	Good	Larkana	Ready	4 Months
a. Owned	Masonry Trowel (Small) Karandi	Small	Good	Larkana	Ready	4 Months
a. Owned	Pick Axe (Gainti)		Good	Larkana	Ready	4 Months
a. Owned	Spade (Belcha)		Good	Larkana	Ready	4 Months
a. Owned	Steel Trowel (Karandi)		Good	Larkana	Ready	4 Months
a. Owned	Float (Gurmala Wooden)		Good	Larkana	Ready	4 Months
a. Owned	Spirit Level		Good	Larkana	Ready	4 Months
a. Owned	Drill Machine (Hammer) with Bid Set Complete		Good	Larkana	Ready	5 Months
a. Owned	Hilti Machine with Bits & Core Bits		Good	Larkana	Ready	5 Months
a. Owned	Welding Plant (Electric) Complete Set		Good	Larkana	Ready	5 Months
a. Owned	Level Machine		Good	Larkana	Ready	3 Months
a. Owned	Total Station		Good	Larkana	Ready	3 Months
a. Owned	Shazore Pickup		Good	Larkana	Ready	6 Months
a. Owned	Tractor with Trolley		Good	Larkana	Ready	4 Months
b. To be Purchased	-	-	-	-	-	-
c. To be arranged on Lease	-	-	-	-	-	-

Now this agreement witnesseth as follows:

- In this agreement words and expression shall have the same meanings as are respectively assigned to them in the Terms & Conditions of Tender Enquiry referred to.
- The Following documents after incorporating addenda, if any except these parts relating to Instruction to bidders, shall be deemed to form and be read and constructed as part of this Agreement, viz:
 - Purchase order(s)/ Letter of Acceptance where applicable.
 - The completed Form of Bid along with Schedules to Bid.
 - Condition of Contract & Contract Data
 - The priced Scheduled of prices
 - The specifications



3. In consideration of the payments to be made by the Purchaser to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Purchaser to works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Contractor, in consideration of completion of the mentioned works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. **LIQUIDITY DAMAGES:** 0.03% of the bid price per day after the period of Completion up to 10% maximum depends upon the damages done due to non-construction.
6. **DATE OF START OF WORKS:** As per work order.
7. **PLACE OF WORK:** EMERGENCY RESPONSE CENTER, LARKANA.
8. **PARTICULAR GOVERNING WORK:** As per policy given in the bid documents.
9. **INSPECTION:** Nominated Inspection Committee, Concerned Department.
10. **PAYMENT:** The Accounts & Finance Department SMBB-IT on production of the Delivery Challan, Inspection Note and Invoice, which will make payment from the consignee's Account.
11. **SECURITY DEPOSIT (PERFORMANCE SECURITY):** @ Rs. 16,025,230/- in the shape of Pay Order / Bank Guarantee in favor of SMBB Institute of Trauma.
12. **SPECIAL INSTRUCTION:** The Inspection Authority reserves the right to get any or all stores supplied against this Contract; tested by any respective Testing Laboratory/authority at the purchaser's discretion, before or after the acceptance of stores.
 - 12.1.1 All the supplies must be completed within the stipulated delivery period in case of failure; purchaser reserves the right to forfeit the security deposit and purchase the stores from any other sources on risk and expenses of Contractor without any notice.
 - 13.2 The stores if found damaged shall be replaced by Contractor free of cost.
 - 13.3 Sub-Standard stores if supplied will not be returned and Contractor will be required to supply the stores of the contracted specification and of standard quality in addition to the same without any additional expenses to the Government.
13. The Contractor / Manufacturer should ensure the supply of quality stores.



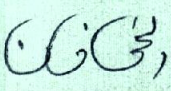
14. **Stamp duty:** @0.35% of ordered amount of Rs. 560,883/- shall be paid through E-stamp duty (www.estamps.gos.pk) and the paid receipt and agreement should have to be submitted to the Procurement department (SMBB-IT).

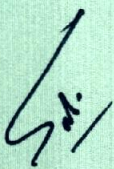
15. Documents showing any set of exemption from duty taxes should also be attached with the bills.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement in accordance with their respective hands and seals, the day, month and the year first above written.

Signature of the Contractor

Signature of the Purchaser

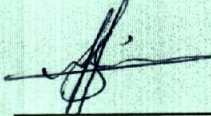

(Seal) 


(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:


(Name, Title and Address)

MUHAMMAD HASAN
ADDITION OFFICER
A-1/5, City villager
Sh-33, Sec 38/A
Gulshan-e-Hijri
Karachi


(Name, Title and Address)

MANAGER
SUPPLY CHAIN MANAGEMENT
SMBB Institute of Trauma, Karachi