

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)

CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR

ABSTRAT OF COST

BASED ON COMPOSITE SCHEDULE OF RATES 2023

No.	DESCRIPTION	AMOUNT Rs.
1	CIVIL WORK GROUND FLOOR (C.A.=1594.68 Sft)	13,808,090
2	PLUMBING WORKS	935,917
3	ELECTRICAL WORKS	703,982
4	TUFF PAVEMENT	1,138,650
5	SOLAR SYSTEM	1,253,200
	TOTAL	17,839,838
	Above/ below ____% Premium if any on CSR 2023 ☐	
	TOTAL	

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)

CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR

BILL OF QUANTITIES

BASED ON COMPOSITE SCHEDULE OF RATES 2023

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
1	BUILDING CIVIL WORKS Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I No. 3-21 A i) Excavation for Foundation Strip Footing A,C (1 to 6) B (1 to 4) D (1 to 3 & 5 to 7) E (1 to 3) F (5 to 7) 1,4 & 6 (A to C) 1,2 & 3 (D to E) 5,6 (D to F) U.G.W.R TANK Boundary Wall	2 1 1 1 1 3 3 2 1 1	31.75 14.75 30.50 13.50 16.75 37.50 6.75 10.58 13.50 157.00	2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.50 13.50 2.00	4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 7.00 2.00	635.00 147.50 305.00 135.00 167.50 1125.00 202.50 211.60 1275.75 628.00	Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft		
					Total	4832.85	Cft	9.74	47,072
2	Spraying approved anti-termite chemical mixed with water in the ratio of 1:40 (S.I No. 3- 69-1) Anti-Termite Spry Strip Footing A,C (1 to 6) B (1 to 4) D (1 to 3 & 5 to 7) E (1 to 3) F (5 to 7) 1,4 & 6 (A to C) 1,2 & 3 (D to E) 5,6 (D to F) U.G.W.R TANK Boundary Wall A,C (1 to 6) B (1 to 4) D (1 to 3 & 5 to 7) E (1 to 3) F (5 to 7) 1,4 & 6 (A to C) 1,2 & 3 (D to E) 5,6 (D to F) U.G.W.R TANK Boundary Wall	2 1 1 1 1 3 3 2 1 1 4 2 2 2 2 6 6 4 4 1	31.75 14.75 30.50 13.50 16.75 37.50 6.75 10.58 13.50 157.00 31.75 14.75 30.50 13.50 16.75 37.50 6.75 10.58 13.50 157.00	2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.00 -	- - - - - - - - - - 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 7.00 2.00	158.75 36.88 76.25 33.75 41.88 281.25 50.63 52.90 182.25 314.00 508.00 118.00 244.00 108.00 134.00 0.00 900.00 162.00 169.28 378.00 314.00	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft		
					Total	4263.81	Sft	15.11	64,426
3	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing. (S.I No. 5 - 8 e) P.C.C 1:4:8 in Foundation Strip Footing A,C (1 to 6) B (1 to 4) D (1 to 3 & 5 to 7) E (1 to 3) F (5 to 7) 1,4 & 6 (A to C) 1,2 & 3 (D to E) 5,6 (D to F)	2 1 1 1 1 3 3 2	31.75 14.75 30.50 13.50 16.75 37.50 6.75 10.58	2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.50	0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25	39.69 9.22 19.06 8.44 10.47 70.31 12.66 13.23	Cft Cft Cft Cft Cft Cft Cft Cft		

BASED ON COMPOSITE SCHEDULE OF RATES 2023

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S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
	1,4 & 6 (A to C)	3	37.50	1.00	0.75	84.38	Cft		
	1,2 & 3 (D to E)	3	6.75	1.00	0.75	15.19	Cft		
	5,6 (D to F)	2	10.58	1.00	0.75	15.87	Cft		
	Boundary Wall	1	157.00	1.00	1.00	157.00	Cft		
					Total	376.68	Cft	519.07	195,525
6a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	3314.81		Total	3.31	Tonne	6000.00	19,888.84
7	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement (S.I No. 5- 49 c) R.C.C 1:2:4 in Roof band A,C (1 to 6) B (1 to 4) D (1 to 3 & 5 to 7) E (1 to 3) F (5 to 7) 1,4 & 6 (A to C) 1,2 & 3 (D to E) 5,6 (D to F)	2 1 1 1 1 3 3 2	31.75 14.75 30.50 13.50 16.75 37.50 6.75 10.58	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	63.50 14.75 30.50 13.50 16.75 112.50 20.25 21.16	Cft Cft Cft Cft Cft Cft Cft Cft		
					Total	292.91	Cft	545.39	159,750
7a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	2577.61		Total	2.58	Tonne	6000.00	15,465.65
8	Providing and laying 1:4:8 cement concrete block masonry using Coarse Sand and Approved crushed aggregate 3/4" (19mm) & down gauge in foundation, basement and plinth including scaffolding, raking out joints and curing. Same as in item 9-1 but in 1:2:4 cement concrete block masonry. 12" (300 mm) thick solid block masonry Cement sand mortar 1 : 4 (S.I No. 9-3 d iii) Block Masonry in Substructure 12" Thick A,C (1 to 6) B (1 to 4) D (1 to 3 & 5 to 7) E (1 to 3) F (5 to 7) 1,4 & 6 (A to C) 1,2 & 3 (D to E) 5,6 (D to F) Boundary Wall U.G.W.R TANK	2 1 1 1 1 3 3 2 1 4	31.75 14.75 30.50 13.50 16.75 37.50 6.75 10.58 157.00 10.75	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 10.00 7.00 Total	254.00 59.00 122.00 54.00 67.00 450.00 81.00 84.64 1570.00 301.00 3042.64	Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft		
					Total	3042.64	Cft	442.65	1,346,825
8a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	18742.66			18.74	Tonne	6000.00	112,455.97

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S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
9	Providing and laying 1:4:8 cement concrete block masonry using Coarse Sand and Approved crushed aggregate 3/4" (19mm) and down gauge in ground floor superstructure including scaffolding, raking out joints and curing. Same as item 9-6 but in 1:2:4 cement concrete block masonry. 8" (200 mm) thick solid block masonry Cement sand mortar 1 : 4 (S.I No. 9-8 c iii) Block Masonry in Superstructure 8" Thick A,C (1 to 6) B (1 to 4) D (1 to 3 & 5 to 7) E (1 to 3) F (5 to 7) 1,4 & 6 (A to C) 1,2 & 3 (D to E) 5,6 (D to F) Steps Front Flower beds Deduction of Doors, Windows & ventilators D1 D2 D3 W1 V Deduction of Lintels D1 D2 D3 W1	2 1 1 1 1 3 3 2 1 1 1 1 2 4 2 1 2 5 3 2 1 2 5	31.75 14.75 30.50 13.50 16.75 37.50 6.75 10.58 32.75 32.75 32.75 32.75 32.75 3.00 3.50 3.00 2.50 4.00 2.00 5.00 4.50 4.00 5.50	0.67 0.67 0.67 0.67 0.67 0.67 0.67 0.67 4.00 3.00 2.00 1.00 0.33 0.33 0.67 0.67 0.67 0.67 0.67 0.67 0.67	10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 1.00 0.50 0.50 0.50 2.00 2.00 8.00 8.00 8.00 6.00 2.00 0.75 0.75 0.75 0.75	423.33 98.33 203.33 90.00 111.67 750.00 135.00 141.07 131.00 49.13 32.75 16.38 43.75 8.02 37.33 16.00 26.67 80.00 8.00 5.00 2.25 4.00 13.75 25.00	Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft Cft		
					Total	2040.75	Cft	481.94	983,521
9a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	13813.86			13.81	Tonne	6000.00	82,883.16
10	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement (S.I No. 5- 49 b) R.C.C 1:2:4 in Lintels D1 D2 D3 W1	2 1 2 5	5.00 4.50 4.00 5.50	0.67 0.67 0.67 0.67	0.75 0.75 0.75 0.75	5.00 2.25 4.00 13.75	Cft Cft Cft Cft		
					Total	25.00	Cft	530.18	13,255

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								(Pak Rs)	(Pak Rs)
10a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	220.00			0.22	Tonne	6000.00	1,320.00
11	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in super structure including compacting, curing, cost of form-work & its removal in basement and ground floor. (S.I No. 5-15-b) R.C.C 1:1½:3 Columns upto roof level								
	C-1	30	1.00	1.00	10.00	300.00	Cft		
	C-2	3	1.50	1.50	10.00	67.50	Cft		
						367.50	Cft	631.46	232,062
11a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	4116.00			4.12	Tonne	6000.00	24,696.00
12	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness upto 6" (150 mm) thickness (S.I No. 5-17-a i) R.C.C 1:2:4 in Slab		Area						
		1	1594.68	-	0.500	797.34	Cft		
	U.G.W.R TANK	1	113.77	-	0.500	56.89	Cft		
	Kitchen Shelf	1	43.87	-	0.500	21.94	Cft		
	Vanity Shelf	1	10.42	-	0.250	2.61	Cft		
					Total	878.77	Cft		
					Total	878.77	Cft	560.53	492,574
12a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	7733.13			7.73	Tonne	6000.00	46,398.79
13	Providing and laying 1:2:4 cement concrete floor using using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing. (S.I No. 14-2 a iv) P.C.C 1:2:4 in Plinth Protection		Area						
		1	137.50	-	-	137.50	Sft		
					Total	137.50	Sft	152.29	20,939.9
13a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	1210.00			1.21	Tonne	6000.00	7,260.00
14	Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness. With surplus earth from foundation etc. 3.00 Eart Filling under Floor		Area						
	Storage Room	1	280.00	-	2.00	560.00	Cft		
	R-1 Office	1	224.00	-	2.00	448.00	Cft		
	Verendah	1	597.20	-	2.00	1194.40	Cft		
	Kitchen	1	163.98	-	2.00	327.96	Cft		
	T-1	1	36.00	-	2.00	72.00	Cft		
	T-2	1	36.00	-	2.00	72.00	Cft		
					Total	2674.36	Cft	6.15	16,447

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S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
15	Providing and laying hand mixed cement concrete bed under floors using graded Crushed Aggregate upto 1-1/2" (37 mm) and down gauge complete with leveling, ramming, watering and curing. b) 1:4:8 (1 cement:4 sand and 8 shingle/bajri). (S.I No. 14-1-b) P.C.C 1:4:8 under Floor		Area						
	Storage Room	1	280.00	-	0.25	70.00	Cft		
	R-1 Office	1	224.00	-	0.25	56.00	Cft		
	Verendah	1	597.20	-	0.25	149.30	Cft		
	Kitchen	1	163.98	-	0.25	41.00	Cft		
	T-1	1	36.00	-	0.25	9.00	Cft		
	T-2	1	36.00	-	0.25	9.00	Cft		
					Total	334.30	Cft	332.92	111,293
15a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	1583.89			1.58	Tonne	6000.00	9,503.34
16	Cement plaster using Coarse Sand on soffits of ceiling, cantilever slabs, sides and soffits of beams, in basement and ground floor including making edges, corners and curing. 1/2 inch (13mm) thick cement sand plaster (1:4 Ratio) (S.I No. 15- 1 a iii) Ceiling Cement Plaster 1:4		Area						
	Storage Room	1	280.00	-	-	280.00	Sft		
	R-1 Office	1	224.00	-	-	224.00	Sft		
	Verendah	1	597.20	-	-	597.20	Sft		
	Kitchen	1	163.98	-	-	163.98	Sft		
	T-1	1	36.00	-	-	36.00	Sft		
	T-2	1	36.00	-	-	36.00	Sft		
					Total	1337.18	Sft	60.66	81,113
16a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	557.60			0.56	Tonne	6000.00	3,345.62
17	3/4 inch (19mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. (S.I No. 15-4iii) Internal Cement Plaster on Walls (1:4)		Perimeter						
	Storage Room	1	68.00	-	11.00	748.00	Sft		
	R-1 Office	1	60.00	-	11.00	660.00	Sft		
	Verendah	1	106.00	-	11.00	1166.00	Sft		
	Kitchen	1	52.50	-	11.00	577.50	Sft		
	T-1	1	24.00	-	11.00	264.00	Sft		
	T-2	1	24.00	-	11.00	264.00	Sft		
					Total	3679.50	Sft	62.56	230,190
17a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	2299.69			2.30	Tonne	6000.00	13,798.13
18	Providing and laying super white 12"x12" marble tiles floor fine dressed on surface without winding in ground floor and laid over 1" (25mm) thick cement sand mortar 1:2 setting tiles with portland cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing including the cost of cement mortar. 1/2" (13 mm) thick marble tiles floor								

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S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
	(S.I No. 14-9 a)								
	Marble Tiles Flooring (Ground with out toilets & Kitchen)								
	Storage Room	1	280.00	-	-	280.00	Sft		
	R-1 Office	1	224.00	-	-	224.00	Sft		
	Verendah	1	597.20	-	-	597.20	Sft		
	Steps	1	131.00	-	-	131.00	Sft		
	Threshold								
	D	2	3.50	1.00	-	7.00	Sft		
	D1	1	3.00	1.00	-	3.00	Sft		
	D2	2	2.50	1.00	-	5.00	Sft		
					Total	1247.20	Sft	511.08	637,418.98
19	Providing and fixing 3/8" (9mm) thick super white marble tiles dressed on the surface in dado/skirting and facing in ground floor over 1/2" (13mm) thick base of cement sand mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, grinding, cleaning & polishing.								
	(S.I No. 14-54 a)								
	Marble Skirting and Dado (Internal building Walls)		Perimeter						
	Storage Room	1	68.00	-	1.00	68.00	Sft		
	R-1 Office	1	60.00	-	1.00	60.00	Sft		
	Verendah	1	106.00	-	1.00	106.00	Sft		
					Total	234.00	Sft	439.69	102,887
20	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles of any colour and size in ground floor laid over 1" (25mm) thick cement sand mortar base including jointing and washing the tiles with white cement slurry of matching color by using color pigment and curing								
	(S.I No. 14-25 a)								
	Glazed Tile Flooring in Toilet								
	Kitchen	1	163.98	-	-	163.98	Sft		
	T-1	1	36.00	-	-	36.00	Sft		
	T-2	1	36.00	-	-	36.00	Sft		
					Total	235.98	Sft	278.29	65,671
21	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick Ceramic Glazed/Matt tiles (Prime Quality) of any colour and size, as directed by Engineer-in-Charge in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing.								
	(S.I No. 14- 64 a)								
	Glazed Tile Dado in Toilet and Kitchen								
	Kitchen	1	52.50	-	5.00	262.50	Sft		
	T-1	1	24.00	-	5.00	120.00	Sft		
	T-2	1	24.00	-	5.00	120.00	Sft		
					Total	502.50	Sft	213.60	107,334
22	Providing and laying 1" (25mm) thick super white marble slab exceeding 12"x12" size kitchen top in white cement including all labour for grinding and polishing								
	(S.I No. 14-10 c)								
	Marble on Reception Top								
	Kitchen Top	1	9.00	2	-	18.00	Sft		
		1	11.00	2	-	22.00	Sft		
	Venity Top	1	12.50	2	-	25.00	Sft		
		1	6.00	2	-	12.00	Sft		
					Total	77.00	Sft	595.95	45,888.15

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								(Pak Rs)	(Pak Rs)
23	1/2 inch (13mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. (S.I No. 15-3 iii) External Cement Plaster on Walls (1:4) Parapit Wall Boundary Wall	1 2 1	238.92 238.92 227.00	- - -	13.50 2.50 16.00	3225.42 1194.60 3632.00	Sft Sft Sft		
					Total	8052.02	Sft	57.95	466,615
23a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	3357.69			3.36	Tonne	6000.00	20,146.15
24	Providing and fixing First class wood frames of required size for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis (Jafri) work. Deodar wood (S.I No. 16-3-a) Wooden Door Frames D1 D3	2 2	23.00 21.00	0.875 0.875	0.25 0.25	10.06 9.19	Cft Cft		
					Total	19.25	Cft	13797.93	265,610
25	Providing and fixing First class deodar wood shutters fully panelled with same wood and fixed with approved brass hinges and tower bolts. 1.75" (44 mm) thick fully panelled shutters. (S.I No. 16-7b) Wooden Door Shutters D1 D3	2 2	3.50 2.50	- -	10.00 10.00	70.00 50.00	Sft Sft		
					Total	120.00	Sft	2048.13	245,776
26	Providing and fixing of wooden moulded beading to door and window frames with iron screws, plugs; 2nd Class Teak Wood 50x12mm Teak Wood (S.I No. 16-89 -1) Wooden Door Beading D1 D3	4 4	19.50 18.50	- -	- -	78.000 74.000	Rft Rft		
					Total	152.00	Rft	166.01	25,234
27	Providing and fixing factory made uPVC fixed or openable glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately).								

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								(Pak Rs)	(Pak Rs)
	Providing and fixing glass panes in wooden or steel frames of doors, windows and ventilators etc. complete in all respect. (S.I No. 16-100+86bv) uPVC windows,ventilators with Glass 6mm Tinted W1 V	5 3	4.00 2.00	- -	6.00 2.00	120.00 12.00	Sft Sft		
					Total	132.00	Sft	2475.96	326,827
28	Providing and fixing iron grills with square bars of 3/8" size as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting with two coats of red oxide paint and fixing in masonry/concrete or wood (S.I No. 28-28 - 1) Iron Grills on Windows W1 V	5 3	4.00 2.00	- -	6.00 2.00	120.00 12.00	Sft Sft		
					Total	132.00	Sft	606.09	80,004
29	Painting with ICI/Berger or equivalent plastic emulsion paint of approved shade in two or more coats as per manufacturer's instructions on plastered rendered and/or concrete surface over and including the cost of priming coat, surface preparation, dusting, rubbing down smooth, filling cracks, holes removing blisters and other blisters and other imperfections in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m) (S.I No. 17- 8-1) Intrenal Paint with Plastic Emulsion Ceiling Area Internal Walls area Deduction of Dedo	1 1	Area 1337.18 3679.50			1337.18 3679.50 736.50 4280.18	Sft Sft Sft Sft		
					Total	4280.18	Sft	67.82	290,282
30	Providing and mixing pigment in cement mortar of any description in any floor. (S.I No. 15-20 -1) Pigments used in External Cement Plaster External Walls area Approx: 1 Kg in 16 Sft C.Plaster	1	Area 8052.02			8052.02 503.25	Sft Kgs		
					Total	503.25	Kgs	167.90	84,496
31	Applying french or spirit polish of approved make on wood work in ground floor or basement Two coats (@ atleast 1.65 Litre per 10 Sq.m) (S.I No. 17-15 b) Polishing on Wood work	2	Area 120.00			240.00	Sft		
					Total	240.00	Sft	79.59	19,102
32	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m) (S.I No. 17-7-1) Painting on Iron work	2	132.00			264.00	Sft		
					Total	264.00	Sft	59.85	15,800

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)

CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR

BILL OF QUANTITIES

BASED ON COMPOSITE SCHEDULE OF RATES 2023

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
33	Providing and fixing locks with brass or specially supplied screws including Door Closers and Floor Hinges of approved design including cutting wood to required shape and size with two operating keys. (S.I.No. 16-66 e) Main Door Lock Main door lock kwikset make	3	-	-	-	3.00	Each		
					Total	3.00	Each	7098.00	21,294
34	Internal Door Lock Hyundi Lock (S.I.No. 16-66 d)	2	-	-	-	2.00	Each		
					Total	2.00	Each	4246.20	8,492
35	Hydraulic Door Closer Hydraulic door closer, New star make (S.I.No. 16-66 f)	3				3.00	Each		
					Total	3.00	Each	13166.41	39,499
36	Providing and fixing approved sliding bolts or aldrop bolt of sizes with screws of same metal and galvanized iron bolts and nuts. ii) 250 mm x 16 mm (10 ² x 5/8 ²) size (S.I.No. 16-74 ii) Sliding Bolts	6				6.00	Each		
					Total	6.00	Each	2068.80	12,413
37	Providing and fixing approved standard finger plate with screws. b) Brass finger plate 150 mm x 57 mm (6 ² x 2-1/4 ²) with brass screws. (S.I.No. 16-68 b) Finger Plate	6				6.00	Each		
					Total	6.00	Each	1094.40	6,566
38	Supply and fixing of stainless steel plates on the doors as kick plates 1 foot wide. (N.S.R.) Kick Plate D1 D2 D3	4 2 4	3.50 3.00 2.50	- - -	- - -	14.00 6.00 10.00	Sft Sft Sft		
					Total	60.00	Sft	202.50	12,150
39	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (S.I.NO 5-65-a) Reinforcement Footing Plinth Beam + Roof beam Columns Slabs	1229 695 515 879	4458.04 2835.59 2800.51 2790.24	- - - -	- - - -	4.46 2.84 2.80 2.79	Tonne Tonne Tonne Tonne		
					Total	12.88	Tonne	354350.42	4,565,583

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)

CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR

BILL OF QUANTITIES

BASED ON COMPOSITE SCHEDULE OF RATES 2023

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
40	Providing and fixing wooden box type wardrobe 22" (550mm) deep including 3/4" (19mm) thick boxing and shelves hanger rods, hardboard 3/16" (5mm) thick back drawers, brass fitting, locking arrangement, handles, internal bolts, shoe rods including painting. Laminated board 3/4" (19mm) thick boxing, shelves and back with 3/4" thick deodar wood veneer board (S.I No. 16-82-c) Wooden cabinets and Shelves	1 1 2 2	13.00 13.00 8.00 11.00		8.00 8.00 2.50 2.50	104.00 104.00 40.00 55.00	Sft Sft Sft Sft		
					Total	318.15	Sft	1489.22	473,795
41	Providing and laying 1:3:6 cement concrete block masonry using Coarse Sand and Approved crushed aggregate 3/4" (19mm) and down gauge in ground floor super-structure including scaffolding, raking out joints and curing. (S.I No. 9-7 c ii+9-12-1) Block Masonry in Superstructure 8" Thick	1	238.92	0.67	2.50	398.40	Cft		
					Total	398.40	Cft	462.55	184,280
41a	Extra for providing and using cement other than ordinary portland cement. (S.I No. 5 - 30a)		Kgs						
		1	2454.14			2.45	Tonne	6000.00	14,724.83
42	Providing and laying first class tile roof insulation comprising single layer of tiles 9"x 4-1/2"x 1-1/2" grouted with cement sand mortar 1:3 laid over 2 inch (50mm) thick earth including mud plaster over thermopore sheet over polythene sheet 300gauge (0.03mm) over a layer of hot bitumen coating, complete in all respect. (S.I No. 13-39 c) Roof insulation								
	Total Covered Area	1	Area 1594.68			1594.68	Sft		
					Total	1674.41	Sft	288.16	482,499
45	Providing and fixing collapsible steel shutter/gate with vertical channels, flat iron diagonal bracing, top and bottom rails with steel rollers of required size, T-iron bottom track, riveting at junctions, including locking arrangement and handles, cutting holes, painting two coats of red oxide paint, fixing bottom track with cement concrete (1:2:4), and making good the damages to walls; complete fabrication as per design and erection as per instructions of the Engineer Incharge. (S.I No. 28-17) Steel Rolling Shutter	1	10.00		10.00	100.00	Sft		
						100.00	Sft	573.23	57323.00
	SUB TOTAL								13,808,090
	G-TOTAL								13,808,090

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)
CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR
SEWERAGE AND WATER SUPPLY

BILL OF QUANTITIES
BASED ON COMPOSITE SCHEDULE OF RATES 2023

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
	<u>SEWERAGE AND WATER SUPPLY</u>								
1	Providing and fixing squatting type water closet with integral treads ICL Boch/Karam Cera or approved equivalent make including cost of inlet pipe cistern and lid cistern kit, stop cock deluxe type and other accessories, fittings, brackets, PVC down pipe, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material. W.C. Indian/Desi/902 with glazed earthen ware 4" (100 mm) trap (S.I No. 23-2-ai)								
		2				2.00	Each	20653.99	41307.98
2	Providing and fixing export quality glazed earthen ware wash basin manufactured by ICL Boch/Karam Cera or equivalent approved make with single hole chromium plated mixer tap 1/2" (15mm), pillar tap delux, stop cocks, C.I. or W.I. brackets 6" (150mm) built into walls 1.5" (40mm) C.P. brass waste with malleable iron or C.P. brass trap with malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material. Wash basin 24" (610 mm) Futura without pedestal Extra over above for providing and fixing white glazed earthen ware pedestal manufactured by ICL/Karam Cera or approved equivalent make. (S.I No. 23-5 b-i+d)								
		4				4.00	Each	21010.80	84043.20
3	Providing and fixing superior quality C.P. bib cock of approved make. 1/2" (12 mm) dia. (S.I No. 23-34 a)								
		15				15.00	Each	1018.80	15282.00
4	Providing and fixing superior quality gun-metal peet/gate valve (Class150) of approved make. Screwed ends (S.I No. 23-39)								
	i) 15 mm(1/2") dia.	1				3.00	No.s	1749.60	5248.80
	ii) 20 mm (.75") i/d.	1				3.00	No.s	2176.80	6530.40
	iii) 25 mm(1") dia.	1				3.00	No.s	2442.00	7326.00
5	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connections and jointing material (S.I No. 27-47)								
	15mm	1	120.00			120.00	Rft	100.39	12,046.80
	20mm	1	80.00			80.00	Rft	428.56	34,284.80
	25mm	1	120.00			120.00	Rft	715.35	85,842.00

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)
CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR
SEWERAGE AND WATER SUPPLY

BILL OF QUANTITIES
BASED ON COMPOSITE SCHEDULE OF RATES 2023

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
6	Providing and fixing stainless steel sink Pakistan made with C.I. or W.I brackets 6" built in wall, 1.5" (40 mm) rubber plug,C.P. brass chain, C.P. brass waste, pillar tap 2 way delux, 1.5" dia malleable iron or C.P. brass trap and unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material. Stainless steel sink 40" x 20" (1000 mm x 500 mm) (S.I No. 23-8a)								
		1				1.00	Each	21460.80	21460.80
7	Providing and fixing floor trap of approved self cleaning design with screwed down grating with or without a vent arm with and including making requisite number of holes in walls, plinth and floor for pipe connection and making good with C.I. floor trap 6" x 2" and 6" x 3" size with grating. (S.I No. 23-9a)								
		6				6.00	Each	1407.60	8445.60
8	Providing manhole type 'A' size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia.Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff. (S.I No. 25-4(a))								
		1	2.00	1.50	4.00	12.00	Cft		
						12.00	Cft	773.50	9282.00
9	Providing and fixing looking mirror of Belgium/ Malaysian/ Indonesian glass with chromium plated screws. (S.I No. 23-15-1)								
		2				2.00	Each		
						2.00	Each	2569.20	5138.40
10	Providing and fixing approved quality chromium plated towel rail with bracket and screws. Towel rail 24" x 3/4" (600mm x 20mm) (S.I No. 23-13a)								
		2				2.00	Each		
						2.00	Each	1923.00	3846.00
11	Providing and Installing uPVC pipe IIL, Dadex or equivalent make registered with PSQCA in tubewell bore hole and/or laying, cutting, jointing and testing uPVC pipe lines in trenches. Class B								

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)
CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR
SEWERAGE AND WATER SUPPLY

BILL OF QUANTITIES
BASED ON COMPOSITE SCHEDULE OF RATES 2023

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
	(S.I No. 25-20 a)								
	3" dia	1	100.00	-	-	110.00	Rft	538.46	59,230.60
	4" dia (Including Rain Pipe)	1	60.00	-	-	66.00	Rft	804.31	53,084.46
	6" dia	1	60.00	-	-	66.00	Rft	1566.67	103,400.22
12	Excavation in open cutting for sewers and manholes as shown in drawings, dressing to correct sections and dimensions according to templates and levels and removing surface water in all types of soil except rock (i) The rate includes back filling after laying of sewer, which is payable separately (S.I No. 3-42 A i)								
	Manhole	1	60.00	2.00	3.00	360.00	Cft		
		1	4.50	3.00	2.50	33.75	Cft		
						433.13	Cft	3.82	1654.54
13	Providing and fixing gulley trap with 4" (100mm) outlet, complete with 4" (100mm) thick 1:2:4 cement concrete using 3/4" (19mm) crushed aggregate for bed and kerb, 1/2" (13mm) thick cement plaster 1:3, 12"x12"x18" deep inside dimension chamber with C.I. grating 6"x6" cover and frame 12"x12". Cement concrete gulley trap 6" x 6" x 4" (150 x 150 x 100 mm) with C.I. cover and frame weighing not less than 10 kg. (S.I No. 25-2a)								
		1				1.00	Each		
						1.00	Each	6952.05	6952.05
14	Providing and fixing LDPE overhead tank manufactured by Dura, super tuff or equivalent on top of any floor 500 Gallons Capacity (S.I No. 27-44 b) LDPE Overhead Tank								
		1				1.00	Each		
						1.00	Each	371510.220	371510.22
	TOTAL								935917
	G-TOTAL								935917

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)
CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR
BASED ON COMPOSITE SCHEDULE OF RATES 2023

Electric Work Ground Floor .

Abstract Sheet

S. No	DESCRIPTION OF ITEMS	Quantity	UNIT	Schedule Item	RATE (RS)	AMOUNT (RS)
1	Light circuit concealed / open wiring with length upto 75 ft. (25m) from distribution board to point /switch with 3x2.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables for offices/multi storeyed buildings. (Concealed wiring with 3/4" 20 mm dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.)	6	Point	30-1 (a)	10,857.00	65,142
2	Concealed / open wiring from point to switch with length upto 30 ft. (10m) including any switch to switch wiring with 3x1.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables, (Concealed wiring with 3/4" 20 (mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.)	20	Point	30-3 (a)	4,278.60	85,572
3	Concealed /open wiring from point to point with length upto 10 ft. (3m) Sq.mm PVC insulated single core copper conductor with 3x1.5 Pakistan Cables, Pioneer, Newage or approved equivalent cables.	10	Point	30-4 (a)	1,283.58	12,836
4	Concealed/open wiring for 5 Amp. Socket outlets from nearest available circuit with a length upto 20 ft. (6m) with 3x1.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables. (Concealed wiring with 3/4" -20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc)	5	Point	30-8 (a)	3,358.32	16,792
5	Wiring of 5 Amps. socket outlet with 2.5 sq.mm PVC insulated single core copper conductor cable including 3/4" (20mm) dia. PVC conduit, 8.7sq.mm (10SWG) copper wire as earth continuity conductor and wiring accessories such as bends, elbows, junction boxes etc.	30	R.ft.	30-10	167.73	5,032
6	Supply and install 1-gang, 5 Amp, 250 Volt,. plate type moulded switch including appropriate size plastic box to be fixed recessed l wall.	4	No.	30-11	836.04	3,344
7	Supply and install 2-gang, 5 Amp, 250 Volt,. plate type moulded switch including appropriate size plastic box to be fixed recessed l wall.	4	No	30-12	897.80	3,591
8	Supply and install 3-gang, 5 Amp, 250 Volt,. plate type moulded switch including appropriate size plastic box to be fixed recessed l wall.	2	No.	30-13	1,341.04	2,682
9	Supply and install 4-gang, 5 Amp, 250 Volt,. plate type moulded switch including appropriate size plastic box to be fixed recessed l wall.	3	No.	30-14	1,548.00	4,644
10	Supply and install combined 2/3 pin 5 Amps, 250 Volt switch socket unit including plastic box to be fixed recessed in wall.	4	No.	30-19	1,732.44	6,930
11	Supply and install combined 3 pin 15 Amps /20 Amp Round 250 Volt switch socket unit including plastic box to be fixed recessed in wall.	4	No.	30-20	2,105.44	8,422
21	Supply and install 56" (1.42 m) sweep ceiling fan with fan hook and dimmer complete with all accessories.	4	No.	30-87	9,164.40	36,658
22	Supply and install earth connecting point of 10"x 2"x 1/4" (255mm x 50mm x 6mm) size of tinned copper bar, including brass/tinned copper bolts, nuts and washers.	1	No.	30-90	3,158.28	3,158

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)
CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR
BASED ON COMPOSITE SCHEDULE OF RATES 2023

Electric Work Ground Floor .

Abstract Sheet

S. No	DESCRIPTION OF ITEMS	Quantity	UNIT	Schedule Item	RATE (RS)	AMOUNT (RS)
23	Supply and install pair of earth electrode each comprising 24"x12" (600mm x 3mm) thick copper plate buried 13 ft (4M) deep underground in upright position in a pit and surrounded by mixture of salt and charcoal (1:3), 12" (300mm) min dia around the plate. The job also includes providing and fixing all accessories such as nuts, bolts, washers, 2x3/0 SWG (2x70mm) copper conductor earthing lead.	1	Job	30-91	312,520.88	312,521
24	Construction of 20" x 20" (500mm x 500 mm) square inspection chamber for earth electrodes including medium duty C.I. cover and all associated civil works.	1	Job	30-97	9,753.30	9,753
28	Wiring of bell point length upto 50 ft (15m) including supply of bell and bell push, 3x1.5 Sq.mm PVC insulated single core copper conductor cable in concealed PVC 3/4" (20mm) dia. conduit and wiring accessories such as elbows, bends, junction boxes, etc	1	Each	30-111	5,478.90	5,479
30	Supply and install 10" (250 mm) sweep exhaust fan including plastic louvers.	3	Each	30-113	5,564.40	16,693
31	Light Fixture Philips Type LED (Tube Light / Surface Mounted Circular LED LIGHT Ceiling Light) 13W,complete in all respect with allied accessories or approved equivalent. The fitting shall be approved by the Engineer.	5	Job	30-124 (c)	3,364.80	16,824
32	Light Fixture Philips Type LED (Recess Mounted Slim Circular LED PANEL LIGHT 13W,complete in all respect with allied accessories or approved equivalent. The fitting shall be approved by the Engineer.	5	Each	30-124 (a)	1,178.40	5,892
33	Provide, install, test and commission recessed wall mounting type distribution board fabricated from 16 SWG steel sheet, powder coated with approved color back box comprising one incoming MCCB- TP/60A and outgoing 9 single phase MCB of various capacity having overload & short circuit protection and of 6 KA braking capacity complete with internal wiring earthing, neutral link, termination blocks, phase indicating lights alongwith 500V voltmeter.	1	Job	30-116 (a)	52,222.26	52,222
34	Extra for installing each number circuit breaker 6 Ampere on same distribution board and bus bar (For outgoing)	1	Job	30-116 (b)	3,621.00	3,621
35	Light Fixture Philips Type LED 13W,complete in all respect with allied accessories or approved equivalent. The fitting shall be approved by the Engineer. (FOR NCD-533)	10	Each	30-124 (a)	1,178.40	11,784
36	Supply ,Installing ,Connection of Single Pole Circuit Breaker 16 Ampere	2	Each	31-22 (a)	2,025.12	4,050
37	Supply ,Installing ,Connection of 3 Pole Circuit Breaker 63 Ampere	1	Each	31-22 (t)	4,995.36	4,995
38	Supply ,Installing ,Connection of Single Pole Circuit Breaker 10/ 16 Ampere	1	Each	31-22 (a)	2,025.12	2,025
39	Supply ,Installing ,Connection of 2 Pole Circuit Breaker 63 Ampere	1	Each	31-22 (n)	3,319.35	3,319
Total Schedule items in Rs.						703,982

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)
CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR
TUFF PAVEMENT
BILL OF QUANTITIES

BASED ON COMPOSITE SCHEDULE OF RATES 2023

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
	<u>TUFF PAVEMENT</u>								
1	Preparation and compaction upto 95% modified AASHTO of natural ground upto a depth of 8" (20mm) in ordinary soil. (S.I No. 21-10-a) Preparation and compaction	1	Area 5,000	-	-	5000.00	Sft		
					Total	5000.00	Sft	3.72	18,600
2	Supply and Fixing of Concrete pavers on 3" thick sand cushion of different designs having thickness of 80 mm, mechanically compressed, minimum strenght of 7000 psi after laboratory testing at factory and random testiing at site as and when desired by the Engineer inchange comple in all respects. (21- 92 -b) Concrete Pavers	1	Area 5,000	-	-	5,000.0	Sft		
					Total	5000.00	Sft	224.01	1120050
	TOTAL								1,138,650
	G-TOTAL								1,138,650

GAWADAR LASBELA LIVELIHOOD SUPPORT PROGRAM (GLLSP)
CONSTRUCTION OF THE SHUMALI BANDIN FISHERMEN COOPERATIVE SOCIETY AT CHUR
SOLAR INSTALLATION

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
	Solar Panels (580 Watt)	3				3.00	Each		
					Total	3.00	Each	31200.00	93,600
	(G.I Based Solar Stand)	11	1.00			11.00	Each		
					Total	11.00	Each	19500.00	214,500
	2.6 kW off Grid Hybrid inverter)	1	1.00			1.00	Each		
					Total	1.00	Each	119600.00	119,600
	(12v Tubular Batteries)	2	1.00			2.00	Each		
					Total	2.00	Each	338000.00	676,000
	DC Cable 6mm2 Single Core (DC Cable 6mm.sq)	2	1.00			2.00	Coil		
					Total	2.00	Coil	38870.00	77,740
7	COMPLETE INSTALLATION	1	1.00			1.00	Job		
					Total	1.00	Job	71760.00	71,760

TOTAL 1,253,200