



Islamic Republic of Afghanistan
Ministry of Interior Affairs
Central Prison Directorate



Appendix II: Bill of Quantity for the construction of Boundary wall ,Guard towers , Check point ,Guard house , Access road and chain link fencing of Kundoz provincial prison

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
1	Lot # 1	Mobilization , Demolition and Demobilization work					
2	DEMO -1	Pre construction works this item includes mobilization of staff ,equipment and other activity to establish site office .	LS	1.00			
3	DEMO -2	Demolition and disposal of the existing boundary wall including transportation with all required activities to complete the job	LS	1.00			
4	DEMO -3	Demobilization and site cleaning	ls	1.00			
5		Sub total for lot # 1					
6	Lot # 2	Construction of Boundary Wall					
7	LOT 2-1	Excavation of foundations with its all required activities as per attached technical drawings and technical specification	Cu.m	1328.58			
8	LOT 2-2	Layer of mixed (clay+ gravel) for bed of foundation as per specification with its all required activities	Cu.m	120.78			
9	LOT 2-3	95% Compaction of foundation by heavy duty roller with capacity of 10-15 ton standard with all required activities	Sq.m	1686.00			
10	LOT 2-4	Crushed aggregate with it is all required activities based on specification and Technical drawings	Cu.m	120.78			
11	LOT 2-5	PCC for foundation, concrete mark must be 100kg/cm2 with all required activities	Cu.m	120.78			
12	LOT 2-6	RCC Ring Beam Size (160x35)cm with Mark 200kg/cm2 with expansion joints as specified in the technical drawings with its all required activities	Cu.m	375.76			
13	LOT 2-7	RCC continues column Size (70x25)cm , Mark 200kg/cm2 as specified in the technical drawings with its all required activities	Cu.m	111.75			
14	LOT 2-8	Filling and compaction of both side of stone masonry wall based on attached technical drawings and specification with its all required activities	Cu.m	442.86			

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
15	LOT 2-9	Stone Masonry wall with 35% mortar of cement and sand, Ratio of mortar must be 1:4 (cement :Sand) with its all required activities	Cu.m	1992.51			
16	LOT 2-10	RCC ring beam Size (70x25)cm , Mark 200kg/cm2 as specified in the technical drawings with its all required activities	Cu.m	117.43			
17	LOT 2-11	Pointing of stone masonry wall both side, with mortar of cement and sand ratio of Mortar must be 1:3 with its all required activities	Sq.m	5423.00			
18	LOT 2-12	Continues RCC Cap above stone masonry wall with Mark 200kg/cm2 based on attached technical drawings and specification with its all required activities	Cu.m	60.39			
19	LOT 2-13	Supply and installation supports from Steel pipe dia 50mm for concertina wire according to the drawings and specification	No	223.67			
20	LOT 2-14	Supply and installation of concertina wire with dia 80cm as per specification	Roll	223.67			
21	LOT 2-15	Supply and installation of three row barbed wire with its all required activities as per attached drawings	L M	671.00			
22	LOT 2-16	Supply and installation of metallic heavy duty steel personal Gat with it all required accessories , complete job as per attached drawings and specification	No	2.00			
23	LOT 2-17	Supply and installation of metallic heavy duty steel Vehicle Gat with it is all required accessories complete job as per attached drawings and USACE specification, both option will be applicable Sliding gate or leave type	No	1.00			
24	LOT 2-18	Supply and installation of signboard made of White color marble stone as specified in the technical drawings	No	1.00			
25	LOT 2-19	Reinforced Cement Concrete, Mark 200 kg/cm2 with its all required activities for foundations of main entrance and personal gate	Cu.m	6.00			
26	LOT 2-20	Reinforced Cement Concrete, Mark 200 kg/cm2 with its all required activities for columns of main entrance and personal gate	Cu.m	10.00			
27	LOT 2-21	Reinforced Cement Concrete Mark of concrete , 200 kg/cm2 with its all required activities for Ring beams of main entrance and personal gate	Cu.m	1.60			
28	LOT 2-22	Brick masonry with 20% mortar of Cement and sand for main entrance and personal gate ratio of mortar must be 1:4	Cu.m	9.00			
29	LOT 2-23	Plastering with mortar of cement and sand both side of brick masonry wall and RCC with mortar of Cement and Sand ratio must be 1:4	Cu.m	26.00			
30	LOT 2-24	100% Plastic/washable paint of plaster with its all required activities	Sq.m	25.00			
31	LOT 2-25	Supply and installation of Gate drop Arm based on technical drawings and specification	No	1.00			

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
32	LOT 2-26	Leveling with 5 % slop and 95% compaction by heavy duty roller with capacity 15-20 ton for both side of boundary wall up to 1m as per drawings and specifications	Sq.M	1804.00			
33	LOT 2-27	Construction of drainage with stone masonry with 35% mortar of cement and sand for rain water with its all required activities around the boundary wall as per need of project site complete job including pack of bed of drainage	Lm	150.00			
34	LOT 2-28	Sub total for LOT # 2 for boundary wall					
35	Lot # 3	Construction of Reinforced Cement Concrete (RCC) Road (7m wide) with 1.2m wide sidewalks					
36	LOT 3 -1	Cutting, filling , leveling and grading of road and footpath area as specified in the site plan for access way , with its all required activities to complete the job	Sq.M	658.00			
37	LOT 3 -2	Compaction of road and footpath area by heavy duty roller with capacity of 18-25 ton with its all required activities to complete the job	Sq. M	658.00			
38	LOT 3 -3	Construction of sub base and base course layers including compaction of materials for road and footpath based on specifications	Sq. M	658.00			
39	LOT 3 -4	Reinforced Cement Concrete thickness 15cm (re bars dia=14 mm, 20 cm C/C, double mesh) , Mark 200kg/cm with its all required activities with 2.5% cross slop	Cu.m	98.70			
40	LOT 3 -5	Supply and installation of RCC curb for both side of footpath and Road with its all related activities according to the technical specification and requirement	L-S	1.00			
41	LOT 3 -6	Supply and installation of Metallic signboard as per instruction of project manager	No	2.00			
42	LOT 3 -7	Supply and installation of turnstile model HS427-S with its all required activities, complete job	No	2.00			
43	LOT 3 -8	Sub total for LOT # 3 sub total road and side walks					
44	Lot # 4	Supply and installation of Chain link Fencing for entrance (Men and Women)					
45	LOT 4 -1	Excavation of foundation for GI poles with its all related activities according to the submitted drawings	Cu.m	7.00			
46	LOT 4 -2	Supply and installation of GI pipe with dia 3 inch at 3m C/C and based on drawings and specification	No	45.00			
47	LOT 4 -3	Plain Cement Concrete mark 150kg/cm2 with its all related activities for GI poles	Cu.m	3.50			
48	LOT 4 -4	Supply and installation of chain link fabric according to the technical specification, complete job	Sq.M	297.00			
49	LOT 4 -5	Supply and installation of privacy cover (tan in color) with its all related activities according to the submitted technical drawings	Sq.M	297.00			

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
50	LOT 4 -6	Supply and installation of top tension wire with its all related activities according to the submitted technical drawings	L M	135.00			
51	LOT 4 -7	Supply and installation of Truss rod with its all related activities according to the technical specification and drawings	L M	405.00			
52	LOT 4 -8	Supply installation of steel barbed wire three line based on technical drawings with its all related activities complete job	LM	405.00			
53	LOT 4 -9	Supply and installation of metallic L shape brace rail with its all related activities according to the submitted drawings as per need it	L S	1.00			
54	LOT 4 -11	Sub total for LOT # 4 for chain link fencing					
55	Lot # 5	Construction work Guard tower					
56	LOT 5 C -1	Excavation of foundations. The work under this item shall consist of setting out true lines to all foundations for structures, performing the excavation to the required levels	Cu.m	13.00			
57	LOT 5 C -2	filling with compacted soil of floor according to the plans with specified earth materials complete job	Cum	2.00			
58	LOT 5 C -3	Plain cement concrete (PCC) of 3000 PSI This concrete should be used in the inside of the Guard Tower. The fill material shall be compacted and leveled as per drawings and Specifications	Cu.m	2.00			
59	LOT 5 C -4	Supply and installation of wall and floor tile with other required accessories as per technical drawings and specification	LS	1.00			
60	LOT 5 C -5	Supply and installation of steel Doors and windows with installation of accessories including glass 4mm , one coat primer with three coat oil painting with all required activities to complete the job as per specification	Sq.m	13.00			
61	LOT 5 C -6	Brick masonry with 20% of mortar of cement and sand .Bricks shall comply with requirements of first class bricks. bricks masonry shall be done by 1:4 ratio of cement mortar, with 140kg/cm2 compression strength and the size of bricks (22x11x6)cm .	Cu.m	14.00			
62	LOT 5 C -7	RCC concrete (1:1.5:3) foundation with shuttering and steel (grade 60), cement, (375kg per m3) clean coarse sand and crushed gravel ≤32mm mixing the aggregate, placing and form works, curing at least for 14-18 days and cold climate 28 days with its all required activities complete job	Cu.m	20.60			
63	LOT 5 C -8	Roofing (supply and installation of Galvanized Iron sheet (Russian Gage=24) and frame work (wooden trusses) wooden plate with proper drainage, gutter and heating insulation based in the design and requirements.	Sq.m	36.00			

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
64	LOT 5 C -9	Plaster of walls (interior and exterior) and ceiling with mortar (1:4), 6mm to 10mm thick . Material shall be explained as below, 1) cement should be the ordinary Portland, 2) sand should be washed carefully and shall be screened by a mesh wire netting sieve and before the plaster work the RCC surface should be roughened by one of the suitable hand tools and then full watered after that plaster should be started	Sq.m	200.00			
65	LOT 5 C -10	Supply and installation of Steel ladder with its all required activities complete job as per USACE standard	N0	1.00			
66	LOT 5 C -11	Plastic painting of walls (interior and exterior) , ceiling . 3 coats with primer based on the design specification with all required activities.	Cu.m	200.00			
67	LOT 5 C -12	Installation of galvanized mesh around the guard tower in three section	L S	1.00			
68	LOT 5- H	Heating System					
69	LOT 5 H -1	Supply and installation of Wall mount forced air heaters - Regular duty 2KW Turkey with its all required activities	Pcg	1.00			
70	LOT 5 H -2	Supply and installation of Wall mounting Bracket WB210 for 2KW Heater forced air heaters - Regular duty 2KW Turkey with its all required activities	Pcg	1.00			
71	LOT 5- E	Electrical System					
72	LOT 5 E -1	Supply and installation of Fluorescent Lamp code-1600-1236AL-(2x36)W best quality with its all required activities	Set	2.00			
73	LOT 5 E -3	Supply and installation of Incandescent Lamp 1(1x60)w Over the mirror with shade circular shade (250)mli best quality with its all required activities	Set	3.00			
74	LOT 5 E -4	Supply and installation of One pole switch under plaster best quality with it is all required activities complete job	Pcg	3.00			
75	LOT 5 E -5	Supply and installation of Two pole switch under plaster best quality with its all required activities	Pcg	4.00			
76	LOT 5 E -6	Supply and installation of Single phase socket under plaster APT. 803-16A-250v-IEC60884-1 best quality with its all required activities complete job	Pcg	4.00			
77	LOT 5 E -7	Supply and installation of Auto Switch single Phase (10)A best quality with it is all required activities	Pcg	2.00			
78	LOT 5 E -8	Supply and installation of Auto Switch (circuit breaker) single Phase (16)A best quality with it is all required activities	Pcg	5.00			
79	LOT 5 E -9	Supply and installation of Auto Switch (Circuit breaker)Three Phase (40)A with it is all required activities	Pcg	1.00			
80	LOT 5 E -10	Supply and installation of Wall Fan-(55)w	Pcg	1.00			
81	LOT 5 E -11	Supply and installation of Panel Distribution board 24 Module (47x38x11)cm best quality with its all required activities	Set	1.00			
82	LOT 5 E -12	Supply and installation of junction Box with it is all required activities	Pcg	10.00			

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
83	LOT 5 E -13	Supply and installation of Copper Wire HO7V 3(1x1.5)mm2 with it is all required activities	LM	75.00			
84	LOT 5 E -14	Supply and installation of Copper Wire HO7V 4(1x2.5)mm2 with it is all required activities	LM	60.00			
85	LOT 5 E -15	Supply and installation of Copper cable CYKY 1(3x4)mm2 with it is all required activities complete job	LM	8.00			
86	LOT 5 E -17	Projector 1(1x400)W best quality with it is all required activities complete job	Pcg	4.00			
87	LOT 5 E -18	Supply and installation of PVC Pipe (1,3/4, 1/2)inch best quality with it is all required activities	LM	63.00			
88	LOT 5 E -19	Supply and installation of Elbow (1,3/4, 1/2)inch	pcg	15.00			
89	LOT 5 E -20	Terminal box best quality with its all required activities complete job	pcg	4.00			
90	LOT 5 E -21	P.M. pipe with different diameter with it is all required activities	meter	40.00			
91	LOT 5 E -22	elbow(1,1.5)inch	pcg	8.00			
92	LOT 5 E -23	Grounding system with its all required accessories complete job	L-S	1.00			
93	LOT 5 - P	Plumbing System					
94	LOT 5 P-1	Supply and installation of water & Sewer supply system including all required sanitary fixtures, for water supply system shall be use PPR Turkish Pipe, for Sewer supply pipe shall be use PVC schedule 60 complete job	L-S	1.00			
95	LOT 5 P-2	Sub total for LOT # 5 (Guard towers)X 4	4				
96	Lot # 6	Construction Check Point					
97		Construction					
98	LOT 6 C-1	Excavation of foundations. The work under this item shall consist of setting out true lines to all foundations for structures, performing the excavation to the required levels	Cu.m	25.00			
99	LOT 6 C-2	filling with compacted soil of floor according to the plans with specified earth materials complete job	Sq.m	12.60			
100	LOT 6 C-3	Plain cement concrete (PCC) of 3000 PSI This concrete should be used in the inside of the Guard Tower. The fill material shall be compacted and leveled as per drawings and Specifications	Cu.m	5.40			
101	LOT 6 C-4	Supply and installation of steel Doors and windows with installation of accessories including glass 4mm , one coat primer with three coat oil painting with all required activities to complete the job as per specification	Sq.m	24.69			
102	LOT 6 C-5	Brick masonry with 20% of mortar of cement and sand .Bricks shall comply with requirements of first class bricks. bricks masonry shall be done by 1:4 ratio of cement mortar, with 140kg/cm2 compression strength and the size of bricks (22x11x6)cm .	Cu.m	19.92			

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
103	LOT 6 C-6	RCC concrete (1:1.5:3) foundation, Ring beam . columns with shuttering and steel bar best quality of steel, cement, (375kg per m3) clean coarse sand and crushed gravel ≤32mm mixing the aggregate, placing and form works, curing at least for 14-18 days and cold climate 28 days , with it is all required activities complete job	Cu.m	45.00			
104	LOT 6 C-7	Roofing (supply and installation of Galvanized Iron sheet (Russian gage=24) and frame work (wooden trusses) wooden plate with drainage, gutter and heating insulation based in the design and requirements. Complete job	Sq.m	80.00			
105	LOT 6 C-8	Supply and installation of floor and Wall ceramic tiles (0.20x0.20)m based on the design and drawing and specification with mortar M350 and all required activities to complete the job	Sq.m	12.08			
106	LOT 6 C-9	Plaster of walls and ceiling (exterior and interior) with 1:4 this item shall be consist of providing 6mm to 10mm thick 1:4 material shall be explained as below, 1) cement should be the ordinary Portland, 2) sand should be washed carefully and shall be screened by a mesh wire netting sieve and before the plaster work the RCC surface should be roughened by one of the suitable hand tools and then full watered after that plaster should be started	Sq.m	365.00			
107	LOT 6 C-10	100% Plastic washable painting of walls , ceiling (exterior and interior) paint coats based on the design specification with all required activities.	Sq.m	365.00			
108	LOT 6 - H	Heating system					
109	LOT 6 - H1	Supply and installation of Wall mount forced air heaters - Regular Turkey duty 2KW with it is all required activities complete job	Pcg	5.00			
110	LOT 6 - H2	Supply and installation of Wall mounting Bracket WB210 for 2KW Heater forced air heaters - Regular Turkey duty 2KW with it is all required activities complete job	Pcg	5.00			
111	LOT 6 - P	Plumbing System					
112	LOT 6 - P1	Supply and installation of water & Sewer supply system including all required sanitary fixtures, for water supply system shall be use PPR Turkish Pipe, for Sewer supply pipe shall be use PVC schedule 60 complete job	L-S	1.00			
113	LOT 6 - E	Electrical System					
114	LOT 6 - E1	Supply and installation of Florescent Lamp code-1600-1418AL-(4*18)W best quality with its all required activities	Set	10.00			
115	LOT 6 - E2	Supply and installation of Incandescent Ceiling Lamp 1(1x60)w with circular shade (300)mli with its all required activities	Set	1.00			
116	LOT 6 - E3	Supply and installation of Incandescent Lamp 1(1x60)w Over the mirror with shade circular shade (250)mli	Set	1.00			
117	LOT 6 - E4	Supply and installation of One pole switch under plaster with it is all required activities	Pcg	5.00			

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
118	LOT 6 - E5	Supply and installation of Two pole switch under plaster with it is all required activities	Pcg	2.00			
119	LOT 6 - E6	Supply and installation of Single phase socket under plaster APT. 803-16A-250v-IEC60884-1 with it is all required activities	Pcg	11.00			
120	LOT 6 - E7	Supply and installation of Auto Switch(circuit breaker) single Phase (16)A with it is all required activities	Pcg	1.00			
121	LOT 6 - E8	Supply and installation of Auto Switch single Phase (20)A circuit breaker with it is all required activities	Pcg	8.00			
122	LOT 6 - E9	Supply and installation of Auto Switch Three Phase (40)A circuit breaker with it is all required activities	Pcg	1.00			
123	LOT 6 - E10	Supply and installation of Wall Fan-(55)w best quality with it is all required activities	Pcg	3.00			
124	LOT 6 - E11	Supply and installation of Panel Distribution board 24 Module (47x38x11)cm best quality with its all required activities	Set	1.00			
125	LOT 6 - E12	Supply and installation of junction Box with it is all required activities	Pcg	15.00			
126	LOT 6 - E13	Supply and installation of Copper Wire HO7V 3(1x1.5)mm2 with it is all required activities	LM	250.00			
127	LOT 6 - E14	Supply and installation of Copper Wire HO7V 3(1x2.5)mm2 with it is all required activities	LM	45.00			
128	LOT 6 - E15	Supply and installation of Copper cable CYKY 1(3x4)mm2 with it is all required activities	LM	200.00			
129	LOT 6 - E16	Supply and installation of Copper cable CYKY 1(5x4)mm2 with it is all required activities	LM	20.00			
130	LOT 6 - E17	Supply and installation of Copper cable CYKY 1(5x10)mm2 with it is all required activities	LM	50.00			
131	LOT 6 - E18	Supply and installation of PVC Pipe (1,3/4, 1/2)inch best quality with it is all required activities	LM	350.00			
132	LOT 6 - E19	Supply and installation of Elbow(1, 3/4, 1/2)1nch with it is all required activities	LM	25.00			
133	LOT 6 - E20	Supply and installation of Terminal Box with it is all required activities	Pcg	5.00			
134	LOT 6 - E21	Supply and installation of PVC Pipe (1, 1.5)inch with it is all required activities	LM	50.00			
135	LOT 6 - E22	Supply and installation of Elbow(1, 1.5)1nch with it is all required activities	Pcg	15.00			
136	LOT 6 - E23	Grounding system based on NEC with it is all required activities	LS	1.00			
137	LOT 6 - E24	Sub total for LOT # 6 (Check point)					

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
138	Lot # 7	Construction of Guard house					
139	LOT7 - C1	Excavation of foundations . The work under this item shall consist of setting out true lines to all foundations for structures, performing the excavation to the required levels	Cu.m	9.00			
140	LOT7 - C2	Back filling of floor and pathways. The work covered by this item shall consist of filling of any places or area to make up levels, according to the plans with specified earth materials	Sq.m	24.00			
141	LOT7 - C3	Plain cement concrete (PCC) of 3000PSI This concrete should be used in the inside of the Guard Tower. Before this type of concrete is installed, the fill material shall be compacted and smooth. 1) cement should be ordinary Portland, 2) sand should be washed carefully	Cu.m	2.00			
142	LOT7 - C4	Supply and installation of steel Doors and windows with installation of accessories based and glass 4mm and one coast primer with three coat oil painting with all required.	Sq.m	9.00			
143	LOT7 - C5	The work covered by this item shall consist of supplying and laying burnt bricks on the top of the super Grade beam. Bricks shall comply with requirements of first class bricks. The burnt bricks masonry shall be done by 1:4 ration of cement mortar. the bricks which used construction should have 140kb/cm2 compression strength and the size of bricks (22x11x6)cm and the thickness of wall 35cm	Cu.m	9.00			
144	LOT7 - C6	RCC concrete (1:1.5:3) foundation with shuttering and steel bar best quality of steel, cement, (375kg per m3) clean coarse sand and crushed gravel ≤32mm mixing the aggregate, placing and form works, curing at least for 14-18 days and cold climate 28 days	Cu.m	15.00			
145	LOT7 - C7	Roofing (supply and installation of Galvanized Iron sheet (Russian gage=24) and frame work (wooden trusses) wooden plate with drainage, gutter and heating insulation based in the design and requirements.	Sq.m	23.00			
146	LOT7 - C8	Plaster of walls and ceiling with 1:4 this item shall be consist of providing 6mm to 10mm thick 1:4 material shall be explained as below, 1) cement should be the ordinary Portland, 2) sand should be washed carefully and shall be screened by a mesh wire netting sieve and before the plaster work the RCC surface should be roughened by one of the suitable hand tools and then full watered after that plaster should be started	Sq.m	102.00			
147	LOT7 - C9	Plastic painting of walls , ceiling paint coats based on the design specification with all required activities.	Cu.m	102.00			
148	LOT7 - C10	Supply and installation of Armory lockable cabinet as per attached technical drawings complete job	unit	1.00			
149	LOT7 - H	Heating system					

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
150	LOT 7 - H1	Supply and installation of Wall mount forced air heaters - Regular Turkey duty 2KW with it is all required activities complete job	Pcg	1.00			
151	LOT 7- H2	Supply and installation of Wall mounting Bracket WB210 for 2KW Heater forced air heaters - Regular Turkey duty 2KW with it is all required activities complete job	Pcg	1.00			
152	LOT 7- E	Electrical System					
153	LOT 7 - E1	Supply and installation of Fluorescent Lamp code-1600-1236AL-(2x36)W with it is all required activities	Set	2.00			
154	LOT 7 - E2	Supply and installation of One pole switch under plaster best quality with it is all required activities complete job	Pcg	1.00			
155	LOT 7 - E3	Supply and installation of Single phase socket under plaster APT. 803-16A-250v-IEC60884-1 best quality with it is all required activities	Pcg	4.00			
156	LOT 7 - E4	Supply and installation of Auto Switch circuit breaker single Phase (16)A with it is all required activities	Pcg	1.00			
157	LOT 7 - E5	Supply and installation of Auto Switch circuit breaker single Phase (20)A with it is all required activities	Pcg	1.00			
158	LOT 7 - E6	Supply and installation of Auto Switch circuit breaker Three Phase (30)A with it is all required activities	Pcg	1.00			
159	LOT 7 - E7	Supply and installation of Wall Fan-(55)w best quality with it is all required activities	Pcg	1.00			
160	LOT 7 - E8	Supply and installation of Panel Distribution board 24 Module (47x38x11)cm	Set	1.00			
161	LOT 7 - E9	Supply and installation of junction Box with it is all required activities	Pcg	10.00			
162	LOT 7 - E10	Supply and installation of Copper Wire HO7V 3(1x2.5)mm2 with it is all required activities	LM	70.00			
163	LOT 7 - E11	Supply and installation of Copper Wire HO7V 4(1x2.5)mm2 with it is all required activities	LM	50.00			
164	LOT 7 - E12	Supply and installation of Copper cable CYKY 1(3x4)mm2 with it is all required activities connected to the main electric panel board	LM	35.00			
165	LOT 7 - E13	Supply and installation of Copper cable CYKY 1(5x10)mm2 connected to the Main panel board with it is all required activities	LM	40.00			
166	LOT 7 - E14	Supply and installation of PVC Pipe (1,3/4, 1/2)inch best quality with it is all required activities	LM	11.00			
167	LOT 7 - E15	Supply and installation of Elbow(1, 3/4, 1/2)1nch with it is all required activities	LM	11.00			
168	LOT 7 - E16	Grounding system based on NEC with it is all required activities	LS	1.00			

S#	Code #	Description	Unit	QTTY	Unit cost in Afs	Total cost in Afs	Remarks
169	LOT 5 - P	Plumbing System					
170	LOT 5 - P-1	Supply and installation of water & Sewer supply system including all required sanitary fixtures, for water supply system shall be use PPR Turkish Pipe, for Sewer	L-S	1.00			
171	LOT 7 - E17	Sub total for LOT # 7 (Guard house)					
172	Lot # 8	Electronic equipment's and devices for security upgrading					
173	LOT 8 - E1	Supply and installation of LCD walkthrough metal detector Model (JH-5B) complete set with its all required activities	unit	1.00			
174	LOT 8 - E2	Supply and installation of hand Super Scanner GARRET (Metal detector) Model 1165180	unit	1.00			
175	LOT 8 - E2	Supply and installation of load speaker with its all required accessories Acoustical lens: diffracts sound over wider angle (better for people close to the speakers)	unit	1.00			
176	LOT 8 - E3	Sub total for LOT # 8 (Electronic devices for security upgrading)					
177		Grant total for lot 1,2,3,4,5,6,7&8					

NOTE:

1- All material which are described in BoQ must be best quality

2- All described items Shall be Applicable for submittal & Approval

4- If, in the Contractor opinion, The BoQ contains ambiguities or BoQ does not comply with the drawings which might influence the calculations, the contractor shall indicate this to LOTFA through a letter or email before submitting the Offer.