

PREVENTIVI I PUNIMEVE BILL OF QUANTITY

Projekti: Përmirësimi i Sigurisë Fizike të Ministrisë së Brendshme (MM) Armët e Lehta të Armëve të Vogla (SALW) dhe Magazinimit të Municionit, Qendra kryesore e furnizimit "Mullet" pranë Tiranës

Project : Upgrading of physical security of the Ministry of Interior (Moi) Small Arms Light Weapons (SALW) and ammunition storage, location Main Supply Centre "Mullet" near Tirana

Nr.	Nr. Manualit Price breakdown n No.	Emertimi i punimeve Works Description	Njesia Unit	Sasia Quantity	Cmimi Price	Shuma Amount
A		PUNIME NDERTIMORE, CONSTRUCTION WORKS				
A-1.1	Analize	Prishje Suvatimi ekzistues + evadim mbeturinash 5km	m2	1160		
		Demolishing of Existing plastering + waste disposal 5km				
A-1.2	Analize	Cmontim linjash elektrike (ekzistuese)	ls	2		
		Disconnection of Electric Lines (Existing)				
A-1.3	Analize	Cmontim Porte metalike (kater kanate)	m2	24		
		Metal demolition (four foldings)				
A-1.4	Analize	Pastrim siperfaqeje betoni (me kompresor)	m2	1160		
		Concrete Surface Cleaning (with Compressor)				
A-1.5	2.295	F.V. Rrjete teli + suvatim tavani	m2	530		
		F.V. Metalic mesh + plastering of ceiling				
A-1.6	2.300	Suvatim muresh h~4m me drejtues me krah	m2	630		
		Hand Wall plastering h~ 4m				
A-1.7	2.262	Shtrese niveluese betoni C 6/10	m3	18		
		levelling Concrete layer C 6/10				
A-1.8	3.245/1	Shtrese Betoni C25/30 t=8cm	m3	38		
		Concrete layer C25 / 30 thicknes = 8cm				
A-1.9	2.166	F.V. Zgare hekuri periodik D=8mm 15x15cm	ton	3		
		Suply and install steel mesh dia = 8mm 15x15cm				
A-1.10	analize	F.V. Kendore	ml	30		
		Suply and install helix				
A-1.11	2.404	Lyerje me Boje hidromat (e bardhe)	m2	1160		

		Hydrating Paint (White)				
A-1.12	Analize	F.V. Porte metalike (kater kanate) (pershi mentesha + shula + brave)	m2	49		
		Suply and install Metal doors (four folding) (including hooks, shades and locks)				
A-1.13	2.401	Lyerje me boje antiruxhio + boje vaji	m2	98		
		Anti-rust+ oil paint				
A-1.14	Analize	F.V. Shrese lluster llac cemento 3-5cm	m2	44		
		Suply and install luster cement mortar				
A-1.15	2.197	Hidroizolim me emulsion bitumi dhe 2 shtrese k.katrama	m2	32		
		Waterproofing with bitumen emulsion, 2 coats				
		Shuma A, Amount A				
E		PUNIME ELEKTRIKE, ELECTRICAL WORKS				
E-1		SISTEMI I PANELEVE DHE KUADROVE ELEKTRIKE				
		ELECTRICAL FACILITIES AND SWICH BOARDS				
E-1.1	analize	F.V Panel Elektrik Kryesor Tunelit (P.E.K.T) - Me automat kryesor , tip MCB, In=25A, lcc=10kA, 3~ 400V/ 50Hz, - Me analizator digital te parametrave te rrjetit me dalje; - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - Hyrjet dhe daljet e kablove jane nga LART; - Panel klemash per lidhjen e te gjithë kablove hyres & dales; - Shkalla e mbrojtjes: tip metalik, IK 08, IP 65; - (sipas skemes qe jepet ne projekt).	komplet	1		
		Supply and install Electric Main Panel of the Tunnel (P.E.K.T) - With main drive, MCB type, In = 25A, lcc = 10kA, 3 ~ 400V / 50Hz, - With digital analyzer of output grid parameters; - With overload relay 3 ~ 400V / 50Hz; - Inputs and outputs of cables are from LART; - Sleeve panel for connecting all input & output cables Protection degree: metal typep, IK 08, IP 65; - (according to the scheme given in the design).				
		Shuma E 1, Amount E 1				
E-2		SISTEMI I NDRICIMIT NORMAL DHE EMERGJENCES				
		LIGHTING AND EMERGENCY SYSTEM				
E-2.1	analize	F.V Modul celesi komandimi i thjeshte 1polar, 230V, 16A	copë	2		
		Suply and install Simple control module 1 polar, 230V, 16A				
E-2.2	analize	F.V Modul celesi komandimi deviat, 230V, 16A	copë	9		

		Supply and install Command switch module deviat, 230V, 16A				
E-2.3	analize	F.V Rele muzgu per komandimin e ndricimit te jashtem	copë	1		
		Supply and install twilight for outdoor lighting control				
E-2.4	analize	F.V Kuti 3-module,me kapak IP55 montuar jashte murit	copë	4		
		Supply and install 3-module box with IP55 cap mounted out of the wall				
E-2.5	analize	F.V Kuti shperndarese metalike, tip metalike me kapak IP 65	copë	30		
		Supply and install Metallic dispensing box, metal type with IP 65 cap				
E-2.6	analize	F.V Tub anti zjarr metalik, fleksibel, per instalime jashte murit d.20 I kompletuar me te gjithë aksesoret metalike (kthesa, Ti, bashkuaese aksesore, klemëri)	ml	170		
		Supply and install flexible fire protected for wall mounted wiring d.20 Complete with all metal accessories (curves, Ti, accessory, clamp)				
E-2.7	analize	F.V Tub anti zjarr metalik, fleksibel, per instalime jashte murit d.25 I kompletuar me te gjithë aksesoret metalike (kthesa, Ti, bashkuaese aksesore, klemëri)	ml	320		
		Supply and install flexible fire protected for wall mounted wiring d.25 Complete with all metal accessories (curves, Ti, accessory, clamp)				
		Shuma E 2, Amount E 2				
E-3		RRJETI I KABLOVE ELEKTRIKE TE FUQISE				
		ELECTRICITY CABLE NETWORK				
E-3.1	analize	F.V Kablo bakri TU multipolar, Un=0,6/1 KV; tip FG16OR16; S=4x6mm ²	ml	50		
		Supply and install opper cable TU multipolar, Un = 0.6 / 1 KV; type FG16OR16; S = 4x6mm ²				
E-3.2	analize	F.V Kablo bakri TU multipolar, Un=0,6/1 KV; tip FG7(O)M1; S=3x1.5mm ²	ml	360		
		Supply and install Copper cable TU multipolar, Un = 0.6 / 1 KV; type FG7 (O) M1; S = 3x1.5mm ²				
E-3.3	analize	F.V Kablo FTG10(O)M1, S=3x1.5mm ² , me rezistence ndaj zjarrit deri 3ore, per linjat e ndricuesve te emergjencave Exit	ml	180		
		Supply and install Cable FTG10 (O) M1, S = 3x1.5mm ² , with fire resistance up to 3 hours, for emergency lighting lines Exit				
		Shuma E 3, Amount E 3				

E-4		VENDOSJE PAJISJE ELEKTRIKE				
		INSTALLING ELECTRICAL EQUIPMENT				
E-4.1	analize	FV Ndriçues industrial LED 43W, L=1.2m, IP65, 4000K, me difuzor opal, i montuar në sipërfaqe të tavanit	copë	20		
		Supply and install Industrial LED luminaire 43W, L = 1.2m, IP65, 4000K, opal diffuser, mounted on the surface of the ceiling				
E-4.3	analize	FV Ndriçues Emergjence me mbishkrimin Exit nga te dy anet per dergim dalje, me set bateri te integruar, seria SA, 11W, IP55 me autonomi 3ore	copë	4		
		Supply and install Emergency signs with Exit Signals for both sides, with Integrated Battery Set, SA Series, 11W, IP55 with 3-hours Autonomy				
E-4.4	analize	FV Ndriçues Emergjence me mbishkrimin Exit me drejtim "Majtas-Djathtas", me set bateri te integruar, seria SA, 11W, IP55 me autonomi 3ore	copë	3		
		Supply and install Emergency Light with "Left and Right" Exit, with Integrated Battery Set, SA Series, 11W, IP55 with 3 hours autonomy				
		Shuma E 4, Amount E 4				
		Shuma E, Amount E				
		SHUMA - SUM (A+E)	ALL			
		FONDI REZERVE 5% - RESERVE FUND 5%	ALL			
		SHUMA - AMOUNT WITH RESERVE FUND	ALL			
		T.V.SH. 20% - V.A.T. 20%	ALL			
		SHUMA TOTALE, TOTAL AMOUNT	ALL			