

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
A.PUNIME NDERTIMORE						
<i>CIVIL WORKS</i>						
I. Ngritje Kantieri						
1		<i>Mobilization</i>				
		Ngritja e kantierit pefshin gjithë pergatitjet e nevojshme per fillimin e punes ne kantier, si rrthimin e kantierit, lidhjen e perkohshme me energji dhe furnizim me uje ,pastrime dherash, premje pemesh,vendosjen e zyrave per kontraktorin ,zyre te vecante per supervizorin, tualete , tabelat ,banerat etj.Per me teper referoju specifikime teknike.	L/s	1		-
		<i>The mobilization of the construction site includes all the necessary preparations for the start of works on the construction site, such as the construction site, the temporary connection to electricity and water supply, the establishment of offices for the contractor, a separate office for supervisors, toilets, etc. signs, banners, etc., for more refer to technical specifications.</i>				
		Shuma 1				-
		Sum 1				
II. Punime Gërmimi						
<i>Excavation works</i>						
1		Germim dheu me krah e transport me k dore 10 m, kategoria III	m3	52		-
		<i>Excavation of soil by hand and transport by wheelbarrow 10 m, category III</i>				
2		Hedhje,rrafshim,mbushje dheu me krah, kategoria III	m3	152		-
		<i>Throwing, flattening, soil filling by hand, category III</i>				
3		Germim e mbushje dheu me krah kategoria III per themele, h = 1.5m	m3	120.8		-
		<i>Excavation and soil filling by hand category III for foundations, h = 1.5m</i>				
4		Germim themele e plinta b>2m, ekskavator me goma, kova 0.25m3 shkarkim toke	m3	6565		-
		<i>Excavation foundations b> 2m, Excavator with tires, buckets 0.25m3 download in site</i>				
5		Transport materiale ndertimi, dheu me auto deri 6.0 km	m2	2420		-
		<i>Transport of construction materials, soil with auto up to 6.0 km</i>				
		Shuma 2				-
		Sum 2				
III. Punime Murature						
<i>Masonry works</i>						
1		Mur me tulle me 8 vrima, t=20cm, h~3m, llaç perzier M15 (t=20cm)	m3	367.5		-
		<i>Brick wall with 8 holes, t = 20cm, h ~ 3m, mixed mortar M15 (t = 20cm)</i>				

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2		Mur me tulle te lehtesuara dopio deri 8m me llaç perzier M15 (t=25cm) (muri perimetral)	m3	246		-
		<i>Wall with double lightened brick up to 8m with mortar mixed M15 (t = 25cm)</i>				
3		Mur me tulle me 6 vrime, h~3m, llaç perzier M15 (t=12 cm)	m3	35.5		-
		<i>Brick wall with 6 holes, t = 12cm, h ~ 3m, mixed mortar M15 (t = 12 cm)</i>				
		Shuma 3				-
		Sum 3				
		IV. Punime Betoni dhe B/a e hekuri				
		<i>Reinforced concrete works</i>				
1		Shtrese betoni C 16/20	m3	189		-
		<i>Concrete C 16/20 for the layers</i>				
2		Pllake themeli, trare e bazamente b/a C 30/37	m3	442		-
		<i>Foundation slabs, beams / reinforced concrete C 30/37</i>				
3		Kollona b/a monolite dhe mure C 30/37 h ~ 4m	m3	565		-
		<i>Monolithic reinforced concrete columns and walls C 30/37 h ~ 4m</i>				
4		Trare e arkitrare b/a C30/37 h ~ 4m	m3	272		-
		<i>Beam and lintel reinforced concrete clase C 30/37 h ~ 4m</i>				
5		Soleta te plota b/a C 30/37 monolite	m3	706		-
		<i>Monolithic slabs reinforced concrete clase C 30/37</i>				
6		Beton C 30/37 shkallë+ pandus	m3	17.5		-
		<i>Concrete C 30/37 stairs + pandus</i>				
7		F V hekur betoni periodik	ton	251.3		-
		<i>F V periodic steel</i>				
8		Nenshtrese zhavori	m3	2215		-
		<i>Gravel sublayer</i>				
		Shuma 4				-
		Sum 4				
		V. Punime tarace				
		<i>Flat roof works</i>				
1		Suva brenda mur tulle h~4m me krah, llaç perzier M 25 (parapeti)	m2	300		-
		<i>Plaster inside brick wall h ~ 4m with arm, mixed mortar M 25 (parapet)</i>				
2		Hidroizolim me emulsion bitumi	m2	861		-
		<i>Bitumen emulsion waterproofing</i>				
3		Veshje kornize llamarine xingat 0.5mm	m2	360		-
		<i>Dressing metal sheeting 0.5mm</i>				
4		Kasete shkarkimi me llamarine xingat	cope	6		-
		<i>Discharge tape with xingat sheet metal</i>				
5		Ulluk shkarkimi vertikal me llamarine xingat Ø 100 mm	ml	48		-
		<i>Vertical downpipes</i>				
6		Ulluk shkarkimi horizontal me llamarine xingat 33 cm	ml	158		-
		<i>Horizontal downpipes</i>				
7		Mbulim çatie me panele sandwich + veshje e shkalles metalike	m2	1298		-

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		<i>Roofing with sandwich panels + metal staircase cladding</i>				
		Shuma 5				-
		Sum 5				
		VI. Punime shtresash <i>Floor Layer works</i>				
1		Beton per nivelim h= 7-10cm <i>Lean Concrete for leveling h = 7 - 10 cm</i>	m3	198		-
2		Hidroizolim me emulsion dhe dy duar k.k. t=4mm <i>Emulsion waterproofing and two bitumen hands t = 4mm</i>	m2	263.12		-
3		Shtrese me pllaka grez porcelanat 40 x 40 cm Monoculture, Uje thithja < 0.2 %,moduli I thyerjes s>1300N,rezistenca ne perkulje R>35N/mm2 (Rezistenca termike, rezistenca kimike, delitacioni duhet te jene konform ISO 10545)	m2	2738		-
		<i>Layer with grez-porcelain tiles 40 x 40 cm Monoculture, Water absorption <0.2%, fracture modulus s> 1300N, flexural strength R> 35N / mm2 (Thermal resistance, chemical resistance, shrinkage must be in accordance with ISO 10545)</i>				
4		Plintuse grez importi, h = 10 cm <i>Grez imported skirtings, h=10cm</i>	ml	1980.8		-
5		Shkalle montazhi mermeri <i>Marble mounting ladder</i>	m2	66.44		-
6		Shtrese me pllaka majolike 25x40 (50) cm , Uje thithja < 10 %,rezistenca ne perkulje R>15N/mm2 (Rezistenca termike, rezistenca kimike, delitacioni duhet te jene konform ISO 10545)	m2	855.6		-
		<i>Layer with majolica tiles 25x40 (50) cm, Water absorption <10%, flexural strength R> 15N / mm2 (Thermal resistance, chemical resistance, Shrinkage must be in accordance with ISO 10545)</i>				
		Shuma 6				-
		Sum 6				
		VII. Punime suvatimi e bojatisjeje të brendëshme <i>Inside plastering and painting works</i>				
1		Suva brenda mur tulle h~4m me krah, llaç perzier M 25 <i>Inside plaster of the brick wall h~4m, mixed mortar M25</i>	m2	7644		-
2		Boje hidroplastike importi cilesi e I-re <i>Imported hydro plastic paint first quality</i>	m2	7644		-
3		Tavan me kartonxhes,Trashësi pllake 12,5 mm,Aftësia e transmetim:it të nxehtësisë : λ W/(m·K) 0,23,Masa e tkurrjes dhe bymimit per 1 % i ndryshimit të lagëshisë relative:0,005 - 0,008 mm/m, Fortësia karakteristike në përkulje fm,k : Paralel me drejtimin gjatësor:≥ 6,5N/mm²,- Pingul me drejtimin gjatësor:≥ 2,0N/mm²,Gjithe sistemet e fiksimit duhet te jene galvanizato .	m2	2517		-

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		<i>Cardboard ceiling, Tile thickness 12.5 mm, Heat transfer capacity: $\lambda W / (m \cdot K)$ 0,23, Shrinkage and swelling rate per 1% of relative humidity change: 0,005 - 0,008 mm / m, Characteristic flexural strength f_m, k: Parallel to the longitudinal direction: $\geq 6.5N / mm^2$, - Perpendicular to the longitudinal direction: $\geq 2.0N / mm^2$</i>				
4		<i>Patinim muri me stuko Akrilike</i>	m2	1289.2		-
		<i>Wall painting with Acrylic putty</i>				
		Shuma 7				-
		Sum 7				
		VIII. Punime dyersh e dritaresh				
		<i>Doors and window works</i>				
1		<i>Dritare d/aluminidopi xham, me xham termik dhe argon, koeficienti i trasmetimit $U \leq 1,3W/m^2K$</i>	m2	275.2		-
		<i>Double glazed aluminum windows. thermal glass with argon $U \leq 1,3W/m^2K$</i>				
2		<i>Dyer d/alumini dyfish xham me strukture metalie sipas projektit</i>	m2	45.0		-
		<i>Double glazed aluminum doors with metalic stucrure</i>				
3		<i>Dere d/alumini 1/2 xham akulli,me mbushje d/a.</i>	m2	37.8		-
		<i>Door d / aluminum 1/2 frosted glass , with filling d / a.</i>				
4		<i>Pragje dritaresh mermeri 2cm</i>	m2	92.16		-
		<i>Window marble sills 2cm</i>				
5		<i>F V Dyer te brendeshme druri (210x90x5 cm), me dritare ndricuse ,me kase metalike ne mure dhe mentesha kushinete sipas projektit</i>	m2	86.9		-
		<i>Wooden interior doors (210x90x5 cm), with lighted windows, with metal frame on the walls and hinged bearings according to the project</i>				
6		<i>Dyer Metalike te blinduara me dy kanate me kase metalike ne mur dhe mentesha kushinete sipas projektit</i>	m2	13.23		-
		<i>Metal security doors with metal cases on the wall, according to the design</i>				
7		<i>Dyer Metalike antizjarr me dy kanate me kase metalike ne mur dhe mentesha kushinete , dhoma teknike sipas projektit</i>	m2	25.9		-
		<i>Metal fire doors with metal cases on the wall, according to the design</i>				
8		<i>F.V zgara dekorativa hekuri me figuracion mesatare per dritaret</i>	ton	6.6		-
		<i>Decorative steel grill for the windows</i>				
9		<i>Veshje me panel MDF sipas projektit</i>	m2	371		-
		<i>MDF panel coating acording the design</i>				
10		<i>Parapet shkalle e ballkone me tuba inoksi ngjyre e verdhe ose metalizato, h=80-90cm</i>	ml	97.5		-
		<i>Parapet stairs and balconies with yellow metallized stainless steel pipes, h = 80 ~ 90cm</i>				
		Shuma 8				-
		Sum 8				

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		IX. Punime te jashtme				
		<i>Outdoor works</i>				
1		Veshje fasade me polisterol kompakt jeshil t=5cm, veteshuars (XPS) me dendesi 45kg/m ³ dhe λ>0.04 W/mK.+ rrjete +kolle+grafiato	m2	1809.2		-
		<i>Facade cladding with compact green polystyrene t = 5cm ,self extinguished(XPS),density 45kg/m3 7+ nets + grafiato</i>				
2		Veshje fasade me pllake mermeri t=3cm	m2	206.5		-
		<i>Facade cladding with Marble t=3cm</i>				
3		Suva mur tulle h~4m me krah, llaç perzier M 25	m2	73		-
		<i>Plaster of the brick wall h>4m, mixed mortar M25</i>				
4		Boje hidroplastike importi cilesi e l-re	m2	1809.2		-
		<i>Hydroplastic paint import first quality</i>				
5		Ndertim mure betopani	m2	18.3		-
		<i>Betopani walls</i>				
6		F.V. detaj me rezine per kornizat e dritareve sipas projektit	ml	187		-
		<i>F.V. resin detail for window frames according the design</i>				
7		Shtrese me pllaka graniti t=3cm	m2	198.3		-
		<i>Layer with granite tiles t = 3cm</i>				
		Shuma 9				-
		Sum 9				
		X. Punime te sistemimit te jashtem				
		<i>Outdoor site works</i>				
1		Trotuar, me 6 cm beton, me pllaka	m2	1791		-
		<i>Sidewalk, 6 cm concrete,with tiles</i>				
2		F V bordura betoni 20x30 cm	ml	91.2		-
		<i>P.I.Sidewalk curbs 20x30cm</i>				
3		Shtrese rere	m3	180		-
		<i>Sand layer</i>				
4		Shtrese zhavori lumi t=30cm, perhapur e ngjeshur me makineri	m2	1800		-
		<i>Gravel layer t=30cm</i>				
5		Germim dheu me krah e transport me k dore 10 m, kategoria III	m3	329		-
		<i>Excavation with arm and transport by hand 10 m, category III</i>				
6		Germim themele b>2m, ekskavator me goma, kova 0.25m3 shkarkim toke	m3	421		-
		<i>Fondation excavation b> 2m, excavator with tires, buckets 0.25m3 land discharge</i>				
7		Shtrese betoni C 16/20	m3	569		-
		<i>Concrete layer C 16/20</i>				
8		Kuneta monolite C 16/20	m3	126		-
		<i>Concrete gutter C16/20</i>				
9		Shtrese zhavori ne teritorin e ndertesave	m3	1430		-
		<i>Gravel filling</i>				
10		Hedhje,rrafshim,mbushje dheu me krah, kategoria III	m3	1245		-

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		<i>Casting, flattening, filling of soil with arm, category III</i>				
11		Beton C 30/37 per mur rrethues (L=345.5m) <i>Concrete C 30/37 for perimeter wall</i>	m3	382		-
12		F V hekur betoni periodik <i>F V periodic concrete steel</i>	ton	21.5		-
13		Shtrese betoni C 16/20 <i>Concrete gutter C16/20</i>	m3	131		-
14		F.V zgara dekorativa hekuri me figuracion mesatare per murin <i>F.V grill iron decoration with medium figuration for the wall</i>	ton	23.9		-
15		F.V porte metalike dekorative rreshqitese <i>F.V decorative sliding metal gates</i>	m2	12.8		-
16		Grope septike me V = 16 m3 <i>Septic tank V=16m3</i>	cope	1		-
17		F.V tuba betoni Ø 600 mm <i>P.I concrete Pipe Ø 600 mm</i>	ml	410		-
		Shtrese rere <i>Sand layer</i>	m3	296		-
		Shuma 10				-
		Sum 10				
		XI.Konstruksione metalike <i>Steel constructions</i>				
1		Konstruksione metalike te thjeshta <i>Simple steel constructions</i>	ton	69.21		-
2		Rrjete teli e galvanizuar per veshjen e shkalles <i>Galvanized wire mesh for ladder cladding</i>	m2	360		-
3		Boje vaji siperfaqe metalik <i>Oil paint of metallic surface</i>	m2	300		-
4		Llamarine industriale per shkallet e jashtme <i>Industrial sheet metal for exterior stairs</i>	ton	4.95		-
		Shuma 11				-
		Sum 11				
		XII.Punime per kabinen elektike <i>Works for electikal Cabin</i>				
1		Germim dheu me krah e transport me k dore 10 m, kategoria III <i>Excavation of soil by hand and transport by wheelbarrow 10 m, category III</i>	m3	21		-
2		Nenshtrese zhavori <i>Gravel sublayer</i>	m3	1.6		-
3		Shtrese betoni C 16/20 <i>Concrete layer C 16/20</i>	m3	1.6		-
4		Trare themeli, b/a C 30/7 <i>Reinforced concrete foundation beams C 25/30</i>	m3	10.4		-
5		Kollona b/a monolite dhe mure C 20/37 h ~ 4m <i>Monolithic reinforced concrete columns and walls C 30/37 h ~ 4m</i>	m3	1.8		-
6		Trare e arkitrare b/a C30/37 h ~ 4m <i>Beam and lintel reinforced concrete clase C 30/37 h ~ 4m</i>	m3	1.9		-
7		Soleta te plota b/a C 30/37 monolite <i>Monolithic slabs reinforced concrete clase C 30/37</i>	m3	6.5		-
8		F V hekur betoni periodik	ton	1.85		-

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		<i>F V periodic steel</i>				
9		Mur me tulle te lehtesuara dopio deri 8m me llaç perzier M15 (t=25cm)	m3	13.2		-
		<i>Lightweight brick wall double up to 8m with mortar mixed M15</i>				
10		Hidroizolim me emulsion dhe dy duar k.k. t=4mm	m2	28.1		-
		<i>Emulsion waterproofing and two bitumen hands t = 4mm</i>				
11		Suva mur tulle h~4m me krah, llaç perzier M 25	m2	173		-
		<i>Plaster of the brick wall h>4m, mixed mortar M25</i>				
		Shuma 12				-
		Sum 12				
		XIII.Punime te ndryshme				
		<i>Diferent Works</i>				
1		Pusi Uji ,thellsia 35-50 ml,diametri shpimit 300mm,komlet(Pompe 1.2-1.5kw,kabull elektrk, tubacione ,pusete,testime etj.)	cope	1		-
		<i>Water well, depth 35-50 ml, drilling diameter 300mm, complete (Pumps 1.2-1.5kw, electric cable, pipes, etc.)</i>				
2		Ashensori 0.3m/s-0.4m/s, 13m, 420KG-500KG, Brake voltage<5, Power 380V,220V,50HZ/60HZ, Integrated Controller.	cope	1		-
		<i>Lift 0.3m/s-0.4m/s, 13m, 320KG-400KG,Brake voltage<5,Power 380V,220V,50HZ/60HZ,Integrated Controller.</i>				
		Shuma 13				-
		Sum 13				
		TOTALI A				-
		TOTALI A				
		B. PUNIME HIDROSANITARE				
		B. SANITARY WORKS				
		1- PUNIME INSTALIMI / INSTALLATION WORKS				
		1- INSTALLATION WORKS				
		SISTEMI I MBROJTJES KUNDER ZJARRIT				
		FIRE FIGHTING SYSTEM				
A		Sinjalistika & kodi indeksimit / Signaling & indexing code				
1		F.V Hidrant Zjarri 5212 (B)	Kodi AI - cope	3		-
		<i>P.I Fire Hydrant 5212 (B)</i>	<i>Code AI -</i>			
2		F.V Fikëse zjarri me pluhur 5203(B)	Kodi AI - cope	6		-
		<i>P.I Portable powder fire extinguisher 5203(B)</i>	<i>Code AI -</i>			
3		F.V Fikëse zjarri me CO ₂ 5206	Kodi AI - cope	3		-

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		<i>P.I Portable CO2 fire extinguisher</i> Code AI - 5203(B)				
4		F.V Buton sinjalizimi i zjarrit 5102(B) Kodi AI -	cope	9		-
		<i>P.I Fire alarm button</i> Code AI - 5102(B)				
5		F.V Lidhja me motopompen 5212 (B) Kodi AI -	cope	1		-
		<i>P.I Mottopump Connection</i> Code AI - 5212 (B)				
6		F.V Zbritje shkalle 5103(B) Kodi AI -	cope	4		-
		<i>P.I Emergency Downstairs Exit</i> Code AI - 5103(B)				
7		F.V Rrezik zjarri nga pajisjet elektrike nën tension	cope	1		-
		<i>P.I Fire from electrical equipment</i>				
8		F.V Ndalim i shuarjes së zjarrit me uje	cope	1		-
		<i>P.I Prohibition use of water</i>				
9		F.V Drejtim i daljes së emergjences 5107(B) Kodi AI -	cope	17		-
		<i>P.I Exit Emergency Direction</i> Code AI - 5107(B)				
		Shuma 1				-
		Sum 1				
		Tubacione & rakorderi / Pipes & Fittings				
1		F.V Tubo çeliku i zi pategel Ø 2 1/2" x 3.25 mm	kg	273		-
		<i>P.I Steel pipe mannesmann Ø 2 1/2" x 3.25 mm</i>				
2		F.V Tubo çeliku i zi pategel Ø 2" x 3.25 mm	kg	110		-
		<i>P.I Steel pipe mannesmann Ø 2" x 3.25 mm</i>				
3		F.V Tubo çeliku i zi pategel Ø 1½" x 2.90 mm	kg	50		-
		<i>P.I Steel pipe mannesmann Ø 1 ½" x 2.90 mm</i>				
4		F.V Rakorderi çeliku i zi (Bryla,Ti, reduksione etj).	kg	130		-
		<i>P.I Steel Pipe Fittings (elbow, TI, reduction etc.)</i>				
5		F.V Galexhant mekanik Ø 1 ½ "	cope	2		-
		<i>P.I Mechanical Float Valve Level Switch Ø 1 ½"</i>				
6		F.V Galexhant elektrik	cope	1		-
		<i>P.I Electrical Float Valve Level Switch</i>				
7		F.V Saracineska me trup bronzi Ø 2 "	cope	6		-
		<i>P.I On/ Off bronze valve Ø 2 "</i>				
8		F.V Saracineska me trup bronzi Ø 1 ½"	cope	2		-
		<i>P.I On/ Off bronze valve Ø 1 ½"</i>				
9		F.V Saracineska me trup bronzi Ø 1 ¼"	cope	1		-
		<i>P.I On/ Off bronze valve Ø 1 ¼"</i>				
10		F.V Valvol moskthimi Ø 2 "	cope	1		-
		<i>P.I Non return valve Ø 2 "</i>				
11		F.V Tubo PE - HD Ø 63x 5.8 mm, PN16	ml	15		-
		<i>P.I PE-HD Pipe Ø 63x5.8 mm, PN16</i>				
12		F.V Rakorderi (bryla, ti, reduksion, etj)	kompl	1		-
		<i>P.I PE-HD Fittings (elbow, TI, reduction etc.)</i>				
		Shuma 2				-
		Sum 2				
		SISTEMI I FURNIZIMIT ME UJE				
		WATER SUPPLY SYSTEM				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
B		Furnizimi me uje nga rrjeti / Water Supply Network				
1		F.V Tubo PE - HD Ø 50x4.6 mm, PN16 <i>P.I PE-HD Pipe Ø 50x4.6 mm, PN16</i>	ml	28		-
2		F.V Rakorderi (bryla, ti, reduksion, etj) <i>P.I PE-HD Fittings (elbow, TI, reduction etc.)</i>	kompl	1		
3		F.V Mates uji Ø 1½" <i>P.I Water meter Ø 1½"</i>	cope	1		-
4		F.V Valvol nderprerese me sferë Ø 1½" <i>P.I Disconnecting ball valve Ø 1½"</i>	cope	2		-
5		F.V Valvol moskthimi Ø 1½" <i>P.I Non return valve Ø 1½"</i>	cope	1		-
6		F.V Reduktor presioni Ø 1½" <i>P.I Water Pressure reducer Ø 1½"</i>	cope	1		-
7		F.V Filter uji Ø 1½" <i>P.I Water filter Ø 1½"</i>	cope	1		-
		Sistemi i shperndarjes se ujit sanitar / Sanitary water distribution system				
8		F.V Galexhant mekanik Ø 1 ½" <i>P.I Mechanical Float Valve Level Switch Ø 1 ½"</i>	cope	2		-
9		F.V Galexhant elektrik <i>P.I Electrical Float Valve Level Switch</i>	cope	1		-
10		F.V Minivalvula nderprerese per pajisjet sanitare Ø ½" <i>P.I Distribution fittings ½"F, with brackets for sanitary device connection</i>	cope	92		-
11		F.V Valvol nderprerese me sferë Ø ¾ " <i>P.I Disconnecting ball valve Ø ¾ "</i>	cope	12		-
12		F.V Valvol nderprerese me sferë Ø 1 ½" <i>P.I Disconnecting ball valve Ø 1 ½"</i>	cope	1		-
13		F.V Valvol nderprerese me sferë Ø 2 " <i>P.I Disconnecting ball valve Ø 2 "</i>	cope	10		-
14		F.V Valvol moskthimi Ø 2 " <i>P.I Non return valve Ø 2 "</i>	cope	1		-
		Shuma 3				-
		Sum 3				
		Rjeti i tubacioneve brenda objektit - Tubo PPR - Polipropilen				
		Pipe networks inside the building - PPR pipes - Polypropylene				
1		F.V Tubo PPR me rakorderi Ø 20 mm <i>P.I PPR Pipe with fittings Ø 20 mm</i>	ml	130		-
2		F.V Tubo PPR me rakorderi Ø 25 mm <i>P.I PPR Pipe with fittings Ø 25 mm</i>	ml	58		-
3		F.V Tubo PPR me rakorderi Ø 32 mm <i>P.I PPR Pipe with fittings Ø 32 mm</i>	ml	22		-
4		F.V Tubo PPR me rakorderi Ø 40 mm <i>P.I PPR Pipe with fittings Ø 40 mm</i>	ml	12		-
5		F.V Tubo PPR me rakorderi Ø 50 mm <i>P.I PPR Pipe with fittings Ø 50 mm</i>	ml	62		-
6		F.V Tubo PPR me rakorderi Ø 63 mm <i>P.I PPR Pipe with fittings Ø 63 mm</i>	ml	15		-
7		F.V Termoizolim armoflex me spesor 9 mm per tubo PPR 20 mm	ml	130		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
		P.I Armaflex for PPR pipe Ø 20 mm with thickness 9 mm				
8		F.V Termoizolim armoflex me spesor 9 mm per tubo PPR 25 mm	ml	58		-
		P.I Armaflex for PPR pipe Ø 25 mm with thickness 9 mm				
9		F.V Termoizolim armoflex me spesor 9 mm per tubo PPR 32 mm	ml	22		-
		P.I Armaflex for PPR pipe Ø 32 mm with thickness 9 mm				
10		F.V Termoizolim armoflex me spesor 9 mm per tubo PPR 40 mm	ml	12		-
		P.I Armaflex for PPR pipe Ø 40 mm with thickness 9 mm				
11		F.V Termoizolim armoflex me spesor 9 mm per tubo PPR 50 mm	ml	62		-
		P.I Armaflex for PPR pipe Ø 50 mm with thickness 9 mm				
12		F.V Termoizolim armoflex me spesor 9 mm per tubo PPR 63 mm	ml	15		-
		P.I Armaflex for PPR pipe Ø 63 mm with thickness 9 mm				
13		F.V Aksesori per montimin e tubacioneve PPR:fasheta,vida,dado etj.	kompl	1		-
		<i>P.I Accessories for mounting copper pipes: clamps, screws etc.</i>				
		Shuma 4				-
		Sum 4				
		SISTEMI I SHKARKIMIT TE UJRAVE TE ZEZA, TE SHIUT DHE DRANAZHIMI				
		SEWAGE WATER DISCHARGE SYSTEM				
		<i>Shkarkimi i brendshem i ujrave te zeza / Indoor sewage water discharge system</i>				
1		F.V Tubo shkarkimi PP d125	ml	10		-
		<i>P.I Waste pipe with push - fit socket PP d125</i>				
2		F.V Tubo shkarkimi PP d110	ml	125		-
		<i>P.I Waste pipe with push - fit socket PP d110</i>				
3		F.V Tubo shkarkimi PP d75	ml	59		-
		<i>P.I Waste pipe with push - fit socket PP d75</i>				
4		F.V Tubo shkarkimi PP d50	ml	55		-
		<i>P.I Waste pipe with push - fit socket PP d50</i>				
5		F.V Rakorderi (bryla, braga, tee, reduksion, etj.) si dhe te gjithë aksesoret e nevojshem per montimin e tubove te shkarkimit	kompl	1	-	-
		<i>P.I Fittings (bend, branch, tee, reduction, ect.) and all necessary accessories for mounting of waste water discharge pipe</i>	set			
6		F.V Aksesori per montimin e tubacioneve te PP : fasheta, vida, dado, tapa, paste lubrifikuese etj.	kompl	1		-
		<i>P.I Accessories for mounting PP pipes: clamps, screws etc.</i>				
7		F.V Kunete B=25cm, kapak gize, grille	ml	2		-
		P.I Discharge gully B=25cm, cast iron cover, grille				
		Shkarkimi i jashtem i ujrave te zeza / Outdoor sewage water discharge system				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI: SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
8		F.V Germim dhe transport dheu per kanalet e tubove dhe pusetave	m ³	17		-
		<i>P.I Earthwork and transport for pipes channel and pits</i>				
9		F.V Shtrese rere	m ³	4		-
		<i>P.I Sand lay down + transportation</i>				
10		F.V Pusete betoni (80 x 80) cm, me kapak gize Ø60 mm	cope	6		-
		<i>P.I Concrete pits (80 x 80) cm, cast iron cover Ø60 mm</i>				
11		F.V Tubo PEHD I magjistralit I rrudhosur Ø 200 mm	ml	58		-
		<i>P.I Corrugated polyethylene PEHD pipe Ø 200 mm</i>				
12		F.V Tubo PEHD I magjistralit I rrudhosur Ø 250 mm	ml	15		-
		<i>P.I Corrugated polyethylene PEHD pipe Ø 250 mm</i>				
13		F.V Element ndihmes dhe rakorderi per tuba PEHD	kompl	1		-
		<i>P.I Auxiliary elements & fittings for PEHD pipes (joint installations)</i>				
		Sistemi i drenazhimit te ujrave te shiut / Rain water drainage system				
14		F.V Germim dhe transport dheu per kanalet e tubove dhe pusetave	m ³	35		-
		<i>P.I Earthwork and transport for pipes channel and pits</i>				
15		F.V Shtrese rere + transport	m ³	7		-
		<i>P.I Sand lay down + transportation</i>				
16		F.V Pusete betoni shiu, me kapak gize (40x25) cm	cope	18		-
		<i>P.I Concrete pits, mesh cast iron cover (40x25) cm</i>				
17		F.V Tubo PEHD I magjistralit I rrudhosur Ø 110 mm	ml	17		-
		<i>P.I Corrugated polyethylene PEHD pipe Ø 110 mm</i>				
18		F.V Tubo PEHD I magjistralit I rrudhosur Ø 125 mm	ml	23		-
		<i>P.I Corrugated polyethylene PEHD pipe Ø 125 mm</i>				
19		F.V Tubo PEHD I magjistralit I rrudhosur Ø 160 mm	ml	30		-
		<i>P.I Corrugated polyethylene PEHD pipe Ø 160 mm</i>				
20		F.V Tubo PEHD I magjistralit I rrudhosur Ø 200 mm	ml	65		-
		<i>P.I Corrugated polyethylene PEHD pipe Ø 200 mm</i>				
21		F.V Tubo PEHD I magjistralit I rrudhosur Ø 250 mm	ml	122		-
		<i>P.I Corrugated polyethylene PEHD pipe Ø 250 mm</i>				
22		F.V Element ndihmes dhe rakorderi per tuba PEHD	kompl	1		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
		<i>P.I Auxiliary elements & fittings for PEHD pipes (joint installations)</i>				
23		F.V Tubo Lllamarine zinkuar/lyer shkarkimi vertikal Ø 110 mm, I kompletuar me aksesore	ml	89		-
		<i>P.I Waste pipe with accessories coated/zinc sheet d110 mm</i>				
		Shuma 5				-
		Sum 5				
		2- PAISJE				
		2- EQUIPMENTS				
		SISTEMI I MBROJTJES KUNDER ZJARRIT				
		FIREFIGHTING SYSTEM				
C		Makineri dhe pajisje / Machinery & Equipments				
1		F.V Fikëse zjarr me pluhur, destinacioni per mbrojtjen e pajisjeve ne ndertesë. Tip bombel (e levizshme). Klasa e zjarrit 55A-233BC, kapaciteti normal 12 kg, pesha 17.6 kg. Diametri 190mm, lartesia 640 mm.	cope	6		-
		<i>P.I Powder Cylinder Extinguisher 12kg</i>				
2		F.V Fikëse zjarr me CO ₂ , destinacioni per mbrojtjen e paisjeve ne ndertese. Tip bombel (e levizshem). Klasa e zjarrit 27A-233BC, kapaciteti normal 6 kg, pesha 11 kg. Diametri 160mm, lartesia 560 mm.	cope	3		-
		<i>P.I CO₂ Cylinder Extinguisher 12kg</i>				
3		F.V Kaset + hidrant zjarri i brendshëm. Kasetë brenda murit, llamarine çeliku e emaluar me ngjyrë të kuqe RAL 3000 - UNI 9227, me baze rezine. Dimensionet (370x610x190)mm, tub fleksibël 30 m, Aksesorët: saraçineske ndërprerëse 1½", lançë + zorre uji DN 45. Pjesa e përparme e mbyllur me çelës.	cope	3		-
		<i>P.I Fire Hydrant DN45 30MT Inside the wall. with red color steel cassette enamelled RAL 3000 - UNI 9227</i>				
4		F.V Grupi i lidhjes me motopompen për hidrant DN 65. Vendosja në kasetë të jashtme, llamarine çeliku të emaluar ne ngjyre, te kuqe RAL 3000, valvol sigurie dhe moskthimi 2" (DN 50) materiali i grupit bronz.		1		-
		<i>P.I Fire fighting brigade hydrant DN 65 for outside the wall installation. with red color steel cassette enamelled RAL 3000</i>				
5		F.V Rezervuar Vertikal zingato per furnizimin me uje, kapaciteti 5 000 lit, De=1600 mm, H=2660 mm, lidhjet 1 ½".	cope	2		-
		<i>P.I Zingato rezervoir for water supply, capcacity 5 000 lit, De=1600 mm, H=2660 mm, connection 1 ½".</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) Price (leke)	Vlera (leke) Value (leke)
6		<p>F.V Stacioni i Pompave te Mbrojtjes Kundra Zjarrit. Sistemi i rritjes së presionit kompakt në përputhje me EN 12845: 2005. Motopompe me lende djegese Diesel, ftohje me ajer, injektim direkt i lendes djegese.</p> <p>Motopompe - Fuqia: 10.2 kW, e pajisur me pompe - Prurja: 7.5 m³/h - Prevalenca: 50 mKH2O</p> <p>Pompe Elektrike - Fuqia: 7.5 kW - Prurja: 7.5 m³/h - Prevalenca: 50 mKH2O - Rryma: 14.8 A - Tensioni: 3/400 V, 50 Hz - Shkalla mbrojtese: IP 54</p> <p>Pompa Pilot - Fuqia: 0.75 kW - Rryma: 1.83 A Kolektori ne thithje / DN65 PN16. Dimensionet :1865x1393x1824 mm</p>	cope	1		-
		<p><i>P.I Station Fire Protection Pump. Compact pressure increase system in accordance with EN 12845: 2005. Diesel engine fuel pump, air cooling, direct injection of fuel.</i></p> <p><i>Diesel pump</i> - Flow: 7.5 m³/h - Head: 50 mKH2O - Power: 10.2 kW, equipped with pump</p> <p><i>Electrical pump</i> - Flow: 7.5 m³/h - Head: 50 mKH2O - Power: 7.5 kW - Current: 14.8 A - Voltage: 3/400 V, 50 Hz - Protective rate: IP 54</p> <p><i>Jockey Pump</i> - Power: 0.75 kW - Current: 1.83 A Manifold Section DN65 PN16. Dimensions: 1865x1393x1824 mm</p>				
		Shuma 6				-
		Sum 6				
		SISTEMI I FURNIZIMIT ME UJE				
		WATER SUPPLY SYSTEM				
D		Makineri dhe pajisje / Machinery & Equipments				
1		F.V Rezervuar Vertikal zingato per furnizimin me uje, kapaciteti 5 000 lit, De=1600 mm, H=2660 mm, lidhjet 1 ½".	cope	2		-
		<i>P.I Zingato rezervoir for water supply, capcacity 5 000 lit, De=1600 mm, H=2660 mm, connection 1 ½".</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) Price (leke)	Vlera (leke) Value (leke)
2		F.V. Grup pompimi me shpejtesi variabel (inverter), per furnizimin me uje sanitar, me dy pompa Prurja: 15 m ³ /h, Prevalenca: 60 mKH ₂ O, Fuqia elektrike: 5.5 kW, Ushqimi: 3~380V / 50Hz, Lidhjet: 2½", PN16 Shkalla mbrojtëse: IP54 E kompletuar me te gjithë aksesoret e nevojshem.	kompl	1		-
		<i>P.I Sanitary water supply pump (Inverter)</i> <i>Flow : 15 m³/h,</i> <i>Head: 60 mKH₂O,</i> <i>Power: 5.5 kW</i> <i>Voltage: 3-380V/50Hz,</i> <i>Connection : 2½", PN16</i> <i>Complete with all necessary accessories</i>				
3		F.V. Autoklave - Presioni max. i punes: 10 bar - Presioni i ngarkimit: 1.5 bar - Kapaciteti: 300 lit - Diametri: 630 mm - Lartesia: 1365 mm - Lidhjet: 1 1/2"(DN 40)	cope	1		-
		<i>P.I Autoclave</i> <i>- Max. work pressure: 10 bar</i> <i>- Loading pressure: 1.5 bar</i> <i>- Capacity: 300 lit</i> <i>- Diameter: 630 mm</i> <i>- Height: 13650 mm</i> <i>- Connection: 1 1/2"(DN 40)</i>				
		Pajisje hidrosanitare				
		Hidrosanitation Equipment				
4		F.V Lavaman tualeti + mishelator	cope	18		-
		<i>P.I Washing basin+monocontrol mixer</i>				
5		F.V Lavaman per njerez me aftesi te kufizuar + mishelator	cope	6		-
		<i>P.I Washing basin for disabilities use + monocontrol mixer</i>				
6		F.V WC-alla turke	cope	30		-
		<i>P.I Single block WC toilet, Turkish type , low cistern (flash box)</i>				
7		F.V WC- per njerez me aftesi te kufizuara + kuti shkarkuese + ulese metakrilate dhe te gjithë aksesoret mbajtes (sipas vizatimit)	cope	6		-
		<i>P.I Single block WC toilet, for disabilities use, (77x 38) cm + discharge box + Methacrylate seat and all supporting accessory (according to the drawing)</i>				
8		F.V Pilete dysHEMEJE Ø 50 mm	cope	6		-
		<i>P.I Drain Pit Ø 50 mm</i>				
9		F.V Bolier elektrik 80 litra	cope	6		-
		<i>P.I Electrical boiler 80 liter</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI: SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL (Godina e Shkolles)

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10		F.V Aspirator aksial per tualetet Prurja: 90 m3/h Fuqia eketrike: 12 W Ushqimi: 230V - 50Hz Niveli i zhurmes dB(A): 43	cope	6		-
		<i>P.I Fan toilet with non return valve</i> <i>Flow : 90 m³/h</i> <i>Power: 12 W</i> <i>Voltage: 1~230V/50Hz</i> <i>Sound Level: dB(A): 43</i>				
		Shuma 7				-
		Sum 7				
		TOTALI B				-
		TOTALI B				
		C. SISTEMI I NGROHJES & FTOHJES				
		C. HEATING & COOLING SYSTEM				
		1- Punime per instalimin e tubacioneve				
		1- Installation works				
		Rjeti i tubove te bakrit sistemi VRV				
		Copper pipe network VRV system				
1		F.V Tubo bakri me armaflex Ø 6.35mm per sistemet VRV	ml	145		-
		<i>P.I Cu Pipe with armaflex Ø 6.35mm for VRV system</i>				
2		F.V Tubo bakri me armaflex Ø 9.5 mm per sistemet VRV	ml	410		-
		<i>P.I Cu Pipe with armaflex Ø 9.5 mm for VRV system</i>				
3		F.V Tubo bakri me armaflex Ø 12.7mm per sistemet VRV	ml	187		-
		<i>P.I Cu Pipe with armaflex Ø 12.7 mm for VRV system</i>				
4		F.V Tubo bakri me armaflex Ø 15.9 mm per sistemet VRV	ml	410		-
		<i>P.I Cu Pipe with armaflex Ø 15.9 mm for VRV system</i>				
5		F.V Tubo bakri me armaflex Ø 19.1 mm per sistemet VRV	ml	145		-
		<i>P.I Cu Pipe with armaflex Ø 19.1 mm for VRV system</i>				
6		F.V Tubo bakri Ø 22.2 mm per sistemet VRV	ml	26		-
		<i>P.I Cu Pipe Ø 22.2 mm for VRV system</i>				
7		F.V Tubo bakri Ø 28.6 mm per sistemet VRV	ml	78		-
		<i>P.I Cu Pipe Ø 28.6 mm for VRV system</i>				
8		F.V Tubo bakri Ø 34.9 mm per sistemet VRV	ml	140		-
		<i>P.I Cu Pipe Ø 34.9 mm for VRV system</i>				
9		F.V Armafleks per tub Ø 22.2 mm per sistemet VRV	ml	26		-
		<i>P.I Armaflex for pipe Ø 22.2 mm for VRV system</i>				
10		F.V Armafleks per tub Ø 28.6 mm per sistemet VRV	ml	78		-
		<i>P.I Armaflex for pipe Ø 28.6 mm for VRV system</i>				
11		F.V Armafleks per tub Ø 34.9 mm per sistemet VRV	ml	140		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

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		<i>P.I Armaflex for pipe Ø 34.9 mm for VRV system</i>				
12		F.V Flete Alumini per tubacionet jashte objektit me spesor s=0,5 mm	m2	18		-
		<i>P.I Aluminum sheets for pipes outside the building with spesor s = 0.5 mm</i>				
13		F.V Aksesori per montimin e tubacioneve te bakrit : fasheta, vida, dado, nastro aluminmi etj.	kompl	1		-
		<i>P.I Accessories for mounting copper pipes: clamps, screws, aluminum sheets etc.</i>				
14		F.V Gaz per sistemin VRV tip R 410 A	kg	88		-
		<i>P.I Gas for VRV system type R 410 A</i>				
15		F.V Elektroda saldimit bronxi - lidhje argjendi L -Ag5	kg	25		-
		<i>P.I Welding electrodes Bronze - silver L -Ag5</i>				
16		F.V Paste deoksiduese per saldimit (kuti - 250 gr)	cope	15		-
		<i>P.I Antioxidant paste for welding (box - 250 gr)</i>				
17		F.V Degezime "Y" per lidhjen e pajisjeve me terminalin kryesor (dergjim/kthim)	cope	6		-
		<i>P.I Branches "Y" for equipment connecting with the main terminal (Set)</i>				
18		F.V Kolektor shperndares VRV per lidhjen e pajisjeve me terminalin kryesor	cope	6		-
		<i>P.I VRV distribution manifold for connecting equipment to the main terminal</i>				
19		F.V Kablo multipolar bakri me izolim PVC, djegje pa flake dhe emetim gazi Un= 6.0/1kV FG160R16 Tipi S=2x1.5 mm2 (Per komunikimin e Paisjeve te Kondicionimit).	ml	765		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVC sheath, Un= 6.0/1kV FG160R 16 Type S=2x1.5 mm2 (For Air Conditioning Unit communication).</i>				
20		F.V Kanaline metalike e perforuar me vrime S=300x75 mm per kabllot e fuqise	ml	8		-
		<i>P.I Perforated metallic cable tray S=150x75 mm for power cables network</i>				
21		F.V Konstruksione metalike te kanalave metalike, bryla, ti (profile U, C, suportet mbeshtetes, dado, vida etj)	komplet	1		-
		<i>P.I Metallic Cable trays constructions elbow and Ti (U,C profile,support,screws, etc)</i>				
		Rjeti i tubove te kondensatit - Tubo PPR - Polipropilen				
		Network of condensation pipes - PPR pipes - Polypropylene				
22		F.V Tuba e rakorderi ujesjellesi PPR d=20~32mm, PN 16	ml	435		-
		<i>P.I PPR Pipe with fittings Ø 20~32mm, PN 16</i>				
23		F.V Tuba e rakorderi ujesjellesi PE d=50mm, PN 16	ml	65		-
		<i>P.I PPR Pipe with fittings Ø 50 mm, PN 16</i>				
24		F.V Aksesori per montimin e tubacioneve PPR : fasheta, vida, dado etj.	kompl	1		-
		<i>P.I Accessories for mounting copper pipes: clamps, screws etc.</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
		Shuma 1				-
		Sum 1				
		2- PAISJE				
		2- EQUIPMENTS				
		SISTEMI I NGROHJES/FTOHJE DHE I VENTILIMI				
		HEATING/COOLING AND VENTILATION SYSTEM				
		Pajisje dhe terminale				
		Equipment and terminals				
1		F.V Kondicioner VRV Split Kasete 4 drejtime, kapaciteti ne ftohje / ngrohje 3.6 / 4.0 kW, prurja e ajrit mesatare Vaj.nom=480 m³/h, fuqia elektrike 45 W, ushqimi 220-240V/1F/50Hz, lidhjet Gaz / Leng - Ø 12.7 mm / Ø6.35 mm, I kompletuar me te gjithë elemente e nevojshem per montim, termostat ambienti, kabull komunikimi me pajisjen e jashtme si dhe te gjithë aksesoret e nevojshem.	cope	6		-
		<i>P.I Conditioner VRV 4-way Cassette, capacity heating/cooling 3.6 / 4.0 kW, airflow Vaj.nom=480 m³/h, electrical power 45 W, electrical supply220-240V/1F/50Hz, Connection Gaz / Liquid - Ø 12.7 mm / Ø6.35 mm, Completed with all neccesary accessories for installation, communication cable with outdoor unit, room thermostat etc...</i>				
2		F.V Kondicioner VRV Split Kasete 4 drejtime, kapaciteti ne ftohje / ngrohje 5.6 / 6.3 kW, prurja e ajrit mesatare Vaj.nom=750 m³/h, fuqia elektrike 92 W, ushqimi 220-240V/1F/50Hz, lidhjet Gaz / Leng - Ø 12.7 mm / Ø6.35 mm, I kompletuar me te gjithë elemente e nevojshem per montim, termostat ambienti, kabull komunikimi me pajisjen e jashtme si dhe te gjithë aksesoret e nevojshem.	cope	3		-
		<i>P.I Conditioner VRV 4-way Cassette, capacity heating/cooling 5.6 / 6.3 kW, airflow Vaj.nom=750 m³/h, electrical power 92 W, electrical supply220-240V/1F/50Hz, Connection Gaz / Liquid - Ø 12.7 mm / Ø6.35 mm, Completed with all neccesary accessories for installation, communication cable with outdoor unit, room thermostat etc...</i>				
3		F.V Kondicioner VRV Split Kasete 4 drejtime, kapaciteti ne ftohje / ngrohje 7.1 / 8.0 kW, prurja e ajrit mesatare Vaj.nom=810 m³/h, fuqia elektrike 61 W, ushqimi 220-240V/1F/50Hz, lidhjet Gaz / Leng - Ø 15.9 mm / Ø 9.5 mm, I kompletuar me te gjithë elemente e nevojshem per montim, termostat ambienti, kabull komunikimi me pajisjen e jashtme si dhe te gjithë aksesoret e nevojshem.	cope	31		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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Nr./No.	Ref.	Emërtimi i procesit të punës Work process	Njësia Unit	SASITE Quantity	Çmimi (leke) Price (leke)	Vlera (leke) Value (leke)
		<i>P.I Conditioner VRV 4-way Cassette, capacity heating/cooling 7.1 / 8.0 kW, airflow Vaj.nom=810 m³/h, electrical power 61 W, electrical supply220-240V/1F/50Hz, Connection Gaz / Liquid - Ø 15.9 mm / Ø 9.5 mm, Completed with all necessary accessories for installation, comunication cable with outdoor unit, room thermostat etc...</i>				
4		<i>F.V Kondicioner Split Mural, kapaciteti ne ftohje 3.5 kW, prurja e ajrit mesatare Vaj.nom=672 m³/h, fuqia elektrike 40 W, ushqimi 220-240V/1F/50Hz, lidhjet Gaz / Leng - Ø 9.5 mm / Ø6.35 mm, I kompletuar me te gjithë elemente e nevojshem per montim, termostat ambienti, kabull komunikimi me pajisjen e jashtme si dhe te gjithë aksesoret e nevojshem.(Per dhomen e Serverit)</i>	cope	1		-
		<i>P.I Conditioner Wall Mounted Type, capacity cooling 3.5 kW, airflow Vaj.nom=672 m³/h, electrical power 40 W, electrical supply220-240V/1F/50Hz, Connection Gaz / Liquid - Ø 9.5 mm / Ø6.35 mm, Completed with all necessary accessories for installation, comunication cable with outdoor unit, room thermostat etc. (For Server Room)</i>				
5		F.V KOMPRESOR I SISTEMIT "VRV" VERSION POMPE NXEHTESIE MODULAR INVERTER - Kapaciteti termik maksimal ne Ftohje: Q = 78.5 kW - Kapaciteti termik maksimal ne Ngrohje: Q = 87.5 kW - Fuqia elektrike Ft/ng: 22.0 / 21.9 kW - Lidhja Elektrike: 380-415V,50HZ - Kompresori model: Inverter - Lidhjet e tubove Gaz: Ø 19.1 mm - Lidhjet e tubove Leng: Ø 34.9 mm I kompletuar me te gjithë elemente e nevojshem per montim.	kompl.	1		-
		<i>P.I Inverter Compressor for VRV System Modulated Heat Pump Version</i> Cooling Capacity: Q=78.5 kW Heating Capacity: Q=87.5 kW Electrical Power C/H: 22.0/21.9 kW Electrical Connection: 380-415V, 50Hz Compressor Model: Inverter Gas Pipe Connection: Ø 19.1 mm Liquid Pipe Connection: Ø 34.9 mm Complete with all the necessary elements for mounting.				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI: SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL (Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) Price (leke)	Vlera (leke) Value (leke)
6		<p>F.V KOMPRESOR I SISTEMIT "VRV" VERSION POMPE NXEHTESIE MODULAR INVERTER</p> <ul style="list-style-type: none"> - Kapaciteti termik maksimal ne Ftohje: Q = 83.5 kW - Kapaciteti termik maksimal ne Ngruhje: Q = 93.5 kW - Fuqia elektrike Ft/ng: 23.7 / 23.5 kW - Lidhja Elektrike: 380-415V,50HZ - Lidhja Elektrike: 380-415V,50HZ - Kompresori model: Inverter - Lidhjet e tubove Gaz: Ø 19.1 mm - Lidhjet e tubove Leng: Ø 34.9 mm <p>I kompletuar me te gjithë elemente e nevojshem per montim.</p>	kompl.	2		-
		<p><i>P.I Inverter Compressor for VRV System Modulated Heat Pump Version</i></p> <ul style="list-style-type: none"> <i>Cooling Capacity: Q=83.5 kW</i> <i>Heating Capacity: Q=93.5 kW</i> <i>Electrical Power C/H: 23.7 / 23.5 kW</i> <i>Electrical Connection: 380-415V, 50Hz</i> <i>Compressor Model: Inverter</i> <i>Gas Pipe Connection: Ø 19.1 mm</i> <i>Liquid Pipe Connection: Ø 34.9 mm</i> <p><i>Complete with all the necessary elements for mounting.</i></p>				
7		<p>F.V Njesi qendrore e menaxhimit te sistemit VRV (Termostat QENDROR - ON/OFF). Mundesia e lidhjes deri ne 64 njesi/grupe. (Kontroll individual i cdo paisje te brendshme, kontroll kohore, program kalendarik, bllokim termostatesh individual. Kjo paisje duhet te jete e kompletuar me te gjitha elementet e nevojshem per instalim.</p>	kompl.	1		-
		<p><i>P.I Central Unit Management System VRV (Thermostat - ON / OFF). Possibility of connection up to 64 units / groups. (Individual control of each internal device, time control, calendar program, blocking of individual thermostats. This device must be complete with all the necessary elements for installation.</i></p>				
		Shuma 2				-
		Sum 2				
		TOTALI C				-
		TOTAL C				
		D. PUNIMET ELEKTRIKE				
		D. ELECTRICAL WORKS				
		I. Rrjeti I Prizave te Fuqise				
		<i>I. Power Network Sockets</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
1		F.V Prize " Shuko" 16A, 230V, dy module, ngjyre e bardhe	cope	316		-
		<i>P.I Socket " Schucko" 16A, 230V, two modul, white colour</i>				
2		F.V Prize " Shuko" 16A, 230V, dy module, ngjyre e kuqe	cope	50		-
		<i>P.I Socket " Schucko" 16A, 230V, two modul, red colour</i>				
3		F.V Pllake prizash dysHEMEJE, 20module, me kapak, 4 x priza Schucko 16A (Rrjeti) + 4 x Priza Shucko 16A nga (UPS) + 2 x priza interneti RJ45, tip FTP Cat.6	cope	17		-
		<i>P.I Torreto for socket outlet, flush floor mounted, 20modules with cover, 4xSchucko 16A (Network) + 4 x Schucko 16A (UPS) + 2 x RJ45 data sockets, FTP Cat.6 type</i>				
4		F.V Kanaline metalike e peroruar me vrima S=200x75 mm	ml	32		-
		<i>P.I Perforated metallic cable tray S=200x75 mm</i>				
5		F.V Kanaline metalike e peroruar me vrima S=150x75 mm	ml	380		-
		<i>P.I Perforated metallic cable tray S=150x75 mm</i>				
6		F.V Kthesa kanaline horizontale 90°, Bryl 200x75 mm	cope	2		-
		<i>P.I Horizontal 90° cable tray, Elbow 200x75 mm</i>				
7		F.V Kthesa kanaline horizontale 90°, Bryl 150x75 mm	cope	12		-
		<i>P.I Horizontal 90° cable tray, Elbow 150x75 mm</i>				
8		F.V Kthesa kanaline ne zbritje 90°, 200x75 mm	cope	2		-
		<i>P.I Downward 90° cable tray elbow, 200x75 mm</i>				
9		F.V Kthesa kanaline ne zbritje 90°, 150x75 mm	cope	10		-
		<i>P.I Downward 90° cable tray elbow, 150x75 mm</i>				
10		F.V Rakorderi plan "T" 200x75 mm	cope	2		-
		<i>P.I Racord plans "T" 200x75 mm</i>				
11		F.V Rakorderi plan "T" 150x75 mm	cope	16		-
		<i>P.I Racord plans "T" 150x75 mm</i>				
12		F.V Reduksion ne qender kanaline metalike ne plan (200-150)x75 mm	cope	1		-
		<i>P.I Central reduction metallic cable tray (200-150)x75 mm</i>				
13		F.V Konstruksione metalike te kanalinave metalike (profile U, C, suportte mbeshtetes, dado, vida etj)	komplet	1		-
		<i>P.I Metalic Cable trays constructions (U, C profile, support, screws, etc)</i>				
14		F.V Kuti, suportte, kapak, 4 module	cope	160		-
		<i>P.I Boxes, supporting frames, cover plate, 4 modules</i>				
15		F.V Kuti, suportte, kapak, 3 module	cope	42		-
		<i>P.I Boxes, supporting frames, cover plate, 3 modules</i>				
16		F.V Kuti plastike 3 module, jashte murit me kapak IP 55	cope	2		-
		<i>P.I 3 module plastic box , surface mounting with cover IP55</i>				
17		F.V Kuti plastike 4 module, jashte murit me kapak IP 55	cope	3		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
		<i>P.I 4 module plastic box, surface mounting with cover IP55</i>				
18		F.V Kuti shperndares , montim brenda murit PT-6, IP40	cope	32		-
		<i>P.I PVC Distribution box, flush mounting type, PT-6, IP40</i>				
19		F.V Kuti shperndares, montim brenda murit PT-7, IP 40	cope	11		-
		<i>P.I PVC distribution box, flush mounting type, PT-7, IP40</i>				
20		F.V Zile elektrike D75, 230V, 75 dB	cope	7		-
		<i>P.I Electric bell, D75, 230V, 75dB</i>				
21		F.V Celes buton pulsant	cope	1		-
		<i>P.I Push button switch</i>				
22		F.V Tub i drejte rigid Ø=25mm, se bashku me brryla, Ti, bashkuese, aksesore per fiksimin e tubit ne tavan etj	ml	80		-
		<i>P.I Rigid pipe d=25mm, included with elbow, Ti, connectors, fixing accessories for surface pipe installation etcc</i>				
23		F.V Tub i drejte rigid Ø=20mm, se bashku me brryla, Ti, bashkuese, aksesore per fiksimin e tubit ne tavan etj	ml	140		-
		<i>P.I Rigid pipe d=20mm, included with elbow, Ti, connectors, fixing accessories for surface pipe installation etcc</i>				
24		F.V Tub plastmasi Ø 31 ~ 36 mm	ml	1000		-
		<i>P.I PVC flexible pipe, Ø 31 ~ 36 mm</i>				
25		F.V Tub plastmasi Ø 22 ~ 26 mm	ml	3200		-
		<i>P.I PVC flexible pipe, Ø 22 ~ 26 mm</i>				
26		F.V Tub plastmasi Ø 18 ~ 21 mm	ml	1600		-
		<i>P.I PVC flexible pipe, Ø 18 ~ 21 mm</i>				
		Shuma / Sum 1				-
		II. Rrjeti i Kablllove te Fuqise				
		<i>II. Power Network Cables</i>				
27		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = (1x150)mm ²	ml	135		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVC sheath, Un=0,6/1 kV, FG7(O)R type, S =(1x150) mm²</i>				
28		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = (1x95)mm ²	ml	35		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVC sheath, Un=0,6/1 kV, FG7(O)R type, S =(1x95) mm²</i>				
29		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 5 x 10 mm ²	ml	300		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVCs heath, Un=0,6/1 kV, FG16OR16 type, S = 5 x 10 mm²</i>				

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30		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 5 x 6 mm ²	ml	700		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVCs heath, Un=0,6/1 kV, FG16OR16 type, S = 5 x 6 mm²</i>				
31		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 5 x 4 mm ²	ml	50		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVCs heath, Un=0,6/1 kV, FG16OR16 type, S = 5 x 4 mm²</i>				
32		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 5 x 2.5 mm ²	ml	200		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVCs heath, Un=0,6/1 kV, FG16OR16 type, S = 5 x 2.5 mm²</i>				
33		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 3 x 4 mm ²	ml	1800		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVC sheath, Un=0,6/1 kV, FG16OR16 type, S = 3 x 4 mm²</i>				
34		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 3 x 2,5 mm ²	ml	490		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVC sheath, Un=0,6/1 kV, FG16OR16 type, S = 3 x 2,5 mm²</i>				
35		F.V Percjelles nje polar, me izolim PVC, djeg.pa flake dhe emetim gazi, Un=450/750 V, tip N07V-K, S = 1 x 4 mm ²	ml	300		-
		<i>P.I Single core PVC insulated cable, fire retardant and under PVC sheath, Un=450/750 V, N07V-K type, S = 1 x 4 mm²</i>				
36		F.V Percjelles nje polar, me izolim PVC, djeg.pa flake dhe emetim gazi, Un=450/750 V, tip N07V-K, S = 1 x 2.5 mm ²	ml	4600		-
		<i>P.I Single core PVC insulated cable, fire retardant and under PVC sheath, Un=450/750 V, N07V-K type, S = 1 x 2,5 mm²</i>				
37		F.V Terminale fundore per kablo TU Un=0.6/1 kV; S=1x150mm ²	cope	3		-
		<i>P.I Cable terminal for LV cable, Un=0.6/1 kV; S=1x150mm²</i>				
38		F.V Terminale fundore per kablo TU Un=0.6/1 kV; S=1x95mm ²	cope	3		-
		<i>P.I Cable terminal for LV cable, Un=0.6/1 kV; S=1x95mm²</i>				
39		F.V Terminale fundore per kablo TU Un=0.6/1 kV; S=(6-10)mm ²	set	1		-
		<i>P.I Cable terminal for LV cable, Un=0.6/1 kV; S=(6-10)mm²</i>				
40		F.V Terminale fundore per kablo TU Un=0.6/1 kV; S=(1.5-4)mm ²	set	1		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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		<i>P.I Cable terminal for LV cable, Un=0.6/1 kV; S=(1.5-4)mm²</i>				
		Shuma / Sum 2				-
		III. Panellet dhe Kuadrot Shperndares Elektrike				
		<i>III. Electrical Distribution Boards and Panel</i>				
41		F.V Paneli Elektrik Kryesor Kati Perdhe - Shkolla (M.E.P.G.F-S) - Me dere metalike, IK08 me xham transparent ; - Me analizator digital te parametrave te rretit me dalje; - Komp.me zbara bakri & aksesori; - Shkalla e mbrojtjes: tip metalik, jashte murit per mbeshjtetje ne toke, IP40; - (i kompletuar me te gjitha aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-
		<i>P.I Main Electrical Panel Ground Floor - School (M.E.P.G.F-S) - With Digital Analyser of Electrical Parameters - With metallic door, IK 08 mith transparent glass - Complete with all accessories J/m; - IP protection degree: metallic type, floorstanding, IP 40; - (completed with all accessories, according to the scheme given in the design)</i>				
42		F.V Panel Elektrik Ambienti Teknik - Shkolla (T.R.E.P-S) - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - Me dere me celes, IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip metalik, montim jashte murit IP 40; - (i kompletuar me te gjitha aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-
		<i>P.I Technical Room Electrical Panel - School (T.R.E.P-S) - With overvoltage discharge 3~ 400V/ 50Hz; - 56 modules with key lock door IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: metallic type, surface mounting IP 40; - (completed with all accessories, according to the scheme given in the design)</i>				
43		F.V Kuadri Elektrik Shperndares 1 Kati +0 - Shkolla (E.D.B1.G.F-S) - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip plastik, montim brenda murit IP 40; - (i kompletuar me te gjitha aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) Price (leke)	Vlera (leke) Value (leke)
		<i>P.I Electrical Distribution Board 1 Ground Floor - School (E.D.B1.G.F-S)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: plastic type, flush mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
44		F.V Kuadri Elektrik Shperndares 2 Kati +0 - Shkolla (E.D.B2.G.F-S) - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip plastik, montim brenda murit IP 40; - (i kompletuar me te gjithë aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-
		<i>P.I Electrical Distribution Board 2 Ground Floor - School (E.D.B2.G.F-S)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: plastic type, flush mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
45		F.V Kuadri Elektrik Shperndares 1 Kati +1 - Shkolla (E.D.B1.F.F-S) - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip plastik, montim brenda murit IP 40; - (i kompletuar me te gjithë aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-
		<i>P.I Electrical Distribution Board 1 First Floor - School (E.D.B1.F.F-S)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: plastic type, flush mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
46		F.V Kuadri Elektrik Shperndares 2 Kati +1 - Shkolla (E.D.B2.F.F-S) - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip plastik, montim brenda murit IP 40; - (i kompletuar me te gjithë aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) Price (leke)	Vlera (leke) Value (leke)
		<i>P.I Electrical Distribution Board 2 First Floor - School (E.D.B2.F.F-S)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: plastic type, flush mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
47		<i>F.V Kuadri Elektrik Shperndares Kati Pare - Kabineti Informatikes (E.D.B.F.F-I.C)</i> - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip metalik, montim jashte murit IP 40; - (i kompletuar me te gjithë aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-
		<i>P.I Electrical Distribution Board First Floor - Info. Cabinet (E.D.B.F.F-I.C)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: metallic type, surface mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
48		<i>F.V Kuadri Elektrik Shperndares Kryesor Kati Pare - UPS (E.D.B.F.F-UPS)</i> - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip metalik, montim jashte murit IP 40; - (i kompletuar me te gjithë aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-
		<i>P.I Main Electrical Distribution Board First Floor - UPS (M.E.D.B.F.F-UPS)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: metallic type, surface mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
49		<i>F.V Kuadri Elektrik Shperndares 1 Kati +2 - Shkolla (E.D.B1.S.F-S)</i> - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip plastik, montim brenda murit IP 40; - (i kompletuar me te gjithë aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) Price (leke)	Vlera (leke) Value (leke)
		<i>P.I Electrical Distribution Board 1 Second Floor - School (E.D.B1.S.F-S)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: plastic type, flush mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
50		F.V Kuadri Elektrik Shperndares 2 Kati +2 - Shkolla (E.D.B2.S.F-S) - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip plastik, montim brenda murit IP 40; - (i kompletuar me te gjithë aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-
		<i>P.I Electrical Distribution Board 2 Second Floor - School (E.D.B2.S.F-S)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: plastic type, flush mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
51		F.V Kuadri Elektrik Shperndares Kati +2 - Kabineti Informatikes (E.D.B.S.F-I.C) - Me shkarkues mbitensioni 3~ 400V/ 50Hz; - IK07 me xham transparent; - Komp.me kit zbara & aksesori J/m; - Shkalla e mbrojtjes: tip palstik, montim brenda murit IP 40; - (i kompletuar me te gjithë aksesoret, sipas skemes qe jepet ne projekt)	komplet	1		-
		<i>P.I Electrical Distribution Board Second Floor - Info. Cabinet (E.D.B.S.F-I.C)</i> - With overvoltage discharge 3~ 400V/ 50Hz; - IK07 with transparent glass; - Complete with all accessories J/m; - IP protection degree: plastic type, flush mounting IP 40; - (completed with all accessories, according to the scheme given in the design)				
		Shuma / Sum 3				-
		IV. Rrjeti I Ndrçimit Normal dhe Emergjencës				
		<i>IV. Normal and Emergency Lighting Network</i>				
52		F.V Kuti, suport, kapak, 3 module	cope	86		-
		<i>P.I Boxes, supporting frames, cover plate, 3 modules</i>				
53		F.V Celes i thjeshte nje polar 16A, 230V	cope	162		-
		<i>P.I One way single pole switch 16A, 230V</i>				
54		F.V Çeles buton pulsant 16A, 230V	cope	20		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) <i>Price (leke)</i>	Vlera (leke) <i>Value (leke)</i>
		<i>P.I Push button switch 16A, 230V</i>				
55		F.V Kuti shperndares 10x10x10cm, montim jashte tavanit IP55	cope	60		-
		<i>P.I Distribution box 10x10x10cm, surface mounting IP55</i>				
56		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 3 x 1,5 mm ²	ml	650		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVC sheath, Un=0,6/1 kV, FG16OR16 type, S = 3 x 1,5 mm²</i>				
57		F.V Kablo multipolar bakri, Un=0,6/1 kV, tip FTG100M1 type, S = 3 x 1,5 mm ² , rezistent ndaj zjarrit perj 90min	ml	460		-
		<i>P.I Multicore copper cable, 90min fire retardant , Un=0,6/1 kV, FTG100M1 type, S = 3 x 1,5 mm²</i>				
58		F.V Percjelles nje polar, me izolim PVC, djeg.pa flake dhe emetim gazi, Un=450/750 V, tip N07V-K, S = 1 x 1.5 mm ²	ml	4200		-
		<i>P.I Single core PVC insulated cable, fire retardant and under PVC sheath, Un=450/750 V, N07V-K type, S = 1 x 1,5 mm²</i>				
59		F.V Tub plastmasi Ø 22 ~ 26 mm	ml	500		-
		<i>P.I PVC flexible pipe, Ø 22 ~ 26 mm</i>				
60		F.V Tub plastmasi Ø 18 ~ 21 mm	ml	1600		-
		<i>P.I PVC flexible pipe, Ø 18 ~ 21 mm</i>				
		Shuma / Sum 4				-
		V. Rrjeti i Detektimit te Zjarrit				
		<i>V. Fire Detection Network</i>				
61		F.V Kablo i kuq alarmi zjarri, rezistent ndaj zjarrit S=2x1mm ² , tipi FG40HM1, PH.30min	ml	985		-
		<i>P.I Red colour fire alarm cable, fire reterdant, S=2x1mm², type FG40HM1, PH.30min</i>				
62		F.V Kuti shperndarese , montim jashte murit PT-2-5, IP40	cope	56		-
		<i>P.I PVC Distribution box, surface mounting type, PT-5, IP40</i>				
63		F.V Tub plastmasi Ø 18 ~ 21 mm	ml	580		-
		<i>P.I PVC flexible pipe, Ø 18 ~ 21 mm</i>				
		Shuma / Sum 5				-
		VI. Rrjeti I Prizave te IT				
		<i>VI. IT Network Sockets</i>				
64		F.V Priza interneti, tip RJ-45 FTP - Cat.6, metalike e skermuar	cope	60		-
		<i>P.I Internet sockets RJ-45 FTP - Cat.6 type, foil screen shielded</i>				
65		F.V Priza telefonie, tip RJ-45 FTP - Cat.6, metalike e skermuar	cope	5		-
		<i>P.I Telephony sockets, RJ-45 FTP - Cat.6 type, foil screen shielded</i>				
66		F.V Konektore lidhes rrjeti me dy koka RJ-45 FTP-Cat.6, L=0.5m, metalike e skermuar	cope	110		-
		<i>P.I RJ-45 FTP Cat.6 Patch Cord, L=0.5m, foil screen shielded</i>				

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OBJEKTI: SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL (Godina e Shkolles)

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67		F.V Kutit, suportet, kapak, 3 module	cope	56		-
		<i>P.I Boxes, supporting frames, cover plate, 3 modules</i>				
68		F.V Kutit shperndares , montim brenda murit PT-6, IP40	cope	20		-
		<i>P.I PVC Distribution box, flush mounting type, PT-6, IP40</i>				
69		F.V Kablo rrejtë kompjuterik , tip F/FTP - Cat.6, 350MHz deri ne 400 MHz, LSZH	ml	4000		-
		<i>P.I F/FTP-Cat.6 data network cable, 350MHz deri ne 400MHz, LSZH</i>				
70		F.V Tub plastmasi Ø 22 ~ 26 mm	ml	1800		-
		<i>P.I PVC flexible pipe, Ø 22 ~ 26 mm</i>				
		Shuma / Sum 6				-
		VII. Rjeti I Sistemit i Vezhgimit CCTV				
		<i>VII. CCTV System Surveillance Network</i>				
71		F.V Koka per kablo rrejtë, tip RJ-45 FTP-Cat.6, metalike e skermuar	cope	17		-
		<i>P.I RJ-45 keystone, FTP-Cat.6 type, foil screen shielded</i>				
72		F.V Konektore lidhes rrejtë me dy koka RJ-45 FTP-Cat.6, L=0.5m, metalike e skermuar	cope	17		-
		<i>P.I RJ-45 FTP Cat.6 Patch Cord, L=0.5m, foil screen shielded</i>				
73		F.V Kablo rrejtë kompjuterik, tip F/FTP-Cat.6, 350MHz deri ne 400 MHz, LSZH	cope	950		-
		<i>P.I F/FTP-Cat.6 data network cable, 350MHz deri ne 400MHz, LSZH</i>				
74		F.V Aksesore montimi te pershtatshem per instalimin e kamerave te jashtme dhe te brendshme	cope	17		-
		<i>P.I Suitable mounting accessories for inside and outside camera installation</i>				
75		F.V Tub plastmasi Ø 22 ~ 26 mm	ml	560		-
		<i>P.I PVC flexible pipe, Ø 22 ~ 26 mm</i>				
		Shuma / Sum 7				-
		VIII. Emergency Voice Evacuation System				
		<i>VIII. Sistemi I Lajmerimit Publik Zanor</i>				
76		F.V Kablo zjarr durues 2x1.5mm2 [FRS15 FE 180 PH 90]	ml	440		-
		<i>P.I Fire resistant cable 2x1.5mm2[FRS15 FE 180 PH 90]</i>				
77		F.V Kabell I parafabrikuar per komunikim central-amplifikator	cope	1		-
		<i>P.I Prefabricated cable for central-amplification communication</i>				
78		F.V Kabell I parafabrikuar per komunikim central-mikrofon	cope	1		-
		<i>P.I Prefabricated cable for central-microphone communication</i>				
79		F.V Kablo rrejtë kompjuterik, tip F/FTP-Cat.6, 350MHz deri ne 400 MHz, LSZH	cope	150		-
		<i>P.I F/FTP-Cat.6 data network cable, 350MHz deri ne 400MHz, LSZH</i>				

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80		F.V Kuti shperndarese , montim jashte murit PT-2-5, IP40	cope	26		-
		<i>P.I PVC Distribution box, surface mounting type, PT-5, IP40</i>				
81		F.V Tub plastmasi Ø 18 ~ 21 mm	ml	240		-
		<i>P.I PVC flexible pipe, Ø 18 ~ 21 mm</i>				
		Shuma / Sum 8				-
		IX. Rrjeti i Tokëzimit dhe Mbrojtjes Atmosferike				
		<i>IX. Earthing and Lightning Protection System</i>				
82		F.V Elektroda tokezimi, profil zingato e bakerizuar, kryq 50x50x5 mm, L=2m	cope	16		-
		<i>P.I Earthing electrode, coppery zing profile, crossed 50x50x5 mm, L=2m</i>				
83		F.V Shirit zingato Fe/Zn 30x5mm	ml	1020		-
		<i>P.I Galvanized steel stripe Fe/Zn 30x5mm</i>				
84		F.V Shtize rrufepritese, tub zingato Ø=20mm, H=50cm, per mbrojtjen nga goditjet atmosferike	cope	22		-
		<i>P.I Galvanised steel lighting Rod Ø=20mm, H=50cm, for protection against atmospheric discharges</i>				
85		F.V Percjelles bakri I veshur me izolim PVC, ngjyre verdhe-jeshile CU, S=1x35 mm ²	ml	15		-
		<i>P.I PVC insulated copper conductor, with yellow-green colour, CU, S=1x35mm²</i>				
86		F.V Kasete e regjistrueshme me kapak metalik per instalimin e zbares tokezuese te percjillesave zbrates, per instalim ne mur me sistem kapote	cope	15		-
		<i>P.I Recordable cassette with metal cap for installing the earthing busbar of down conductor, for installation in the etics wall system</i>				
87		F.V Shkeputes tokezimi, per matjen e rezistences	cope	15		-
		<i>P.I Grounding disconnection for rezistance measurement</i>				
88		F.V Zbare tokëzimi bakri me 4 terminale, 230 x 50 x 5mm	cope	1		-
		<i>P.I Cooper Earthing Busbars Single-Row, with 4 terminals, 230x50x5 mm</i>				
89		F.V Morseta bashkuese "T" & "X" universale tokezimi 30x5mm	cope	136		-
		<i>P.I "X" Cross & "T" universal earthing clamp 30x5mm</i>				
90		F.V Morseta bashkuese hekur Fe & shirit tokezimi 30x5mm	cope	200		-
		<i>P.I Fe Steel & flat strip 30x5 earthing clamp 30x5mm</i>				
91		F.V Kubike betoni me izolim PVC 10x10x15cm	cope	325		-
		<i>P.I Concrete cube 10x10x15cm coated with PVC</i>				
92		F.V Aksesore montimi, kapse, vida, dado etj	komplet	1		-
		<i>P.I Mounting accessories, screws, etc.</i>				
		Shuma / Sum 9				-
		X. Outdoor Infrastructure				
		<i>X. Infrastruktura e Jashtme</i>				

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93		F.V Puseta betoni per linjen kryesore te furnizimit me energji elektrike, me kapak gize te rende me dim. 100x100x100cm	cope	5		-
		<i>P.I Concrete manholes for main power supply line, with cast-iron cap 100x100x100cm</i>				
94		F.V Puseta betoni per linjen kryesore te furnizimit me energji elektrike, me kapak gize te rende me dim. 80x80x80cm	cope	7		-
		<i>P.I Concrete manholes for main power supply line, with cast-iron cap 80x80x80cm</i>				
95		F.V Puseta betoni per linjen kryesore te furnizimit te rrjetit te Internetit dhe telefonise, me kapak gize te rende me dim. 60x60x60cm	cope	3		-
		<i>P.I Concrete manholes for main Internet and telephone supply lines, with cast-iron cap 60x60x60cm</i>				
96		F.V Puseta betoni, me kapak gize te rende me dim. 40x40x40cm per ndricimin e jashtem	cope	7		-
		<i>P.I Concrete manholes, with cast-iron cap 40x40x40cm for outside lighting</i>				
97		F.V Panel metalik IP65(700x550x250mm) per instalimin e furnzuesve te internetit	cope	1		-
		<i>P.I Metallic Panel IP65(700x550x250mm) for internet provider</i>				
98		F.V Tubo HD-PE Ø=200mm, tip i rende me rezistence te larte mekanike	ml	510		-
		<i>P.I HD-PE pipe for Ø=200mm, heavy type, with high mechanical resistivity</i>				
99		F.V Tubo korregato Ø=160mm, tip i rende me rezistence te larte mekanike	ml	195		-
		<i>P.I Corrugato pipe for Ø=160mm, heavy type, with high mechanical resistivity</i>				
100		F.V Tubo korregato Ø=90mm, tip i rende me rezistence te larte mekanike	ml	80		-
		<i>P.I Corrugato pipe for Ø=90mm, heavy type, with high mechanical resistivity</i>				
101		F.V Tubo korregato Ø=63mm, tip i rende me rezistence te larte mekanike	ml	230		-
		<i>P.I Corrugato pipe for Ø=63mm, heavy type, with high mechanical resistivity</i>				
102		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 4 x 2,5 mm ²	ml	100		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVC sheath, Un=0,6/1 kV, FG16OR16 type, S = 4 x 2,5 mm²</i>				
103		F.V Kablo multipolar bakri me izolim PVC, djeg.pa flake dhe emetim gazi, Un=0,6/1 kV, FG16OR16 type, S = 3 x 1,5 mm ²	ml	40		-
		<i>P.I Multicore PVC insulated cable, fire retardant and under PVC sheath, Un=0,6/1 kV, FG16OR16 type, S = 3 x 1,5 mm²</i>				
104		F.V Rele kohe me programim	cope	1		-
		<i>P.I Programming Time relay</i>				
105		F.V Elektrodë tokëzimi tip profil zingato L=1.5ml	cope	7		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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		<i>P.I Earthing electrodes, galvanized steel profile, L=1.5m</i>				
106		F.V Percjelles NO7V-K verdhe-jeshil S=1x16mm ²	ml	15		-
		<i>P.I NO7V-K yellow-green conductor S=1x16mm²</i>				
107		F.V Shirit sinjalizues	ml	400		-
		<i>P.I Signalling strip</i>				
108		F.V Rere e imet	m3	10		-
		<i>P.I Fine Sand</i>				
109		F.V Germim dheu me eskavator me goma 0.25 m3 ne kanale me gjeresi deri 2 m ,prani uji kat III me shkarkim ne mjet	m3	8		-
		<i>P.I Excavation of soil with excavator machine with tires 0.25 m3 in canals up to 2 m wide, presence of water floor III with discharge to the machine</i>				
110		F.V Germim dheu me eskavator me goma 0.25 m3 ne kanale me gjeresi deri 2 m ,prani uji kat III me shkarkim ne toke	m3	6		-
		<i>P.I Excavation of soil with excavator machine with tires 0.25 m3 in canals up to 2 m wide, presence of water floor III with discharge to the ground</i>				
111		F.V Hedhje, rrafshim, mbushje dheu me krah, kategoria III	m3	7		-
		<i>P.I Throwing, flattening, filling soil with arm, category III</i>				
		Shuma / Sum 10				-
		D1. PAISJE ELEKTRIKE / ELECTRICAL EQUIPMENTS				
		I. Pajisjet e UPS				
		<i>I. UPS Equipment</i>				
1		F.V UPS, 3-fazor, Online - I kompletuar me bateri - Fuqia: 30 kVA - Tensioni ne hyrje: 400 V - Tensioni ne dalje: 400 V - Frekuenca: 50 Hz - Niveli i zhurmave: < 45 dBA - Temperatura e punës: 0 – 40 ° - Autonomia UPS : 15 minuta	cope	1		-
		<i>P.I UPS, Three-phase, Online - Completed with battery - Nominal power: 30 kVA - Input voltage: 400 V - Output voltage: 400 V - Frequency: 50 Hz - Noise level: < 45 dBA - Operating temperature: 0 – 40 ° - UPS autonomy : 15 minutes</i>				
		Shuma / Sum 11				-
		II. Normal and Emergency Lighting Network				
		<i>II. Rrjeti i Ndiricimit Normal dhe Emergences</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

OBJEKTI:SHKOLLA Mesme e Bashkuar "RAMAZAN KARAJ", NIKEL(Godina e Shkolles)

Nr./No.	Ref.	Emërtimi i procesit të punës <i>Work process</i>	Njësia <i>Unit</i>	SASITE <i>Quantity</i>	Çmimi (leke) Price (leke)	Vlera (leke) Value (leke)
2		F.V Ndrriçues LED Panel inkaso, 60x60cm, 36W, 3600lm, 4000K	cope	375		-
		<i>P.I Recessed LED Panel luminaries, 60x60cm, 36W, 3600lm, 4000K</i>				
3		F.V Ndrriçues cilindrik LED, i montuar jashtë tavanit 25W, 2300lm, 4000K	cope	10		-
		<i>P.I Cylindrical surface ceiling mounted, LED luminaries, 25W, 2300lm, 4000K</i>				
4		F.V Ndrriçues plafon rrethor LED jashte murit, 18W, IP44	cope	66		-
		<i>P.I Round surfac eceiling mounted, LED luminaries, 18W, IP44</i>				
5		F.V Ndrriçues industrial LED L=1.2m, 43W, IP 65, 4000K, me difuzor opal hermetik	cope	4		-
		<i>P.I Industrial LED lighting, L=1.2m, 37W, IP 65, 4000K, with hermetic opal difusor</i>				
6		F.V Ndrriçues LED plafon, I montuar jashte murit 25W, 2300lm, 4000K, IP65	cope	3		-
		<i>P.I Surface wall mounted Led luminares, 25W, 2300lm, 4000K, IP65</i>				
7		F.V Ndrriçues evakuimi me shenjë tregues dalje (EXIT), rezistent ndaj zjarrit IP-40, IK 07, LED 8W bat.NiCd me autonomi 3orë	cope	18		-
		<i>P.I Evacuation luminaries with sign direction (EXIT), LED 8W IP40, with battery NiCd-operational autonomy 3 hours</i>				
8		F.V Ndrriçues emergjence, rezistent ndaj zjarrit, LED 8W, IK 07, IP-65,me bat.NiCd me autonomi 3orë	cope	36		-
		<i>P.I Emergency luminaries recessed mounted, LED 8W, IK 07 IP65, with battery NiCd-operational autonomy 3 hours</i>				
		Shuma / Sum 12				-
		III. Outdoor Lighting Network				
		<i>III. Rrjeti i Ndiricimit te Jashtem</i>				
9		F.V Ndrriçues prozhektor LED, 100W, IP66	cope	11		-
		<i>P.I Floodlight LED lighting fixture 100W, IP66</i>				
10		F.V Shtyllë ndrriçimi konike, çeliku e zinguar në të nxehtë dhe e lyer me bojë elektrostatische H=4.8m	cope	7		-
		<i>P.I Conical decorative lighting, galvanised steel lighting poles H=4.8m</i>				
11		F.V Ndrriçues konik dekorativ me llambë LED 53W, IP65	cope	7		-
		<i>P.I Decorativ conic luminaire with LED lamp 53W, IP65</i>				
		Shuma / Sum 13				-
		IV. Rrjeti i Detektimi te Zjarrit				
		<i>IV. Fire Detection Network</i>				
12		F.V Central i alarmit te zjarrit, me 2 loop, tip inteligjent, i adresueshem, me regjistrim ngjarjesh, modul komunikimi, grafik karte, me porte kompjuterike, i programueshem, i pajisur me bateri me 72 ore pavaresi (Programim, testim & komisionim i sistemit te detektimit te zjarrit)	cope	1		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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		<i>P.I Fire alarm control panel (F.A.C.P), with 2 loop, shall be intelligent, analog / addressable, with communication module RS-232, with internet ports, card configuration, with registration events, programmable and with battery set for 72 hours battery autonomy (Fire detection system programming, test and commissioning)</i>				
13		F.V Detektore tymi multi sensitiv, inteligjent te adresueshem, me modul komunikimi	cope	102		-
		<i>P.I Intelligent, addressable, multi sensitive smoke detector with communication module</i>				
14		F.V Detektore temperature multi sensitiv, inteligjent te adresueshem, me modul komunikimi	cope	9		-
		<i>P.I Intelligent, addressable, multi sensitive smoke detector with communication module</i>				
15		F.V Llambe sinjalizimi instaluar ne tavanin e varur	cope	25		-
		<i>P.I Flashing beacon installed in false ceiling</i>				
16		F.V Pulsant manual alarmi zjarri (me thyerje xhami), inteligjent i adresueshem me modul komunikimi, tip 1469, IP-55	cope	8		-
		<i>P.I Manual fire alarm push button (glass breaking), intelligent with addressable communication module status, type 1469, IP-65</i>				
17		F.V Sirena alarmi zjarri, me ndricues me llambe vezulluese, per vendosje ne ambient te brendshem, tip inteligjent te adresuesheme, me intesitet 120dB.	cope	7		-
		<i>P.I Indoor optical and accoustic fire alarm siren, intelligent with addressable communication module, 120 dB intensity</i>				
18		F.V Sirena alarmi zjarri, me ndricues me llambe vezulluese, per vendosje ne ambient te jashtem, tip inteligjent te adresuesheme, me intesitet 120dB.	cope	4		-
		<i>P.I Outdoor fire alarm siren, with flashing beacon, intelligent with addressable communication module, 120 dB intensity</i>				
		Shuma / Sum 14				-
		V. Rrjeti i IT dhe Telefonise				
		<i>V. IT & Telehone Network</i>				
19		F.V RACK kompjuterik 19" 32U (Dimesionet 600x800x1460mm), me 2 module ushqimi me 8 priza " Shuko " 230V/16A + PE, I kompletuar grupin e modulit te ventilimit	cope	1		-
		<i>P.I 19" 32U RACK (Dimensions W.600xD.800xH.1460mm), with 2 supply module with 8 " Schuko" socket 230V/16A + PE, completed with fan moulde group</i>				
20		F.V Central i sistemit te telefonie PABX 4 linja hyrje, 12 linja dalje	cope	1		-
		<i>F.I Telephone Switch Board PABX 4 input lies, 12 output lines</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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21		F.V Patch panel per rrjetin e internetit + TF, me 24 porta RJ-45, tip FTP-Cat.6	cope	4		-
		<i>P.I Patch panel for internet + telephone network, with 24 RJ-45 port, FTP-Cat.6 type</i>				
22		F.V Switch per rrjetin e IT-së, me 24 porta RJ-45 + 2 porte per fiber optike, tip FT -Cat.6	cope	4		-
		<i>P.I Switch for IT network, with 24 RJ-45 ports + 2 ports for optical fibre, FTP-Cat.6 type</i>				
23		F.V Patch cord fiber optike me 2 koka konektoriale L=1m	cope	8		-
		<i>P.I Optical fiber patch with 2 side connection L=1m</i>				
		Shuma / Sum 15				-
		VI. Rjeti I Sistemit i Vezhgimit CCTV				
		<i>VI. CCTV System Surveillance Network</i>				
24		F.V Kamera e brendshme, tip Dome POE IP, 5Mpx	cope	9		-
		<i>P.I Indoor camera, IP POE Dome type, 5Mpx</i>				
25		F.V Kamera e jashtme, tip Bullet IP POE, 5Mpx, IP 66	cope	8		-
		<i>P.I Outdoor camera, IP POE Bullet type, 5Mpx, IP66</i>				
26		F.V NVR (Network Video Recorder-Shkolla+Palestra), me 32 kanale, 1U, 19" per montim ne rack, (Programim, testim & komisionim i sistemit te vezhgimit CCTV)	cope	1		-
		<i>P.I NVR (Network Video Recorder-School+Gym), 32channels, 1U, 19" case, rack mounted (CCTV system programmer, test and commissioning)</i>				
27		F.V Patch panel per rrjetin e CCTV, me 24 porta RJ-45, tip FTP-Cat.6	cope	1		-
		<i>P.I Patch panel for CCTV network, with 24 RJ-45 port, FTP-Cat.6 type</i>				
28		F.V Switch i menaxhueshem Smart POE me 24 Porta RJ45 FTP Cat.6 + 2 porte per fiber optike, tip FT -Cat.6	cope	1		-
		<i>P.I POE Manageable Smart Switch with 24 RJ 45 FTP Cat.6 + 2 ports for optical fibre, FTP-Cat.6 type</i>				
29		F.V HDD 4TB 3,5 inch. Kapaciteti 4000GB, Sata. Purple HDD (i dizenuar vecanerisht per Security, per te punuar 7dite ne Jave, 24 ore. Si edhe me jetegjatesi me te gjate se nje HDD i zakonshem kompjuteri ndaj ofron me shume garanci ne sherbim)	cope	1		-
		<i>P.I HDD 4TB 3.5 inch. Capacity 1000GB, Sata, Purple HDD (designed for Security, to work 7 days on week, for 24 hours.)</i>				
30		F.V Monitor 32" LED, per monitorimin e kamerave	cope	1		-
		<i>P.I 32" LED monitor, for camera monitoring</i>				
		Shuma / Sum 16				-
		VII. Sistemi I Lajmerimit publik Zanor				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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		<i>VII. Emergency Voice Alarm and Communication System</i>				
31		F.V RACK Audio 19" 15U (Dimesionet 600x600x760mm), me 1 modul ushqimi me 8 priza " Shuko " 230V/16A + PE, I kompletuar grupin e modulit te ventilimit	cope	1		-
		<i>P.I 19" 15U Audio RACK (Dimensions 600x600x760mm), with 1 supply module with 8 " Schuko" socket 230V/16A + PE, completed with fan moulde group</i>				
32		F.V Boks tavanor inkaso, 6W, me transformator @100V, tip metalik, rezistent ndaj zjarrit, i certifikuar EN 54-24	cope	22		-
		<i>P.I Recessed ceiling loudspeaker, 6W, @100V transformer, with metallic fire dome case with certified according to EN 54-24 standard</i>				
33		F.V Boks tip projektor audio, 20W, me transformator @100V, tip metalik, IP65, rezistent ndaj zjarrit, i certifikuar EN 54-24	cope	4		-
		<i>P.I Sound projector, 20W, @100V transformer, fire dome, IP65 with certified according to EN 54-24 standard</i>				
34		F.V Amplifikator Fugje me shume kanale sipas certifikimit EN 54-16 dhe ne perputhje EN 60849, 250 W me 4 Zona (sipas sistemit te zgjedhur)	cope	1		-
		<i>P.I Multi-Channel Power Amplifier 250W, according to EN 54-16 certificate and EN 60849 comliant, with 4 zones (according to the selected system)</i>				
35		F.V Njesi qendrore kontrolli Central controlling unit [Digital Int. System Manager] sipas certifikimit EN 54-16 dhe ne perputhje EN 60849, t, me 4 zona dhe me mundesi zgjerimi, 4 hyrje audio, 4 dalje audio, me mundesi komunikimi ne rrjet me centralin e zjarrit apo zgjerimi (sipas sistemit te zgjedhur)	cope	1		-
		<i>P.I 4 zone mixing ampliferfor audio system Central controlling unit of voice alarm and communication system [Digital Int. System Manager] EN 54-16 certified and EN 60849 compliant, with 4 zones and with the possibility of expansion, 4 audio inputs, 4 audio outputs, with possibility of network communication with the fire center or extension (according to the selected system)</i>				
36		F.V Mikrofon sipas certifikimit EN 54-16 dhe ne perputhje EN 60849, Touchscreen dhe me mundesi komandimi te te gjitha zonave (sipas sistemit te zgjedhur)	cope	1		-
		<i>P.I Microphone according to EN 54-16 certificate and EN 60849 comliant, touch and control in all zones (according to the selected system)</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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37		F.V Modul ushqimi per te gjithë elementet te sistemi te lajmerimit publik zanor dhe audio, se bashku me grupin e baterive, I kompletuar me te gjithë aksesoret sipas certifikimit te standardit EN 54-16 dhe EN 60849	cope	1		-
		<i>P.I Power supply unit for all elements of emergency voice alarm and public address system, look at the battery pack, I complete with all accessories according to the certification of standard EN 54-16 and EN 60849</i>				
38		F.V Panel i alarmit ne raste emergjence me mikrofon per lajmerimit publik, I kompletuar me te gjithë aksesoret sipas certifikimit te standardit EN 54-16 dhe EN 60849	cope	1		-
		<i>P.I Fireman's and emergency voice alarm Panel</i>				
39		F.V Tuner/CD Player MP02 me komunikim me centralin e lajmerimit publik zanor	cope	1		-
		<i>P.I Tuner/CD Player MP02 with communcation with emergency voice alarm and public adress central</i>				
40		F.V Pajisje ne fund te linjes per kontrollin e linjes se audios, sipas certifikimit te standardit EN 54-16 dhe EN 60849	cope	4		-
		<i>P.I End of Line device for control of zone line audio, according to the certification of standard EN 54-16 and EN 60849</i>				
41		F.V Programim, testim dhe komisionim i sistemit te sinjalizimit zanor	komplet	1		-
		<i>P.I Programming, testing and commissioning of sound diffusion system</i>				
		Shuma / Sum 17				-
		D2. Kabina Elektrike T.M/T.U 20/04kV				
		<i>D2. M.V/L.V 20/04kV Electric Transformer Station</i>				
1		F.V Transformator i thate + boksin rrethues te TR per ambient te brendshem IP20 - Fuqia Nominale: 315kVA - Tensioni : 20/0,4 kV - Frekuenca: 50Hz - Uk (%) = 6% - Grupi i lidhjes Dy11 n (trekëndësh nga ana e tensionit të larte dhe yll me neuter të tokëzuar nga ana e tensionit të ulët). - Niveli i zhurmave 45 dB. - Konstruksioni duhet te kete shkalle mbrojtje nga zjarri 2 ore - Sipas specifikimeve teknike te dhena ne relacionin teknik	cope	1		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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		<p><i>P.I Dry type transformer + boxing perimeter of TR for indoor installation IP20</i></p> <ul style="list-style-type: none"> - Nominal Power: 315 kVA - Voltage: 20/0,4 kV - Frequency: 50Hz - Uk (%) = 6% - Vectorial group connection Dy 11 n (triangle by primary voltage and delta star earthing neutral by secondary voltage). - Noise Level : 45 dB. - The construction must have fire protection level 2 hours - According to the technical specifications provided in the technical report 				
2		F.V Cele hyrje linje e tensionit te mesem (T.M) 20 kV, me gaz SF6	cope	1		-
		<i>P.I Incoming Medium Voltage Switchboard (M.V) 20kV, with SF6 gas</i>				
3		F.V Cele dalje linje e tensionit te mesem (T.M) 20 kV, me gaz SF6	cope	1		-
		<i>P.I Outgoing Medium Voltage Switchboard (M.V) 20kV, with SF6 gas</i>				
4		F.V Cele matje/seksionim linje e tensionit te mesem (T.M) 20 kV, me gaz SF6	cope	1		-
		<i>P.I Measurement/Secction Medium Voltage Switchboard (M.V) 20kV, with SF6 gas</i>				
5		P.I Cele Mbrojtje e transformorit e tensionit te mesem (T.M) 20kV, me gaz SF6	cope	1		-
		<i>P.I Transformer Protection Medium Voltage Switchboard (M.V) 20kV, with SF6 gas</i>				
6		<p>F.V Paneli Elektrik I Tensionit te Ulet te Kabines se Transformatori (M.E.P-E.C)</p> <ul style="list-style-type: none"> - I kompletuar me automatet dhe zbarat; - Hyrjet dhe daljet e kablllove jane nga sipër; - Panel klemash per lidhjen e te gjithë kablllove hyres dhe dales; - Shkalla e mbrojtjes: tip metalik, montim jashte murit IP 40; - (sipas skemes qe jepet ne projekt, i vendosur ne kabines e transformorit) 	komplet	1		-
		<i>P.I Main Electrical Panel -Electrical Cabine (M.E.P-E.C)</i>				
		<ul style="list-style-type: none"> - Complete all circuit breaker, busbars and accessories J/m; - Inlet and outlet connection cable should be below; - Connection clamps for connection of all inlet and outlet cables; - IP protection degree: metallic type, surface mounting IP 40; - (according to the scheme given the project, installed in transformer station) 				
7		F.V Dere kabine elektrike metalike e kompletuar me te gjithë aksesoret, sipas dimeioneve te dhena ne projekt	cope	1		-

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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		<i>P.I Electrical metallic cabine door completed with all accessories, according the technical data as in design</i>				
8		F.V Kablo bakri TM njepolar, Un=20/24 kV; me izolim XLPE; S=1x95mm ²	ml	35		-
		<i>P.I Single core copper MV cable, Un=20/24 kV; XLPE insulation; S=1x95mm²</i>				
9		F.V Kablo bakri TU njepolar, Un=0,6/1 kV; tip FG7(O)R; S=1x240mm ²	ml	40		-
		<i>P.I Single core copper LV cable, Un=0.6/1kV; FG7(O)R type; S=1x240mm²</i>				
10		F.V Percjelles shirit bakri 30x3 mm per tokezimin kabines elektrike (me te gjithë aksesoret e fiksimit dhe morseterite e nevojshme per instalim)	ml	35		-
		<i>P.I Cooper tape 30x5mm for earthing network of electrical cabine (with all accessories for fixing and clamps connection needed for installation)</i>				
11		F.V Ndrichues industrial LED L=1.2m, 43W, IP 65, 4000K, me difuzor opal hermetik	cope	2		-
		<i>P.I Industrial LED lighting, L=1.2m, 37W, IP 65, 4000K, with hermetic opal difuzor</i>				
12		F.V Ndrichues evakuimi me shenjë tregues dalje (EXIT), rezistent ndaj zjarrit IP-40, IK 07, LED 8W bat.NiCd me autonomi 3orë	cope	1		-
		<i>P.I Evacuation luminaries with sign direction (EXIT), LED 8W IP40, with battery NiCd-operational autonomy 3 hours</i>				
13		F.V Kuti, suportë, kapak, 3 module	cope	2		-
		<i>P.I Boxes, supporting frames, cover plate, 3 modules</i>				
14		F.V Celes i thjeshte nje polar 16A, 230V	cope	1		-
		<i>P.I One way single pole switch 16A, 230V</i>				
15		F.V Terminale fundore per kablo TM Un=20/24 kV; S=1x95mm ²	cope	12		-
		<i>P.I Cable terminal for MV cable, Un=20/24 kV; S=1x95mm²</i>				
16		F.V Terminale fundore per kablo TU Un=0.6/1 kV; S=1x240mm ²	cope	8		-
		<i>P.I Cable terminal for LV cable, Un=0.6/1 kV; S=1x240mm²</i>				
17		F.V Terminale fundore per kablo TU Un=0.6/1 kV; S=1x150mm ²	cope	3		-
		<i>P.I Cable terminal for LV cable, Un=0.6/1 kV; S=1x150mm²</i>				
18		F.V Terminale fundore per kablo TU Un=0.6/1 kV; S=1x95mm ²	cope	2		-
		<i>P.I Cable terminal for LV cable, Un=0.6/1 kV; S=1x95mm²</i>				
19		F.V Terminale fundore per kablo TU Un=0.6/1 kV; S=1x35mm ²	cope	8		-
		<i>P.I Cable terminal for LV cable, Un=0.6/1 kV; S=1x35mm²</i>				
20		F.V Percjelles bakri i zhveshur S=1x95mm ²	ml	40		-
		<i>P.I Bare copper conductor S = 1x95mm²</i>				

PREVENTIV PARAPRAK I PUNIMEVE NDERTIMORE

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21		F.V Shperndarese ekuipotenciale tokezimi, pllake bakri me dim. 450x60x8mm	cope	1		-
		<i>P.I Equipotential distribution grounding device, Copper slab with dim.450x60x8mm</i>				
22		F.V Morseteri tokezimi universale me S=1x95mm ²	cope	15		-
		<i>P.I Shackle clamp T-I & universal cross 1x95mm²</i>				
23		F.V Elektrode tokezimi, tip kryq profil zingato e bakerizuar 50x50x5mm, L=2.0m	cope	5		-
		<i>P.I Earthing electrodes, galvanized steel profile, 50x50x5mm, L=2.0m</i>				
24		F.V Hapje kanal tokezimi	m3	3		-
		<i>P.I Earthing channel opening</i>				
25		F.V Mbushje kanal tokezimi	m3	3		-
		<i>P.I Earthing channel filling</i>				
		SHUMA / SUM 18				-
		TOTALI D				-
		TOTAL D				-

SHKOLLA TOTALI A+B+C+D

-

FONDI REZERVE

5%

-

TOTALI SHKOLLA

-