

OBIECTIV: Centru Colectare Deseuri prin aport voluntar - constructii
OBIECTUL: Cap 4 - Investitia de baza
Beneficiar: Ministerul Mediului, Apelor si Padurilor
Proiectant: SC Multinvest Proiectare SRL

F3co - LISTA cu cantitati de lucrari pe categorii de lucrari

- lei -

SECTIUNEA TEHNICA				SECTIUNEA FINANCIARA		
Nr.	Capitolul de lucrari	U.M.	Cantitatea	Pretul unitar (exclusiv TVA) - lei -	TOTALUL (exclusiv TVA) - lei -	
0	1	2	3	4	5 = 3 x 4	
STADIUL FIZIC: Carosabil						
1	TSC02C1	Sapatura mecanica cu excavator pe pneuri de 0.21-0.39 mc,cu comanda hidraulica,in :...pamant cu umiditate naturala descarcare auto in teren catg 1	100 mc	25.00	1,233.00	30,825.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	1,233.00	30,825.00
				transport:	0.00	0.00
2	TRI1AA02C 2	Incarcarea materialelor, grupa...a-grele in bulgari,prin aruncare rampa sau teren-auto categ.2	tona	4,500.00	13.50	60,750.00
				material:	0.00	0.00
				manopera:	13.50	60,750.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
3	TRA01A10P	Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=10 km - TRANSPORT PAMANT EXCEDENTAR	tona	4,500.00	10.00	45,001.35
				material:	0.00	0.00
				manopera:	0.00	1.35
				utilaj:	0.00	0.00
				transport:	10.00	45,000.00
4	DA06B1	Strat de agregate naturale cilindrate (balast), avand functia de rezidenta filtranta, izolatoare, antigeliva si anticapilara, cu asternere mecanica;	mc	760.00	150.51	114,386.08
				material:	105.81	80,414.08
				manopera:	11.10	8,436.00
				utilaj:	33.60	25,536.00
				transport:	0.00	0.00
5	TRA01A20	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 20 km. - TRANSPORT BALAST	tona	1,254.00	15.00	18,810.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	15.00	18,810.00
6	DA08A1 - asimilat	Strat de balast stabilizat in grosime de 30 cm - asimilat	mp	1,900.00	54.18	102,947.70
				material:	45.14	85,758.40
				manopera:	5.10	9,690.00
				utilaj:	3.95	7,499.30
				transport:	0.00	0.00
7	TRA01A20	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 20 km - TRANSPORT BALAST STABILIZAT	tona	1,436.40	15.00	21,546.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	15.00	21,546.00
8	DA12A1	Strat de fundatie sau reprofilare din piatra sparta pentru drumuri, cu asternere mecanica executate cu impanare si innoroire;	mc	475.00	190.35	90,416.25
				material:	117.60	55,860.00
				manopera:	24.00	11,400.00
				utilaj:	48.75	23,156.25
				transport:	0.00	0.00

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0	1	2	3	4	5 = 3 x 4	
STADIUL FIZIC: Carosabil						
9	TRA01A20	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 20 km - TRANSPORT PIATRA SPARTA	tona	1,436.40	15.00	21,546.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	15.00	21,546.00
10	DB16H1	Imbracaminte de beton asfaltic cu agregate marunte executata la cald, in grosime de : 4,0 cm cu asternere mecanica	mp	1,900.00	8.08	15,342.50
				material:	0.17	313.50
				manopera:	2.91	5,529.00
				utilaj:	5.00	9,500.00
				transport:	0.00	0.00
10.L	20014803	Mixtura asfaltica BA16	to	174.80	400.00	69,920.00
11	DB12B1	Strat de legatura (binder) de criblura executata la cald cu asternere mecanica : : 5,0 cm cu asternere mecanica	tona	213.75	36.03	7,700.34
				material:	1.73	368.72
				manopera:	12.30	2,629.13
				utilaj:	22.00	4,702.50
				transport:	0.00	0.00
11.L	20014804	Binder de criblura BAD 22,4	to	220.16	350.00	77,056.88
12	DB16H1	Imbracaminte de beton asfaltic cu agregate marunte executata la cald, in grosime de : 8,0 cm cu asternere mecanica	mp	1,900.00	4.38	8,312.50
				material:	0.17	313.50
				manopera:	1.56	2,964.00
				utilaj:	2.65	5,035.00
				transport:	0.00	0.00
12.L	20014806	Mixtura asfaltica tip anrobat bituminos ABto 31.5	to	334.40	350.00	117,040.00
13	TRA01A20	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 20 km. - TRANSPORT MIXTURI ASFALTICE	tona	722.95	15.00	10,844.25
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	15.00	10,844.25
14	DD07A01+	Geotextile B2B CONSPRODpt. strat de separatie, drenaj, filtru, protectie si armare la constructii drumuri, drenaje, etc.	mp	1,900.00	0.18	342.00
				material:	0.00	0.00
				manopera:	0.18	342.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
14.L	1700075437 0	Geotextile netesute filtrare si separare la drumuri	mp	2,090.00	5.00	10,450.00
15	DD05A01+	Geocompozit drenant B2B CONSPRODpt. drenare, filtrare, separare, impermeabilizare si protectie terenuri	mp	1,900.00	0.18	342.00
				material:	0.00	0.00
				manopera:	0.18	342.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
15.L	1700075433 8	Geocompozite drenante drenuri verticale sau orizontale, la gropi de gunoi, drumuri	mp	2,090.00	10.00	20,900.00
16	DD06B01+	Geogril B2B CONSPRODpt. realizare ziduri de sprijin, stabilizare si armare taluzuri inclinate	mp	1,900.00	0.24	456.00
				material:	0.00	0.00
				manopera:	0.24	456.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
16.L	1700075435 0	Geogril biataxiale noduri rigide armarea fundatiilor de drumuri,	mp	2,090.00	5.00	10,450.00

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STADIUL FIZIC: Carosabil													
17	DE10A1	Borduri prefabricate din beton pentru trotuare 20 x 25cm,pe fundatie din beton 30 x 15 cm		m	186.00	76.00	14,136.19						
					material:	58.42	10,866.31						
					manopera:	17.58	3,269.88						
					utilaj:	0.00	0.00						
					transport:	0.00	0.00						
17.L	2100969	Beton de ciment C 16/20 B 250 stas 3622		mc	1.86	300.00	558.00						
18	TRA06A20	Transportul rutier al betonului- mortarului cu autobetoniera de...5,5mc dist. =20km		tona	44.64	20.00	892.80						
					material:	0.00	0.00						
					manopera:	0.00	0.00						
					utilaj:	0.00	0.00						
					transport:	20.00	892.80						
19	DF16A1	Marcaje rutiere longitudinale, simple sau duble, cu intreruperi sau continue, executate mecanizat cu vopsea de email cu microbile de sticla;		km	0.15	2,795.53	419.33						
					material:	2,652.43	397.86						
					manopera:	99.60	14.94						
					utilaj:	43.50	6.53						
					transport:	0.00	0.00						
20	DE09C#	Marcaje rutiere transversale si diverse, exec.mecanic, cu vopsea pe suprafete carosabile		mp	10.00	63.74	637.39						
					material:	42.14	421.39						
					manopera:	14.40	144.00						
					utilaj:	7.20	72.00						
					transport:	0.00	0.00						
		procent	material	manopera	utilaj	transport	total						
Cheltuieli directe:			541,088.64	105,968.30	106,332.58	118,639.05	872,028.56						
Alte cheltuieli directe:													
CAM		2.2500 %	0.00	2,384.29	0.00	0.00	2,384.29						
Total inclusiv Cheltuieli directe:			541,088.64	108,352.58	106,332.58	118,639.05	874,412.84						
Cheltuieli indirecte		10.0000 %					87,441.28						
Total inclusiv Cheltuieli indirecte:							961,854.13						
Profit		5.0000 %					48,092.71						
Total inclusiv Beneficiu:							1,009,946.84						
TOTAL GENERAL (fara TVA):							1,009,946.84						

0	1			2	3	4	5 = 3 x 4
STADIUL FIZIC:		Trotuar					
1	TSC02C1	Sapatura mecanica cu excavator pe pneuri de 0.21-0.39 mc,cu comanda hidraulica,in :...pamant cu umiditate naturala descarcare auto in teren catg 1	100 mc	0.23	1,233.00	277.43	
				material:	0.00	0.00	
				manopera:	0.00	0.00	
				utilaj:	1,233.00	277.43	
				transport:	0.00	0.00	
2	TRI1AA02C 2	Incarcarea materialelor, grupa...a-grele in bulgari,prin aruncare rampa sau teren-auto categr.2	tona	40.20	13.50	542.70	
				material:	0.00	0.00	
				manopera:	13.50	542.70	
				utilaj:	0.00	0.00	
				transport:	0.00	0.00	
3	TRA01A10P	Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=10 km - TRANSPORT PAMANT EXCEDENTAR	tona	40.20	10.00	402.01	
				material:	0.00	0.00	
				manopera:	0.00	0.01	
				utilaj:	0.00	0.00	
				transport:	10.00	402.00	
4	DA06B1	Strat de agregate naturale cilindrate (balast), avand functia de rezidenta filtranta, izolatoare, antigeliva si anticapilara, cu asternere mecanica;	mc	9.30	150.51	1,399.72	
				material:	105.81	984.01	
				manopera:	11.10	103.23	
				utilaj:	33.60	312.48	
				transport:	0.00	0.00	
5	TRA01A20	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 20 km. - TRANSPORT BALAST	tona	15.35	15.00	230.25	
				material:	0.00	0.00	
				manopera:	0.00	0.00	
				utilaj:	0.00	0.00	
				transport:	15.00	230.25	
6	DA08A1 - asimilat	Strat de balast stabilizat in grosime de 30 cm - asimilat	mp	93.00	26.43	2,458.27	
				material:	17.39	1,616.90	
				manopera:	5.10	474.30	
				utilaj:	3.95	367.07	
				transport:	0.00	0.00	
7	TRA01A20	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 20 km - TRANSPORT BALAST STABILIZAT	tona	15.35	15.00	230.25	
				material:	0.00	0.00	
				manopera:	0.00	0.00	
				utilaj:	0.00	0.00	
				transport:	15.00	230.25	
10	DB16H1	Imbracaminte de beton asfaltic cu agregate marunte executata la cald, in grosime de : 4,0 cm cu asternere mecanica	mp	93.00	8.08	750.98	
				material:	0.17	15.35	
				manopera:	2.91	270.63	
				utilaj:	5.00	465.00	
				transport:	0.00	0.00	
10.L	20010535	Mixtura asfaltica BA8	tona	8.56	400.00	3,422.40	
13	TRA01A20	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 20 km. - TRANSPORT MIXTURI ASFALTICE	tona	8.60	15.00	129.00	
				material:	0.00	0.00	
				manopera:	0.00	0.00	
				utilaj:	0.00	0.00	
				transport:	15.00	129.00	
procent		material	manopera	utilaj	transport	total	
Cheltuieli directe:		6,038.66	1,390.87	1,421.98	991.50	9,843.01	

0	1	2	3	4	5 = 3 x 4
STADIUL FIZIC: Trotuar					
Alte cheltuieli directe:					
CAM	2.2500 %	0.00	31.29	0.00	0.00
Total inclusiv Cheltuieli directe:		6,038.66	1,422.17	1,421.98	991.50
Cheltuieli indirecte	10.0000 %				987.43
Total inclusiv Cheltuieli indirecte:					10,861.73
Profit	5.0000 %				543.09
Total inclusiv Beneficiu:					11,404.82
TOTAL GENERAL (fara TVA):					11,404.82

						Pag 6	
0	1		2	3	4	5 = 3 x 4	
STADIUL FIZIC: Spatiu verde							
1	TSC02C1	Sapatura mecanica cu excavator pe pneuri de 0.21-0.39 mc,cu comanda hidraulica,in :...pamant cu umiditate naturala descarcare auto in teren catg 1	100 mc	0.80	1,233.00	986.40	
				material:	0.00	0.00	
				manopera:	0.00	0.00	
				utilaj:	1,233.00	986.40	
				transport:	0.00	0.00	
2	TRI1AA02C 2	Incarcarea materialelor, grupa...a-grele in bulgari,prin aruncare rampa sau teren-auto categ.2	tona	144.00	13.50	1,944.00	
				material:	0.00	0.00	
				manopera:	13.50	1,944.00	
				utilaj:	0.00	0.00	
				transport:	0.00	0.00	
3	TRA01A10P	Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=10 km - TRANSPORT PAMANT EXCEDENTAR	tona	144.00	10.00	1,440.04	
				material:	0.00	0.00	
				manopera:	0.00	0.04	
				utilaj:	0.00	0.00	
				transport:	10.00	1,440.00	
4	SPVA14A	Umplutura cu pamant vegetal	mc	144.00	141.24	20,338.56	
				material:	30.24	4,354.56	
				manopera:	111.00	15,984.00	
				utilaj:	0.00	0.00	
				transport:	0.00	0.00	
5	TSH09A1	Semanarea gazonului...pe suprafete orizontale sau in panta sub 30 %	100 mp	3.97	204.00	809.88	
				material:	59.40	235.82	
				manopera:	144.60	574.06	
				utilaj:	0.00	0.00	
				transport:	0.00	0.00	
6	SPVB5910	Plantarea arborilor cu balot ambalat cu plasa de sarma in gropi sapate anterior ...cu diametrul balotului fiind intre 61-80 cm fara legarea coronamentului manual	buc	65.00	135.00	8,775.00	
				material:	0.00	0.00	
				manopera:	135.00	8,775.00	
				utilaj:	0.00	0.00	
				transport:	0.00	0.00	
6	32702493	Arbori sau copaci	buc	65.00	200.00	13,000.00	
				material:	200.00	13,000.00	
				manopera:	0.00	0.00	
				utilaj:	0.00	0.00	
				transport:	0.00	0.00	
procent		material	manopera	utilaj	transport	total	
Cheltuieli directe:		17,590.38	27,277.11	986.40	1,440.00	47,293.88	
Alte cheltuieli directe:							
CAM	2.2500 %	0.00	613.73	0.00	0.00	613.73	
Total inclusiv Cheltuieli directe:		17,590.38	27,890.84	986.40	1,440.00	47,907.62	
Cheltuieli indirecte	10.0000 %					4,790.76	
Total inclusiv Cheltuieli indirecte:						52,698.38	
Profit	5.0000 %					2,634.92	
Total inclusiv Beneficiu:						55,333.30	
TOTAL GENERAL (fara TVA):						55,333.30	

						Pag 7
0	1	2	3	4	5 = 3 x 4	
STADIUL FIZIC: Copertina						
1	TSC02A1	Sapatura mecanica cu excavator pe pneuri de 0.21-0.39 mc,cu comanda hidraulica,in :...pamant cu umiditate naturala descarcare in depozit teren catg 1	100 mc	2.40	558.00	1,339.20
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	558.00	1,339.20
				transport:	0.00	0.00
2	TSA01C1	Sapatura manuala de pamant in spatii inchise la deblee,in canale deschise,in gropi de imprumut la indepartarea stratului vegetal de 10-30 cm grosime etc....in spatii intinse in pamant cu umiditate natuala aruncarea in depozit sau vehicul la H<0.6 m teren tare	mc	56.00	87.00	4,872.00
				material:	0.00	0.00
				manopera:	87.00	4,872.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
3	TRI1AA02C 2	Incarcarea materialelor, grupa...a-grele in bulgari,prin aruncare rampa sau teren-auto categ.2	tona	180.00	13.50	2,430.00
				material:	0.00	0.00
				manopera:	13.50	2,430.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
4	TRA01A10P	Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=10 km - TRANSPORT PAMANT EXCEDENTAR	tona	180.00	10.00	1,800.05
				material:	0.00	0.00
				manopera:	0.00	0.05
				utilaj:	0.00	0.00
				transport:	10.00	1,800.00
5	CA01A1	Turnarea betonului simplu în fundatii continue, izolate si socluri cu volum pâna la 3 mc, inclusiv	mc	11.50	103.30	1,187.95
				material:	0.40	4.60
				manopera:	95.40	1,097.10
				utilaj:	7.50	86.25
				transport:	0.00	0.00
5.L	2100945	Beton de ciment C 8/10 B 150 stas 3622	mc	11.59	270.00	3,129.84
6	CA02A1	Turnarea betonului armat in elementele constructiilor, exclusiv cele executate in cofraje glisante in fundatii izolate cu volum pâna la 3 m3 inclusiv	mc	36.00	129.25	4,653.00
				material:	0.40	14.40
				manopera:	117.60	4,233.60
				utilaj:	11.25	405.00
				transport:	0.00	0.00
6.L	2100969	Beton de ciment C 16/20 B 250 stas 3622	mc	36.29	300.00	10,886.40
7	CA02A1	Turnarea betonului armat in elementele constructiilor, exclusiv cele executate in cofraje glisante in fundatii izolate cu volum pâna la 3 m3 inclusiv	mc	54.00	129.25	6,979.50
				material:	0.40	21.60
				manopera:	117.60	6,350.40
				utilaj:	11.25	607.50
				transport:	0.00	0.00
7.L	2100995	Beton de ciment C 20/25 B 350 stas 3622	mc	54.43	330.00	17,962.56
8	TRA06A20	Transportul rutier al betonului- mortarului cu autobetoniera de...5,5mc dist. =20km	tona	243.60	20.00	4,872.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	20.00	4,872.00
9	CB01A1	Cofraje pentru beton in cuzineti, fundatii pahar si fundatii de utilaje simple cu forme regulate din panouri refolosibile cu astereala din scinduri de rasinoase, cu astereala din scânduri de rasinoase scurte si subscurte inclusiv sprijinirile	mp	90.00	54.16	4,873.95
				material:	19.06	1,714.95
				manopera:	35.10	3,159.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00

						Pag 8
0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC: Copertina						
10	CC01A1	Montarea armaturilor din otel-beton in fundatii izolate (inclusiv fundatii pahar), cu diametrul armaturilor pana la 18 mm inclusiv, distantier din mase plastice	kg	3,200.00	1.17	3,728.00
				material:	0.18	560.00
				manopera:	0.99	3,168.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
10.L	6433651	Armatura in prefabr beton OL 38 peste 10 mm barem	kg	3,200.00	5.00	16,000.00
11	CZ0302A1	Confectionarea armaturilor din otel beton pentru beton armat în elemente de constructii turnate în cofraje, exclusiv cele executate în cofraje glisante fasonarea barelor pentru pereti, grinzi, stâlpi si diafragme la constructii obisnuite, în ateliere centralizate, OB 37 D = 6-8 mm	kg	3,200.00	6.29	20,137.60
				material:	5.05	16,160.00
				manopera:	1.08	3,456.00
				utilaj:	0.16	521.60
				transport:	0.00	0.00
12	TSD01C1	Imprastierea cu lopata a pamant. afinat, strat uniform 10-30cm. gros cu sfarim. bulg. teren...pamant coeziv	mc	195.00	12.90	2,515.50
				material:	0.00	0.00
				manopera:	12.90	2,515.50
				utilaj:	0.00	0.00
				transport:	0.00	0.00
13	TSD04C1	Compactarea cu maiul de mana a umpluturilor executate in sapaturi orizontale sau inclinate la 1/4, inclusiv udarea fiecarui strat de pamant in parte, avand :...20 cm grosime pamant necoeziv	mc	195.00	22.60	4,407.00
				material:	0.40	78.00
				manopera:	22.20	4,329.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
14	CL20A1	Confectii metalice diverse, montate aparent parapeti panouri despartitoare balcon	kg	19,000.00	3.90	74,100.00
				material:	0.00	0.00
				manopera:	3.90	74,100.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
14.L	6306274	Suprastructura metalica copertina	kg	19,000.00	10.00	190,000.00
	CW18XA - asimilat	Acoperisuri copertina din polycarbobat - asimilat	mp	410.00	161.75	66,317.50
				material:	50.75	20,807.50
				manopera:	96.00	39,360.00
				utilaj:	15.00	6,150.00
				transport:	0.00	0.00
procent		material	manopera	utilaj	transport	total
Cheltuieli directe:		277,339.85	149,070.65	9,109.55	6,672.00	442,192.05
Alte cheltuieli directe:						
CAM	2.2500 %	0.00	3,354.09	0.00	0.00	3,354.09
Total inclusiv Cheltuieli directe:		277,339.85	152,424.74	9,109.55	6,672.00	445,546.14
Cheltuieli indirecte	10.0000 %					44,554.61
Total inclusiv Cheltuieli indirecte:						490,100.76
Profit	5.0000 %					24,505.04
Total inclusiv Beneficiu:						514,605.80
TOTAL GENERAL (fara TVA):						514,605.80

						Pag 9
0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC: Imprejmuire						
1	Imprejmuire					
1.1	CO04C1 - asimilat	Imprejmuire din panouri gard plasa bordurata 2,50 x 2,00 m montat pe stalpi din teava rectangulara 60 x 40 x 2 mm - asimilat	m	192.00	43.80	8,409.60
				material:	4.80	921.60
				manopera:	39.00	7,488.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
1.1.L	7334694	Capac PVC	buc	78.00	3.25	253.50
1.1.L	7336525	Panou gard plasa bordurata zincata 2,50 x 2,00	buc	77.00	260.00	20,020.00
1.1.L	6426593	Stilp teava rectangulara 60 x 40 x 2 mm, L = 2,70 ml	buc	78.00	120.00	9,360.00
1.2	TSA03C1	Sapatura manuala de pamant in spatii limitate,avand sub 1 m latime,executata fara sprijiniri,cu taluz inclinat,la fundatii,canale,etc...in teren necoeziv sau slab coeziv, consistent, pana la 0,75 m adancime, teren tare	mc	9.35	80.70	754.55
				material:	0.00	0.00
				manopera:	80.70	754.55
				utilaj:	0.00	0.00
				transport:	0.00	0.00
1.3	TRI1AA02C 2	Incarcarea materialelor, grupa...a-grele in bulgari,prin aruncare rampa sau teren-auto categ.2	tona	16.85	13.50	227.48
				material:	0.00	0.00
				manopera:	13.50	227.48
				utilaj:	0.00	0.00
				transport:	0.00	0.00
1.4	TRA01A10P	Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=10 km - TRANSPORT PAMANT EXCEDENTAR	tona	16.85	10.00	168.51
				material:	0.00	0.00
				manopera:	0.00	0.01
				utilaj:	0.00	0.00
				transport:	10.00	168.50
1.5	CA01A1	Turnarea betonului simplu în fundatii continue, izolate si socluri cu volum pâna la 3 mc, inclusiv	mc	14.25	103.30	1,472.03
				material:	0.40	5.70
				manopera:	95.40	1,359.45
				utilaj:	7.50	106.88
				transport:	0.00	0.00
1.5.L	2100969	Beton de ciment C 20/25 B 350 stas 3622	mc	14.36	330.00	4,740.12
1.6	TRA06A20	Transportul rutier al betonului- mortarului cu autobetoniera de...5,5mc dist. =20km	tona	34.20	20.00	684.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	20.00	684.00
2	Poarta acces auto					
	CL20C1 - asimilat	Confectii metalice diverse, montate aparent diverse exclusiv parapeti,balustrazi,chepenguri - asimilat poarta acces auto	buc	1.00	3,005.00	3,005.00
				material:	5.00	5.00
				manopera:	3,000.00	3,000.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
.L	6306183	Stalp teava rectangulara 100 x 100 x 6 mm , L = 2,75 m	buc	2.00	610.00	1,220.00
.L	6306274	Rama din teava rectangulara 40 x 25 x 3	ml	16.90	50.00	845.00
.L	6306286	Montant din teava patrata 20 x 20 x 1,5	ml	57.00	25.00	1,425.00
.L	6306303	Panou gard plasa bordurata zincata 2,50 x 2,00	buc	3.00	260.00	780.00
.L	6312986	Capac tabla pentru stalp de gard 100 x 100	buc	2.00	4.45	8.90

						Pag 10
0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC: Imprejmuire						
.L	6306018	Kit poarta culisanta	buc	1.00	1,200.00	1,200.00
1.2	TSA03C1	Sapatura manuala de pamant in spatii limitate,avand sub 1 m latime,executata fara sprijiniri,cu taluz inclinat,la fundatii,canale,etc...in teren necoeziv sau slab coeziv, consistent, pana la 0,75 m adancime, teren tare	mc	0.40	80.70	32.28
				material:	0.00	0.00
				manopera:	80.70	32.28
				utilaj:	0.00	0.00
				transport:	0.00	0.00
1.3	TRI1AA02C 2	Incarcarea materialelor, grupa...a-grele in bulgari,prin aruncare rampa sau teren-auto categ.2	tona	0.72	13.50	9.72
				material:	0.00	0.00
				manopera:	13.50	9.72
				utilaj:	0.00	0.00
				transport:	0.00	0.00
1.4	TRA01A10P	Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=10 km - TRANSPORT PAMANT EXCEDENTAR	tona	0.72	10.00	7.20
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	10.00	7.20
1.5	CA01A1	Turnarea betonului simplu în fundatii continue, izolate si socluri cu volum pâna la 3 mc, inclusiv	mc	0.40	103.30	41.32
				material:	0.40	0.16
				manopera:	95.40	38.16
				utilaj:	7.50	3.00
				transport:	0.00	0.00
1.5.L	2100969	Beton de ciment C 20/25 B 350 stas 3622	mc	0.40	330.00	133.06
1.6	TRA06A20	Transportul rutier al betonului- mortarului cu autobetoniera de...5,5mc dist. =20km	tona	1.00	20.00	20.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	20.00	20.00
procent		material	manopera	utilaj	transport	total
Cheltuieli directe:		40,918.04	12,909.64	109.88	879.70	54,817.25
Alte cheltuieli directe:						
CAM	2.2500 %	0.00	290.47	0.00	0.00	290.47
Total inclusiv Cheltuieli directe:		40,918.04	13,200.10	109.88	879.70	55,107.71
Cheltuieli indirecte	10.0000 %					5,510.77
Total inclusiv Cheltuieli indirecte:						60,618.48
Profit	5.0000 %					3,030.92
Total inclusiv Beneficiu:						63,649.41
TOTAL GENERAL (fara TVA):						63,649.41

0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC:		Retele exterioare apa - canal				
1	TSC02C1	Sapatura mecanica cu excavator pe pneuri de 0.21-0.39 mc,cu comanda hidraulica,in :...pamant cu umiditate naturala descarcare auto in teren catg 1	100 mc	1.84	1,233.00	2,268.72
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	1,233.00	2,268.72
				transport:	0.00	0.00
2	ACE08A1	Umplutura in sant. la cond. de alim. cu apa si canalizare cu: nisip	mc	58.00	100.30	5,817.40
				material:	82.00	4,756.00
				manopera:	18.30	1,061.40
				utilaj:	0.00	0.00
				transport:	0.00	0.00
3	TRA01A15	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 15 km. - TRANSPORT NISIP	tona	87.00	15.00	1,305.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	15.00	1,305.00
4	TRI1AA02C 2	Incarcarea materialelor, grupa...a-grele in bulgari,prin aruncare rampa sau teren-auto categ.2	tona	183.60	13.50	2,478.60
				material:	0.00	0.00
				manopera:	13.50	2,478.60
				utilaj:	0.00	0.00
				transport:	0.00	0.00
5	TRA01A10P	Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=10 km - TRANSPORT PAMANT EXCEDENTAR	tona	183.60	10.00	1,836.06
				material:	0.00	0.00
				manopera:	0.00	0.06
				utilaj:	0.00	0.00
				transport:	10.00	1,836.00
6	TSD01C1	Imprastierea cu lopata a pamant. afinat,strat uniform 10-30cm. gros cu sfarim. bulg. teren...pamant coeziv	mc	82.00	12.90	1,057.80
				material:	0.00	0.00
				manopera:	12.90	1,057.80
				utilaj:	0.00	0.00
				transport:	0.00	0.00
7	TSD04C1	Compactarea cu maiul de mana a umpluturilor executate in sapaturi orizontale sau inclinate la 1/4,inclusiv udarea fiecarui strat de pamant in parte,avand :...20 cm grosime pamant necoeziv	mc	82.00	22.60	1,853.20
				material:	0.40	32.80
				manopera:	22.20	1,820.40
				utilaj:	0.00	0.00
				transport:	0.00	0.00
8	W2H02A1 - asimilat	Banda avertizoare apa si canalizare	ml	146.00	8.50	1,241.00
				material:	3.50	511.00
				manopera:	5.00	730.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
9	AcA43A+	Pregatirea pentru imbinare tuburi din PEHD - VALROM in colaci cu L=100 m si pozitionarea in pamant dupa imbinare...D < 63 mm inclusiv	m	6.00	11.23	67.38
				material:	8.46	50.76
				manopera:	1.62	9.72
				utilaj:	1.15	6.90
				transport:	0.00	0.00
9.L	20019506	Teava polietilena PEHD De 32mm, Pn 16	buc	6.09	15.00	91.35
9.L	20019509	Diverse fitinguri electrofuziune din polietilena	buc	6.00	85.00	510.00

						Pag 12
0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC: Rețele exterioare apa - canal						
10	ACA11D1	Montare teava PVC tip 3(m) in pamant, in exteriorul cladirilor,avand dn 110	m	38.00	47.75	1,814.49
				material:	37.80	1,436.39
				manopera:	9.90	376.20
				utilaj:	0.05	1.90
				transport:	0.00	0.00
11	ACA12B1	Montare teava PVC mufata de 9m lungie, in pamant, in exteriorul cladirilor etans. cu garnituri cauciuc dn 160	m	38.00	102.35	3,889.30
				material:	96.60	3,670.80
				manopera:	5.70	216.60
				utilaj:	0.05	1.90
				transport:	0.00	0.00
12	ACA12C1	Montare teava PVC mufata de 9m lungie, in pamant, in exteriorul cladirilor etans. cu garnituri cauciuc dn 200	m	54.00	153.65	8,297.10
				material:	147.00	7,938.00
				manopera:	6.60	356.40
				utilaj:	0.05	2.70
				transport:	0.00	0.00
13	ACA12D1	Montare teava PVC mufata de 9m lungie, in pamant, in exteriorul cladirilor etans. cu garnituri cauciuc dn 250	m	10.00	201.55	2,015.50
				material:	194.25	1,942.50
				manopera:	7.20	72.00
				utilaj:	0.10	1.00
				transport:	0.00	0.00
14	AcE201A01 + - asimilat	Sistem colectare ape pluviale format din elemente de rigola din beton cu polimeri si gratar din fonta clasa D400 - asimilat	m	66.00	40.29	2,659.00
				material:	31.29	2,065.00
				manopera:	9.00	594.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
14.L	20027798	Element de rigola din beton cu polimeri si gratar din fonta clasa D400 lungime 1m	buc	66.00	450.00	29,700.00
14.L	20010139	Element capat	buc	4.00	1,250.00	5,000.00
14.L	20010140	Element camin de racordare Dn 110 cu cos aluviuni 0,5 m lungime	buc	4.00	1,650.00	6,600.00
15	ACD04A1	Camin vizitare STAS 2448-73 Dn 800 mm cu camera lucru hc=2m din tub beton cu cep si buza la canale cu dn 110 - 250 mm3	buc	8.00	2,748.60	21,988.77
				material:	2,297.99	18,383.91
				manopera:	326.86	2,614.86
				utilaj:	123.75	990.00
				transport:	0.00	0.00
16	ACD01L1	Capac si rama STAS 2308-81 pentru camine cu piesa suport carosabil IV	buc	8.00	865.29	6,922.34
				material:	799.29	6,394.34
				manopera:	66.00	528.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
17	ACD04B1 - asimilat	Camin de apometru din polietilena avand Dn 500 mm si H = 1200 mm - asimilat	buc	1.00	1,433.05	1,433.05
				material:	971.50	971.50
				manopera:	337.80	337.80
				utilaj:	123.75	123.75
				transport:	0.00	0.00
18	IA32C1 - asimilat	Separator de hidrocarburi cu capacitatea de 30 l/sec	buc	1.00	16,077.80	16,077.80
				material:	15,800.00	15,800.00
				manopera:	277.80	277.80
				utilaj:	0.00	0.00
				transport:	0.00	0.00
procent		material	manopera	utilaj	transport	total
Cheltuieli directe:		105,854.34	12,531.64	3,396.87	3,141.00	124,923.85

						Pag 13
0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC: Rețele exterioare apa - canal						
Alte cheltuieli directe:						
CAM	2.2500 %	0.00	281.96	0.00	0.00	281.96
Total inclusiv Cheltuieli directe:		105,854.34	12,813.60	3,396.87	3,141.00	125,205.81
Cheltuieli indirecte	10.0000 %					12,520.58
Total inclusiv Cheltuieli indirecte:						137,726.39
Profit	5.0000 %					6,886.32
Total inclusiv Beneficiu:						144,612.71
TOTAL GENERAL (fara TVA):						144,612.71

0	1	2	3	4	5 = 3 x 4	
STADIUL FIZIC: Iluminat exterior si post trafa						
1	EF01D1 - asimilat	Procurare, echipare si montare tablou electric tip cofret metalic - asimilat	buc	1.00	901.12	901.12
				material:	1.12	1.12
				manopera:	900.00	900.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
1.L	5214454	Siguranta automata 4P / 100A / 15 kA	buc	2.00	690.00	1,380.00
1.L	5214455	Siguranta automata 4P / 10A / 6KA	buc	2.00	130.00	260.00
1.L	32702486	Siguranta automata P + N / 6A / 10 kA	buc	1.00	46.00	46.00
1.L	5537977	Tablou electric neechipat 24 module din plastic pentru distributie monofazic si trifazic 506x330x150mm IK08 IP65 conexiuni laterale potrivit pentru uz indutrial	buc	1.00	630.00	630.00
1.L	3503679	Sina de legatura siguranta monofazata	buc	1.00	60.00	60.00
1.L	32702503	Ceas programator tip Astro 10 A montare pe sina	buc	1.00	840.00	840.00
1.L	5529271	Contactator NO 4P / 400V cu bobina de comanda la 230V, montare pe sina	buc	1.00	170.00	170.00
2	W2G01B01	Montare ...cablu u1kv gr 0,050-0,150 kg/m cu sau al sant pat nisip cu obstac cu tract manuala montat in tub de protectie	m	150.00	0.68	101.60
				material:	0.01	1.88
				manopera:	0.66	99.72
				utilaj:	0.00	0.00
				transport:	0.00	0.00
2.L	4802626	Cablu energie cyaby 0,6/ 1 KV 3x 4 U s 8778	m	153.00	17.00	2,601.00
2.L	4815764	Tub cu rezistenta mecanica 750 N montat in pamant d = 40 mm	m	150.00	6.20	930.00
3	W2G01B01	Montare ...cablu u1kv gr 0,050-0,150 kg/m cu sau al sant pat nisip cu obstac cu tract manuala montat in tub de protectie	m	26.00	0.68	17.61
				material:	0.01	0.33
				manopera:	0.66	17.28
				utilaj:	0.00	0.00
				transport:	0.00	0.00
3.L	4802602	Cablu energie cyaby 0,6/ 1 KV 3x 2,5 U s 8778	m	26.52	10.35	274.48
3.L	4815776	Tub cu rezistenta mecanica 750 N montat in pamant d = 32 mm	m	26.00	4.20	109.20
4	W2G01B01	Montare ...cablu u1kv gr 0,050-0,150 kg/m cu sau al sant pat nisip cu obstac cu tract manuala montat in tub de protectie	m	230.00	0.68	155.78
				material:	0.01	2.88
				manopera:	0.66	152.90
				utilaj:	0.00	0.00
				transport:	0.00	0.00
4.L	4802585	Cablu energie cyaby 0,6/ 1 KV 3x 1,5 U s 8778	m	234.60	8.00	1,876.80
4.L	4815788	Tub cu rezistenta mecanica 750 N montat in pamant d = 20 mm	m	230.00	1.80	414.00
5	EC02B1	Cablu pentru energie electrica, montat cu scoabe (cleme de prindere) din bachelita, direct pe zid, cablul având conducte cu sectiunea 16 sau 25 mmp, pe dibluri de lemn	m	33.00	19.36	638.86
				material:	1.06	34.96
				manopera:	18.30	603.90
				utilaj:	0.00	0.00
				transport:	0.00	0.00
5.L	4802248	Cablu multifilar galben verde 16 mmp	m	33.99	7.00	237.93

						Pag 15
0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC: Iluminat exterior si post trafo						
6	EA16B1	Doza de derivatie, pentru cabluri sau tevi de instalatii, montata...în mediu exploziv, avînd diametrul de 1 1/2" - 4"	buc	8.00	9.01	72.06
				material:	2.41	19.26
				manopera:	6.60	52.80
				utilaj:	0.00	0.00
				transport:	0.00	0.00
6.L	7318987	Doza de derivatie 80 x 80, IP44 montaj in interiorul stalpului octogonal	buc	8.00	53.00	424.00
7	W2F02A#	Corp de iluminat stradal pt. lampa cu vapori de mercur sau sodiu...montat pe stâlpi cu platforma ridicatoare cu brat	buc	11.00	98.79	1,086.69
				material:	0.39	4.29
				manopera:	23.40	257.40
				utilaj:	75.00	825.00
				transport:	0.00	0.00
7.L	5104001	Corp de iluminat stradal Un = 230V, Pn = 150 kW, 8000 lm, IP66 4000 K	buc	11.00	1,950.00	21,450.00
8	W2A08A# - asimilat	Stâlp pentru iluminat octogonal cu inaltimea de 8 m - asimilat	buc	8.00	272.70	2,181.60
				material:	0.00	0.00
				manopera:	115.20	921.60
				utilaj:	157.50	1,260.00
				transport:	0.00	0.00
8.L	6420850	Stâlp pentru iluminat octogonal cu inaltimea de 8 m	buc	8.00	3,800.00	30,400.00
8.L	6421036	Buloane tip 4 - M16 (mm) cu lungimea de 500 mm	buc	8.00	25.00	200.00
9	W2B01I2 - asimilat	Consola simpla cu grad de inclinare 105 grade de sustinere corp iluminat stradal montata pe stalp octogonal - asimilat	buc	11.00	159.60	1,755.59
				material:	150.00	1,650.00
				manopera:	9.60	105.59
				utilaj:	0.00	0.00
				transport:	0.00	0.00
10	LCD03XA	Legatura echipotentiala	buc	9.00	55.00	495.00
				material:	10.00	90.00
				manopera:	45.00	405.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
11	EH10XA	Verificarea circuitelor de iluminat	buc	1.00	60.00	60.00
				material:	0.00	0.00
				manopera:	60.00	60.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
12	TRA01A10	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 10 km.	tona	1.50	10.00	15.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	10.00	15.00
13	ATE01XA	Încercarea cablurilor de energie electrica de maximum 1 kv	buc	1.00	92.00	92.00
				material:	0.00	0.00
				manopera:	42.00	42.00
				utilaj:	50.00	50.00
				transport:	0.00	0.00
14	EH05A1	Încercarea tablourilor de distributie, de comanda de protectie, de semnalizare, a pupitrelor de comanda si a cutiilor metalice cu cleme...tablouri de marmura cu peste 6 circuite	buc	1.00	129.00	129.00
				material:	0.00	0.00
				manopera:	129.00	129.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00

0	1	2	3	4	5 = 3 x 4	
STADIUL FIZIC: Iluminat exterior si post trafo						
15	EH07A1	Energie electrica, ...pentru probe	kwh	50.00	0.50	25.00
				material:	0.50	25.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
16	EB15A1	Numere si etichete, pentru bransamente, coloane electrice, circuite telefonice sau cabluri electrice...numere pentru bransamente sau coloane electrice	buc	8.00	2.73	21.84
				material:	0.03	0.24
				manopera:	2.70	21.60
				utilaj:	0.00	0.00
				transport:	0.00	0.00
16.L	7321166	Eticheta din alama cu inscrip.pt.instalatii electrice	buc	8.00	2.50	20.00
17	W2G04XA - asimilat	Cleme wago	buc	6.00	30.00	180.00
				material:	0.00	0.00
				manopera:	30.00	180.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
17.L	5204106	Cleme wago	buc	6.00	5.00	30.00
18	TSC02C1	Sapatura mecanica cu excavator pe pneuri de 0.21-0.39 mc,cu comanda hidraulica,in :...pamant cu umiditate naturala descarcare auto in teren catg 1	100 mc	0.68	1,233.00	838.44
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	1,233.00	838.44
				transport:	0.00	0.00
19	W2H04A1	Strat nisip asezat in sant pentru...protejarea cablurilor la lucr in prof netipizat	mc	13.60	97.68	1,328.44
				material:	84.00	1,142.39
				manopera:	13.68	186.05
				utilaj:	0.00	0.00
				transport:	0.00	0.00
20	TRA01A15	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 15 km. - TRANSPORT NISIP	tona	21.80	15.00	327.00
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	15.00	327.00
21	TRI1AA02C 2	Incarcarea materialelor, grupa...a-grele in bulgari,prin aruncare rampa sau teren-auto categ.2	tona	24.50	13.50	330.75
				material:	0.00	0.00
				manopera:	13.50	330.75
				utilaj:	0.00	0.00
				transport:	0.00	0.00
22	TRA01A10P	Transportul rutier al...pamantului sau molozului cu autobasculanta dist.=10 km - TRANSPORT PAMANT EXCEDENTAR	tona	24.50	10.00	245.01
				material:	0.00	0.00
				manopera:	0.00	0.01
				utilaj:	0.00	0.00
				transport:	10.00	245.00
23	TSD01C1	Imprastierea cu lopata a pamant. afinat,strat uniform 10-30cm. gros cu sfarim. bulg. teren...pamant coeziv	mc	54.40	12.90	701.76
				material:	0.00	0.00
				manopera:	12.90	701.76
				utilaj:	0.00	0.00
				transport:	0.00	0.00

						Pag 17
0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC: Iluminat exterior si post trafo						
24	TSD04C1	Compactarea cu maiul de mana a umpluturilor executate in sapaturi orizontale sau inclinate la 1/4,inclusiv udarea fiecarui strat de pamant in parte,avand :...20 cm grosime pamant necoeziv	mc	54.40	22.60	1,229.44
				material:	0.40	21.76
				manopera:	22.20	1,207.68
				utilaj:	0.00	0.00
				transport:	0.00	0.00
25	W2H02B#	Banda avertizoare instalatii electrice	m	200.00	20.63	4,125.00
				material:	15.23	3,045.00
				manopera:	5.40	1,080.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
26	W1MO54F#	Papuc fixat pe conductor ... mmp...16-25mmp Cu.	buc	9.00	11.16	100.44
				material:	3.06	27.54
				manopera:	8.10	72.90
				utilaj:	0.00	0.00
				transport:	0.00	0.00
26.L	5202304	Papuc cupru pc 16	buc	9.00	8.30	74.70
procent		material	manopera	utilaj	transport	total
Cheltuieli directe:		68,494.76	7,527.95	2,973.44	587.00	79,583.15
Alte cheltuieli directe:						
CAM	2.2500 %	0.00	169.38	0.00	0.00	169.38
Total inclusiv Cheltuieli directe:		68,494.76	7,697.33	2,973.44	587.00	79,752.52
Cheltuieli indirecte	10.0000 %					7,975.25
Total inclusiv Cheltuieli indirecte:						87,727.78
Profit	5.0000 %					4,386.39
Total inclusiv Beneficiu:						92,114.17
TOTAL GENERAL (fara TVA):						92,114.17

						Pag 18
0	1		2	3	4	5 = 3 x 4
STADIUL FIZIC: Instalatii impamantare						
5.1	W1R06A1 - asimilat	Electrod impamantare tip cruce 50x50x3 din OL-zn, cu lungimea de 1,5m - asimilat	m	31.00	157.98	4,897.26
				material:	130.00	4,030.00
				manopera:	25.98	805.26
				utilaj:	2.00	62.00
				transport:	0.00	0.00
5.1	20012784	Banda masticata anticoroziva	buc	5.00	60.00	300.00
				material:	60.00	300.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
5.2	EG02B1 [1]	Priza din banda din OL - ZN 40 x 4 mm zincata la cald ptr priza de legare la pamant in teren normal folosit in cazul in care prizele naturale nu pot asigura rezistentele maxime impuse prin proiect si normatice, teren normal	m	170.00	84.29	14,329.73
				material:	19.79	3,364.73
				manopera:	64.50	10,965.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
5.3	EG10A1	Cutie cu eclisa de legatura, ...pentru centura de împământare	buc	1.00	112.40	112.40
				material:	71.00	71.00
				manopera:	41.40	41.40
				utilaj:	0.00	0.00
				transport:	0.00	0.00
26	W1MO54F#	Papuc fixat pe conductor ... mmp...16-25mmp Cu.	buc	20.00	14.91	298.20
				material:	6.81	136.20
				manopera:	8.10	162.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
26.L	5202304	Papuc cupru pc 16	buc	20.00	8.30	166.00
5.4	EG02D1 - asimilat	Conducta de captare, montata pe acoperis, de beton, cu învelitori hidrofuge bituminoase, conducta fiind din...otel rotund zincat, D = 12 mm - asimilat conductor multifilar 16 mmp galben verde	m	30.00	78.95	2,368.51
				material:	13.55	406.51
				manopera:	65.40	1,962.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
5.6	TSA04C1	Sapatura manuala de pamant in spatii limitate,avand sub 1 m latime si maximum 4.50 m adancime,executata cu sprijiniri,cu evacuare manuala,la fundatii,canale,drumuri etc...in pamant cu umiditate naturala adancimea sapaturii 0-1,5 m teren tare	mc	68.00	79.20	5,385.60
				material:	0.00	0.00
				manopera:	79.20	5,385.60
				utilaj:	0.00	0.00
				transport:	0.00	0.00
5.7	TSD01C1	Imprastierea cu lopata a pamant. afinat,strat uniform 10-30cm. gros cu sfarim. bulg. teren...pamant coeziv	mc	68.00	12.99	883.32
				material:	0.00	0.00
				manopera:	12.99	883.32
				utilaj:	0.00	0.00
				transport:	0.00	0.00
5.8	TSD04C1	Compactarea cu maiul de mana a umpluturilor executate in sapaturi orizontale sau inclinate la 1/4,inclusiv udarea fiecarui strat de pamant in parte,avand :...20 cm grosime pamant necoeziv	mc	68.00	22.60	1,536.80
				material:	0.40	27.20
				manopera:	22.20	1,509.60
				utilaj:	0.00	0.00
				transport:	0.00	0.00
	W1R11A	Imbinarea prizei de legare...la pamant cu suruburi galvanizate m 8 x 60	buc	10.00	7.60	76.00
				material:	4.60	46.00
				manopera:	3.00	30.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00

