

Reconstructia perimetrului de paza al Penetenciarului nr.10, satul Goian

(denumirea obiectivului)

DEVIZ LOCAL № 504/2020-1.2-SPA Supraveghere video

Valoarea de deviz 1 786 656,55 lei

Intocmit in prețuri curente

№ crt.	Simbol norme și Cod resurse	Lucrări și cheltuieli	U.M.	Cantitate conform datelor din proiect	Valoarea de deviz, lei	
					Pe unitate de măsură	Total
1	2	3	4	5	6	7
		1. Lucrari de constructie				
1	TsA02C	Sapatura manuala de pamint in spatii limitate, avind sub 1,00 m sau peste 1,00 m latime, executata fara sprijiniri, cu taluz vertical, la fundatii, canale, subsoluri, drenuri, trepte de infratire, in pamint necoeziv sau slab coeziv adincime < 0,75 m teren tare	m3	10,300	121,66	1 253,12
2	TsD18C	Umplutura compactata in santuri, pentru cablurile ingropate ale liniilor electrice de inalta tensiune, executata cu pamint provenit din teren tare	m3	6,900	71,50	493,34
3	TsC35A11	Excavat transport cu incarcator frontal , la distante de incarcare in autovehicul cu incarcator frontal pe senile de 0,5-0,99 m.c, pamint din teren catg.1 la distanta 11-20 m (Kafinare - 1.21)	100 m3	0,040	399,50	15,98
4	TsI51A1	Transportarea cu autobasculanta de 10 t la distanta de: 1 km	t	5,610	7,09	39,78
5	TsC51B	Lucrari la descarcarea pamintului in depozit, teren categoria II	100 m3	0,040	108,25	4,33
6	TsC50B	Repararea si intretinerea drumurilor naturale la transportarea pamintului, pentru	100 m3	0,040	33,00	1,32

1	2	3	4	5	6	7
		fiecare 0,5 km, teren categoria II				
		<i>Total</i>	lei			1 807,87
		<i>Asigurarea sociala</i>	24 %			419,34
		<i>Total</i>				2 227,21
		<i>Cheltuieli de regie</i>	14,5 %			322,95
		<i>Total</i>				2 550,16
		<i>Beneficiu de deviz</i>	6 %			153,01
		Total Lucrari de constructie Inclusiv salariu				2 703,17 1 747,27
		2. Lucrari de montare				
7	10-04-087-14	Utilaj de centrala: Dispozitiv de inregistrare digitala - camera video	buc	32,000	486,12	15 555,71
8	10-04-077-01	Utilaj de centrala: Registrator video	buc	1,000	2 173,95	2 173,95
9	10-04-101-10	Utilaj de abonat si utilaj divers: 3,5" HDD	buc	4,000	60,71	242,84
10	10-06-068-14	Reglarea sistemelor digitale sincronice de transmisiune. Reglarea sistemului de control si dirijare: Instalarea sistemului de operare, asigurarii de program - Software de management video	buc	1,000	11 993,28	11 993,28
11	10-04-062-07	Stelaj pentru dispozitive de videocontrol, pina la: 8 - Carcasa metalica de pardosea pentru video wall	buc	1,000	5 996,11	5 996,11
12	10-04-067-20	Aparataj de televiziune color: video wall 2x4 (46")	buc	1,000	2 125,90	2 125,90
13	10-04-077-05	Utilaj de centrala: Dispozitiv de receptie si transmitere - Controller pentru Video Wall	buc	1,000	1 606,24	1 606,24
14	10-04-067-23	Aparataj de televiziune color: Dispozitiv de videocontrol - Input/Output Board	buc	4,000	148,95	595,80
15	10-06-037-04	Dulap de pardosea - RACK 19" 42U	buc	1,000	392,30	392,30

1	2	3	4	5	6	7
16	08-03-575-1	Dispozitive montate in panouri si dulapuri: polite perforate 19"	buc	10,000	65,19	651,89
17	10-04-031-01	Aparataj, montat separat: Comutator de retea	buc	9,000	557,48	5 017,32
18	10-06-015-09	Lucrari diverse: Montarea Bloc de alimentare UPS 19"	buc	1,000	129,27	129,27
19	10-02-051-04	Pozare, conectare cabluri, conductori, bare: Puncti de conexiune de cablu intre sectii a unui stativ: fara pozare in canal de cablu. Modul SFP to RJ45	100 buc	0,100	178,70	17,87
20	10-02-051-01	Pozare, conectare cabluri, conductori, bare: Modul SFP to RJ45	100 buc	0,100	1 383,80	138,38
21	pret furnizor	Modul SFP to RJ45	buc	10,000	300,00	3 000,00
22	10-04-064-01	Aparataj de masa: Modul de administrare a camerei video de tip PTZ	buc	1,000	196,55	196,55
23	08-03-573-5	Dulap (pupitru) de comanda suspendat, inaltime, latime si adancime, mm, pina la 900x600x500	buc	7,000	204,30	1 430,13
24	10-08-003-06	Dispozitive optic-(foto)electrice: bloc de alimentare si control	buc	7,000	474,80	3 323,61
25	08-03-575-1	Dispozitive montate in panouri si dulapuri: Acumulator 12V, 17Ah	buc	28,000	65,19	1 825,30
26	10-08-019-01	Utilaj divers de electroceasoficare: Cutie de conexiune pentru camere video	buc	32,000	29,09	930,96
27	pret furnizor	Cutie de conexiune pentru camere video	buc	32,000	35,00	1 120,00
28	10-08-019-01	Utilaj divers de electroceasoficare: Cutie de distributie din metal IP65, 110x110x50 mm	buc	6,000	28,83	172,98
29	pret furnizor	Cutie de distributie din metal IP65, 110x110x50 mm	buc	6,000	150,00	900,00
30	08-02-409-6	Teava din vinilplast pe constructii instalate, pe baza pardoselii, diametru pina la 25 mm	100 m	0,350	1 816,31	635,71

1	2	3	4	5	6	7
31	pret furnizor	Teava PE p/u electromontaj d=25 mm	m	35,000	9,75	341,25
32	08-02-411-1	Furtun metalic, diametrul exterior pina la 48 mm	100 m	1,380	4 795,75	6 618,13
33	pret furnizor	Furtun metalic corugat cu izolatie D=18 mm	m	138,000	15,00	2 070,00
34	08-02-396-2	Canal metalic pe constructii, console, pe ferme si coloane, lungime 3 m	100 m	6,240	3 172,39	19 795,74
35	pret furnizor	Canal metalic zincat, neperforat, pentru cabluri, cu capac, sectiune 50(h)x50 mm	m	624,000	75,00	46 800,00
36	08-02-412-2	Introducerea conductorilor in tevi si furtunuri metalice pozate: primul conductor monofir sau multifir in impletire comuna, sectiune sumara pina la 6 mm2	100 m	1,730	460,03	795,86
37	08-02-398-1	Conductor in jgheaburi, sectiune pina la 6 mm2	100 m	14,390	200,44	2 884,34
38	pret furnizor	Cablu cu conductoare din cupru solid SF/UTP 4x2x24AWG, cat.6A, dublu ecranat	m	1 612,000	15,00	24 180,00
39	pret furnizor	Conector RJ-45 cat. 6A	buc	65,000	4,05	263,25
		<i>Total</i>	lei			163 920,67
		<i>Asigurarea sociala</i>	24 %			16 182,82
		<i>Cheltuieli de transport</i>	7 %			6 336,90
		<i>Total</i>				186 440,39
		<i>Cheltuieli de regie</i>	76 %			51 245,60
		<i>Total</i>				237 685,99
		<i>Beneficiu de deviz</i>	6 %			14 261,16
		Total Lucrari de montare Inklusiv salariu				251 947,15 67 428,42
		3. Utilaj				
40	pret furnizor	IP camera de retea, cilindrica, 1/1,8" CMOS, 0,0005 lux@ (F1.0, AGC ON), 4mm, White Light	buc	25,000	4 375,00	109 375,00

1	2	3	4	5	6	7
		Range 40 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR , Alarm 1 input, 1 output, Audio 1 input (line in), 12 VDC, max. 100 mA, Motion detection, Line crossing detection, temperatura exploatare -30*C/+60*C, PoE(802.3af), 7 W, IP67, cu elemente de fixare				
41	pret furnizor	IP camera de retea, PTZ tip cupol, 1/2,8" Progressive Scan CMOS, Color: 0,005 lux@ (F1.2, AGC ON) B/W, B/W: 0.001 Lux @ (F1.2, AGC ON), 4.8 to 153 mm, zoom: digital 16x, optic 32, IR 150 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR, Motion detection, Alarm: 1 audio input, 1 audio output, intrusion detection; region entrance detection; region exiting detection;audio exception detection;line crossing detection, temperatura exploatare - 30*C/+60*C, Hi-PoE, Max. 60 W, IP66, cu elemente de fixare si bloc de alimentare	buc	4,000	20 250,00	81 000,00
42	pret furnizor	IP camera de retea, PTZ tip cupol cu Radar, 1/1,8" Progressive Scan CMOS, Color: 0,002 lux@ (F1.2, AGC ON) B/W, B/W: 0.0002 Lux, 6.0 to 240 mm, zoom: digital 16x, optic 40, IR 200 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR, EIS, regional focus, optical defog, motion detection;alarm input 7;alarm output 2, 1 audio input, 1 audio output, Intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio, Radar: human - 100 m, vehicle - 120 m, temperatura exploatare - 40*C/+70*C, Hi-PoE, Max. 60 W, IP67, cu elemente de fixare si bloc de alimentare	buc	3,000	68 000,00	204 000,00
43	pret furnizor	Micro SD card 64Gb, clasa 10, UHS-I, viteza de citire - 48 Mb/s, viteza de inscriere - 20 M/s	buc	32,000	490,00	15 680,00

1	2	3	4	5	6	7
44	pret furnizor	Registrator video IP, cu 32 canale, pentru camere video IP pina la 8 Mp, H.264+/H.265, VGA/HDMI, Ethernet 2x10/100/1000, Bitrate 512 Mb/sec, cu posibilitatea de instalare a 4 HDD 3.5 6Tb, USB 2.0/3.0, cu bloc de alimentare si cablurile de conexiune	buc	1,000	17 000,00	17 000,00
45	pret furnizor	HDD 3.5, 6TB, 5900rot/min, 256M, SATA 6 Gb/s, RV Sensor	buc	4,000	5 600,00	22 400,00
46	pret furnizor	Software de management video - Simple Intelligent Motion	buc	1,000	6 650,00	6 650,00
47	pret furnizor	Carcasa metalica de pardosea pentru video walll 2 rinduri a cite 4 module 46"	buc	1,000	81 000,00	81 000,00
48	pret furnizor	Video walll 2 rinduri a cite 4 module, diagonala 46", unghiul de vizualizare vertical -178*, unghiul de vizualizare orizontal -178*, iesiri/intrari - HDMI, DVI, VGA	buc	1,000	260 000,00	260 000,00
49	pret furnizor	Controller pentru Video Wall. Multiple signal sources are supported, including VGA, DVI, HDMI, SDI, YpbPr, DP, HDBaseT. Up to 3840 x 2160@30 Hz resolution is supported for HDMI, DP and HDBaseT signal inputs. An enhanced network decoding board supports H.264 and H.265 compression standard and can display network signal of 2-ch@8.0 MP, 2-ch@6.0 MP, 2-ch@5.0 MP, 8-ch@1080p, 16-ch@720p and 32-ch@D1 and local video files; Supports 1/4/9/16 window division modes and full-screen switch of the window. (Unavailable for the LED mode). Service Board Slot 11 (6 x Input, 5 x Output)	buc	1,000	90 700,00	90 700,00
50	pret furnizor	Input Board - 2 ch HDMI, input rezolution 3840x2160 pc	buc	2,000	48 600,00	97 200,00
51	pret furnizor	Output Board - 4 ch HDMI, input rezolution 3840x2160 pcs @ 30 Hz	buc	2,000	49 450,00	98 900,00

1	2	3	4	5	6	7
52	pret furnizor	Dulap de telecomunicatii si retelistica RACK 19" 42U, 600x800x2055 mm, usa fata sticla securizata, usa spate metal perforat, dotat cu sistem de ventilare compus din 4 ventilatoare cu termostat in set	buc	1,000	8 100,00	8 100,00
53	pret furnizor	Polita perforate pentru dulap RACK 19", masa utila - pina la 100 kg	buc	10,000	490,00	4 900,00
54	pret furnizor	Network switches. Rack- mountable 1U. Interfaces - 24 x 1000Base-T RJ-45, 4 x 1000Base- X SFP, 1 x console RJ-45. Authentication Method - RADIUS, TACACS+. Compliant Standards - IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1v, IEEE 802.3az. Encryption Algorithm - SSL, SSL 3.0, SSL 2.0. Features - Flow control, full duplex capability, layer 2 switching, DHCP support, auto- negotiation, BOOTP support, RARP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, port mirroring, Weighted Round Robin (WRR) queuing, store and forward, MAC address filtering, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, firmware upgradable, SNMP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), DHCP server, Safeguard Engine, D-Link Green Technology. Flash Memory - 32 MB. MAC Address Table Size - 16K entries. Performance - Switching capacity: 56 Gbps;	buc	1,000	4 050,00	4 050,00

1	2	3	4	5	6	7
		Forwarding performance (64-byte packet size); 41.7 Mpps. Ports - 24 x 10/100/1000 + 4 x Gigabit SFP. RAM - 128 MB DDR3 SDRAM. Remote Management Protocol - SNMP 1, SNMP 2, Telnet, SNMP 3, SNMP 2c, HTTP, CLI. Routing Protocol - IGMPv2, IGMP, MLDv2, MLD. Status Indicators - Port transmission speed, power, link OK, link activity. Compliant Standards - FCC Class A certified, UL, VCCI, C-Tick, BSMI, cUL, CCC, LVD. Power Consumption Operational - 16,09 W. Power Device - Internal power supply. Voltage Required - AC 120/230 V (50/60 Hz)				
55	pret furnizor	Layer two Hardened PoE switch. Ethernet Port - 1*1000 Base-X 1*10/100/1000 Base-T 8*10/100 Base-T (PoE power supply). PoE Power Consumption - Port1-2=60W, Port3-8=30W, Total=96W. PoE PIN Assignment - 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-). MAC auto learning and aging, MAC address capacity is 8K. Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1-2 supports Hi-PoE 60W power supply · Supports IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards. MAC auto learning and aging, MAC address capacity is 8K. Switching Capacity - 7.6G. Packet Forwarding Rate - 4.17Mpps. Packet Buffer Memory - 1Mb. Power - DC 48~57V power adapter. Lightning Protection - Common Mode 6KV, Differential Mode 4KV. ESD Protection - Air Discharge 15KV, Contact Discharge 8KV. Working Temperature - -30°C/+65°C.	buc	4,000	3 320,00	13 280,00
56	pret furnizor	Layer two Hardened PoE switch. 1*100/1000 Base-X 1*10/100/1000 Base-T 4*10/100	buc	4,000	2 180,00	8 720,00

1	2	3	4	5	6	7
		Base-T (PoE power supply). PoE PIN Assignment - 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-). MAC auto learning and aging, MAC address capacity is 8K. · Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1 supports Hi-PoE 60W power supply. Supports IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards. MAC auto learning and aging, MAC address capacity is 8K. Switching Capacity - 6.8G. Packet Forwarding Rate - 3.57Mpps. Packet Buffer Memory - 1Mb. Power - DC 48~57V power adapter. Lightning Protection - Common Mode 6KV, Differential Mode 4KV. ESD Protection - Air Discharge 15KV, Contact Discharge 8KV. Working Temperature - -30°C/+65°C.				
57	pret furnizor	Bloc de alimentare UPS 19", dimensiuni - 530x438x3U, IP20. Input nominal voltage - 200/208/220/230/240Vac. Input frequency - Nominal: 50 or 60 Hz / Range: 40-70 Hz. Power factor - 0.99. Bypass nominal voltage - 200/208/220/230/240VAC. Bypass nominal frequency - 50 or 60 Hz. Output nominal power 6.0 KVA. Output active power - 5.4 KW. Output nominal voltage - 200/208/220/230/240Vac. Crest factor - 3:1. Output nominal frequency - 50Hz or 60Hz. Battery type - VRLA AGM o VRLA GEL. Max charging current - 1A. Battery charging profile - DIN 41733 Temperature compensated. Remote signals - Remote EPO. Communication interface - Serial RS232. Options - RS485 ModBus; SNMP/HTTP/MODBUS; AS-400.	buc	1,000	32 400,00	32 400,00
58	pret furnizor	Modul de administrare a camerei video de tip PTZ cu cablurile de conexiune in set	buc	1,000	4 600,00	4 600,00

1	2	3	4	5	6	7
59	pret furnizor	Tablou de distributie, montat aparent, dimensiuni de gabarit: 600x300x800(h) mm, IP65, dotat cu lacat si bare de tip DIN, cu elemente de prindere	buc	7,000	1 370,00	9 590,00
60	pret furnizor	Bloc de alimentare de rezerva I=4A (max 5,5A), U=48V, cu RS- 485	buc	7,000	3 250,00	22 750,00
61	pret furnizor	Acumulator 12V, 17A/h	buc	28,000	975,00	27 300,00
		<i>Total</i>	lei			1 219 595,00
		<i>Cheltuieli de depozitare</i>	1,2 %			14 635,14
		Total Utilaj Inclusiv salariu				1 234 230,14

		Total	lei	1 488 880,46
		TVA	20 %	297 776,09
		Total deviz: Inclusiv salariu		
				1 786 656,55

Intocmit

Eurostil Construct SRL

(funcția, semnătura, numele, prenumele)

Verificat

(funcția, semnătura, numele, prenumele)

**Reconstructia perimetrului de
paza al Penetenciarului nr.10,
satul Goian**

(denumirea obiectivului)

Formular Nr.3

WinCmeta

**Deviz local de resurse № 504/2020-1.2-SPA
Supraveghere video**

Valoarea de deviz 1 786 656,55 lei

Intocmit in prețuri curente

№ crt.	Simbol norme și Cod resurse	Denumire lucrări și cheltuieli	U.M.	Cantitate conform datelor din proiect	Valoarea de deviz, lei	
					Pe unitate de măsură	Total
1	2	3	4	5	6	7
		Total borderou de resurse № 504/2020-1.2-SPA:				

Manopera :

1.	1	Muncitor	h-om	1 169,414	57,66	67 428,42
2.	9310060019900	Muncitor necalificat	h-om	30,303	57,66	1 747,27
		Total manopera				69 175,69

Materiale:

1.	1010089	Suruburi cu cap hexagonal, diametrul filetului 8 mm	t	0,000	18 000,00	0,00
2.	1010091	Suruburi cu cap hexagonal, diametrul filetului 12-(14) mm	t	0,000	18 000,00	0,00
3.	1010115	Suruburi cu cap semirotund, lungime 50 mm	t	0,003	18 000,00	54,00
4.	1010117	Ceara de polietilena neoxidata, marcile "IIB-25", "IIB-100", "IIB-200", "IIB-300", "IIB-500"	t	0,000	35 000,00	0,00
5.	1010121	Piulite hexagonale, diametrul filetului 8 mm	t	0,000	18 000,00	0,00
6.	1010219	Liant de ipsos "Г-3"	t	0,002	4 200,00	8,40
7.	1010490	Lacuri de bachelita "ЛБС-1", "ЛБС-2"	t	0,000	55 000,00	0,00
8.	1010801	Sirma de arama rotunda electrotehnica "MM" (moale), diametrul 1,0-3,0 mm si mai mare	t	0,000	18 750,00	0,00
9.	1010812	Sirma de otel cu continut redus de carbon, destinatie diferita zincata, diametrul 1,6 mm	t	0,000	18 750,00	0,00
10.	1010813	Sirma din otel cu carbon redus pentru diferite destinatii, zincata, diametru 3,0 mm	t	0,005	18 750,00	93,75
11.	1011481	Suruburi, cap semirotund 4x40 mm	t	0,000	18 000,00	0,00
12.	1011665	Lac electro-izolator "318"	kg	1,820	55,00	100,10
13.	1011755	Otel fisie calmat, marca "Cr3cr", latime 50-200 mm, grosime 4-5 mm	t	0,071	18 000,00	1 278,00
14.	1011764	Talc maruntit cat. I	t	0,001	4 000,00	4,00
15.	1011851	Cauciuc presat	kg	0,255	35,00	8,92
16.	1011924	Electrozi Э42А, diametru 4 mm	kg	45,181	37,00	1 671,69

17.	1011959	Vopsele de emulsie apoasa, "BƏAK-1180"	t	0,000	55 000,00	0,00
18.	1011963	Colofoniu de pin	kg	0,027	42,00	1,13
19.	1011977	Suruburi cu piulite si saibe	kg	6,452	18,00	116,14
20.	1012043	Saibe zincate, diametrul 10 mm	kg	0,002	21,00	0,04
21.	1012073	Ate aspre	kg	0,688	92,00	63,29
22.	1012206	Dibluri din masa plastica, suruburi 12x70 mm	10 buc	2,800	12,00	33,60
23.	1019100	Cartus pentru impuscat	10 buc	112,354	25,00	2 808,85
24.	1019103	Dibluri de distantare	100 buc	2,496	25,00	62,40
25.	1019109	Dibluri pentru conexiune	10 buc	112,354	12,00	1 348,25
26.	1019852	Vopsea	kg	0,895	55,00	49,22
27.	1039160	Mansoane de cuplare	buc	13,800	0,75	10,35
28.	1100201	Bucse de polietilena "ГП-1" lungime 70 mm, diametrul interior 6,5 mm	buc	4,000	2,35	9,40
29.	1110109	Fise de marcare din masa plastica	100 buc	5,420	120,00	650,40
30.	1130211	Email "ЭП-140" de protectie	kg	2,100	55,00	115,50
31.	1130367	Panglica din polietilena cu strat lipicios, marca "A"	kg	0,034	35,00	1,19
32.	1139042	Clei "BMK-5k"	kg	0,070	55,00	3,85
33.	121	Modul SFP to RJ45	buc	10,000	300,00	3 000,00
34.	123	IP camera de retea, cilindrica, 1/1,8" CMOS, 0,0005 lux@ (F1.0, AGC ON), 4mm, White Light Range 40 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR , Alarm 1 input, 1 output, Audio 1 input (line in), 12 VDC, max. 100 mA, Motion detection, Line crossing detection, temperatura exploatare - 30°C/+60°C, PoE(802.3af), 7 W, IP67, cu elemente de fixare	buc	25,000	4 375,00	109 375,00
35.	1234	IP camera de retea, PTZ tip cupol, 1/2,8" Progressive Scan CMOS, Color: 0,005 lux@ (F1.2, AGC ON) B/W, B/W: 0.001 Lux @ (F1.2, AGC ON), 4.8 to 153 mm, zoom: digital 16x, optic 32, IR 150 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR, Motion detection, Alarm: 1 audio input, 1 audio output, intrusion detection; region entrance detection; region exiting detection;audio exception detection;line crossing detection, temperatura exploatare -30°C/+60°C, Hi-PoE, Max. 60 W, IP66, cu elemente de fixare si bloc de alimentare	buc	4,000	20 250,00	81 000,00
36.	12356	Micro SD card 64Gb, clasa 10, UHS-I, viteza de citire - 48 Mb/s, viteza de inscriere - 20 M/s	buc	32,000	490,00	15 680,00
37.	1251	IP camera de retea, PTZ tip cupol cu Radar, 1/1,8" Progressive Scan CMOS, Color: 0,002 lux@ (F1.2, AGC ON) B/W, B/W: 0.0002 Lux, 6.0 to 240 mm, zoom: digital 16x, optic 40, IR 200 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR, EIS, regional focus, optical defog, motion detection;alarm input 7;alarm output 2, 1 audio input, 1 audio output, Intrusion detection, line crossing detection, region entrance detection, region	buc	3,000	68 000,00	204 000,00

		exiting detection, audio, Radar: human - 100 m, vehicle - 120 m, temperatura exploatare -40°C/+70°C, Hi-PoE, Max. 60 W, IP67, cu elemente de fixare si bloc de alimentare				
38.	127	Cutie de conexiune pentru camere video	buc	32,000	35,00	1 120,00
39.	129	Cutie de distributie din metal IP65, 110x110x50 mm	buc	6,000	150,00	900,00
40.	131	Teava PE p/u electromontaj d=25 mm	m	35,000	9,75	341,25
41.	133	Furtun metalic corugat cu izolatie D=18 mm	m	138,000	15,00	2 070,00
42.	135	Canal metalic zincat, neperforat, pentru cabluri, cu capac, sectiune 50(h)x50 mm	m	624,000	75,00	46 800,00
43.	138	Cablu cu conductoare din cupru solid SF/UTP 4x2x24AWG, cat.6A, dublu ecranat	m	1 612,000	15,00	24 180,00
44.	139	Conector RJ-45 cat. 6A	buc	65,000	4,05	263,25
45.	1411122201752	Piatra sparta	m3	0,000	262,35	0,00
46.	14598	Output Board - 4 ch HDMI, input rezolotion 3840x2160 pcs @ 30 Hz	buc	2,000	49 450,00	98 900,00
47.	153	Polita perforate pentru dulap RACK 19", masa utila - pina la 100 kg	buc	10,000	490,00	4 900,00
48.	4029050	Mortar de ciment	m3	0,007	850,00	5,95
49.	4100116202806	Apa industriala in cisterne pt. lucrari drumuri-terasam.	m3	0,690	0,00	0,00
50.	4110041	Energie electrica	kw-h	1,000	0,00	0,00
51.	4845	Modul de administrare a camerei video de tip PTZ cu cablurile de conexiune in set	buc	1,000	4 600,00	4 600,00
52.	48952	Video walll 2 rinduri a cite 4 module, diagonala 46", unghiul de vizualizare vertical -178*, unghiul de vizualizare orizontal -178*, iesiri/intrari - HDMI, DVI, VGA	buc	1,000	260 000,00	260 000,00
53.	489632	Dulap de telecomunicatii si retelistica RACK 19" 42U, 600x800x2055 mm, usa fata sticla securizata, usa spate metal perforat, dotat cu sistem de ventilare compus din 4 ventilatoare cu termostat in set	buc	1,000	8 100,00	8 100,00
54.	489966312	Bloc de alimentare de rezerva I=4A (max 5,5A), U=48V, cu RS-485	buc	7,000	3 250,00	22 750,00
55.	4996362	Controller pentru Video Wall. Multiple signal sources are supported, including VGA, DVI, HDMI, SDI, YpbPr, DP, HDBaseT. Up to 3840 x 2160@30 Hz resolution is supported for HDMI, DP and HDBaseT signal inputs. An enhanced network decoding board supports H.264 and H.265 compression standard and can display network signal of 2-ch@8.0 MP, 2-ch@6.0 MP, 2-ch@5.0 MP, 8-ch@1080p, 16-ch@720p and 32-ch@D1 and local video files; Supports 1/4/9/16 window division modes and full-screen switch of the window. (Unavailable for the LED mode). Service Board Slot 11 (6 x Input, 5 x Output)	buc	1,000	90 700,00	90 700,00
56.	5	Masa utilajului	t	2,434	500,00	1 217,00

57.	5009030	Flanse	10 buc	0,350	15,00	5,25
58.	5009031	Scoabe	10 buc	41,364	10,00	413,64
59.	5009041	Dispozitiv de stringere - ramificare	100 buc	0,536	75,00	40,20
60.	5009056	Capace de izolatie	10 buc	1,384	15,00	20,76
61.	5009061	Fisa de izolatie	buc	34,906	1,20	41,89
62.	5009062	Papuci de cablu	buc	99,000	2,50	247,50
63.	5009070	Racordari	10 buc	2,080	25,00	52,00
64.	5009081	Punti de conexiune flexibile, tip "ПГC-50"	buc	6,900	1,00	6,90
65.	5009090	Profil de montaj	buc	0,175	1,15	0,20
66.	5009101	Butoane de montaj	1000 buc	0,288	1 200,00	345,60
67.	5009140	Fise de conexiune	100 buc	0,087	150,00	13,05
68.	5009264	Tub din policlorvinil	kg	0,046	35,00	1,61
69.	5009500	Fise de marcare	100 buc	0,755	120,00	90,60
70.	5009623	Banda "K226"	100 m	0,720	85,00	61,20
71.	5009719	Fisii si catarama pentru fixarea conductorilor	100 buc	3,741	120,00	448,92
72.	5009826	Dispozitiv de stringere cuplare	100 buc	1,439	85,00	122,32
73.	5070173	Conductori neizolati din arama flexibila pentru instalatii electrice si antene, marca "МГ", sectiune 4 mm2	t	0,000	18 000,00	0,00
74.	5071022	Conductore de montare, tensiune joasa, fir flexibil cu multe sirme, izolate cu fibra bumbac din plasticat polivinilclorura, marca "ПМВГ", sectiune 0,35 mm2	1000 m	0,008	1 200,00	9,60
75.	5220075	Aliaje de staniu-plumb fara stibiu, marca "ПЮС61"	kg	0,004	65,00	0,26
76.	5220076	Aliaje de staniu-plumb fara stibiu, marca "ПЮС40"	kg	0,666	65,00	43,29
77.	5220077	Aliaje de lipit din staniu-plumb fara stibiu, marca "ПЮС30"	kg	0,644	65,00	41,86
78.	5220093	Aliaje de staniu-plumb cu stibiu, marca "ПЮСCy30-2"	kg	0,070	65,00	4,55
79.	5430005	Tevi din cauciuc tehnic pentru automobilele "АВТОВАЗ"- lui si ale altor uzine	t	0,000	35 000,00	0,00
80.	5440066	Tesaturi lacuite din sticla, marca "ЛСК-155/180", latime 690, 790, 890, 940, 990, 1060, 1140 mm, grosime 0,08 mm	10 m2	0,018	78,15	1,41
81.	5440089	Banda adeziva izolatoare pe compound policasin, marca "ЛСЭПЛ", latime 20-30 mm, grosime de la 0,14 pina la 0,19 mm inclusiv	kg	3,557	35,00	124,50
82.	5500122	Flux "ФК/Т"	kg	0,001	55,00	0,06
83.	554726	Acumulator 12V, 17A/h	buc	28,000	975,00	27 300,00
84.	56952	Input Board - 2 ch HDMI, input rezolution 3840x2160 pc	buc	2,000	48 600,00	97 200,00
85.	578426	Tablou de distributie, montat aparent, dimensiuni de gabarit: 600x300x800(h) mm, IP65, dotat cu lacat si bare de tip DIN, cu elemente de prindere	buc	7,000	1 370,00	9 590,00
86.	585899	Software de management video - Simple Intelligent Motion	buc	1,000	6 650,00	6 650,00
87.	587412	Layer two Hardened PoE switch.1*100/1000 Base-X 1*10/100/1000 Base-T 4*10/100 Base-T (PoE power supply). PoE PIN Assignment - 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-). MAC auto learning	buc	4,000	2 180,00	8 720,00

		and aging, MAC address capacity is 8K. · Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1 supports Hi-PoE 60W power supply. Supports IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards. MAC auto learning and aging, MAC address capacity is 8K. Switching Capacity - 6.8G. Packet Forwarding Rate - 3.57Mpps. Packet Buffer Memory - 1Mb. Power - DC 48~57V power adapter. Lightning Protection - Common Mode 6KV, Differential Mode 4KV. ESD Protection - Air Discharge 15KV, Contact Discharge 8KV. Working Temperature - -30°C/+65°C.				
88.	59645	HDD 3.5, 6TB, 5900rot/min, 256M, SATA 6 Gb/s, RV Sensor	buc	4,000	5 600,00	22 400,00
89.	66666952	Bloc de alimentare UPS 19", dimensiuni - 530x438x3U, IP20. Input nominal voltage - 200/208/220/230/240Vac. Input frequency - Nominal: 50 or 60 Hz / Range: 40-70 Hz. Power factor - 0.99. Bypass nominal voltage - 200/208/220/230/240VAC. Bypass nominal frequency - 50 or 60 Hz. Output nominal power 6.0 KVA. Output active power - 5.4 KW. Output nominal voltage - 200/208/220/230/240Vac. Crest factor - 3:1. Output nominal frequency - 50Hz or 60Hz. Battery type - VRLA AGM o VRLA GEL. Max charging current - 1A. Battery charging profile - DIN 41733 Temperature compensated. Remote signals - Remote EPO. Communication interface - Serial RS232. Options - RS485 ModBus; SNMP/HTTP/MODBUS; AS-400.	buc	1,000	32 400,00	32 400,00
90.	754469	Network switches. Rack-mountable 1U. Interfaces - 24 x 1000Base-T RJ-45, 4 x 1000Base-X SFP, 1 x console RJ-45. Authentication Method - RADIUS, TACACS+. Compliant Standards - IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1v, IEEE 802.3az. Encryption Algorithm - SSL, SSL 3.0, SSL 2.0. Features - Flow control, full duplex capability, layer 2 switching, DHCP support, auto-negotiation, BOOTP support, RARP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, port mirroring, Weighted Round Robin (WRR) queuing, store and forward, MAC address filtering, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, firmware upgradable, STP support, Spanning Tree	buc	1,000	4 050,00	4 050,00

		Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), DHCP server, Safeguard Engine, D-Link Green Technology. Flash Memory - 32 MB. MAC Address Table Size - 16K entries. Performance - Switching capacity: 56 Gbps; Forwarding performance (64-byte packet size); 41.7 Mpps. Ports - 24 x 10/100/1000 + 4 x Gigabit SFP. RAM - 128 MB DDR3 SDRAM. Remote Management Protocol - SNMP 1, SNMP 2, Telnet, SNMP 3, SNMP 2c, HTTP, CLI. Routing Protocol - IGMPv2, IGMP, MLDv2, MLD. Status Indicators - Port transmission speed, power, link OK, link activity. Compliant Standards - FCC Class A certified, UL, VCCI, C-Tick, BSMI, cUL, CCC, LVD. Power Consumption Operational - 16,09 W. Power Device - Internal power supply. Voltage Required - AC 120/230 V (50/60 Hz)				
91.	85452	Carcasa metalica de pardosea pentru video wall 2 rinduri a cite 4 module 46"	buc	1,000	81 000,00	81 000,00
92.	9452	Registrator video IP, cu 32 canale, pentru camere video IP pina la 8 Mp, H.264+/H.265, VGA/HDMI, Ethernet 2x10/100/1000, Bitrate 512 Mb/sec, cu posibilitatea de instalare a 4 HDD 3.5 6Tb, USB 2.0/3.0, cu bloc de alimentare si cablurile de conexiune	buc	1,000	17 000,00	17 000,00
93.	968521	Layer two Hardened PoE switch. Ethernet Port - 1*1000 Base-X 1*10/100/1000 Base-T 8*10/100 Base-T (PoE power supply). PoE Power Consumption - Port1-2=60W, Port3-8=30W, Total=96W. PoE PIN Assignment - 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-). MAC auto learning and aging, MAC address capacity is 8K. Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1-2 supports Hi-PoE 60W power supply · Supports IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards. MAC auto learning and aging, MAC address capacity is 8K. Switching Capacity - 7.6G. Packet Forwarding Rate - 4.17Mpps. Packet Buffer Memory - 1Mb. Power - DC 48~57V power adapter. Lightning Protection - Common Mode 6KV, Differential Mode 4KV. ESD Protection - Air Discharge 15KV, Contact Discharge 8KV. Working Temperature - - 30°C/+65°C.	buc	4,000	3 320,00	13 280,00
		Total materiale de construcții				1 310 122,09

Utilaje de construcții:

1.	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	11,171	125,00	1 396,38
2.	030101	Autoincarcatoare, 5 t	h-ut	7,640	75,00	573,00
3.	030401	Troliuri electrice, forta de tractiune, pina la 5,79 (0,59) kN (t)	h-ut	0,020	35,00	0,70
4.	030902	Ascensoare hidraulice, capacitate de ridicare 10 m	h-ut	72,352	25,00	1 808,80
5.	040502	Instalatii pentru sudare manuala cu arc electric (de curent continuu)	h-ut	50,363	25,00	1 259,07
6.	050102	Compresoare mobile, motor cu ardere interna, presiune 686 kPa (7 atm) 5 m3/min	h-ut	2,030	45,00	91,35
7.	100602	Ciocane usoare perforatoare la lucrari la statii mobile de compresare	h-ut	2,030	35,00	71,05
8.	2952260003554	Buldozer 79kw (108CP)	h-ut	0,022	220,00	4,84
9.	2952270007403	Incarcator frontal pe senile 0,5 - 0,99 mc	h-ut	0,213	75,00	15,98
10.	330206	Burghiuri electrice	h-ut	1,218	35,00	42,63
11.	331451	Perforatoare electrice	h-ut	20,634	35,00	722,18
12.	3410540000007	Autobasculanta-10t	h-ut	0,130	306,00	39,78
		Total utilaje de constructii				6 025,76

Total	lei	1 488 880,46
TVA	20 %	297 776,09

Total deviz: **1 786 656,55**

Intocmit

Eurostil Construct SRL

(funcția, semnătura, numele, prenumele)

Verificat

(funcția, semnătura, numele, prenumele)

Obiect Reconstrucia perimetrului de paza al
Penitenciariului nr.10, satul Goian

Investitor

Catalog de prețuri unitare pentru obiectul

Nr crt.	Simbol norme și Cod resurse	Denumire lucrări, cheltuieli și resurse	U.M.	Consum de resurse pe unitate de măsură	Valoare, lei	
					Pe unitate de măsură	Total
1	2	3	4	5	6	7
		1. Lucrari de constructie				
1	TsA02C	Sapatura manuala de pamint in spatii limitate, avind sub 1,00 m sau peste 1,00 m latime, executata fara sprijiniri, cu taluz vertical, la fundatii, canale, subsoluri, drenuri, trepte de infratire, in pamint necoeziv sau slab coeziv adincime < 0,75 m teren tare	m3			121,66
	9310060019900	Muncitor necalificat	h-om	2,1100	57,66	121,66
		<i>Total</i>	lei			1 253,12
2	TsD18C	Umplutura compactata in santuri, pentru cablurile ingropate ale liniilor electrice de inalta tensiune, executata cu pamint provenit din teren tare	m3			71,50
	9310060019900	Muncitor necalificat	h-om	1,2400	57,66	71,50
	4100116202806	Apa industrială în cisterne pt. lucrari drumuri-terasam.	m3	0,1000	0,00	0,00
		<i>Total</i>	lei			493,34
3	TsC35A11	Excavat transport cu incarcator frontal , la distante de incarcare in autovehicul cu incarcator frontal pe senile de 0,5-0,99 m.c, pamint din teren catg.1 la distanta 11-20 m (Kafinare - 1.21)	100 m3			399,50
	2952270007403	Incarcator frontal pe senile 0,5 - 0.99 mc	h-ut	5,3300	75,00	399,50
		<i>Total</i>	lei			15,98
4	TsI51A1	Transportarea cu autobasculanta de 10 t la distanta de: 1 km	t			7,09
	3410540000007	Autobasculanta-10t	h-ut	0,0232	306,00	7,09
		<i>Total</i>	lei			39,78
5	TsC51B	Lucrari la descarcarea pamintului in depozit, teren categoria II	100 m3			108,25
	9310060019900	Muncitor necalificat	h-om	0,3600	57,66	20,25
	1411122201752	Piatra sparta	m3	0,0040	262,35	0,00
	2952260003554	Buldozer 79kw (108CP)	h-ut	0,4000	220,00	88,00
		<i>Total</i>	lei			4,33
6	TsC50B	Repararea si intretinerea drumurilor naturale la transportarea pamintului, pentru fiecare 0,5 km, teren categoria II	100 m3			33,00
	1411122201752	Piatra sparta	m3	0,0120	262,35	0,00
	2952260003554	Buldozer 79kw (108CP)	h-ut	0,1400	220,00	33,00
		<i>Total</i>	lei			1,32
		2. Lucrari de montare				
7	10-04-087-14	Utilaj de centrala: Dispozitiv de inregistrare digitala - camera video	buc			486,12
	1	Muncitor	h-om	8,0000	57,66	461,28
	1012073	Ate aspre	kg	0,0005	92,00	0,05
	1110109	Fise de marcare din masa plastica	100 buc	0,0200	120,00	2,40
	5	Masa utilajului	t	0,0340	500,00	17,00
	5009062	Papuci de cablu	buc	2,0000	2,50	5,00
	5220077	Aliaje de lipit din staniu-plumb fara stibiu, marca "IIOC30"	kg	0,0060	65,00	0,39

1	2	3	4	5	6	7
		Total	lei			15 555,71
8	10-04-077-01	Utilaj de centrala: Registrator video	buc			2 173,95
	1	Muncitor	h-om	33,8000	57,66	1 948,91
	1012073	Ate aspre	kg	0,0010	92,00	0,09
	1110109	Fise de marcare din masa plastica	100 buc	0,1300	120,00	15,60
	5	Masa utilajului	t	0,0820	500,00	41,00
	5009062	Papuci de cablu	buc	13,0000	2,50	32,50
	5220077	Aliaje de lipit din staniu-plumb fara stibiu, marca "TIOC30"	kg	0,1400	65,00	9,10
	5430005	Tevi din cauciuc tehnic pentru automobilele "АВТОНА3"- lui si ale altor uzine	t	0,00001	35 000,00	0,00
	030101	Autoincarcatoare, 5 t	h-ut	1,6900	75,00	126,75
		Total	lei			2 173,95
9	10-04-101-10	Utilaj de abonat si utilaj divers: 3,5" HDD	buc			60,71
	1	Muncitor	h-om	1,0000	57,66	57,66
	5071022	Conductore de montare, tensiune joasa, fir flexibil cu multe sirme, izolate cu fibra bumbac din plasticat polivinilclorura, marca "IIMBF", sectiune 0,35 mm2	1000 m	0,0020	1 200,00	2,40
	5220076	Aliaje de staniu-plumb fara stibiu, marca "TIOC40"	kg	0,0100	65,00	0,65
		Total	lei			242,84
10	10-06-068-14	Reglarea sistemelor digitale sincronice de transmisiune. Reglarea sistemului de control si dirijare: Instalarea sistemului de operare, asigurarii de program - Software de management video	buc			11 993,28
	1	Muncitor	h-om	208,0000	57,66	11 993,28
		Total	lei			11 993,28
11	10-04-062-07	Stelaj pentru dispozitive de videocontrol, pina la: 8 - Carcasa metalica de pardosea pentru video wall	buc			5 996,11
	1	Muncitor	h-om	92,7000	57,66	5 345,08
	1012073	Ate aspre	kg	0,2000	92,00	18,40
	1110109	Fise de marcare din masa plastica	100 buc	1,0000	120,00	120,00
	4110041	Energie electrica	kw-h	1,0000	0,00	0,00
	5	Masa utilajului	t	0,3000	500,00	150,00
	5220077	Aliaje de lipit din staniu-plumb fara stibiu, marca "TIOC30"	kg	0,2000	65,00	13,00
	5440089	Banda adeziva izolatoare pe compound policasin, marca "ЛСЭЛЛ", latime 20-30 mm, grosime de la 0,14 pina la 0,19 mm inclusiv	kg	0,0680	35,00	2,38
	030101	Autoincarcatoare, 5 t	h-ut	4,6300	75,00	347,25
		Total	lei			5 996,11
12	10-04-067-20	Aparataj de televiziune color: video wall 2x4 (46")	buc			2 125,90
	1	Muncitor	h-om	34,9000	57,66	2 012,33
	1010091	Suruburi cu cap hexagonal, diametrul filetului 12-(14) mm	t	0,00009	18 000,00	0,00
	1010117	Ceara de polietilena neoxidata, marcile "IIB-25", "IIB-100", "IIB-200", "IIB-300", "IIB-500"	t	0,00002	35 000,00	0,00
	1010490	Lacuri de bachelita "ЛБС-1", "ЛБС-2"	t	0,00006	55 000,00	0,00
	1010801	Sirma de arama rotunda electrotehnica "MM" (moale), diametrul 1,0-3,0 mm si mai mare	t	0,00009	18 750,00	0,00
	1011851	Cauciuc presat	kg	0,2550	35,00	8,92
	1011959	Vopsele de emulsie apoasa, "ВЭАК-1180"	t	0,00001	55 000,00	0,00
	1012073	Ate aspre	kg	0,0040	92,00	0,37
	1130367	Panglica din polietilena cu strat lipicios, marca "A"	kg	0,0340	35,00	1,19
	5	Masa utilajului	t	0,1100	500,00	55,00
	5009062	Papuci de cablu	buc	17,0000	2,50	42,50
	5009264	Tub din policlorvinil	kg	0,0460	35,00	1,61
	5070173	Conductori neizolati din arama flexibila pentru instalatii electrice si antene, marca "MI", sectiune 4 mm2	t	0,0004	18 000,00	0,00
	5220075	Aliaje de staniu-plumb fara stibiu, marca "TIOC61"	kg	0,0040	65,00	0,26
	5440066	Tesaturi lacuite din sticla, marca "JICK-155/180", latime 690, 790, 890, 940, 990, 1060, 1140 mm, grosime 0,08 mm	10 m2	0,0180	78,15	1,41
	5500122	Flux "ФКДТ"	kg	0,0010	55,00	0,06
	030101	Autoincarcatoare, 5 t	h-ut	0,0300	75,00	2,25
		Total	lei			2 125,90
13	10-04-077-05	Utilaj de centrala: Dispozitiv de receptie si	buc			1 606,24

1	2	3	4	5	6	7
		transmitere - Controller pentru Video Wall				
	1	Muncitor	h-om	25,1000	57,66	1 447,27
	1012073	Ate aspre	kg	0,0010	92,00	0,09
	1110109	Fise de marcare din masa plastica	100 buc	0,0500	120,00	6,00
	5	Masa utilajului	t	0,0800	500,00	40,00
	5009062	Papuci de cablu	buc	5,0000	2,50	12,50
	5220077	Aliaje de lipit din staniu-plumb fara stibiu, marca "TIOC30"	kg	0,1020	65,00	6,63
	5430005	Tevi din cauciuc tehnic pentru automobilele "АвтоBA3"- lui si ale altor uzine	t	0,00004	35 000,00	0,00
	030101	Autoincarcatoare, 5 t	h-ut	1,2500	75,00	93,75
		Total	lei			1 606,24
14	10-04-067-23	Aparataj de televiziune color: Dispozitiv de videocontrol - Input/Output Board	buc			148,95
	1	Muncitor	h-om	2,1800	57,66	125,70
	5	Masa utilajului	t	0,0450	500,00	22,50
	030101	Autoincarcatoare, 5 t	h-ut	0,0100	75,00	0,75
		Total	lei			595,80
15	10-06-037-04	Dulap de pardosea - RACK 19" 42U	buc			392,30
	1	Muncitor	h-om	4,1200	57,66	237,56
	1010089	Suruburi cu cap hexagonal, diametrul filetului 8 mm	t	0,00005	18 000,00	0,00
	1010121	Piulite hexagonale, diametrul filetului 8 mm	t	0,00002	18 000,00	0,00
	1012043	Saibe zincate, diametrul 10 mm	kg	0,0020	21,00	0,04
	1130211	Email "ЭП-140" de protectie	kg	2,1000	55,00	115,50
	5	Masa utilajului	t	0,0770	500,00	38,50
	030401	Troliuri electrice, forta de tractiune, pina la 5,79 (0,59) kN (t)	h-ut	0,0200	35,00	0,70
		Total	lei			392,30
16	08-03-575-1	Dispozitive montate in panouri si dulapuri: polite perforate 19"	buc			65,19
	1	Muncitor	h-om	1,1200	57,66	64,58
	1011977	Suruburi cu piulite si saibe	kg	0,0200	18,00	0,36
	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	0,0020	125,00	0,25
		Total	lei			651,89
17	10-04-031-01	Aparataj, montat separat: Comutator de retea	buc			557,48
	1	Muncitor	h-om	8,0000	57,66	461,28
	1011665	Lac electro-izolator "318"	kg	0,2000	55,00	11,00
	1012073	Ate aspre	kg	0,0500	92,00	4,60
	1110109	Fise de marcare din masa plastica	100 buc	0,4000	120,00	48,00
	5	Masa utilajului	t	0,0530	500,00	26,50
	5220076	Aliaje de staniu-plumb fara stibiu, marca "TIOC40"	kg	0,0400	65,00	2,60
	5440089	Banda adeziva izolatoare pe compound policasin, marca "ЖСЭПЛ", latime 20-30 mm, grosime de la 0,14 pina la 0,19 mm inclusiv	kg	0,1000	35,00	3,50
		Total	lei			5 017,32
18	10-06-015-09	Lucrari diverse: Montarea Bloc de alimentare UPS 19"	buc			129,27
	1	Muncitor	h-om	2,0000	57,66	115,32
	1100201	Bucse de polietilena "ГП-1" lungime 70 mm, diametrul interior 6,5 mm	buc	4,0000	2,35	9,40
	5220093	Aliaje de staniu-plumb cu stibiu, marca "TIOCCy30-2"	kg	0,0700	65,00	4,55
		Total	lei			129,27
19	10-02-051-04	Pozare, conectare cabluri, conductori, bare: Puncti de conexiune de cablu intre sectii a unui stativ: fara pozare in canal de cablu. Modul SFP to RJ45	100 buc			178,70
	1	Muncitor	h-om	3,1000	57,66	178,70
		Total	lei			17,87
20	10-02-051-01	Pozare, conectare cabluri, conductori, bare: Modul SFP to RJ45	100 buc			1 383,80
	1	Muncitor	h-om	24,0000	57,66	1 383,80
		Total	lei			138,38
21	pret furnizor	Modul SFP to RJ45	buc			300,00
	121	Modul SFP to RJ45	buc	1,0000	300,00	300,00

1	2	3	4	5	6	7
		<i>Total</i>	lei			3 000,00
22	10-04-064-01	Aparataj de masa: Modul de administrare a camerei video de tip PTZ	buc			196,55
	1	Muncitor	h-om	3,0000	57,66	172,98
	1011665	Lac electro-izolator "318"	kg	0,0200	55,00	1,10
	1012073	Ate aspre	kg	0,0160	92,00	1,47
	5	Masa utilajului	t	0,0400	500,00	20,00
	5220077	Aliaje de lipit din staniu-plumb fara stibiu, marca "IIOC30"	kg	0,0100	65,00	0,65
	5440089	Banda adeziva izolatoare pe compound policasin, marca "JICЭИЛ", latime 20-30 mm, grosime de la 0,14 pina la 0,19 mm inclusiv	kg	0,0100	35,00	0,35
		<i>Total</i>	lei			196,55
23	08-03-573-5	Dulap (pupitru) de comanda suspendat, inaltime, latime si adincime, mm, pina la 900x600x500	buc			204,30
	1	Muncitor	h-om	2,3700	57,66	136,65
	1011924	Electrozi Э42А, diametru 4 mm	kg	0,1500	37,00	5,55
	1011977	Suruburi cu piulite si saibe	kg	0,1000	18,00	1,80
	1019852	Vopsea	kg	0,0200	55,00	1,10
	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	0,1200	125,00	15,00
	040502	Instalatii pentru sudare manuala cu arc electric (de curent continuu)	h-ut	0,8400	25,00	21,00
	050102	Compresoare mobile, motor cu ardere interna, presiune 686 kPa (7 atm) 5 m3/min	h-ut	0,2900	45,00	13,05
	100602	Ciocane usoare perforatoare la lucrari la statii mobile de compresare	h-ut	0,2900	35,00	10,15
		<i>Total</i>	lei			1 430,13
24	10-08-003-06	Dispozitive optic-(foto)electrice: bloc de alimentare si control	buc			474,80
	1	Muncitor	h-om	8,0000	57,66	461,28
	1010219	Liant de ipsos "Г-3"	t	0,00002	4 200,00	0,00
	1011963	Colofoniu de pin	kg	0,0038	42,00	0,16
	1012206	Dibluri din masa plastica, suruburi 12x70 mm	10 buc	0,4000	12,00	4,80
	5220076	Aliaje de staniu-plumb fara stibiu, marca "IIOC40"	kg	0,0380	65,00	2,47
	330206	Burghiuri electrice	h-ut	0,1740	35,00	6,09
		<i>Total</i>	lei			3 323,61
25	08-03-575-1	Dispozitive montate in panouri si dulapuri: Acumulator 12V, 17Ah	buc			65,19
	1	Muncitor	h-om	1,1200	57,66	64,58
	1011977	Suruburi cu piulite si saibe	kg	0,0200	18,00	0,36
	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	0,0020	125,00	0,25
		<i>Total</i>	lei			1 825,30
26	10-08-019-01	Utilaj divers de electroceasoficare: Cutie de conexiune pentru camere video	buc			29,09
	1	Muncitor	h-om	0,5000	57,66	28,83
	1010219	Liant de ipsos "Г-3"	t	0,00005	4 200,00	0,26
	1010812	Sirma de otel cu continut redus de carbon, destinatie diferita zincata, diametrul 1,6 mm	t	0,00001	18 750,00	0,00
	1011481	Suruburi, cap semirotund 4x40 mm	t	0,00001	18 000,00	0,00
		<i>Total</i>	lei			930,96
27	pret furnizor	Cutie de conexiune pentru camere video	buc			35,00
	127	Cutie de conexiune pentru camere video	buc	1,0000	35,00	35,00
		<i>Total</i>	lei			1 120,00
28	10-08-019-01	Utilaj divers de electroceasoficare: Cutie de distributie din metal IP65, 110x110x50 mm	buc			28,83
	1	Muncitor	h-om	0,5000	57,66	28,83
	1010219	Liant de ipsos "Г-3"	t	0,00005	4 200,00	0,00
	1010812	Sirma de otel cu continut redus de carbon, destinatie diferita zincata, diametrul 1,6 mm	t	0,00001	18 750,00	0,00
	1011481	Suruburi, cap semirotund 4x40 mm	t	0,00001	18 000,00	0,00
		<i>Total</i>	lei			172,98
29	pret furnizor	Cutie de distributie din metal IP65, 110x110x50 mm	buc			150,00

1	2	3	4	5	6	7
	129	Cutie de distributie din metal IP65, 110x110x50 mm	buc	1,0000	150,00	150,00
		<i>Total</i>	lei			900,00
30	08-02-409-6	Teava din vinilplast pe constructii instalate, pe baza pardoselii, diametru pina la 25 mm	100 m			1 816,31
	1	Muncitor	h-om	19,1000	57,66	1 101,31
	1010813	Sirma din otel cu carbon redus pentru diferite destinatii, zincata, diametru 3,0 mm	t	0,0021	18 750,00	53,57
	1019100	Cartus pentru impuscat	10 buc	12,2000	25,00	305,00
	1019109	Dibluri pentru conexiune	10 buc	12,2000	12,00	146,40
	1139042	Clei "BMK-5k"	kg	0,2000	55,00	11,00
	4029050	Mortar de ciment	m3	0,0210	850,00	17,00
	5009030	Flanse	10 buc	1,0000	15,00	15,00
	5009070	Racordari	10 buc	2,0000	25,00	50,00
	5009090	Profil de montaj	buc	0,5000	1,15	0,57
	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	0,1100	125,00	13,57
	331451	Perforatoare electrice	h-ut	2,9400	35,00	102,89
		<i>Total</i>	lei			635,71
31	pret furnizor	Teava PE p/u electromontaj d=25 mm	m			9,75
	131	Teava PE p/u electromontaj d=25 mm	m	1,0000	9,75	9,75
		<i>Total</i>	lei			341,25
32	08-02-411-1	Furtun metalic, diametrul exterior pina la 48 mm	100 m			4 795,75
	1	Muncitor	h-om	34,7000	57,66	2 000,80
	1010115	Suruburi cu cap semirotund, lungime 50 mm	t	0,00218	18 000,00	39,13
	1010813	Sirma din otel cu carbon redus pentru diferite destinatii, zincata, diametru 3,0 mm	t	0,0030	18 750,00	54,35
	1011755	Otel fisie calmat, marca "Cr3cn", latime 50-200 mm, grosime 4-5 mm	t	0,0515	18 000,00	926,09
	1011924	Electrozi Э42А, diametru 4 mm	kg	1,0500	37,00	38,85
	1019100	Cartus pentru impuscat	10 buc	21,8000	25,00	545,00
	1019109	Dibluri pentru conexiune	10 buc	21,8000	12,00	261,60
	1039160	Mansoane de cuplare	buc	10,0000	0,75	7,50
	5009031	Scoabe	10 buc	25,0000	10,00	250,00
	5009061	Fisa de izolatie	buc	10,0000	1,20	12,00
	5009070	Racordari	10 buc	1,0000	25,00	25,00
	5009081	Punti de conexiune flexibile, tip "ИГC-50"	buc	5,0000	1,00	5,00
	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	0,2200	125,00	27,54
	040502	Instalatii pentru sudare manuala cu arc electric (de curent continuu)	h-ut	17,9000	25,00	447,50
	331451	Perforatoare electrice	h-ut	4,4400	35,00	155,39
		<i>Total</i>	lei			6 618,13
33	pret furnizor	Furtun metalic corugat cu izolatie D=18 mm	m			15,00
	133	Furtun metalic corugat cu izolatie D=18 mm	m	1,0000	15,00	15,00
		<i>Total</i>	lei			2 070,00
34	08-02-396-2	Canal metalic pe constructii, console, pe ferme si coloane, lungime 3 m	100 m			3 172,39
	1	Muncitor	h-om	31,7000	57,66	1 827,82
	1011924	Electrozi Э42А, diametru 4 mm	kg	6,8400	37,00	253,08
	1011977	Suruburi cu piulite si saibe	kg	0,8000	18,00	14,40
	5009031	Scoabe	10 buc	1,1000	10,00	11,00
	1019100	Cartus pentru impuscat	10 buc	12,5000	25,00	312,50
	1019103	Dibluri de distantare	100 buc	0,4000	25,00	10,00
	1019109	Dibluri pentru conexiune	10 buc	12,5000	12,00	150,00
	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	1,5600	125,00	194,99
	030902	Ascensoare hidraulice, capacitate de ridicare 10 m	h-ut	9,7500	25,00	243,75
	040502	Instalatii pentru sudare manuala cu arc electric (de curent continuu)	h-ut	3,1700	25,00	79,25
	331451	Perforatoare electrice	h-ut	2,1600	35,00	75,60
		<i>Total</i>	lei			19 795,74
35	pret furnizor	Canal metalic zincat, neperforat, pentru cabluri, cu capac, sectiune 50(h)x50 mm	m			75,00
	135	Canal metalic zincat, neperforat, pentru cabluri, cu capac, sectiune 50(h)x50 mm	m	1,0000	75,00	75,00

1	2	3	4	5	6	7
		<i>Total</i>	lei			46 800,00
36	08-02-412-2	Introducerea conductorilor in tevi si furtunuri metalice pozate: primul conductor monofir sau multifir in impletire comuna, sectiune sumara pina la 6 mm2	100 m			460,03
	1	Muncitor	h-om	6,7400	57,66	388,62
	1011764	Talc maruntit cat. I	t	0,0006	4 000,00	2,31
	1019852	Vopsea	kg	0,0200	55,00	1,11
	5009041	Dispozitiv de stringere - ramificare	100 buc	0,3100	75,00	23,24
	5009056	Capace de izolatie	10 buc	0,8000	15,00	12,00
	5009061	Fisa de izolatie	buc	12,2000	1,20	14,64
	5009140	Fise de conexiune	100 buc	0,0500	150,00	7,54
	5009500	Fise de marcare	100 buc	0,0200	120,00	2,43
	5440089	Banda adeziva izolatoare pe compound policasin, marca "JICΘΠJ", latime 20-30 mm, grosime de la 0,14 pina la 0,19 mm inclusiv	kg	0,1600	35,00	5,61
	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	0,0200	125,00	2,53
		<i>Total</i>	lei			795,86
37	08-02-398-1	Conductor in jgheaburi, sectiune pina la 6 mm2	100 m			200,44
	1	Muncitor	h-om	1,6800	57,66	96,87
	1019852	Vopsea	kg	0,0500	55,00	2,75
	5009101	Butoane de montaj	1000 buc	0,0200	1 200,00	24,02
	5009500	Fise de marcare	100 buc	0,0500	120,00	6,00
	5009623	Banda "K226"	100 m	0,0500	85,00	4,25
	5009719	Fisii si catarama pentru fixarea conductorilor	100 buc	0,2600	120,00	31,20
	5009826	Dispozitiv de stringere cuplare	100 buc	0,1000	85,00	8,50
	5440089	Banda adeziva izolatoare pe compound policasin, marca "JICΘΠJ", latime 20-30 mm, grosime de la 0,14 pina la 0,19 mm inclusiv	kg	0,1600	35,00	5,60
	021102	Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t	h-ut	0,0100	125,00	1,25
	030902	Ascensoare hidraulice, capacitate de ridicare 10 m	h-ut	0,8000	25,00	20,00
		<i>Total</i>	lei			2 884,34
38	pret furnizor	Cablu cu conductoare din cupru solid SF/UTP 4x2x24AWG, cat.6A, dublu ecranat	m			15,00
	138	Cablu cu conductoare din cupru solid SF/UTP 4x2x24AWG, cat.6A, dublu ecranat	m	1,0000	15,00	15,00
		<i>Total</i>	lei			24 180,00
39	pret furnizor	Conector RJ-45 cat. 6A	buc			4,05
	139	Conector RJ-45 cat. 6A	buc	1,0000	4,05	4,05
		<i>Total</i>	lei			263,25
		3. Utilaj				
40	pret furnizor	IP camera de retea, cilindrica, 1/1,8" CMOS, 0,0005 lux@ (F1.0, AGC ON), 4mm, White Light Range 40 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR , Alarm 1 input, 1 output, Audio 1 input (line in), 12 VDC, max. 100 mA, Motion detection, Line crossing detection, temperatura exploatare - 30°C/+60°C, PoE(802.3af), 7 W, IP67, cu elemente de fixare	buc			4 375,00
	123	IP camera de retea, cilindrica, 1/1,8" CMOS, 0,0005 lux@ (F1.0, AGC ON), 4mm, White Light Range 40 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR , Alarm 1 input, 1 output, Audio 1 input (line in), 12 VDC, max. 100 mA, Motion detection, Line crossing detection, temperatura exploatare -30°C/+60°C, PoE(802.3af), 7 W, IP67, cu elemente de fixare	buc	1,0000	4 375,00	4 375,00
		<i>Total</i>	lei			109 375,00
41	pret furnizor	IP camera de retea, PTZ tip cupol, 1/2,8" Progressive Scan CMOS, Color: 0,005 lux@ (F1.2, AGC ON) B/W, B/W: 0.001 Lux @ (F1.2, AGC ON), 4.8 to 153 mm, zoom: digital 16x, optic 32, IR 150 m,	buc			20 250,00

1	2	3	4	5	6	7
		H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR, Motion detection, Alarm: 1 audio input, 1 audio output, intrusion detection; region entrance detection; region exiting detection; audio exception detection; line crossing detection, temperatura exploatare -30°C/+60°C, Hi-PoE, Max. 60 W, IP66, cu elemente de fixare si bloc de alimentare				
	1234	IP camera de retea, PTZ tip cupol, 1/2,8" Progressive Scan CMOS, Color: 0,005 lux@ (F1.2, AGC ON) B/W, B/W: 0.001 Lux @ (F1.2, AGC ON), 4.8 to 153 mm, zoom: digital 16x, optic 32, IR 150 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR, Motion detection, Alarm: 1 audio input, 1 audio output, intrusion detection; region entrance detection; region exiting detection; audio exception detection; line crossing detection, temperatura exploatare -30°C/+60°C, Hi-PoE, Max. 60 W, IP66, cu elemente de fixare si bloc de alimentare	buc	1,0000	20 250,00	20 250,00
		<i>Total</i>	lei			81 000,00
42	pret furnizor	IP camera de retea, PTZ tip cupol cu Radar, 1/1,8" Progressive Scan CMOS, Color: 0,002 lux@ (F1.2, AGC ON) B/W, B/W: 0.0002 Lux, 6.0 to 240 mm, zoom: digital 16x, optic 40, IR 200 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR, EIS, regional focus, optical defog, motion detection; alarm input 7; alarm output 2, 1 audio input, 1 audio output, Intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio, Radar: human - 100 m, vehicle - 120 m, temperatura exploatare -40°C/+70°C, Hi-PoE, Max. 60 W, IP67, cu elemente de fixare si bloc de alimentare	buc			68 000,00
	1251	IP camera de retea, PTZ tip cupol cu Radar, 1/1,8" Progressive Scan CMOS, Color: 0,002 lux@ (F1.2, AGC ON) B/W, B/W: 0.0002 Lux, 6.0 to 240 mm, zoom: digital 16x, optic 40, IR 200 m, H.264+/H.265 , Card MicroSD+, BLC, HLC, 3D DNR, EIS, regional focus, optical defog, motion detection; alarm input 7; alarm output 2, 1 audio input, 1 audio output, Intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio, Radar: human - 100 m, vehicle - 120 m, temperatura exploatare -40°C/+70°C, Hi-PoE, Max. 60 W, IP67, cu elemente de fixare si bloc de alimentare	buc	1,0000	68 000,00	68 000,00
		<i>Total</i>	lei			204 000,00
43	pret furnizor	Micro SD card 64Gb, clasa 10, UHS-I, viteza de citire - 48 Mb/s, viteza de inscriere - 20 M/s	buc			490,00
	12356	Micro SD card 64Gb, clasa 10, UHS-I, viteza de citire - 48 Mb/s, viteza de inscriere - 20 M/s	buc	1,0000	490,00	490,00
		<i>Total</i>	lei			15 680,00
44	pret furnizor	Registrator video IP, cu 32 canale, pentru camere video IP pina la 8 Mp, H.264+/H.265, VGA/HDMI, Ethernet 2x10/100/1000, Bitrate 512 Mb/sec, cu posibilitatea de instalare a 4 HDD 3.5 6Tb, USB 2.0/3.0, cu bloc de alimentare si cablurile de conexiune	buc			17 000,00
	9452	Registrator video IP, cu 32 canale, pentru camere video IP pina la 8 Mp, H.264+/H.265, VGA/HDMI, Ethernet 2x10/100/1000, Bitrate 512 Mb/sec, cu posibilitatea de instalare a 4 HDD 3.5 6Tb, USB 2.0/3.0, cu bloc de alimentare si cablurile de conexiune	buc	1,0000	17 000,00	17 000,00
		<i>Total</i>	lei			17 000,00
45	pret furnizor	HDD 3.5, 6TB, 5900rot/min, 256M, SATA 6 Gb/s, RV Sensor	buc			5 600,00

1	2	3	4	5	6	7
	59645	HDD 3.5, 6TB, 5900rot/min, 256M, SATA 6 Gb/s, RV Sensor	buc	1,0000	5 600,00	5 600,00
		<i>Total</i>	lei			22 400,00
46	pret furnizor	Software de management video - Simple Intelligent Motion	buc			6 650,00
	585899	Software de management video - Simple Intelligent Motion	buc	1,0000	6 650,00	6 650,00
		<i>Total</i>	lei			6 650,00
47	pret furnizor	Carcasa metalica de pardosea pentru video walll 2 rinduri a cite 4 module 46"	buc			81 000,00
	85452	Carcasa metalica de pardosea pentru video walll 2 rinduri a cite 4 module 46"	buc	1,0000	81 000,00	81 000,00
		<i>Total</i>	lei			81 000,00
48	pret furnizor	Video walll 2 rinduri a cite 4 module, diagonala 46", unghiul de vizualizare vertical -178*, unghiul de vizualizare orizontal -178*, iesiri/intrari - HDMI, DVI, VGA	buc			260 000,00
	48952	Video walll 2 rinduri a cite 4 module, diagonala 46", unghiul de vizualizare vertical -178*, unghiul de vizualizare orizontal -178*, iesiri/intrari - HDMI, DVI, VGA	buc	1,0000	260 000,00	260 000,00
		<i>Total</i>	lei			260 000,00
49	pret furnizor	Controller pentru Video Wall. Multiple signal sources are supported, including VGA, DVI, HDMI, SDI, YpbPr, DP, HDBaseT. Up to 3840 x 2160@30 Hz resolution is supported for HDMI, DP and HDBaseT signal inputs. An enhanced network decoding board supports H.264 and H.265 compression standard and can display network signal of 2-ch@8.0 MP, 2-ch@6.0 MP, 2-ch@5.0 MP, 8-ch@1080p, 16-ch@720p and 32-ch@D1 and local video files; Supports 1/4/9/16 window division modes and full-screen switch of the window. (Unavailable for the LED mode). Service Board Slot 11 (6 x Input, 5 x Output)	buc			90 700,00
	4996362	Controller pentru Video Wall. Multiple signal sources are supported, including VGA, DVI, HDMI, SDI, YpbPr, DP, HDBaseT. Up to 3840 x 2160@30 Hz resolution is supported for HDMI, DP and HDBaseT signal inputs. An enhanced network decoding board supports H.264 and H.265 compression standard and can display network signal of 2-ch@8.0 MP, 2-ch@6.0 MP, 2-ch@5.0 MP, 8-ch@1080p, 16-ch@720p and 32-ch@D1 and local video files; Supports 1/4/9/16 window division modes and full-screen switch of the window. (Unavailable for the LED mode). Service Board Slot 11 (6 x Input, 5 x Output)	buc	1,0000	90 700,00	90 700,00
		<i>Total</i>	lei			90 700,00
50	pret furnizor	Input Board - 2 ch HDMI, input rezolution 3840x2160 pc	buc			48 600,00
	56952	Input Board - 2 ch HDMI, input rezolution 3840x2160 pc	buc	1,0000	48 600,00	48 600,00
		<i>Total</i>	lei			97 200,00
51	pret furnizor	Output Board - 4 ch HDMI, input rezolution 3840x2160 pcs @ 30 Hz	buc			49 450,00
	14598	Output Board - 4 ch HDMI, input rezolution 3840x2160 pcs @ 30 Hz	buc	1,0000	49 450,00	49 450,00
		<i>Total</i>	lei			98 900,00
52	pret furnizor	Dulap de telecomunicatii si retelistica RACK 19" 42U, 600x800x2055 mm, usa fata sticla securizata, usa spate metal perforat, dotat cu sistem de ventilare compus din 4 ventilatoare cu termosta in set	buc			8 100,00
	489632	Dulap de telecomunicatii si retelistica RACK 19" 42U, 600x800x2055 mm, usa fata sticla securizata, usa spate metal perforat, dotat cu sistem de ventilare compus din 4 ventilatoare cu termosta in	buc	1,0000	8 100,00	8 100,00

1	2	3	4	5	6	7
		set				
		Total	lei			8 100,00
53	pret furnizor	Polita perforate pentru dulap RACK 19", masa utila - pina la 100 kg	buc			490,00
	153	Polita perforate pentru dulap RACK 19", masa utila - pina la 100 kg	buc	1,0000	490,00	490,00
		Total	lei			4 900,00
54	pret furnizor	Network switches. Rack-mountable 1U. Interfaces - 24 x 1000Base-T RJ-45, 4 x 1000Base-X SFP, 1 x console RJ-45. Authentication Method - RADIUS, TACACS+. Compliant Standards - IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1v, IEEE 802.3az. Encryption Algorithm - SSL, SSL 3.0, SSL 2.0. Features - Flow control, full duplex capability, layer 2 switching, DHCP support, auto-negotiation, BOOTP support, RARP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, port mirroring, Weighted Round Robin (WRR) queuing, store and forward, MAC address filtering, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, firmware upgradable, SNMP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), DHCP server, Safeguard Engine, D-Link Green Technology. Flash Memory - 32 MB. MAC Address Table Size - 16K entries. Performance - Switching capacity: 56 Gbps; Forwarding performance (64-byte packet size); 41.7 Mpps. Ports - 24 x 10/100/1000 + 4 x Gigabit SFP. RAM - 128 MB DDR3 SDRAM. Remote Management Protocol - SNMP 1, SNMP 2, Telnet, SNMP 3, SNMP 2c, HTTP, CLI. Routing Protocol - IGMPv2, IGMP, MLDv2, MLD. Status Indicators - Port transmission speed, power, link OK, link activity. Compliant Standards - FCC Class A certified, UL, VCCI, C-Tick, BSMI, cUL, CCC, LVD. Power Consumption Operational - 16,09 W. Power Device - Internal power supply. Voltage Required - AC 120/230 V (50/60 Hz)	buc			4 050,00
	754469	Network switches. Rack-mountable 1U. Interfaces - 24 x 1000Base-T RJ-45, 4 x 1000Base-X SFP, 1 x console RJ-45. Authentication Method - RADIUS, TACACS+. Compliant Standards - IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1v, IEEE 802.3az. Encryption Algorithm - SSL, SSL 3.0, SSL 2.0. Features - Flow control, full duplex capability, layer 2 switching, DHCP support, auto-negotiation, BOOTP support, RARP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, port mirroring, Weighted Round Robin (WRR) queuing, store and forward, MAC address filtering, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, firmware upgradable, SNMP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), DHCP server, Safeguard Engine, D-Link Green Technology.	buc	1,0000	4 050,00	4 050,00

1	2	3	4	5	6	7
		Flash Memory - 32 MB. MAC Address Table Size - 16K entries. Performance - Switching capacity: 56 Gbps; Forwarding performance (64-byte packet size); 41.7 Mpps. Ports - 24 x 10/100/1000 + 4 x Gigabit SFP. RAM - 128 MB DDR3 SDRAM. Remote Management Protocol - SNMP 1, SNMP 2, Telnet, SNMP 3, SNMP 2c, HTTP, CLI. Routing Protocol - IGMPv2, IGMP, MLDv2, MLD. Status Indicators - Port transmission speed, power, link OK, link activity. Compliant Standards - FCC Class A certified, UL, VCCI, C-Tick, BSMI, cUL, CCC, LVD. Power Consumption Operational - 16,09 W. Power Device - Internal power supply. Voltage Required - AC 120/230 V (50/60 Hz)				
		<i>Total</i>	lei			4 050,00
55	pret furnizor	Layer two Hardened PoE switch. Ethernet Port - 1*1000 Base-X 1*10/100/1000 Base-T 8*10/100 Base-T (PoE power supply). PoE Power Consumption - Port1-2=60W, Port3-8=30W, Total=96W. PoE PIN Assignment - 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-). MAC auto learning and aging, MAC address capacity is 8K. Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1-2 supports Hi-PoE 60W power supply · Supports IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards. MAC auto learning and aging, MAC address capacity is 8K. Switching Capacity - 7.6G. Packet Forwarding Rate - 4.17Mpps. Packet Buffer Memory - 1Mb. Power - DC 48~57V power adapter. Lightning Protection - Common Mode 6KV, Differential Mode 4KV. ESD Protection - Air Discharge 15KV, Contact Discharge 8KV. Working Temperature - -30°C/+65°C.	buc			3 320,00
	968521	Layer two Hardened PoE switch. Ethernet Port - 1*1000 Base-X 1*10/100/1000 Base-T 8*10/100 Base-T (PoE power supply). PoE Power Consumption - Port1-2=60W, Port3-8=30W, Total=96W. PoE PIN Assignment - 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-). MAC auto learning and aging, MAC address capacity is 8K. Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1-2 supports Hi-PoE 60W power supply · Supports IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards. MAC auto learning and aging, MAC address capacity is 8K. Switching Capacity - 7.6G. Packet Forwarding Rate - 4.17Mpps. Packet Buffer Memory - 1Mb. Power - DC 48~57V power adapter. Lightning Protection - Common Mode 6KV, Differential Mode 4KV. ESD Protection - Air Discharge 15KV, Contact Discharge 8KV. Working Temperature - -30°C/+65°C.	buc	1,0000	3 320,00	3 320,00
		<i>Total</i>	lei			13 280,00
56	pret furnizor	Layer two Hardened PoE switch. 1*100/1000 Base-X 1*10/100/1000 Base-T 4*10/100 Base-T (PoE power supply). PoE PIN Assignment - 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-). MAC auto learning and aging, MAC address capacity is 8K. · Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1 supports Hi-PoE 60W power supply. Supports IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards. MAC auto learning and aging, MAC address capacity is 8K. Switching Capacity - 6.8G. Packet Forwarding Rate - 3.57Mpps. Packet Buffer Memory - 1Mb. Power - DC 48~57V power adapter. Lightning Protection - Common Mode 6KV, Differential Mode 4KV. ESD Protection - Air Discharge 15KV,	buc			2 180,00

1	2	3	4	5	6	7
		Contact Discharge 8KV. Working Temperature - -30°C/+65°C.				
	587412	Layer two Hardened PoE switch.1*100/1000 Base-X 1*10/100/1000 Base-T 4*10/100 Base-T (PoE power supply). PoE PIN Assignment - 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-). MAC auto learning and aging, MAC address capacity is 8K. · Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1 supports Hi-PoE 60W power supply.Supports IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards. MAC auto learning and aging, MAC address capacity is 8K. Switching Capacity - 6.8G. Packet Forwarding Rate - 3.57Mpps. Packet Buffer Memory - 1Mb. Power - DC 48~57V power adapter. Lightning Protection - Common Mode 6KV, Differential Mode 4KV. ESD Protection - Air Discharge 15KV, Contact Discharge 8KV. Working Temperature - -30°C/+65°C.	buc	1,0000	2 180,00	2 180,00
		<i>Total</i>	lei			8 720,00
57	pret furnizor	Bloc de alimentare UPS 19", dimensiuni - 530x438x3U, IP20. Input nominal voltage - 200/208/220/230/240Vac. Input frequency - Nominal: 50 or 60 Hz / Range: 40-70 Hz. Power factor - 0.99. Bypass nominal voltage - 200/208/220/230/240VAC. Bypass nominal frequency - 50 or 60 Hz. Output nominal power 6.0 KVA. Output active power - 5.4 KW. Output nominal voltage - 200/208/220/230/240Vac. Crest factor - 3:1. Output nominal frequency - 50Hz or 60Hz. Battery type - VRLA AGM o VRLA GEL. Max charging current - 1A. Battery charging profile - DIN 41733 Temperature compensated. Remote signals - Remote EPO. Communication interface - Serial RS232. Options - RS485 ModBus; SNMP/HTTP/MODBUS; AS-400.	buc			32 400,00
	66666952	Bloc de alimentare UPS 19", dimensiuni - 530x438x3U, IP20. Input nominal voltage - 200/208/220/230/240Vac. Input frequency - Nominal: 50 or 60 Hz / Range: 40-70 Hz. Power factor - 0.99. Bypass nominal voltage - 200/208/220/230/240VAC. Bypass nominal frequency - 50 or 60 Hz. Output nominal power 6.0 KVA. Output active power - 5.4 KW. Output nominal voltage - 200/208/220/230/240Vac. Crest factor - 3:1. Output nominal frequency - 50Hz or 60Hz. Battery type - VRLA AGM o VRLA GEL. Max charging current - 1A. Battery charging profile - DIN 41733 Temperature compensated. Remote signals - Remote EPO. Communication interface - Serial RS232. Options - RS485 ModBus; SNMP/HTTP/MODBUS; AS-400.	buc	1,0000	32 400,00	32 400,00
		<i>Total</i>	lei			32 400,00
58	pret furnizor	Modul de administrare a camerei video de tip PTZ cu cablurile de conexiune in set	buc			4 600,00
	4845	Modul de administrare a camerei video de tip PTZ cu cablurile de conexiune in set	buc	1,0000	4 600,00	4 600,00
		<i>Total</i>	lei			4 600,00
59	pret furnizor	Tablou de distributie, montat aparent, dimensiuni de gabarit: 600x300x800(h) mm, IP65, dotat cu lacat si bare de tip DIN, cu elemente de prindere	buc			1 370,00
	578426	Tablou de distributie, montat aparent, dimensiuni de gabarit: 600x300x800(h) mm, IP65, dotat cu lacat si bare de tip DIN, cu elemente de prindere	buc	1,0000	1 370,00	1 370,00
		<i>Total</i>	lei			9 590,00
60	pret furnizor	Bloc de alimentare de rezerva I=4A (max 5,5A), U=48V, cu RS-485	buc			3 250,00
	489966312	Bloc de alimentare de rezerva I=4A (max 5,5A), U=48V, cu RS-485	buc	1,0000	3 250,00	3 250,00

1	2	3	4	5	6	7
		<i>Total</i>	lei			22 750,00
61	pret furnizor	Acumulator 12V, 17A/h	buc			975,00
	554726	Acumulator 12V, 17A/h	buc	1,0000	975,00	975,00
		<i>Total</i>	lei			27 300,00

APROBAT:

Intocmit

Investitor

Eurostil Construct SRL

(funcția, semnătura, numele, prenumele)

(funcția, semnătura, numele, prenumele)

L.S.

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