|  |  |
| --- | --- |
| **Primaria or. Ungheni** | Formular Nr.7WinСmeta |
| (denumirea obiectivului) |  |

**DEVIZ LOCAL №**

 **Sistemul Supraveghere Video**

|  |
| --- |
| **Valoarea de deviz \_ \_\_\_ \_\_\_,\_\_ USD** |

Intocmit in preţuri curente 19.07.2023

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| №crt. | Simbol norme şi Cod resurse | Lucrări şi cheltuieli | U.M. | Cantitate conform datelor din proiect | Valoarea de deviz, USD |
| Pe unitate de măsură————incl. salariu | Total—————incl. salariu |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- |
|   |  | **1. Lucrari de montare** |  |  |  |  |
|  |  | **1.1. Utilaj de retea** |  |  |  |  |
| 1 | 10-04-001-02 apl | Emitator telegrafic-telefonic pe unde scurte neautomatizat, capacitate, kW: 1 ( Antena de receptie 5Gz N300 Outdoor Wireless Base Station DH-PFWB5-90n ) | set | 4,0000 |  |  |
|  2 | 10-04-001-02 apl | Emitator telegrafic-telefonic pe unde scurte neautomatizat, capacitate, kW: 1 ( Antena de receptie 5Gz N300 20dBi Outdoor Wireless Base CPE DH-PFWB5-10n ) | set | 36,0000 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  Lei |  |  |  |
|  |  | **Total Utilaj de retea****Inclusiv salariu** |  |  |  |  |
|  |  | **1.2. Structuri de cablare, cabluri** |  |  |  |  |
| 3 | 08-02-411-1 | Furtun metalic, diametrul exterior pina la 48 mm | 100 m | 6,0000 |  |  |
|  4 | Pret furnizor | Furtun metalic ondulat diam. 20 mm | m | 600,0000 |  |  |
|  5 | 08-02-412-1 | Introducerea conductorilor in tevi si furtunuri metalice pozate: primul conductor monofir sau multifir in impletire comuna, sectiune sumara pina la 2,5 mm2 | 100 m | 8,1000 |  |  |
|  6 | Pret furnizor | Cablu F/FTP cat 5e PE 4x2x0.52 | m | 900,0000 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  USD |  |  |  |
|  |  | **Total Structuri de cablare, cabluri****Inclusiv salariu** |  |  |  |  |
|  |  | **1.3. Materiale** |  |  |  |  |
| 7 | 10-01-051-28 | Fasonare si conectare cabluri si conductori: Cablu "ТСВ", capacitate 5х2 la fasonarea unui cablu: prin lipire | 10 buc | 18,0000 |  |  |
|  8 | Pret furnizor | Conectoare RJ-45  | buc | 200,0000 |  |  |
|  9 | Pret furnizor | Elemente de fixare | buc | 60,0000 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  USD |  |  |  |
|  |  | **Total Materiale****Inclusiv salariu** |  |  |  |  |
|  |  | **1.4. Utilaj video** |  |  |  |  |
| 10 | 10-06-037-01 | Dulapuri, cutii si doze pentru instalatii prin tevi: Dulap de pardosea, marime, mm, pina la: 600х600 ( dulap de telecomunicatii 19" 42U 600х600 ) | buc | 1,0000 |  |  |
|  11 | 10-04-067-22 | Aparataj de televiziune color: Camera de televiziune de transmisiune ( Camera video 4Mp IP Bulet )  | buc | 16,0000 |  |  |
|  12 | 10-04-067-22 | Aparataj de televiziune color: Camera de televiziune de transmisiune ( Camera PTZ IP )  | buc | 16,0000 |  |  |
|  13 | 11-04-008-01 | Bloc detasabil si flexibil (module, celule, "ТЭЗ"), masa, kg, pina la: 5 ( comutator 24 Port Gigabit Switch ) | buc | 1,0000 |  |  |
|  14 | 11-04-008-01 | Bloc detasabil si flexibil (module, celule, "ТЭЗ"), masa, kg, pina la: 5 ( 6-Port Cloud Managed Switch with 4-port PoE ) | buc | 36,0000 |  |  |
|  15 | 11-04-008-03 | Bloc detasabil si flexibil (module, celule, "ТЭЗ"), masa, kg, pina la: 20 ( depozitare 16-HDD Enterprise Video Storage EVS5016S-R ) | buc | 1,0000 |  |  |
|  16 | 11-04-008-02 | Bloc detasabil si flexibil (module, celule, "ТЭЗ"), masa, kg, pina la: 10 ( Express Video Management System Server DHI-DSS4004-S2 ) | buc | 1,0000 |  |  |
|  17 | 10-04-066-04 apl | Aparataj de perete: Doze de cablu de conectare sau de ramificare ( PoE Extender PTF1300 ) | buc | 36,0000 |  |  |
|  18 | 10-01-001-10 | Utilaj centrala "АТСКУ": Placheta destinatie diversa, cu pregatire loc de montare ( Seagate SkyHawk HDD 4TB 3.5", 256Mb, SATA III ST4000VX005 ) | buc | 16,0000 |  |  |
|  19 | 10-01-039-06 apl | Piese diverse: Releu, cheie, buton si alt, cu pregatire loc de montare (de ex. Micro SD DAHUA DHI-TF-C100/256GB ori echivalent) | buc | 52,0000 |  |  |
|  20 | 10-06-037-05 | Dulapuri, cutii si doze pentru instalatii prin tevi: Dulap de perete, marime, mm, pina la: 640х840 ( panou DH-PFM377 )  | buc | 1,0000 |  |  |
|  **21** | 10-04-067-23 apl | Aparataj de televiziune color: Dispozitiv de videocontrol (de ex. Monitor 49”-55" (16:9) FHD DHL51-F600 DAHUA ori echivalent) | buc | **4** |  |  |
|  22 | 10-04-066-04 | Aparataj de perete: Doze de cablu de conectare sau de ramificare ( cutie DH-PFA130-E )  | buc | 16,0000 |  |  |
| **22.1** |  | **Video wall controller** | **Buc** | **1** |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  USD |  |  |  |
|  |  | **Total Utilaj video****Inclusiv salariu** |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | *Total* |  USD |  |  |  |
|  |  | *Asigurari sociale* |  % |  |  |  |
|  |  | *TOTAL* |   |  |  |  |
|  |  | *Transportarea materialelor* |  % |  |  |  |
|  |  | *Cheltuieli de depozitare* |  % |  |  |  |
|  |  | *TOTAL* |   |  |  |  |
|  |  | *Cheltuieli de regie* |  % |  |  |  |
|  |  | *TOTAL* |   |  |  |  |
|  |  | *Beneficiu de deviz* |  % |  |  |  |
|  |  | **Total Lucrari de montare****Inclusiv salariu** |  |  |  |  |
|  |  | **2. Utilaj** |  |  |  |  |
|  |  | **2.1. Utilaj de retea** |  |  |  |  |
| 23 | Pret furnizor | Antena de receptie 5Gz N300 Outdoor Wireless Base Station de ex. DH-PFWB5-90n DAHUAori echivalent | buc | 4,0000 |  |  |
|  24 | Pret furnizor | Antena de receptie 5Gz N300 20dBi Outdoor Wireless Base de ex. CPE DH-PFWB5-10n DAHUA ori echivalent | buc | 36,0000 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  USD |  |  |  |
|  |  | **Total Utilaj de retea****Inclusiv salariu** |  |  |  |  |
|  |  | **2.2. Utilaj video** |  |  |  |  |
| 25 | Pret furnizor | Dulap de telecomunicatii 19" 42U 600х600 | buc | 1,0000 |  |  |
|  26 | Pret furnizor | Camera video 4Mp IP Bulet de ex. IPC-HFW3441EP-SA DAHUA ori echivalent | buc | 16,0000 |  |  |
|  27 | Pret furnizor | Camera PTZ IP de ex. SD49425XA-HNR DAHUA ori echivalent | buc | 36,0000 |  |  |
|  28 | Pret furnizor | 24 Port Gigabit Switch ( Unmanaged ) de ex. PFS3024-24GT DAHUA ori echivalent | buc | 1,0000 |  |  |
|  29 | Pret furnizor | 6-Port Cloud Managed Switch with 4-port PoE de ex. S4100-4ET2ET-60-C DAHUA ori echivalent | buc | 36,0000 |  |  |
|  30 | Pret furnizor | PoE Extender de ex. PTF1300 DAHUA ori echivalent | buc | 36,0000 |  |  |
|  31 | Pret furnizor | 16-HDD Enterprise Video Storage de ex. EVS5016S-R DAHUA ori echivalent | buc | 1,0000 |  |  |
|  **32** | Pret furnizor | Seagate SkyHawk HDD 10TB 3.5", 256Mb, SATA III ST4000VX005 | buc | 16,0000 |  |  |
|  33 | Pret furnizor | Micro SD de ex. DAHUA DHI-TF-C100/256GB ori echivalent | buc | 52,0000 |  |  |
|  34 | Pret furnizor | Monitor 43" FHD de ex. DHL43-F600 DAHUA ori echivalent | buc | 8,0000 |  |  |
|  35 | Pret furnizor | Work stations de ex. Navigator ori echivalent | buc | 2,0000 |  |  |
|  36 | Pret furnizor | Comutator DH-PFS3024-24GT | buc | 1,0000 |  |  |
|  37 | Pret furnizor | Panou DH-PFM377 | buc | 1,0000 |  |  |
|  38 | Pret furnizor | Cutie DH-PFA130-E | buc | 16,0000 |  |  |
|  39 | Pret furnizor | Express Video Management System Server de ex. DHI-DSS4004-S2 DAHUA ori echivalent | buc | 1,0000 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  USD |  |  |  |
|  |  | **Total Utilaj video****Inclusiv salariu** |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | *Total* |  USD |  |  |  |
|  |  | *Cheltuieli de depozitare* |  % |  |  |  |
|  |  | **Total Utilaj****Inclusiv salariu** |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Intocmit  |  |
|  (funcţia, semnătura, numele, prenumele ) |
| Verificat |  |
|  (funcţia, semnătura, numele, prenumele) |

|  |  |
| --- | --- |
| **Primaria or. Ungheni** | Formular Nr.3 |
| (denumirea obiectivului) | WinCmeta |

**Deviz local de resurse №**

 **Sistemul Supraveghere Video**

|  |
| --- |
| **Valoarea de deviz \_ \_\_\_ \_\_\_,\_\_ USD** |

Intocmit in preţuri curente 19.07.2023

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| № crt. | Simbol norme şi Cod resurse  | Denumire lucrări şi cheltuieli  | U.M.  | Cantitate conform datelor din proiect | Valoarea de deviz, USD |
| Pe unitate de măsură | Total |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Total borderou de resurse № : |  |  |  |  |

 **Manopera:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  1. | 1 | Muncitor | h-om | 2 818,5810 |  |  |
|  |  | **Total manopera** |  |  |  |  |

 **Materiale:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  1. | 1010089 | Suruburi cu cap hexagonal, diametrul filetului 8 mm | t | 0,0001 |  |  |
|  2. | 1010115 | Suruburi cu cap semirotunt, lungime 50 mm | t | 0,0131 |  |  |
|  3. | 1010120 | Piulite hexagonale, diametrul filetului 6 mm | t | 0,1280 |  |  |
|  4. | 1010121 | Piulite hexagonale, diametrul filetului 8 mm | t | 0,0000 |  |  |
|  5. | 1010389 | Vopsele de ulei, pamintii "МА-0115": ocru | t | 0,1280 |  |  |
|  6. | 1010813 | Sirma din otel cu carbon redus pentru diferite destinatii, zincata, diametru 3,0 mm | t | 0,0180 |  |  |
|  7. | 1010816 | Sirma culoare deschisa, diametrul 1,1 mm | t | 0,0044 |  |  |
|  8. | 1011032 | Profiluri in dublu T cu fetele politelor paralele normale "Б" otel, marca "Ст0", N 14 | t | 2,8000 |  |  |
|  9. | 1011484 | Suruburi, cap semirotund 8x100 mm | t | 0,0000 |  |  |
|  10. | 1011521 | Electrozi "Э42", diametru 5 mm  | t | 0,0320 |  |  |
|  11. | 1011665 | Lac electro-izolator "318" | kg | 64,5200 |  |  |
|  12. | 1011703 | Garnituri din cauciuc (placa tehnica presata) | kg | 48,0000 |  |  |
|  13. | 1011714 | Suruburi de constructie cu piulite si saibe | t | 0,7200 |  |  |
|  14. | 1011755 | Otel fisie calmat, marca "Ст3сп", latime 50-200 mm, grosime 4-5 mm | t | 0,3090 |  |  |
|  15. | 1011764 | Talc maruntit cat. I | t | 0,0035 |  |  |
|  16. | 1011825 | Ulei de in natural | kg | 48,0000 |  |  |
|  17. | 1011924 | Electrozi Э42А, diametru 4 mm  | kg | 6,3000 |  |  |
|  18. | 1012043 | Saibe zincate, diametrul 10 mm | kg | 0,0020 |  |  |
|  19. | 1012073 | Ate aspre | kg | 16,5200 |  |  |
|  20. | 1012206 | Dibluri din masa plastica, suruburi 12х70 mm | 10 buc | 1,2000 |  |  |
|  21. | 1019100 | Cartus pentru impuscat | 10 buc | 130,8000 |  |  |
|  22. | 1019109 | Dibluri pentru conexiune | 10 buc | 130,8000 |  |  |
|  23. | 1019502 | Panglica de chiper | 10 m | 5,4000 |  |  |
|  24. | 1019852 | Vopsea | kg | 0,1620 |  |  |
|  25. | 1020008 | Materiale lemnoase din esente rasinoase pentru constructie, lungime 3-6,5 m, diametrul 12-24 cm | m3 | 1,8000 |  |  |
|  26. | 1039160 | Mansoane de cuplare | buc | 60,0000 |  |  |
|  27. | 1110109 | Fise de marcare din masa plastica | 100 buc | 163,1200 |  |  |
|  28. | 1130211 | Email "ЭП-140" de protectie | kg | 1,5600 |  |  |
|  29. | 4110041 | Energie electrica | kw-h | 3,1200 |  |  |
|  30. | 5 | Masa utilajului | t | 38,4590 |  |  |
|  31. | 5009031 | Scoabe | 10 buc | 150,0000 |  |  |
|  32. | 5009041 | Dispozitiv de stringere - ramificare | 100 buc | 2,5110 |  |  |
|  33. | 5009056 | Capace de izolatie | 10 buc | 6,4800 |  |  |
|  34. | 5009061 | Fisa de izolatie | buc | 158,8200 |  |  |
|  35. | 5009062 | Papuci de cablu | buc | 14 400,0000 |  |  |
|  36. | 5009070 | Racordari | 10 buc | 6,0000 |  |  |
|  37. | 5009081 | Punti de conexiune flexibile, tip "ПГС-50" | buc | 30,0000 |  |  |
|  38. | 5009140 | Fise de conexiune | 100 buc | 0,4050 |  |  |
|  39. | 5009264 | Tub din policlorvinil | kg | 48,0000 |  |  |
|  40. | 5009500 | Fise de marcare | 100 buc | 0,1620 |  |  |
|  41. | 5220075 | Aliaje de staniu-plumb fara stibiu, marca "ПОС61" | kg | 0,2700 |  |  |
|  42. | 5220076 | Aliaje de staniu-plumb fara stibiu, marca "ПОС40" | kg | 0,5200 |  |  |
|  43. | 5220077 | Aliaje de lipit din staniu-plumb fara stibiu, marca "ПОС30" | kg | 28,0000 |  |  |
|  44. | 5420055 | Vaselina tehnica | kg | 16,0000 |  |  |
|  45. | 5440021 | Textolit in fisii, marca "А", grosime de la 1,2 pina la 2 mm, inclusiv  | kg | 128,0000 |  |  |
|  46. | 5440089 | Panglica lipicioasa de izolare pe compound de policasina, marca "ЛСЭПЛ", latime 20-30 mm, grosime 0,14 - 0,19 mm, inclusiv | kg | 97,5560 |  |  |
|  47. | 5440150 | Presspan in foi, marca "А" | kg | 98,6000 |  |  |
|  48. | 590-60026 | Dulap de telecomunicatii 19" 42U 600х600 | buc | 1,0000 |  |  |
|  49. | 590-600342 | Conectoare RJ-45  | buc | 200,0000 |  |  |
|  50. | 590-600343 | Elemente de fixare | buc | 60,0000 |  |  |
|  51. | 860-500020 | Furtun metalic ondulat diam. 20 mm | m | 600,0000 |  |  |
|  52. | 940-50024 | Cablu F/FTP cat 5e PE 4x2x0.52 | m | 900,0000 |  |  |
|  53. | 960-450640 | Antena de receptie 5Gz N300 Outdoor Wireless Base Station de ex. DH-PFWB5-90n DAHUA ori echivalent | buc | 4,0000 |  |  |
|  54. | 960-450641 | Antena de receptie 5Gz N300 20dBi Outdoor Wireless Base de ex. CPE DH-PFWB5-10n DAHUA ori echivalent | buc | 36,0000 |  |  |
|  55. | 960-450650 | Camera video 4Mp IP Bulet de ex. IPC-HFW3441EP-SA DAHUA ori echivalent | buc | 16,0000 |  |  |
|  56. | 960-450651 | Camera PTZ IP de ex. SD49425XA-HNR DAHUA ori echivalent | buc | 36,0000 |  |  |
|  57. | 960-450652 | 24 Port Gigabit Switch ( Unmanaged ) de ex. PFS3024-24GT DAHUA ori echivalent | buc | 1,0000 |  |  |
|  58. | 960-450653 | 6-Port Cloud Managed Switch with 4-port PoE de ex. S4100-4ET2ET-60-C DAHUA ori echivalent | buc | 36,0000 |  |  |
|  59. | 960-450654 | PoE Extender de ex. PTF1300 DAHUA ori echivalent | buc | 36,0000 |  |  |
|  60. | 960-450655 | 16-HDD Enterprise Video Storage de ex. EVS5016S-R DAHUA ori echivalent | buc | 1,0000 |  |  |
|  61. | 960-450656 | Seagate SkyHawk HDD 4TB 3.5", 256Mb, SATA III ST4000VX005  | buc | 16,0000 |  |  |
|  62. | 960-450657 | Micro SD de ex. DAHUA DHI-TF-C100/256GB ori echivalent | buc | 52,0000 |  |  |
|  63. | 960-450658 | Monitor 43" FHD de ex. DHL43-F600 DAHUA ori echivalent | buc | 8,0000 |  |  |
|  64. | 960-450659 | Work stations Navigator  | buc | 2,0000 |  |  |
|  65. | 960-450660 | Comutator DH-PFS3024-24GT | buc | 1,0000 |  |  |
|  66. | 960-450661 | Panou DH-PFM377 | buc | 1,0000 |  |  |
|  67. | 960-450662 | Cutie DH-PFA130-E | buc | 16,0000 |  |  |
|  68. | 960-450663 | Express Video Management System Server de ex. DHI-DSS4004-S2 DAHUA ori echivalent | buc | 1,0000 |  |  |
|  |  | **Total materiale de construcţii** |  |  |  |  |

 **Utilaje de construcţii:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  1. | 021102 | Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t | h-ut | 1,4010 |  |  |
|  2. | 030101 | Autoincarcatoare, 5 t | h-ut | 65,6800 |  |  |
|  3. | 040502 | Instalatii pentru sudare manuala cu arc electric (de curent continuu) | h-ut | 107,4000 |  |  |
|  4. | 331451 | Perforatoare electrice | h-ut | 26,6400 |  |  |
|  5. | 400001 | Autocamion de bord, tonaj pina la 5 t | h-ut | 0,4000 |  |  |
|  6. | 400002 | Automobile cu bord, tonaj pina la 8 t | h-ut | 1,4410 |  |  |
|  |  | **Total utilaje de construcţii** |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  | Total |  USD |  |  |  |
|  |  |  |  |  |  |
|  | **Total deviz:** |  |  |  |  |

|  |  |
| --- | --- |
| Intocmit  |  |
|  (funcţia, semnătura, numele, prenumele) |
| Verificat |  |
|  (funcţia, semnătura, numele, prenumele) |

Formular Nr.5

WinCmeta

|  |  |
| --- | --- |
| **Obiect Primaria or. Ungheni** | **Investitor**  |

**Catalog de preţuri unitare pentru obiectul**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| №crt. | Simbol norme şi Cod resurse | Denumire lucrări, cheltuieli şi resurse | U.M. | Consum de resurse pe unitate de măsură | Valoare, USD |
| Pe unitate de măsură | Total—————incl. salariu |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Lucrari de montare** |  |  |  |  |
|  |  | **1.1. Utilaj de retea** |  |  |  |  |
| 1 | 10-04-001-02 apl | Emitator telegrafic-telefonic pe unde scurte neautomatizat, capacitate, kW: 1 ( Antena de receptie 5Gz N300 Outdoor Wireless Base Station DH-PFWB5-90n ) ori echivalent | set |  |  |  |
|  | 1 | Muncitor | h-om | 32,7000 |  |  |
|  | 1010120 | Piulite hexagonale, diametrul filetului 6 mm | t | 0,0032 |  |  |
|  | 1010389 | Vopsele de ulei, pamintii "МА-0115": ocru | t | 0,0032 |  |  |
|  | 1010816 | Sirma culoare deschisa, diametrul 1,1 mm | t | 0,00011 |  |  |
|  | 1011032 | Profiluri in dublu T cu fetele politelor paralele normale "Б" otel, marca "Ст0", N 14 | t | 0,0700 |  |  |
|  | 1011521 | Electrozi "Э42", diametru 5 mm  | t | 0,0008 |  |  |
|  | 1011665 | Lac electro-izolator "318" | kg | 1,6000 |  |  |
|  | 1011703 | Garnituri din cauciuc (placa tehnica presata) | kg | 1,2000 |  |  |
|  | 1011714 | Suruburi de constructie cu piulite si saibe | t | 0,0180 |  |  |
|  | 1011825 | Ulei de in natural | kg | 1,2000 |  |  |
|  | 1012073 | Ate aspre | kg | 0,4000 |  |  |
|  | 1020008 | Materiale lemnoase din esente rasinoase pentru constructie, lungime 3-6,5 m, diametrul 12-24 cm | m3 | 0,0450 |  |  |
|  | 1110109 | Fise de marcare din masa plastica | 100 buc | 4,0000 |  |  |
|  | 5 | Masa utilajului | t | 0,9500 |  |  |
|  | 5009062 | Papuci de cablu | buc | 360,0000 |  |  |
|  | 5009264 | Tub din policlorvinil | kg | 1,2000 |  |  |
|  | 5220077 | Aliaje de lipit din staniu-plumb fara stibiu, marca "ПОС30" | kg | 0,7000 |  |  |
|  | 5420055 | Vaselina tehnica | kg | 0,4000 |  |  |
|  | 5440021 | Textolit in fisii, marca "А", grosime de la 1,2 pina la 2 mm, inclusiv  | kg | 3,2000 |  |  |
|  | 5440089 | Panglica lipicioasa de izolare pe compound de policasina, marca "ЛСЭПЛ", latime 20-30 mm, grosime 0,14 - 0,19 mm, inclusiv | kg | 2,4000 |  |  |
|  | 5440150 | Presspan in foi, marca "А" | kg | 2,4000 |  |  |
|  | 030101 | Autoincarcatoare, 5 t | h-ut | 1,6400 |  |  |
| 2 | 10-04-001-02 apl | Emitator telegrafic-telefonic pe unde scurte neautomatizat, capacitate, kW: 1 ( Antena de receptie 5Gz N300 20dBi Outdoor Wireless Base CPE DH-PFWB5-10n ) ori echivalent | set |  |  |  |
|  | 1 | Muncitor | h-om | 32,7000 |  |  |
|  | 1010120 | Piulite hexagonale, diametrul filetului 6 mm | t | 0,0032 |  |  |
|  | 1010389 | Vopsele de ulei, pamintii "МА-0115": ocru | t | 0,0032 |  |  |
|  | 1010816 | Sirma culoare deschisa, diametrul 1,1 mm | t | 0,00011 |  |  |
|  | 1011032 | Profiluri in dublu T cu fetele politelor paralele normale "Б" otel, marca "Ст0", N 14 | t | 0,0700 |  |  |
|  | 1011521 | Electrozi "Э42", diametru 5 mm  | t | 0,0008 |  |  |
|  | 1011665 | Lac electro-izolator "318" | kg | 1,6000 |  |  |
|  | 1011703 | Garnituri din cauciuc (placa tehnica presata) | kg | 1,2000 |  |  |
|  | 1011714 | Suruburi de constructie cu piulite si saibe | t | 0,0180 |  |  |
|  | 1011825 | Ulei de in natural | kg | 1,2000 |  |  |
|  | 1012073 | Ate aspre | kg | 0,4000 |  |  |
|  | 1020008 | Materiale lemnoase din esente rasinoase pentru constructie, lungime 3-6,5 m, diametrul 12-24 cm | m3 | 0,0450 |  |  |
|  | 1110109 | Fise de marcare din masa plastica | 100 buc | 4,0000 |  |  |
|  | 5 | Masa utilajului | t | 0,9500 |  |  |
|  | 5009062 | Papuci de cablu | buc | 360,0000 |  |  |
|  | 5009264 | Tub din policlorvinil | kg | 1,2000 |  |  |
|  | 5220077 | Aliaje de lipit din staniu-plumb fara stibiu, marca "ПОС30" | kg | 0,7000 |  |  |
|  | 5420055 | Vaselina tehnica | kg | 0,4000 |  |  |
|  | 5440021 | Textolit in fisii, marca "А", grosime de la 1,2 pina la 2 mm, inclusiv  | kg | 3,2000 |  |  |
|  | 5440089 | Panglica lipicioasa de izolare pe compound de policasina, marca "ЛСЭПЛ", latime 20-30 mm, grosime 0,14 - 0,19 mm, inclusiv | kg | 2,4000 |  |  |
|  | 5440150 | Presspan in foi, marca "А" | kg | 2,4000 |  |  |
|  | 030101 | Autoincarcatoare, 5 t | h-ut | 1,6400 |  |  |
|  |  | **1.2. Structuri de cablare, cabluri** |  |  |  |  |
| 3 | 08-02-411-1 | Furtun metalic, diametrul exterior pina la 48 mm | 100 m |  |  |  |
|  | 1 | Muncitor | h-om | 34,7000 |  |  |
|  | 1010115 | Suruburi cu cap semirotunt, lungime 50 mm | t | 0,00218 |  |  |
|  | 1010813 | Sirma din otel cu carbon redus pentru diferite destinatii, zincata, diametru 3,0 mm | t | 0,0030 |  |  |
|  | 1011755 | Otel fisie calmat, marca "Ст3сп", latime 50-200 mm, grosime 4-5 mm | t | 0,0515 |  |  |
|  | 1011924 | Electrozi Э42А, diametru 4 mm  | kg | 1,0500 |  |  |
|  | 1019100 | Cartus pentru impuscat | 10 buc | 21,8000 |  |  |
|  | 1019109 | Dibluri pentru conexiune | 10 buc | 21,8000 |  |  |
|  | 1039160 | Mansoane de cuplare | buc | 10,0000 |  |  |
|  | 5009031 | Scoabe | 10 buc | 25,0000 |  |  |
|  | 5009061 | Fisa de izolatie | buc | 10,0000 |  |  |
|  | 5009070 | Racordari | 10 buc | 1,0000 |  |  |
|  | 5009081 | Punti de conexiune flexibile, tip "ПГС-50" | buc | 5,0000 |  |  |
|  | 021102 | Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t | h-ut | 0,2200 |  |  |
|  | 040502 | Instalatii pentru sudare manuala cu arc electric (de curent continuu) | h-ut | 17,9000 |  |  |
|  | 331451 | Perforatoare electrice | h-ut | 4,4400 |  |  |
|  | 400002 | Automobile cu bord, tonaj pina la 8 t | h-ut | 0,2200 |  |  |
| 4 | Pret furnizor | Furtun metalic ondulat diam. 20 mm | m |  |  |  |
|  | 860-500020 | Furtun metalic ondulat diam. 20 mm | m | 1,0000 |  |  |
| 5 | 08-02-412-1 | Introducerea conductorilor in tevi si furtunuri metalice pozate: primul conductor monofir sau multifir in impletire comuna, sectiune sumara pina la 2,5 mm2 | 100 m |  |  |  |
|  | 1 | Muncitor | h-om | 5,6100 |  |  |
|  | 1011764 | Talc maruntit cat. I | t | 0,00043 |  |  |
|  | 1019852 | Vopsea | kg | 0,0200 |  |  |
|  | 5009041 | Dispozitiv de stringere - ramificare | 100 buc | 0,3100 |  |  |
|  | 5009056 | Capace de izolatie | 10 buc | 0,8000 |  |  |
|  | 5009061 | Fisa de izolatie | buc | 12,2000 |  |  |
|  | 5009140 | Fise de conexiune | 100 buc | 0,0500 |  |  |
|  | 5009500 | Fise de marcare | 100 buc | 0,0200 |  |  |
|  | 5440089 | Panglica lipicioasa de izolare pe compound de policasina, marca "ЛСЭПЛ", latime 20-30 mm, grosime 0,14 - 0,19 mm, inclusiv | kg | 0,1600 |  |  |
|  | 021102 | Macara pe sasiu auto la lucrari de montare a utilajului tehnologic (cu exceptia conductelor principale), 10 t | h-ut | 0,0100 |  |  |
|  | 400002 | Automobile cu bord, tonaj pina la 8 t | h-ut | 0,0100 |  |  |
| 6 | Pret furnizor | Cablu F/FTP cat 5e PE 4x2x0.52 | m |  |  |  |
|  | 940-50024 | Cablu F/FTP cat 5e PE 4x2x0.52 | m | 1,0000 |  |  |
|  |  | **1.3. Materiale** |  |  |  |  |
| 7 | 10-01-051-28 | Fasonare si conectare cabluri si conductori: Cablu "ТСВ", capacitate 5х2 la fasonarea unui cablu: prin lipire | 10 buc |  |  |  |
|  | 1 | Muncitor | h-om | 5,1000 |  |  |
|  | 1019502 | Panglica de chiper | 10 m | 0,3000 |  |  |
|  | 5220075 | Aliaje de staniu-plumb fara stibiu, marca "ПОС61" | kg | 0,0150 |  |  |
| 8 | Pret furnizor | Conectoare RJ-45  | buc |  |  |  |
|  | 590-600342 | Conectoare RJ-45  | buc | 1,0000 |  |  |
| 9 | Pret furnizor | Elemente de fixare | buc |  |  |  |
|  | 590-600343 | Elemente de fixare | buc | 1,0000 |  |  |
|  |  | **1.4. Utilaj video** |  |  |  |  |
| 10 | 10-06-037-01 | Dulapuri, cutii si doze pentru instalatii prin tevi: Dulap de pardosea, marime, mm, pina la: 600х600 ( dulap de telecomunicatii 19" 42U 600х600 ) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 2,0600 |  |  |
|  | 1010089 | Suruburi cu cap hexagonal, diametrul filetului 8 mm | t | 0,00005 |  |  |
|  | 1010121 | Piulite hexagonale, diametrul filetului 8 mm | t | 0,00002 |  |  |
|  | 1012043 | Saibe zincate, diametrul 10 mm | kg | 0,0020 |  |  |
|  | 1130211 | Email "ЭП-140" de protectie | kg | 0,6600 |  |  |
|  | 5 | Masa utilajului | t | 0,0200 |  |  |
|  | 400002 | Automobile cu bord, tonaj pina la 8 t | h-ut | 0,0200 |  |  |
| 11 | 10-04-067-22 | Aparataj de televiziune color: Camera de televiziune de transmisiune ( Camera video 4Mp IP Bulet )  | buc |  |  |  |
|  | 1 | Muncitor | h-om | 21,8000 |  |  |
| 12 | 10-04-067-22 | Aparataj de televiziune color: Camera de televiziune de transmisiune ( Camera PTZ IP )  | buc |  |  |  |
|  | 1 | Muncitor | h-om | 21,8000 |  |  |
| 13 | 11-04-008-01 | Bloc detasabil si flexibil (module, celule, "ТЭЗ"), masa, kg, pina la: 5 ( comutator 24 Port Gigabit Switch ) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 1,0300 |  |  |
|  | 400001 | Autocamion de bord, tonaj pina la 5 t | h-ut | 0,0100 |  |  |
| 14 | 11-04-008-01 | Bloc detasabil si flexibil (module, celule, "ТЭЗ"), masa, kg, pina la: 5 ( 6-Port Cloud Managed Switch with 4-port PoE ) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 1,0300 |  |  |
|  | 400001 | Autocamion de bord, tonaj pina la 5 t | h-ut | 0,0100 |  |  |
| 15 | 11-04-008-03 | Bloc detasabil si flexibil (module, celule, "ТЭЗ"), masa, kg, pina la: 20 ( depozitare 16-HDD Enterprise Video Storage EVS5016S-R ) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 3,0900 |  |  |
|  | 400001 | Autocamion de bord, tonaj pina la 5 t | h-ut | 0,0200 |  |  |
| 16 | 11-04-008-02 | Bloc detasabil si flexibil (module, celule, "ТЭЗ"), masa, kg, pina la: 10 ( Express Video Management System Server DHI-DSS4004-S2 ) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 2,0600 |  |  |
|  | 400001 | Autocamion de bord, tonaj pina la 5 t | h-ut | 0,0100 |  |  |
| 17 | 10-04-066-04 apl | Aparataj de perete: Doze de cablu de conectare sau de ramificare ( PoE Extender PTF1300 ) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 4,0000 |  |  |
|  | 1011665 | Lac electro-izolator "318" | kg | 0,0100 |  |  |
|  | 1012073 | Ate aspre | kg | 0,0100 |  |  |
|  | 1110109 | Fise de marcare din masa plastica | 100 buc | 0,0600 |  |  |
|  | 4110041 | Energie electrica | kw-h | 0,0600 |  |  |
|  | 5 | Masa utilajului | t | 0,0010 |  |  |
|  | 5220076 | Aliaje de staniu-plumb fara stibiu, marca "ПОС40" | kg | 0,0100 |  |  |
|  | 5440089 | Panglica lipicioasa de izolare pe compound de policasina, marca "ЛСЭПЛ", latime 20-30 mm, grosime 0,14 - 0,19 mm, inclusiv | kg | 0,0050 |  |  |
|  | 5440150 | Presspan in foi, marca "А" | kg | 0,0500 |  |  |
| 18 | 10-01-001-10 | Utilaj centrala "АТСКУ": Placheta destinatie diversa, cu pregatire loc de montare ( Seagate SkyHawk HDD 4TB 3.5", 256Mb, SATA III ST4000VX005 ) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 5,6700 |  |  |
| 19 | 10-01-039-06 apl | Piese diverse: Releu, cheie, buton si alt, cu pregatire loc de montare ( Micro SD de ex. DAHUA DHI-TF-C100/256GB ori echivalent) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 2,0000 |  |  |
| 20 | 10-06-037-05 | Dulapuri, cutii si doze pentru instalatii prin tevi: Dulap de perete, marime, mm, pina la: 640х840 ( panou DH-PFM377 )   | buc |  |  |  |
|  | 1 | Muncitor | h-om | 2,0600 |  |  |
|  | 1011484 | Suruburi, cap semirotund 8x100 mm | t | 0,00003 |  |  |
|  | 1012206 | Dibluri din masa plastica, suruburi 12х70 mm | 10 buc | 1,2000 |  |  |
|  | 1130211 | Email "ЭП-140" de protectie | kg | 0,9000 |  |  |
|  | 5 | Masa utilajului | t | 0,0270 |  |  |
|  | 400002 | Automobile cu bord, tonaj pina la 8 t | h-ut | 0,0200 |  |  |
| 21 | 10-04-067-23 apl | Aparataj de televiziune color: Dispozitiv de videocontrol ( Monitor 49”-55" FHD de ex. DHL51-F600 DAHUA ori echivalent ) | buc |  |  |  |
|  | 1 | Muncitor | h-om | 2,1800 |  |  |
|  | 5 | Masa utilajului | t | 0,0450 |  |  |
|  | 030101 | Autoincarcatoare, 5 t | h-ut | 0,0100 |  |  |
| 22 | 10-04-066-04 | Aparataj de perete: Doze de cablu de conectare sau de ramificare ( cutie DH-PFA130-E )  | buc |  |  |  |
|  | 1 | Muncitor | h-om | 4,0000 |  |  |
|  | 1011665 | Lac electro-izolator "318" | kg | 0,0100 |  |  |
|  | 1012073 | Ate aspre | kg | 0,0100 |  |  |
|  | 1110109 | Fise de marcare din masa plastica | 100 buc | 0,0600 |  |  |
|  | 4110041 | Energie electrica | kw-h | 0,0600 |  |  |
|  | 5 | Masa utilajului | t | 0,0010 |  |  |
|  | 5220076 | Aliaje de staniu-plumb fara stibiu, marca "ПОС40" | kg | 0,0100 |  |  |
|  | 5440089 | Panglica lipicioasa de izolare pe compound de policasina, marca "ЛСЭПЛ", latime 20-30 mm, grosime 0,14 - 0,19 mm, inclusiv | kg | 0,0050 |  |  |
|  | 5440150 | Presspan in foi, marca "А" | kg | 0,0500 |  |  |
| **22.1** |  | **Video wall controller** | **buc** |  |  |  |
|  |  | **2. Utilaj** |  |  |  |  |
|  |  | **2.1. Utilaj de retea** |  |  |  |  |
| 23 | Pret furnizor | Antena de receptie 5Gz N300 Outdoor Wireless Base Station DH-PFWB5-90n DAHUA | buc |  |  |  |
|  | 960-450640 | Antena de receptie 5Gz N300 Outdoor Wireless Base Station de ex. DH-PFWB5-90n DAHUA ori echivalent | buc | 1,0000 |  |  |
| 24 | Pret furnizor | Antena de receptie 5Gz N300 20dBi Outdoor Wireless Base de ex. CPE DH-PFWB5-10n DAHUA ori echivalent | buc |  |  |  |
|  | 960-450641 | Antena de receptie 5Gz N300 20dBi Outdoor Wireless Base de ex. CPE DH-PFWB5-10n DAHUA ori echivalent | buc | 1,0000 |  |  |
|  |  | **2.2. Utilaj video** |  |  |  |  |
| 25 | Pret furnizor | Dulap de telecomunicatii 19" 42U 600х600 | buc |  |  |  |
|  | 590-60026 | Dulap de telecomunicatii 19" 42U 600х600 | buc | 1,0000 |  |  |
| 26 | Pret furnizor | Camera video 4Mp IP Bulet de ex. IPC-HFW3441EP-SA DAHUA ori echivalent | buc |  |  |  |
|  | 960-450650 | Camera video 4Mp IP Bulet de ex. IPC-HFW3441EP-SA DAHUA ori echivalent | buc | 1,0000 |  |  |
| 27 | Pret furnizor | Camera PTZ IP de ex. SD49225XA-HNR DAHUA ori echivalent | buc |  |  |  |
|  | 960-450651 | Camera PTZ IP de ex. SD49425XA-HNR DAHUA ori echivalent | buc | 1,0000 |  |  |
| 28 | Pret furnizor | 24 Port Gigabit Switch ( Unmanaged ) de ex. PFS3024-24GT DAHUA ori echivalent | buc |  |  |  |
|  | 960-450652 | 24 Port Gigabit Switch ( Unmanaged ) de ex. PFS3024-24GT DAHUA ori echivalent | buc | 1,0000 |  |  |
| 29 | Pret furnizor | 6-Port Cloud Managed Switch with 4-port PoE de ex. S4100-4ET2ET-60-C DAHUA ori echivalent | buc |  |  |  |
|  | 960-450653 | 6-Port Cloud Managed Switch with 4-port PoE de ex. S4100-4ET2ET-60-C DAHUA ori echivalent | buc | 1,0000 |  |  |
| 30 | Pret furnizor | PoE Extender de ex. PTF1300 DAHUA ori echivalent | buc |  |  |  |
|  | 960-450654 | PoE Extender de ex. PTF1300 DAHUA ori echivalent | buc | 1,0000 |  |  |
| 31 | Pret furnizor | 16-HDD Enterprise Video Storage de ex. EVS5016S-R DAHUA ori echivalent | buc |  |  |  |
|  | 960-450655 | 16-HDD Enterprise Video Storage de ex. EVS5016S-R DAHUA ori echivalent | buc | 1,0000 |  |  |
| 32 | Pret furnizor | Seagate SkyHawk HDD 4TB 3.5", 256Mb, SATA III ST4000VX005 | buc |  |  |  |
|  | 960-450656 | Seagate SkyHawk HDD 4TB 3.5", 256Mb, SATA III ST4000VX005  | buc | 1,0000 |  |  |
| 33 | Pret furnizor | Micro SD de ex. DAHUA DHI-TF-C100/256GB ori echivalent | buc |  |  |  |
|  | 960-450657 | Micro SD de ex. DAHUA DHI-TF-C100/256GB ori echivalent | buc | 1,0000 |  |  |
| 34 | Pret furnizor | Monitor 43" FHD de ex. DHL43-F600 DAHUA ori echivalent | buc |  |  |  |
|  | 960-450658 | Monitor 43" FHD de ex. DHL43-F600 DAHUA ori echivalent | buc | 1,0000 |  |  |
| 35 | Pret furnizor | Work stations de ex. Navigator ori echivalent | buc |  |  |  |
|  | 960-450659 | Work stations de ex. Navigator ori echivalent | buc | 1,0000 |  |  |
| 36 | Pret furnizor | Comutator DH-PFS3024-24GT | buc |  |  |  |
|  | 960-450660 | Comutator DH-PFS3024-24GT | buc | 1,0000 |  |  |
| 37 | Pret furnizor | Panou DH-PFM377 | buc |  |  |  |
|  | 960-450661 | Panou DH-PFM377 | buc | 1,0000 |  |  |
| 38 | Pret furnizor | Cutie DH-PFA130-E | buc |  |  |  |
|  | 960-450662 | Cutie DH-PFA130-E | buc | 1,0000 |  |  |
| 39 | Pret furnizor | Express Video Management System Server de ex. DHI-DSS4004-S2 DAHUA ori echivalent | buc |  |  |  |
|  | 960-450663 | Express Video Management System Server de ex. DHI-DSS4004-S2 DAHUA ori echivalent | buc | 1,0000 |  |  |

 **APROBAT:**

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| **Intocmit** | **Investitor** |
|  |  |
| (funcţia, semnătura, numele, prenumele) (funcţia, semnătura, numele, prenumele) |

L.S. L.S.