|  |  |
| --- | --- |
| **Primaria or. Ungheni** | Formular Nr.7  WinСmeta |
| (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 DAHUA  ori 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.