Bill of materials

|  |  |  |  |
| --- | --- | --- | --- |
| Materials | | | |
| Equipment | No. of units | Price(RON) | Cost(RON) |
| NAS Synology DS218, 2-Bay SATA 3G, 1.4GHz, 2GB RAM, 1x GbE LAN, 1xUSB2.0, 2 x USB3.0 | 1 | 1.548.00/piece | 1.548.00 |
| HDD Seagate IronWolf 12TB SATA3 7200RPM 256MB | 2 | 1.924.00/piece | 3.848.00 |
| Sistem Server Lenovo SR650 Xeon Silver 4110 (8C 2.1GHz 11MB Cache), 16GB RAM, O/B ( 8x2.5" SATA/SAS HS) | 1 | 11.099.00/piece | 11.099.00 |
| Switch rackabil 48 porturi 100MB TP-Link TL-SF1048 | 7 | 800/piece | 5600.00 |
| Netgear Nighthawk X4S AC2600 WiFi Router | 7 | 1.626,97/piece | 11,388.79‬ |
| CISCO1803 Integrated Services Router 1803/K9. Wireless LAN features: OFDM, CCK, QPSK, BPSK, DBPSK, DQPSK, 16QAM, 64QAM, DSSS. DSL features: ADSL. Data transmission: 0.1 Gbit/s. Network: wired. Pro | 2 | 724,36 /piece | 1,448.72 |
| Kit supraveghere video complet cu 4 camere interior 5MP Safer, Dvr DAHUA | 6 | 1.398.92/piece | 8,393.52‬ |
| Camera bullet IP Wireless Hikvision DS-2CD2041G1-IDW1, 4MP, 2.8mm, microfon, slot card, IR 30m, IP66, fara PoE | 2 | 270/piece | 540 |
| Kit 4 camere exterior metal 5 MP, IR 60 metri cu DVR Dahua 4K | 4 | 1.400.95/piece | 5603.8 |
| Cameră wireless de exterior DIGICAM | 2 | 620.00/piece | 1240.00 |
| Cablu UTP Cat6 Rola 500 metri SCHRAC | 1 | 860.00/piece | 860.00 |
| UPS 1500VA cu stabilizator (AVR) CyberPower UT1500E, 4 prize schuko | 1 | 490.00/piece | 490.00 |
| SET 100 BUCATI MUFE CAT. 6 STP | 3 | 92.61/piece | 277.83 |
| Canal cablu PVC cu banda adeziva, 25x16 mm | 500meters | 1.7/meter | 850 |

Total:53187.66 lei

|  |  |  |  |
| --- | --- | --- | --- |
| Logistics | | | |
| Equipment | Quantity | Price(RON) | Cost(RON) |
| Dacia Dokker | 1 | 321.91/day | 6.760,28 |
| TESTER RETEA UTP, STP, USB, GEMBIRD NCT-2 | 5 | 57.2 | 286 |
| Masina de gaurit (bormasina) Bosch Easy Impact 550, 550 W, 3000 RPM, 33.000 percutii/min, 11 Nm | 2 | 304/piece | 608 |
| Cleste sertizare cu auto-reglare pentru pini de capat | 2 | 125/piece | 250 |
| Cutter 18mm TOPEX | 2 | 8.6/piece | 17.2 |
| Cleste patent universal 240mm, tip E | 2 | 45/piece | 90 |
| Bosch - X-Line - Set 15 burghie mixte, 3-8 mm, tija cilindrica, lemn, metal, piatra | 1 | 20/piece | 20 |
| Scara aluminiu pliabila | 1 | 416/piece | 416 |

Total:8447.48 lei

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Human resources | | | | | | | |
| Job | No. of employees | Gross wage(monthly) | CAS  (25%) | Health insurance(10%) | Employment insurance(2.25%) | Net wage(monthly) | Vouchers  (monthly) |
| System engineer | 1 | 7166 | 1752 | 701 | 158 | 4100 | 315 |
| Network engineer | 1 | 6817 | 1667 | 667 | 150 | 3900 | 315 |
| Technician | 2 | 5156 | 1261 | 504 | 113 | 2950 | 315 |
| Accountant | 1 | 4544 | 1111 | 444 | 100 | 2600 | 315 |

Total:30414 lei

Installing costs:

-estimated time for all the work:3 weeks

-employees:1 system engineer, 1 network engineer, 1 accountant, 2 technician

-for the 3 weeks of work the wages will be:

System engineer:5118.57 lei

Network engineer:4869.29 lei

Technician:3682.86 lei\*2=7365.72 lei

Accountant:3245.72 lei

Total: 20,599.3‬ lei(for manual labour)

|  |  |
| --- | --- |
| Equipment | 53187.66 |
| Logistics | 8447.48 |
| Expenses | 3000.00 |
| Manual labour | 20599.3 |
| Profit(20%) | 17046.89 |
| Taxes(16%) | 2727.36 |
| Total cost | 105,007.8 lei |