**LIST OF QUANTITIES OF WORK**

**TO REQUEST THE PRICE OFFER**

**1. Name of the beneficiaries: Mayoralty of Ungheni municipality, IDOMUS COMPANY SRL**

**2. The organizer of the procurement procedure: UNDP Moldova/UE4Moldova Program: Focal Regions**

**3. The object of the procurement:** **Construction of the technological center of innovation and production - IloT Pro Center, Ungheni municipality, Națională street**

|  |  |
| --- | --- |
| **Estimates – offer 2-1-4. Electrical networks** |  |

**Bid currency: USD**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| №  crt. | Standards symbol and resource code | Works and expenses | U.M. | Quantity according to the project data | Estimated value , USD | |
| Per unit of measure  ————  incl. salariu | Total  —————  incl. salariu |

| 1 | | 2 | | 3 | | | 4 | | 5 | | | 6 | | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Construction works** | | |  | |  | | |  | |  |
| 1 | | TsA16B1 | | Manual earth excavation, in limited spaces, in trenches up to 4 m deep, for high-voltage electric cables, in soil with natural moisture without supports, width < 1 m, depth < 1.5 m, middle ground | | | m3 | | 12,000 | | |  | |  |
| 2 | | TsD18B | | The compacted filling in trenches, for the buried cables of high-voltage power lines, made with soil from the middle ground | | | m3 | | 12,000 | | |  | |  |
| 3 | | 34-02-003-1 | | Execution of pipes from polyethylene pipes: up to 2 holes, (PE pipe d=110mm) | | | km | | 0,020 | | |  | |  |
| 4 | | Supplier price | | Sand | | | m3 | | 8,000 | | |  | |  |
|  | |  | |  | | |  |  | | |  | | |  |
|  | |  | | *Total* | | | USD | | |  |  | | |  |
|  | |  | | *Social insurance 24%* | | | USD | | |  |  | | |  |
|  | |  | | *Total* | | | USD | | |  |  | | |  |
|  | |  | | *Shipping costs %* | | | USD | | |  |  | | |  |
|  | |  | | *Total* | | | USD | | |  |  | | |  |
|  | |  | | *Directing expenses %* | | | USD | | |  |  | | |  |
|  | |  | | *Total* | | | USD | | |  |  | | |  |
|  | |  | | *Quote benefit, %* | | | USD | | |  |  | | |  |
|  | |  | | ***Total, Construction works***  ***Including salary*** | | | **USD**  **USD** | | |  |  | | |  |
|  | |  | | 2. Installation work  2.1. Distribution cabinets | | |  | |  | | |  | |  |
|  | |  | |  | | |  | |  | | |  | |  |
| 5 | | 08-03-573-5 | | Suspended control cabinet (desk), height, width and depth, mm, up to 900х600х500, (Box with fuses for sockets, made of plastic ABS 60 mod, IP65) | | | un | | 2,000 | | |  | |  |
| 6 | | 08-03-575-1 | | Device or device dismantled before transport (in ABS) | | | un | | 33,000 | | |  | |  |
| 7 | | 08-01-072-1 | | Junction bars - one strip in phase: copper or aluminum bar (Distribution bar SP022) | | | 100 m | | 0,060 | | |  | |  |
| 8 | | Supplier price | | Dowel KKX 12x160mm | | | un | | 8,000 | | |  | |  |
| 9 | | 08-03-573-5 | | Suspended control cabinet (desk), height, width and depth, mm, up to 900х600х500, (Box with fuses for sockets, ABS plastic 60 mod, IP65) | | | un | | 1,000 | | |  | |  |
| 10 | | 08-03-575-1 | | Device or device dismantled before transport (in ABS) | | | un | | 36,000 | | |  | |  |
| 11 | | 08-01-072-1 | | Junction bars - one strip in phase: copper or aluminum bar (Distribution bar SP022) | | | 100 m | | 0,040 | | |  | |  |
| 12 | | Supplier price | | Dowel KKX 12x160mm | | | un | | 4,000 | | |  | |  |
| 13 | | 08-03-573-5 | | Suspended control cabinet (desk), height, width and depth, mm, up to 900х600х500, (Box with fuses for sockets, made of plastic ABS 60 mod, IP65) | | | un | | 1,000 | | |  | |  |
| 14 | | 08-03-575-1 | | Device or device dismantled before transport (in ABS) | | | un | | 29,000 | | |  | |  |
| 15 | | 08-01-072-1 | | Junction bars - one strip in phase: copper or aluminum bar (Distribution bar SP022) | | | 100 m | | 0,040 | | |  | |  |
| 16 | | Supplier price | | Dowel KKX 12x160mm | | | un | | 4,000 | | |  | |  |
| 17 | | 08-03-573-5 | | Suspended control cabinet, height, width and depth, mm, up to 900х600х500, (Box with fuses for sockets, made of plastic ABS 60 mod, IP65) | | | un | | 1,000 | | |  | |  |
| 18 | | 08-03-575-1 | | Device or device dismantled before transport (in ABS) | | | un | | 36,000 | | |  | |  |
| 19 | | 08-01-072-1 | | Junction bars - one strip in phase: copper or aluminum bar (Distribution bar SP022) | | | 100 m | | 0,040 | | |  | |  |
| 20 | | Supplier price | | Dowel KKX 12x160mm | | | un | | 4,000 | | |  | |  |
| 21 | | 08-03-573-5 | | Suspended control cabinet, height, width and depth, mm, up to 900х600х500, (Box with fuses for sockets, ABS plastic 60 mod, IP65) | | | un | | 1,000 | | |  | |  |
| 22 | | 08-03-575-1 | | Device or device dismantled before transport (in ABS) | | | un | | 14,000 | | |  | |  |
| 23 | | 08-01-072-1 | | Junction bars - one strip in phase: copper or aluminum bar (Distribution bar SP022) | | | 100 m | | 0,040 | | |  | |  |
| 24 | | Supplier price | | Dowel KKX 12x160mm | | | un | | 4,000 | | |  | |  |
| 25 | | 08-03-573-5 | | Suspended control cabinet (desk), height, width and depth, mm, up to 900х600х500, (Box with fuses for sockets, ABS plastic 60 mod, IP65) | | | un | | 1,000 | | |  | |  |
| 26 | | 08-03-575-1 | | Device or device dismantled before transport (in ABS) | | | un | | 20,000 | | |  | |  |
| 27 | | 08-01-072-1 | | Junction bars - one strip in phase: copper or aluminum bar (Distribution bar SP022) | | | 100 m | | 0,040 | | |  | |  |
| 28 | | Supplier price | | Dowel KKX 12x160mm | | | un | | 4,000 | | |  | |  |
|  | |  | | **Total distribution cabinets**  **Including salary** | | | **$**  **$** |  | | |  | | |  |
|  | |  | | **2.2. Cable networks and accessories** | | |  | |  | | |  | |  |
| 29 | | 08-02-142-1 | | Execution of the bed for a single cable in the trench | | | 100 m | | 1,000 | | |  | |  |
| 30 | | Supplier price | | Warning tape CAUTION CABLE | | | m | | 100,000 | | |  | |  |
| 31 | | 08-02-148-1 | | Cable up to 35 kV in pipes, blocks and pictured boxes, mass 1 m up to: 1 kg | | | 100 m | | 133,390 | | |  | |  |
| 32 | | 08-02-147-1 | | Cable up to 35 kV on buildings and installed gutters, with fixing at bends and at the end of the route, mass 1 m of cable, up to: 1 kg | | | 100 m | | 3,550 | | |  | |  |
| 33 | | Supplier price | | Fire-fighting cable with copper conductor NPI-FFC 4x1mm2 | | | m | | 727,000 | | |  | |  |
| 34 | | Supplier price | | Alarm cable NPI-6AFF22 6x0.22mm2 | | | m | | 2 039,000 | | |  | |  |
| 35 | | Supplier price | | Control cable with copper conductors, PVC insulation, Shielded YSLCY-JZ 3x1mm2 | | | m | | 1 022,000 | | |  | |  |
| 36 | | Supplier price | | Cable with copper conductors, triple insulation PVC NYM-J 3G1.5mm2 | | | m | | 2 439,000 | | |  | |  |
| 37 | | Supplier price | | Cable with copper conductors, triple insulation PVC NYM-J 3G2.5mm2 | | | m | | 2 068,000 | | |  | |  |
| 38 | | Supplier price | | Cable with copper conductors, triple insulation PVC NYM-J 5G6mm2 | | | m | | 85,000 | | |  | |  |
| 39 | | Supplier price | | Data cable UC300 24 CAT.5E U/UTP | | | m | | 5 314,000 | | |  | |  |
| 40 | | 08-02-396-6 | | Metal channel on walls and ceilings, length 3 m | | | 100 m | | 3,550 | | |  | |  |
| 41 | | Supplier price | | Perforated galvanized metal gutter 50x50x0.8mm | | | m | | 155,000 | | |  | |  |
| 42 | | Supplier price | | Perforated metal gutter fixing set 50x50x0.8mm | | | set | | 155,000 | | |  | |  |
| 43 | | Supplier price | | Perforated galvanized metal gutter 100x50x0.8mm | | | m | | 120,000 | | |  | |  |
| 44 | | Supplier price | | Perforated metal gutter fixing set 100x50x0.8mm | | | set | | 120,000 | | |  | |  |
| 45 | | Supplier price | | Perforated galvanized metal gutter 200x50x0.8mm | | | m | | 80,000 | | |  | |  |
| 46 | | Supplier price | | Perforated metal gutter fixing set 200x50x0.8mm | | | set | | 80,000 | | |  | |  |
| 47 | | 08-02-409-1 | | Vinylplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 25 mm (к=0.5 salary) | | | 100 m | | 24,500 | | |  | |  |
| 48 | | Supplier price | | Protective pipe, corrugated 750N D=20mm | | | m | | 50,000 | | |  | |  |
| 49 | | Supplier price | | Rigid protection pipe 320N D=16mm | | | m | | 1 600,000 | | |  | |  |
| 50 | | Supplier price | | Rigid protection pipe 320N D=20mm | | | m | | 800,000 | | |  | |  |
| 51 | | Supplier price | | PVC clip for fixing the protection pipe d16mm | | | un | | 1 300,000 | | |  | |  |
| 52 | | Supplier price | | PVC clip for fixing the d20mm protection pipe | | | un | | 900,000 | | |  | |  |
| 53 | | Supplier price | | PVC elbow for joining the protection pipe d16mm | | | un | | 300,000 | | |  | |  |
| 54 | | Supplier price | | PVC elbow for joining the protection pipe d20mm | | | un | | 200,000 | | |  | |  |
| 55 | | Supplier price | | PVC coupler for joining the protection pipe d16mm | | | un | | 150,000 | | |  | |  |
| 56 | | Supplier price | | PVC coupler for joining the protection pipe d20mm | | | un | | 100,000 | | |  | |  |
| 57 | | 08-02-409-2 | | Vinylplast pipe on installed constructions, on walls and columns, fixing with clamps, diameter up to 50 mm (к=0.5 salary) | | | 100 m | | 2,000 | | |  | |  |
| 58 | | Supplier price | | Protective pipe, embossed 750N D=32mm | | | m | | 200,000 | | |  | |  |
| 59 | | 08-02-390-2 | | Channels made of plastic mass with width: up to 63 mm | | | 100 m | | 10,000 | | |  | |  |
| 60 | | Supplier price | | Plastic cable channel 40x60mm | | | m | | 1 000,000 | | |  | |  |
| 61 | | Supplier price | | Distribution box, applied mounting 100x100x50mm, degree of protection IP54 | | | un | | 100,000 | | |  | |  |
| 62 | | Supplier price | | Distribution box, applied mounting 800x80x40mm, degree of protection IP54 | | | un | | 250,000 | | |  | |  |
| 63 | | Supplier price | | Distribution box, applied mounting 800x45x41mm, degree of protection IP54 | | | un | | 100,000 | | |  | |  |
| 64 | | Supplier price | | Dowel, SMK, 6x40mm | | | un | | 5 000,000 | | |  | |  |
|  | |  | | **Total Cable networks and accessories**  **Including salary** | | | $  $ |  | | |  | | |  |
|  | |  | | **2.3. Sockets, switches, lighting fixtures** | | |  | |  | | |  | |  |
| 65 | | 08-03-591-8 | | Non-buried plug socket, for open installation | | | 100 un | | 3,420 | | |  | |  |
| 66 | | Supplier price | | Socket with earthing, applied mounting 2P+E, degree of protection IP44 | | | un | | 252,000 | | |  | |  |
| 67 | | Supplier price | | Data socket, applied mounting CAT 5E | | | un | | 90,000 | | |  | |  |
| 68 | | 08-03-591-1 | | Switch with a flap, non-buried type, for open installation | | | 100 un | | 0,410 | | |  | |  |
| 69 | | Supplier price | | Switch with 1 flap 1P, IP54 | | | un | | 41,000 | | |  | |  |
| 70 | | 08-03-591-4 | | Switch with two flaps, non-buried type, for open installation | | | 100 un | | 0,330 | | |  | |  |
| 71 | | Supplier price | | Switch with 2 flaps 2P, IP54 | | | un | | 33,000 | | |  | |  |
| 72 | | 08-03-594-10 | | Lighting fixture with luminescent lamps in suspended ceilings, mounted on suspensions, quantity of lamps, in lighting fixture | | | 100 un | | 1,890 | | |  | |  |
| 73 | | Supplier price | | Linear led ultrabright, black T15 72w 4000k 2400mm | | | un | | 151,000 | | |  | |  |
| 74 | | Supplier price | | Linear led ultrabright, black T15 36w 4000k 1200mm | | | un | | 22,000 | | |  | |  |
| 75 | | Supplier price | | Linear led ultrabright, black T15 18w 4000k 600mm | | | un | | 16,000 | | |  | |  |
| 76 | | Supplier price | | Cable for hanging linear led, black T20/T15 1.5m | | | un | | 378,000 | | |  | |  |
| 77 | | 08-03-593-10 | | Wall light indicators | | | 100 un | | 0,300 | | |  | |  |
| 78 | | Supplier price | | Battery failure indicator, suspended EXIT/EXIT | | | un | | 30,000 | | |  | |  |
| 79 | | Supplier price | | WAGO 2P connection clamp | | | un | | 1 320,000 | | |  | |  |
|  | |  | | **Total Sockets, switches, lighting fixtures**  **Including salary** | | | $  $ |  | | |  | | |  |
|  | |  | |  | | |  |  | | |  | | |  |
|  | |  | | *Social insurance 24%* | | | $ | | |  |  | | |  |
|  | |  | | *Total* | | | $ | | |  |  | | |  |
|  | |  | | *Shipping costs %* | | | $ | | |  |  | | |  |
|  | |  | | *Total* | | | $ | | |  |  | | |  |
|  | |  | | *Directing expenses % din salariu* | | | $ | | |  |  | | |  |
|  | |  | | *Total* | | | $ | | |  |  | | |  |
|  | |  | | *Quote benefit %* | | | $ | | |  |  | | |  |
|  | |  | | **Total Installation works**  **Including salary** | | | $  $ |  | | |  | | |  |
|  | |  | | **3. Value of the equipment** | | |  | |  | | |  | |  |
| 80 | | Supplier price | | Box with fuses for sockets, made of plastic ABS 60 mod, IP65 | | | un | | 7,000 | | |  | |  |
| 81 | | Supplier price | | Distribution cabinet kit 4x15 mod | | | un | | 7,000 | | |  | |  |
| 82 | | Supplier price | | Load separator, modular IS 3P/63A | | | un | | 7,000 | | |  | |  |
| 83 | | Supplier price | | Differential automatic switch, single-phase HSL7 2P/C16A 30mA | | | un | | 69,000 | | |  | |  |
| 84 | | Supplier price | | Differential automatic switch, three-phase HSL7 3P+N/C25A 30mA | | | un | | 3,000 | | |  | |  |
| 85 | | Supplier price | | Automatic circuit breaker, single-phase MCCB C101L/C16A | | | un | | 89,000 | | |  | |  |
| 86 | | Supplier price | | Distribution bar SP022 | | | un | | 26,000 | | |  | |  |
|  | |  | |  | | |  |  | | |  | | |  |
|  | |  | | *Total* | | | $ | | |  |  | | |  |
|  | |  | | *Semi-finished products and storage costs, %* | | | $ | | |  |  | | |  |
|  | |  | | *Total* | | | $ | | |  |  | | |  |
|  | |  | | **Total Value of the machine**  **Including salary** | | | $  $ |  | | |  | | |  |
|  |  | |  | | |  | |  | | |  | |  | |
|  |  | |  | | |  | |  | | |  | |  | |
|  | |  | | Construction works | | | $ | | |  |  | | |  |
|  | |  | | Installation work | | | $ | | |  |  | | |  |
|  | |  | | Equipment value | | | $ | | |  |  | | |  |
|  | |  | | **Total estimate:**  **Including salary** | $  $ | | |  | | |  | |  | |

|  |  |
| --- | --- |
| Drafted | Currency processor |
| (funcţia, semnătura, numele, prenumele ) | |
| Ofertant |  |
| (funcţia, semnătura, numele, prenumele) | |