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| **Upgrade of physical security and access control of the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center** | Form No.1  WinСmeta |
| (name of the object) |  |

**Bill of Quantities No. 2-1-1**

**Architectural/Design Solutions**

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| No | Symbol norms and Code of resources | Name of the works and expenditures | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per unit of measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | | 2 | | 3 | | 4 | | 5 | | | 6 | | 7 |
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|  | |  | | **1. Demolishing Works** | |  | |  | | |  | |  |
| 1 | | RpCG29C | | Demolishing of the brick stone walls (full/filled-up bricks), BCA, ceramic blocks or made from light concrete, bricks GVP, exclusively scaffold and cleaning of the bricks | | m3 | | 13,9300 | | |  | |  |
| 2 | | RpCO56A | | Dismounting: wooden carpentry (doors) | | m2 | | 22,5000 | | |  | |  |
| 3 | | RpCO56A | | Dismounting: PVC carpentry (windows) | | m2 | | 28,5500 | | |  | |  |
| 4 | | RpCP45A | | Dismounting of concrete or cement plaster floors | | kg | | 603,1500 | | |  | |  |
| 5 | | TsH92A | | Loading of construction waste into lorries | | t | | 27,8600 | | |  | |  |
| 6 | | TsI50A5 | | Transportation of soil by means of Tip lorry - 5t at a distance of 5 km | | t | | 27,8600 | | |  | |  |
|  | |  | | **2. Closures and Subdivision/Compartment Works** | |  | |  | | |  | |  |
| 7 | | CD66С | | Bricks Laying, format 250 x 120 x 65 mm, at separating reinforced walls - thickness = 1/2 brick, together with manual preparation of the cement plaster/mix M-50, height of the floor up to 4 m | | 100m2 | | 0,1330 | | |  | |  |
| 8 | | CD65G | | Brick laying, format 250 x 120 x 65 mm at/on interior walls, together with manual preparation of the cement plaster M-50, height of the floor up to 4 m | | m3 | | 13,9800 | | |  | |  |
|  | |  | | **3. Interior Finishing** | |  | |  | | |  | |  |
|  | |  | | **3.1. Bottom Boards** | |  | |  | | |  | |  |
|  | |  | | **3.1.1. Bottom Boards type I - 683,53 m2** | |  | |  | | |  | |  |
| 9 | | CN54A | | Manual applying of the quartz priming coat in one single layer, at interior walls and ceilings | | m2 | | 683,5300 | | |  | |  |
| 10 | | CG51A | | Epoxide poured bottom boards. Sistema "Armorex", industrial covering in 2 layers, thickness of the layer = 0,5-0,7 mm on the existing support, hardening layer applied by means of polishing | | m2 | | 683,5300 | | |  | |  |
|  | |  | | **3.1.2. Bottom Boards type II - 31,95 m2** | |  | |  | | |  | |  |
| 11 | | CC03C | | Mounting of welded grids Bp1 5x150x150 at heights less than or equal to 35 m, at plates (gr. 2,13 kg/m2) | | kg | | 68,0600 | | |  | |  |
| 12 | | CA02C | | Simple concrete poured in equal shapes, blankets, declines at heights up to 35 m including, concrete of trade-mark B15, poured by classical means gr.50mm | | m3 | | 1,6000 | | |  | |  |
| 13 | | CE17A | | Polymeric supplementary layer type ondutiss / anti condensation Barrier of 2mm | | m2 | | 31,9500 | | |  | |  |
| 14 | | IzF53A | | Manual execution of the floor support by means of thermic insulation layer made from foam polystyrene plates, thickness = 50mm, in a single layer | | m2 | | 31,9500 | | |  | |  |
| 15 | | CG01A | | Supporting Layer for bottom-boards made from cement plaster M 150-T of 3cm thickness with the surface fine-smoothed | | m2 | | 31,9500 | | |  | |  |
| 16 | | CG01A1 | | Supporting Layer for bottom-boards made from cement plaster M 150-T of 3cm thickness with the surface fine-smoothed. Difference in plus or in minus for each 0,5cm of supporting layer from the cement plaster M 150-T, K=1 is added, total thickness = 35mm | | m2 | | 31,9500 | | |  | |  |
| 17 | | CG49A | | Execution of the homogeny vinyl covering which is durable RAL 9007, for the bottom boards | | m2 | | 31,9500 | | |  | |  |
|  | |  | | **3.1.3. Bottom Boards type III - 11,91 m2** | |  | |  | | |  | |  |
| 18 | | CE17A | | Polymeric supplementary layer type ondutiss / anti condensation Barrier of 2mm | | m2 | | 11,9100 | | |  | |  |
| 19 | | IzF53A | | Manual execution of the floor support by means of thermic insulation layer made from foam polystyrene plates, thickness = 50mm, in a single layer | | m2 | | 11,9100 | | |  | |  |
| 20 | | CC03C | | Mounting/fixing of welded grids Bp1 5x150x150 at heights less than or equal to 35 m, on plates (gr. 2,13 kg/m2) | | kg | | 25,3700 | | |  | |  |
| 21 | | CA02C | | Simple Concrete poured in equal layers, bents at height up to 35 m including, concrete B15, pouring operations by classic means gr.50mm | | m3 | | 0,6000 | | |  | |  |
| 22 | | IzF04B | | Waterproof insulating Layer executed in warm conditions for terraces, roofs or foundations works, on terrains without ground water, including moldings from the current hydro insolation on horizontal surfaces up to 40% straight or curved, with bituminous cardboard, glued on the whole surface with bituminous mastic (k=2) | | m2 | | 11,9100 | | |  | |  |
| 23 | | CG01A | | Supporting Layer for bottom-boards made from cement plaster M 150-T of 3cm thickness with the surface fine-smoothed | | m2 | | 11,9100 | | |  | |  |
| 24 | | CG01A1 | | Supporting Layer for bottom-boards made from cement plaster M 150-T of 3cm thickness with the surface fine-smoothed. Difference in plus or in minus for each 0,5cm of supporting layer from the cement plaster M 150-T, K=2 is added, total thickness = 20mm | | m2 | | -11,9100 | | |  | |  |
| 25 | | CG17D | | Bottom-boards made from porcelain floor-tiles including supporting layer made of adhesive cement plaster, executed on surfaces: more than 16 m2 | | m2 | | 11,9100 | | |  | |  |
|  | |  | | **3.2. Walls** | |  | |  | | |  | |  |
| 26 | | CN54A | | Manual Applying of Quartz Priming-ground with a deep in-going in a layer, at interior walls and ceilings | | m2 | | 1 276,5700 | | |  | |  |
| 27 | | CF50A | | Interior plastering of 3mm thickness, manually executed, by means of Gypsum dry mix, at/on walls and separating walls, mechanical preparation of the cement plaster. | | m2 | | 1 222,8300 | | |  | |  |
| 28 | | CF51A | | Interior plastering of 3mm thickness, manually executed, by means of Gypsum dry mix, at/on walls and separating walls, mechanical preparation of the cement plaster. Difference in plus or in minis for each 1,0mm (it is subtracted at art. CF50) K=2 | | m2 | | -1 222,8300 | | |  | |  |
| 29 | | CF17C | | Diverse works – fiber glass layer of 80 gr./m2 applied on surface of prefabricated elements from b.c.a. glued with aracet, including shock absorbing layer | | m2 | | 1 222,8300 | | |  | |  |
| 30 | | CF57A | | Manual applying of gypsum plaster of 1,0mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 1 222,8300 | | |  | |  |
| 31 | | CF56A | | Manual applying of the plaster for interior/inside works of 0,5mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 1 222,8300 | | |  | |  |
| 32 | | CN53A | | Priming works of interior surfaces of walls and ceilings | | m2 | | 1 222,8300 | | |  | |  |
| 33 | | CN06A | | Interior Paintings by means of acrylic-polymeric emulsion of high endurance, applied in 2 layers on existing plaster, executed manually RAL 9002 | | m2 | | 1 222,8300 | | |  | |  |
| 34 | | CF05A | | Interior plastering of 4 cm thickness, executed on wire nettings Bp 3x100x100, smoothed, by means of cement-sand plaster M 50-T, priming coat and visible layer, executed manually on straight/flat surfaces, including iron bars and the netting mounting, applied on walls | | m2 | | 53,7400 | | |  | |  |
| 35 | | CF02B5 | | Interior plastering of 4 cm thickness, smoothed, executed manually, on walls or columns, on flat surfaces with cement-sand mixture of plaster M 50-T-trade mark, priming coat and visible layer, on brick laying or on small concrete blocks, the difference in plus or in minus for each 0,5 cm thickness K=2 | | m2 | | 53,7400 | | |  | |  |
| 36 | | CN54A | | Manual Applying of Quartz Priming-ground with a deep in-going in a layer, at interior walls and ceilings | | m2 | | 53,7400 | | |  | |  |
| 37 | | CI06C4 | | Wall tiles laying with enameled, non-enameled, mat or bright faience using the same color, shape and dimensions from 15 x 15 cm up to 30 x 30 cm, executed on flat surfaces on walls and columns, including the floor plinths and edgings, in rooms with a surface less than 10 m2 (inclusive), fixed by means of adhesive substance for the wall-tiles fixing | | m2 | | 53,7400 | | |  | |  |
|  | |  | | **3.3. Ceilings** | |  | |  | | |  | |  |
| 38 | | CN54A | | Manual applying of quartz priming layer in one single layer, at/on interior walls and ceilings | | m2 | | 727,3900 | | |  | |  |
| 39 | | CF52A | | Interior plastering of 10mm thickness, manually executed, by means of gypsum dry mix, at/on ceiling, mechanical preparation of the cement plaster k=2 | | m2 | | 727,3900 | | |  | |  |
| 40 | | CF17C | | Diverse works – fiber glass coating layer of 80 gr./m2 applied on surface of prefabricated elements from b.c.a. glued with aracet, including shock absorbing layer | | m2 | | 727,3900 | | |  | |  |
| 41 | | CF57A | | Manual applying of gypsum plaster of 1,0mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 727,3900 | | |  | |  |
| 42 | | CF56A | | Manual applying of plaster of 0,5mm thickness for interior works on the surfaces of walls, columns and ceilings | | m2 | | 727,3900 | | |  | |  |
| 43 | | CN53A | | Priming works on interior surfaces of walls and ceilings | | m2 | | 727,3900 | | |  | |  |
| 44 | | CN06A | | Interior Paintings by means of acrylic-polymeric paint in water-based emulsion, applied in 2 layers on existing plaster, executed manually RAL 9010 | | m2 | | 727,3900 | | |  | |  |
|  | |  | | **4. Exterior finishing works** | |  | |  | | |  | |  |
|  | |  | | **4.1. Front of house** | |  | |  | | |  | |  |
| 45 | | RpCJ12A | | Exterior plastering, executed by means of cement plaster M 100-T of 2 cm medium thickness, applied on concrete and brick walls, with flat surfaces | | m2 | | 69,5000 | | |  | |  |
| 46 | | CN54B | | Manual applying of quartz priming coat in one layer, on exterior walls and front of the house/facades | | m2 | | 69,5000 | | |  | |  |
| 47 | | CN55A | | Decorative manual finishing works (Water-proof structured paint) on interior and exterior surfaces, in a single layer on/above the priming coat RAL 7010 | | m2 | | 69,5000 | | |  | |  |
|  | |  | |  | |  |  | | |  | | |  |
|  | |  | | **4.2. Pedestal/basement** | |  | |  | | |  | |  |
| 48 | | RpCJ12A | | Exterior plastering, executed by means of cement plaster M 100-T of 2 cm medium thickness, applied on concrete and brick walls, with flat surfaces | | m2 | | 63,0000 | | |  | |  |
| 49 | | CN54B | | Manual applying of quartz priming coat in one layer, on exterior walls and front of the house/facades | | m2 | | 63,0000 | | |  | |  |
| 50 | | CN55A | | Decorative manual finishing works (Water-proof structured paint) on interior and exterior surfaces, in a single layer on/above the priming coat RAL 7010 | | m2 | | 63,0000 | | |  | |  |
|  | |  | | **5. Carpenter Works** | |  | |  | | |  | |  |
|  | |  | | **5.1. Windows** | |  | |  | | |  | |  |
| 51 | | CK57F | | PVC windows installing: (pliant, swing-out) with the surface of the empty space over 2 m2 F1 1740x2090(h) – 7 pieces | | m2 | | 25,4800 | | |  | |  |
| 52 | | CK26B | | Window sills mounted on aluminum windows | | m | | 12,1800 | | |  | |  |
| 53 | | CK26C | | Window sills and door cases fixed on plastic doors and windows | | m | | 12,1800 | | |  | |  |
|  | |  | |  | |  |  | | |  | | |  |
|  | |  | | **5.2. Metallic Grids** | |  | |  | | |  | |  |
| 54 | | CL19D | | Fabricated metallic grids: made from profiled iron | | kg | | 3 119,4700 | | |  | |  |
| 55 | | IzD10C | | Anticorrosive Painting (manual way, by means of a brush) of metallic constructions with an anticorrosive priming layer ГФ-21 and two layers of enamel ПФ-115 | | t | | 3,1190 | | |  | |  |
|  | |  | |  | |  |  | | |  | | |  |
|  | |  | | **5.3. Doors (to consult the project before presenting the offer)** | |  | |  | | |  | |  |
| 56 | | CK12A | | Metallic doors made from profiled laminated iron, profiles from iron tape and profiled in cold conditions, including the necessary accessories and reinforcement grids for doors mounted in the brickwork of any nature / Exterior metallic door Ur-1 1600x3550(h) – 1piece; Ur-2 1800x3550(h) – 2pieces. (special requirements towards construction of the door) | | m2 | | 18,4600 | | |  | |  |
| 57 | | CK12D | | Metallic doors made from profiled laminated iron, profiles from iron tape and profiled in cold conditions, including the necessary accessories and reinforcement grids for doors mounted in the brickwork of any nature at constructions with the height up to 35 m inclusive, with the surface of the casement up to 7 m2 inclusive / Interior metallic door Ur-3 1800x2280(h) – 2pieces; Ur-5 1500x2350(h) – 2pieces | | m2 | | 15,2600 | | |  | |  |
| 58 | | CK12A | | Metallic doors made from profiled laminated iron, profiles from iron tape and profiled in cold conditions, including the necessary accessories and reinforcement grids for doors mounted in the brickwork of any nature at constructions with the height up to 35 m inclusive, with the surface of the casement up to 7 m2 inclusive / Interior metallic door Ur-4 900x2100(h) - 5pieces | | m2 | | 9,4500 | | |  | |  |
| 59 | | CK03A | | Interior wooden doors, on plating, including waterproof and thermic isolation of the casement, mounted on constructions with a height up to 35 m / Interior wooden door U4 830x2100(h) – 2pieces; U6 700x2000(h) – 3pieces; Ur4 900x2100(h) – 1piece | | m2 | | 9,5800 | | |  | |  |
|  | |  | | **6. The Ramp - 115,06m2** | |  | |  | | |  | |  |
| 60 | | CC03C | | Mounting of welded grids Bp1 4x100x100 at lower heights or equal to 35 m, at plates (gr. 1,1 kg/m2) | | kg | | 126,5700 | | |  | |  |
| 61 | | CG22A2 | | Bottom boards made from simple concrete class C 10/8 (Bc 10/B 150) thickness of 10 cm, in direct field, smoothed, poured in/on place, in rooms/spaces with a surface more than 16 m2 | | m2 | | 115,0600 | | |  | |  |
| 62 | | CG22A4 | | Bottom boards made from simple concrete class C 10/8 (Bc 10/B 150) thickness of 10 cm, in direct field, smoothed, poured in/on place, in rooms/spaces with a surface more than 16 m2, difference in minus at each cm of concrete, in the case of concrete using on the construction field/plant, it is subtracted K=5, total thickness 50mm | | m2 | | -115,0600 | | |  | |  |
| 63 | |  | | Installation of temporary site board made from steel profiles and galvanized steel plate, anchored and secured from turning over for the Mesager storage location. The dimensions and data in line with local construction legislation and rulebooks. Donor logos will be submitted by UNDP SEESAC in due time. | | piece | | 1,000 | | |  | |  |
| 64 | |  | | Installation of permanent metal board. The board dimensions are min. 1x1.4m, made from steel profiles and galvanized steel plate or brass, anchored and secured from turning over and shall be installed on the place specified by the Employer. The text and layout (logos in color) will be subsequently submitted by UNDP SEESAC | | piece | | 1,000 | | |  | |  |
|  |  | |  | |  | |  | | |  | |  | |
|  |  | |  | |  | |  | | |  | |  | |
|  | |  | | Total | | MDL | | |  |  | | |  |
|  | |  | | Social and Medical Insurance | | 22,5 % | | |  |  | | |  |
|  | |  | | Transportation of construction materials | | % | | |  |  | | |  |
|  | |  | | Procurement and storage Expenditures | | % | | |  |  | | |  |
|  | |  | | Total | |  | | |  |  | | |  |
|  | |  | | Management Expenses | | % | | |  |  | | |  |
|  | |  | | Total | |  | | |  |  | | |  |
|  | |  | | Estimative Cost Benefit | | % | | |  |  | | |  |
|  | |  | | Total | |  | | |  |  | | |  |

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| **Upgrade of physical security and access control for the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center** | Form Nr.1  WinСmeta |
| (site title) |  |

**Bill of Quantities № 2-1-2**

**Reinforced concrete constructions**

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| --- | --- | --- | --- | --- | --- | --- |
| #. | Normative symbols & Resource Code | Works and expenditures | U.M. | Quantity as per project data | Value, MDL | |
| Per unit  ————  incl. salary | Total  —————  incl. salary |

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Masonry and reinforcement with 4,000 share** | |  | |  | |  | |  |
| 1 | | CD05C1 | | BCA 600 x 200 blocks, 20 cm thick, reinforced, with cement-sand mortar M 50-Z, prepared with site mixer, using reinforcements PC 52, with diameter of 12 mm, 2 bars over 600mm in height, consumption 12.92 kg / m3 | | m3 | | 50,38 | |  | |  |
| 2 | | RpCU05I | | Execution of straps for strut pipes with tie rods in stone walls or reinforced concrete of 26 - 50 cm | | piece | | 124,00 | |  | |  |
| 3 | | RpCU07B | | Matting the gaps in the walls, with tiles (terracotta) glue, after instillation or reinforcement works | | piece | | 124,00 | |  | |  |
| 4 | | CB02C | | Formwork made of reusable panels, with short-spindle asphalt boards and substructures for casting of concrete in slabs and beams, exclusive support at heights up to 20 m inclusively | | m2 | | 202,00 | |  | |  |
| 5 | | CC02K | | Concrete steel OB 37 reinforcements in site workshops with bar diameter up and/or equal to 8 mm and mounted in beams and pillars at heights of 35 m or less, excluding sliding formwork | | kg | | 562,84 | |  | |  |
| 6 | | CC02L2 | | Reinforced concrete PC 58, shaped on site workshops, with a diameter of more than 8 mm and mounted in beams and pillars, at or less than 35 m in height, excluding sliding formwork | | kg | | 1 884,00 | |  | |  |
| 7 | | CK35B | | Metal dowels fixed in reinforced concrete walls / Brace ф12 AI L=650 | | piece | | 124,00 | |  | |  |
| 8 | | CA04B3 | | Concrete casting in slabs, beams, pillars, concrete preparation on site and casting with classical reinforced concrete class C 15/12 (Bc 15 / B 200) at heights up to 35 m inclusive | | m3 | | 20,00 | |  | |  |
|  | |  | | **2. Reinforcement of wall gaps (apertures) Рм1 - 3 units** | |  | |  | |  | |  |
| 9 | | RpCU06A | | Execution of trenches up to 5 cm deep, in walls of brick masonry of 5 x 50 cm2 | | m | | 10,20 | |  | |  |
| 10 | | RpCU05G | | Execution of drill holes for brickwork walls in brick masonry walls 26 to 50 cm thick | | piece | | 12,00 | |  | |  |
| 11 | | CK35A | | Metal dowels fixed in brick walls / Bolt М16х350 | | piece | | 12,00 | |  | |  |
| 12 | | CL18A | | Various metallic structures made of laminated profiles, sheet, striated sheet, concrete sheet, supporting or covering pipes, fully or partially embedded in concrete | | kg | | 145,20 | |  | |  |
| 13 | | CF05D | | 3 cm thick internal plaster, sandwiched with sandstone, M 100-T sandstone mortar, handmade on straight surfaces, including steel reinforcement and braiding, applied to slits, false beams, masks pipelines, etc., horizontal or vertical, with a width of 51-100 cm inclusive | | m | | 5,10 | |  | |  |
| 14 | | RpCD01D | | Concrete steel OB 37, with diameters up to 8 mm inclusive, shaped on site workshops and mounted in existing building elements, shaping and fitting reinforcements in straight planes, pillars, beams, etc. | | kg | | 23,76 | |  | |  |
| 15 | | RpCD02D | | Concrete steel OB 37, with diameters of over 8 mm bars, shaped in site workshops and mounted in existing building elements, shaping and mounting of straight ramp fittings, pillars, beams, etc. | | kg | | 67,20 | |  | |  |
| 16 | | RpCC05A | | Moldings made of softwood boards, for returning linings, beams, pillars up to 20 m tall | | m2 | | 8,31 | |  | |  |
| 17 | | RpCB03A1 | | Reinforced concrete poured into lintels, belts, poles, to existing manually prepared buildings and casting with classical reinforced concrete class B15 (M220) | | m3 | | 0,90 | |  | |  |
|  | |  | | **3. Fence** | |  | |  | |  | |  |
|  | |  | | **3.1. Groundwork (digging)** | |  | |  | |  | |  |
| 18 | | TsC03D1 | | Mechanical excavation with excavator of 0,40-0,70 mc, with internal combustion engine and hydraulic control, in ground with natural humidity, discharge into land catg. IV | | 100 m3 | | 0,65 | |  | |  |
| 19 | | TsC03F1 | | Mechanical excavation with excavator of 0,40-0,70 mc, with internal combustion engine and hydraulic control, in ground with natural humidity, discharge into land catg. II | | 100 m3 | | 0,23 | |  | |  |
| 20 | | TsI51B5 | | Transporting the soil with a 10 t dumper at a distance of: 15 km | | t | | 38,64 | |  | |  |
| 21 | | TsC51B | | Discharging soil into landfill, land category II | | 100 m3 | | 0,23 | |  | |  |
| 22 | | TsC35B12 | | Excavating transport with frontal loader, at loading distances in the vehicle with front loader on tracks of 0,5-0,99 m.c., land cat. II at a distance of 21-30 m | | 100 m3 | | 0,65 | |  | |  |
| 23 | | TsD01B | | Spreading of ground using shovels, in uniform layers, of 10-30 cm thick, through a throw of up to 3 m of piles, including the crushing of the big pieces from the land from the middle terrain | | m3 | | 64,46 | |  | |  |
| 24 | | TsD05B | | Compaction with 150-200 kg mechanical knocker of the fillers in successive layers of 20-30 cm thickness, excluding the watering of each layer, the fillings being made from cohesive ground | | 100 m3 | | 0,65 | |  | |  |
|  | |  | | **3.2. Foundation** | |  | |  | |  | |  |
| 25 | | TsD16B1 | | Ballast distribution layer with 0-7 mm grains, provided under the ballast c.f., compacted with 0.7t vibrating plate with internal combustion engine <10 hp | | m3 | | 10,01 | |  | |  |
| 26 | | CC01E | | Concrete steel OB37 reinforcements, shaped on site workshops and mounted with bar diameter up to 8 mm including continuous foundation and radiation | | kg | | 96,00 | |  | |  |
| 27 | | CC01F1 | | Concrete steel PC52 reinforcements, shaped on site workshops and mounted with bar diameter up to 8 mm including continuous foundation and radiation | | kg | | 630,90 | |  | |  |
| 28 | | CB03A | | Formwork made of reusable panels with 15 mm plywood for casting concrete in foundations including supports | | m2 | | 126,60 | |  | |  |
| 29 | | CA03G | | Reinforced concrete castings with classical means, in foundations, concrete, casting with classical means, reinforced concrete class B15 | | m3 | | 19,35 | |  | |  |
|  | |  | | **3.3. Fencing** | |  | |  | |  | |  |
|  | |  | | **3.3.1. Perimeter fencing** | |  | |  | |  | |  |
| 30 | | CL18A | | Various metallic structures made of laminated profiles, sheets, striated sheets, concrete sheets, supporting or covering pipes, fully or partially embedded in concrete | | kg | | 3 455,70 | |  | |  |
| 31 | | CL04D | | Fully made steel beams, delivered in sections, assembled by welding, mounted at heights up to 35 m, up to 1 t including | | t | | 3,00 | |  | |  |
| 32 | | IzD04A | | Painting of metallic constructions and constructions with 2-layer oil paint, made of profiles, thicknesses between 8 mm and 12 mm inclusive, with a brush | | t | | 6,46 | |  | |  |
| 33 | | CC09D | | Laying of 2-100-5.0-0 net, applied to the walls, fastened with galvanized steel sheets, without steel-concrete network | | m2 | | 278,40 | |  | |  |
| 34 | | CL57A | | Mounting and fixing of the embedded parts into monolith reinforced concrete: weighing less than 4 kg | | kg | | 178,15 | |  | |  |
| 35 | | CO05B2 | | Barbed wire fences / Net type СББ Егоза-600/15/7/5 АКЛ ОЦ (70,2кг) | | m | | 86,00 | |  | |  |
|  | |  | | **3.3.2. Gates** | |  | |  | |  | |  |
| 36 | | CO07A1 | | Metal profiles made of profiled steel, custom made with ready-made panel mounting | | kg | | 2 250,00 | |  | |  |
| 37 | | IzD04A | | Painting of metallic confections and constructions with 2-layer oil paint, made of profiles, with thicknesses between 8 mm and 12 mm inclusive, with a brush | | t | | 2,25 | |  | |  |
| 38 | | CL57A | | Mounting and fixing of the embedded parts into monolith reinforced concrete: weighing less than 4 kg | | kg | | 196,00 | |  | |  |
| 39 | | CC09D | | Laying of 2-100-5.0-0 net, applied to the walls, fastened with galvanized steel sheets, without steel-concrete network | | m2 | | 47,60 | |  | |  |
| 40 | | CK35B | | Metal dowels fixed in reinforced concrete walls / Expansion bolt ф12х110 | | piece | | 152,00 | |  | |  |
| 41 | | CK35B | | Metal dowels fixed in reinforced concrete walls / Bolt ф12х440 | | piece | | 8,00 | |  | |  |
|  | |  | | **4. Wall reinforcement Cm1** | |  | |  | |  | |  |
|  | |  | | **4.1. Groundwork (digging)** | |  | |  | |  | |  |
| 42 | | TsA03F | | Manual ground excavation in limited spaces, less than 1.00 m in width, executed without support, with inclined slope to foundations, canals, etc., of medium cohesion or very cohesive land, up to 1.5 m deep ground | | m3 | | 11,41 | |  | |  |
| 43 | | TsC03F1 | | Mechanical excavation with excavator of 0,40-0,70 mc, with internal combustion engine and hydraulic control, in ground with natural humidity, discharge into land catg. II | | 100 m3 | | 0,03 | |  | |  |
| 44 | | TsI51B5 | | Transporting the soil with a 10 t dumper at a distance of: 15 km | | t | | 5,10 | |  | |  |
| 45 | | TsD01B | | Spreading of ground using shovels, in uniform layers, of 10-30 cm thick, through a throw of up to 3 m of piles, including the crushing of the big pieces from the land from the middle terrain | | m3 | | 8,62 | |  | |  |
| 46 | | TsD05B | | Compaction with 150-200 kg mechanical knocker of the fillers in successive layers of 20-30 cm thickness, excluding the watering of each layer, the fillings being made from cohesive ground | | 100 m3 | | 0,09 | |  | |  |
|  | |  | | **4.2. Foundations** | |  | |  | |  | |  |
| 47 | | TsD16B1 | | Ballast distribution layer with 0-7 mm grains, provided under the ballast c.f., compacted with 0.7t vibrating plate with internal combustion engine <10 hp | | m3 | | 0,30 | |  | |  |
| 48 | | CC01E | | Concrete steel OB37 reinforcements, shaped on site workshops and mounted with bar diameter up to 8 mm including continuous foundation and radiation | | kg | | 13,33 | |  | |  |
| 49 | | CC01F1 | | Concrete steel PC52 reinforcements, shaped on site workshops and mounted with bar diameter up to 8 mm including continuous foundation and radiation | | kg | | 41,14 | |  | |  |
| 50 | | CB03A | | Formwork made of reusable panels with 15 mm plywood for casting concrete in foundations including supports | | m2 | | 15,21 | |  | |  |
| 51 | | CA03G | | Reinforced concrete castings with classical means, in foundations, concrete, casting with classical means, reinforced concrete class B15 | | m3 | | 2,79 | |  | |  |
|  | |  | | **4.3. Wall** | |  | |  | |  | |  |
| 52 | | CD05C1 | | BCA 600 x 300 blocks, 20 cm thick, reinforced, with cement-sand mortar M 50-Z, prepared with site mixer, using reinforcements PC 52, with diameter of 12 mm, 2 bars over 600mm in height, consumption 10.60 kg / m3 | | m3 | | 5,93 | |  | |  |
| 53 | | CC02K | | Concrete steel OB 37 reinforcements in site workshops with bar diameter up and/or equal to 8 mm and mounted in beams and pillars at heights of 35 m or less, excluding sliding formwork | | kg | | 51,93 | |  | |  |
| 54 | | CC02L2 | | Reinforced concrete PC 52, shaped on site workshops, with a diameter of more than 8 mm and mounted in beams and pillars, at or less than 35 m in height, excluding sliding formwork | | kg | | 124,60 | |  | |  |
| 55 | | CL57A | | Mounting and fixing of the embedded parts into monolith reinforced concrete: weighing less than 4 kg | | kg | | 28,10 | |  | |  |
| 56 | | CB02C | | Formwork made of reusable panels, with short-spindle asphalt boards and substructures for casting of concrete in slabs and beams, exclusive support at heights up to 20 m inclusively | | m2 | | 11,70 | |  | |  |
| 57 | | CA04B3 | | Concrete casting in slabs, beams, pillars, concrete preparation on site and casting with classical reinforced concrete class C 15/12 (Bc 15 / B 200) at heights up to 35 m inclusive | | m3 | | 1,71 | |  | |  |
| 58 | | CO05B2 | | Barbed wire fences / Net type СББ Егоза-600/15/7/5 АКЛ ОЦ (7,8 кг) | | m | | 8,50 | |  | |  |
|  | |  | | **5. Ceiling holes** | |  | |  | |  | |  |
| 59 | | CL18A | | Various metallic structures made of laminated profiles, sheets, striated sheets, concrete sheets, supporting or covering pipes, fully or partially embedded in concrete | | kg | | 4 439,83 | |  | |  |
| 60 | | IzD10C | | Anticorrosive painting with hand brush of metal constructions with an anticorrosive primer GF-21 and two layers of PF-115 enamel paint | | t | | 4,44 | |  | |  |
| 61 | | CE06A1 | | Zinc coated 0.8 mm sheets with special clamping and mechanical clamps, including dies, sorts, pliers, etc. | | m2 | | 80,45 | |  | |  |
|  |  | |  | |  | |  | |  | |  | |
|  |  | |  | |  | |  | |  | |  | |
|  | |  | | Total | | MDL | |  |  | | |  |
|  | |  | | Social and medical insurance | | 22,5 % | |  |  | | |  |
|  | |  | | Transportation of supplies | | % | |  |  | | |  |
|  | |  | | Procurement and warehouse costs | | % | |  |  | | |  |
|  | |  | | Total | |  | |  |  | | |  |
|  | |  | | Coordination costs | | % | |  |  | | |  |
|  | |  | | Total | |  | |  |  | | |  |
|  | |  | | Profit rate | | % | |  |  | | |  |
|  | |  | | Total | |  | |  |  | | |  |

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| **Upgrade of physical security and access control of the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center** | Form Nr.1  WinСmeta |
| (site info) |  |

**Bill of Quantities № 2-1-3**

**Electrical power equipment and interior lighting**

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| --- | --- | --- | --- | --- | --- | --- |
| # | Normative Symbol & Resource Code | Description of works and expenses | U.M. | Quantities as per project data | Cost, MDL | |
| Per unit  ————  incl. salary | Total  —————  incl. salary |

| 1 | | 2 | | 3 | | 4 | | 5 | | | 6 | | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Mounting works** | |  | |  | | |  | |  |
|  | |  | | * 1. **Dismantling** | |  | |  | | |  | |  |
| 1 | | RpEF23A | | Dismantling of any type of luminaries, including rods and globes | | piece | | 50,00 | | |  | |  |
| 2 | | RpEC16A | | Dismantling of switches | | piece | | 10,00 | | |  | |  |
| 3 | | RpEC16A | | Dismantling of sockets | | piece | | 8,00 | | |  | |  |
|  | |  | |  | |  |  | | |  | | |  |
|  | |  | | **1.2. Mounting works** | |  | |  | | |  | |  |
| 4 | | 08-03-572-4 | | Execution control block, cabinet type or distribution point (rack), Box for 24 modules "ИЭК" IP31 ЩРн-24з-0 72 У2 | | piece | | 1,00 | | |  | |  |
| 5 | | 08-03-526-1 | | Automatic mono-, bi-, tripolar, mounted on wall and/or column constructions, / Automatic switch ВА 47-29/1Р/В6 Ip.=6A | | piece | | 6,00 | | |  | |  |
| 6 | | 08-03-526-1 | | Automatic mono-, bi-, tripolar, mounted on wall and/or column constructions, / Dif. аutom. АВДТ 32/С16/30мА | | piece | | 1,00 | | |  | |  |
| 7 | | 08-03-529-3 | | AC power contactor, / Modular contactor 400В 20А КМ20-22 | | piece | | 1,00 | | |  | |  |
| 8 | | RpEP18A | | Applying PM and TS inscriptions on power point doors | | piece | | 1,00 | | |  | |  |
| 9 | | 08-03-572-4 | | Execution control block, cabinet type or distribution point (rack), Box for 24 modules "ИЭК" IP31 ЩРн-24з-0 72 У2 | | piece | | 1,00 | | |  | |  |
| 10 | | 08-03-526-1 | | Automatic mono-, bi-, tripolar, mounted on wall and/or column constructions, / Dif. аutom. АВДТ 34/С16/30мА | | piece | | 1,00 | | |  | |  |
| 11 | | 08-03-526-1 | | Automatic mono-, bi-, tripolar, mounted on wall and/or column constructions, / Automatic switch ВА 47-29/1Р/В6 Ip.=6A | | piece | | 4,00 | | |  | |  |
| 12 | | 08-03-526-1 | | Automatic mono-, bi-, tripolar, mounted on wall and/or column constructions, / Automatic switch ВА 47-29/1Р/В6 Ip.=6A | | piece | | 3,00 | | |  | |  |
| 13 | | 08-03-529-1 | | DC power contactor, / Magnetic switch 230В 18А КМИ-11810 | | piece | | 1,00 | | |  | |  |
| 14 | | 08-03-529-3 | | AC power contactor, / Modular contactor 400В 20А КМ20-22 | | piece | | 2,00 | | |  | |  |
| 15 | | RpEP18A | | Applying PM and TS inscriptions on power point doors | | piece | | 1,00 | | |  | |  |
| 16 | | 08-03-572-4 | | Execution control block, cabinet type or distribution point (rack), Box for 12 modules "ИЭК" IP54 ЩРн-12з-0 72 У2 | | piece | | 1,00 | | |  | |  |
| 17 | | 08-03-526-1 | | Automatic mono-, bi-, tripolar, mounted on wall and/or column constructions, / Automatic switch ВА 47-29/1Р/В6 Ip.=6A | | piece | | 4,00 | | |  | |  |
| 18 | | RpEP18A | | Applying PM and TS inscriptions on power point doors | | piece | | 1,00 | | |  | |  |
| 19 | | 08-03-572-7 | | Execution control block, cabinet type or distribution point (rack), / ABP panel In=100A (ABP-110-100-21-УЗ) | | piece | | 1,00 | | |  | |  |
| 20 | | 08-03-526-1 | | Automatic mono-, bi-, tripolar, mounted on wall and/or column constructions, / Automatic switch АЕ 2046М Ip.=20A | | piece | | 2,00 | | |  | |  |
| 21 | | 08-03-530-1 | | Magnetic demarcation of common destination, Contactor ПМЛ-2501 Ip.=20А | | piece | | 2,00 | | |  | |  |
| 22 | | 08-02-148-1 | | Cable up to 35 kV in pipes, blocks and boxes, table 1 m up to: 1 kg / Cable with copper conductors in PVC insulation with PVC sheath of low flammability and low smoke and gas emission ТУ16.К71-310-2001 | | 100 m | | 7,94 | | |  | |  |
| 23 | |  | | Cable ВВГнг-LS-0.66 3\*1,5 мм2 | | m | | 425,00 | | |  | |  |
| 24 | |  | | Cable ВВГнг-LS-0.66 3\*2,5 мм2 | | m | | 174,00 | | |  | |  |
| 25 | |  | | Cable ВВГнг-LS-0.66 5\*6,0 мм2 | | m | | 175,00 | | |  | |  |
| 26 | |  | | Cable ВВГнг-LS-0.66 1\*1,5 мм2 | | m | | 20,00 | | |  | |  |
| 27 | | 08-02-148-1 | | Cable up to 35 kV in pipes, blocks and boxes, table 1 m up to: 1 kg / Cable with copper conductors in PVC insulation | | 100 m | | 1,14 | | |  | |  |
| 28 | |  | | Cable ВВГнг-FRLS-0.66 3\*2,5 мм2 | | m | | 21,00 | | |  | |  |
| 29 | |  | | Cable ВВГнг-FRLS-0.66 5\*4 мм2 | | m | | 82,00 | | |  | |  |
| 30 | |  | | Cable ВВГнг-FRLS-0.66 5\*6 мм2 | | m | | 11,00 | | |  | |  |
| 31 | | 08-02-148-1 | | Cable up to 35 kV in pipes, blocks and boxes, table 1 m up to: 1 kg / Cable with copper conductors in PVC insulation with PVC sheath of low flammability and low smoke and gas emission ТУ16.К71-310-2001 | | 100 m | | 0,60 | | |  | |  |
| 32 | |  | | Cable КВВГнг-FRLS 4\*1,5 мм2 | | m | | 60,00 | | |  | |  |
| 33 | | 08-02-409-1 | | Built-in vinylplastic pipe, installed on walls and columns, clamping, / PVC pipe inner diameter 14,1mm | | 100 m | | 0,55 | | |  | |  |
| 34 | | 08-02-409-1 | | Built-in vinylplastic pipe, installed on walls and columns, clamping, / PVC pipe inner diameter 20mm | | 100 m | | 0,48 | | |  | |  |
| 35 | | 08-02-396-6 | | Metallic channel on walls and ceilings, length 3 m | | 100 m | | 2,40 | | |  | |  |
| 36 | |  | | Perforated painted tray 35х50 | | m | | 160,00 | | |  | |  |
| 37 | |  | | Perforated painted tray 35х100 | | m | | 80,00 | | |  | |  |
| 38 | | 08-03-594-3 | | Luminescent luminaire mounted separately on pivots, LED lamp 39Wt, IP65 ARCTIC.OPL ECO LED | | 100 pcs. | | 0,42 | | |  | |  |
| 39 | | 08-03-594-3 | | Luminescent luminaire mounted separately on pivots, LED lamp 29Wt, IP65 ARCTIC.OPL ECO LED | | 100 pcs. | | 0,07 | | |  | |  |
| 40 | | 08-03-594-3 | | Luminescent luminaire mounted separately on pivots, Embeddable LED lamp 35Wt, IP20 OPL/R ECO LED 595 | | 100 pcs. | | 0,07 | | |  | |  |
| 41 | |  | | Junction box for hidden wiring У-197 УХЛ4 | | piece | | 15,00 | | |  | |  |
| 42 | |  | | Cover for the box КОН-1м-04 | | piece | | 15,00 | | |  | |  |
| 43 | | 08-03-591-8 | | Unhooked type plug in the open installation / Plug socket for hidden installation with grounding contact. IP-20 10A, 220B PC10-3-ЛБ | | 100 pcs. | | 0,15 | | |  | |  |
| 44 | | 08-03-591-8 | | Unhooked type plug in the open installation / Socket plug for open installation with ground. contact, with mechanical interlock, Uh=400B, Ih=63A, IP67 | | 100 pcs. | | 0,01 | | |  | |  |
| 45 | | 08-03-591-5 | | Two-buttons switch, non-tipped, for closed installation / Double-button switch for hidden wiring 10А, 220В, IP20 BC10-2-0 | | 100 pcs. | | 0,02 | | |  | |  |
| 46 | | 08-03-591-1 | | One-button switch, non-tipped, for open installation / Single button switch for open installations 10А, 220В, IP54 BC20-1-0 | | 100 piece | | 0,16 | | |  | |  |
| 47 | | 08-03-591-5 | | Two-buttons switch, non-tipped, for closed installation / Double-button switch for hidden wiring 10А, 220В, IP54 BC20-2-0 | | 100 pcs. | | 0,03 | | |  | |  |
| 48 | | 08-03-525-2 | | Photorelay Rmax=1100Вт, IP44, ФР601 | | piece | | 1,00 | | |  | |  |
| 49 | | 08-02-407-1 | | Steel pipe mounted on walls, clamping, diameter up to 25 mm / Steel pipe inner diameter 14мм | | 100 m | | 0,55 | | |  | |  |
| 50 | | 08-02-390-2 | | Plastic channels wide up to 63 mm. / Box 50х35мм | | 100 m | | 0,30 | | |  | |  |
| 51 | | 08-03-526-1 | | Protector Iпл.вст.=16A ПН2-63 | | piece | | 9,00 | | |  | |  |
| 52 | | 08-03-526-1 | | Protector Iпл.вст.=25A ПН2-63 | | piece | | 3,00 | | |  | |  |
| 53 | | 08-02-152-4 | | Cable metal construction: support for assembled cable constructions (fara polite), table up to: 1,6 kg / Wall bracket 150мм | | 100 pcs. | | 0,40 | | |  | |  |
| 54 | | 08-02-152-4 | | Cable metal construction: support for assembled cable constructions (fara polite), table up to: 1,6 kg / Wall bracket 100мм | | 100 pcs. | | 0,15 | | |  | |  |
| 55 | | 08-02-152-12 | | Metallic cable construction: Suspension for cable laying under the base with support: Separately, mass up to 8 kg / Ceiling mount | | 100 pcs. | | 0,58 | | |  | |  |
| 56 | | 08-02-152-13 | | Metallic cable constructions: steel section for fastening the suspended suspension, mass up to: 1 kg / Stud М8, L=1000мм | | 100 pcs. | | 0,58 | | |  | |  |
|  | |  | | *Social and medical insurance* | | 22,5 % | | |  |  | | |  |
|  | |  | | *Supply transportation costs* | | % | | |  |  | | |  |
|  | |  | | *Procurement and warehouse costs* | | % | | |  |  | | |  |
|  | |  | | *Total direct costs* | |  | | |  |  | | |  |
|  | |  | | *Coordination costs* | | % | | |  |  | | |  |
|  | |  | | *Total* | |  | | |  |  | | |  |
|  | |  | | *Bill profit* | | % | | |  |  | | |  |
|  | |  | |  | |  |  | | |  | | |  |
|  | |  | | **2. Equipment** | |  | |  | | |  | |  |
| 57 | |  | | Box for24 modules "ИЭК" IP31 ЩРн-24з-0 72 У2 (ЩО1) | | piece | | 1,00 | | |  | |  |
| 58 | |  | | Automatic switch ВА 47-29/1Р/В6 Ip.=6A | | piece | | 6,00 | | |  | |  |
| 59 | |  | | Automatic switch ВА 47-29/1Р/В6 Ip.=6A | | piece | | 1,00 | | |  | |  |
| 60 | |  | | Modular contactor 400В 20А КМ20-22 | | piece | | 1,00 | | |  | |  |
| 61 | |  | | Automatic differential circuit switch АВДТ 34/С16/30мА | | piece | | 1,00 | | |  | |  |
| 62 | |  | | Automatic differential circuit switch АВДТ 34/С16/30мА | | piece | | 1,00 | | |  | |  |
| 63 | |  | | Automatic switch ВА 47-29/1Р/В6 Ip.=10A | | piece | | 4,00 | | |  | |  |
| 64 | |  | | Automatic switch ВА 47-29/1Р/В6 Ip.=4A | | piece | | 3,00 | | |  | |  |
| 65 | |  | | Magnetic launcher (switch) 230В 18А КМИ-11810 | | piece | | 1,00 | | |  | |  |
| 66 | |  | | Modular contactor 400В 20А КМ20-22 | | piece | | 2,00 | | |  | |  |
| 67 | |  | | Box for 12 modules "ИЭК" IP54 ЩРн-12з-0 72 У2 | | piece | | 1,00 | | |  | |  |
| 68 | |  | | Automatic switch ВА 47-29/1Р/В6 Ip.=6A | | piece | | 4,00 | | |  | |  |
| 69 | |  | | Panel ABP In=100A (ABP-110-100-21-УЗ) | | piece | | 1,00 | | |  | |  |
| 70 | |  | | Automatic switch АЕ 2046М Ip.=20A | | piece | | 2,00 | | |  | |  |
| 71 | |  | | Contractor ПМЛ-2501 Ip.=20А | | piece | | 2,00 | | |  | |  |
|  | |  | | *Procurement and warehouse costs* | | % | | |  |  | | |  |
|  |  | |  | |  | |  | | |  | |  | |
|  |  | |  | |  | |  | | |  | |  | |
|  | |  | | Total | | MDL | | |  |  | | |  |

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| **Upgrade of physical security and access control of the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center.** | Form Nr.1  WinСmeta |
| (site info) |  |

**Bill of Quantities № 2-1-4**

**Technical and sanitation works (Heating & Ventilation)**

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| --- | --- | --- | --- | --- | --- | --- |
| # | Norm Symbol & Resource Code | Description of works and expenses | U.M. | Quantities as per project data | Cost, MDL | |
| Per unit  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Construction works** | |  | |  | | |  |  |
|  |  | **1.1. Ventilation** | |  | |  | | |  |  |
| 1 | CL20A | Ready-made ventilation grilles made of black sheet-metal, with manually adjustable blinds painted and mounted in masonry | | piece | | 28,00 | | |  |  |
| 2 |  | Steel outdoor grilles  Р600х200 | | piece | | 1,00 | | |  |  |
| 3 |  | Steel outdoor grilles  Р300х200 | | piece | | 1,00 | | |  |  |
| 4 |  | Steel outdoor grilles  Р300х400 | | piece | | 1,00 | | |  |  |
| 5 |  | Steel outdoor grilles  Р200х200 | | piece | | 1,00 | | |  |  |
| 6 |  | Steel indoor grilles  Р200х100 | | piece | | 8,00 | | |  |  |
| 7 |  | Steel indoor grilles  Р150 | | piece | | 8,00 | | |  |  |
| 8 |  | Steel indoor grilles  Р125 | | piece | | 8,00 | | |  |  |
| 9 | VA02E | Manufacture and installation of straight ventilation ducts, galvanized sheet-metal 0,5 mm thick, having a circular section perimeter of 250 - 700 mm | | m2 | | 1,00 | | |  |  |
| 10 | VA02F | Manufacture and installation of straight ventilation ducts, galvanized sheet-metal 0,6 mm thick, having a circular section perimeter of 700 - 1600 mm | | m2 | | 1,00 | | |  |  |
| 11 | VA02B | Manufacturing and mounting of straight ventilation ducts, galvanized or aluminum sheet-metal 0,5 mm thick, with rectangular section perimeter of 700 - 1600 mm | | m2 | | 0,80 | | |  |  |
| 12 | VA02B | Manufacturing and mounting of straight ventilation ducts, galvanized or aluminum sheet-metal 0,7 mm thick, with rectangular section perimeter of 700 - 1600 mm | | m2 | | 1,40 | | |  |  |
| 13 | VA11H | Special unit (reduction), galvanized sheet-metal 0,7 mm thick, with rectangular section perimeter of 700 - 1600 mm / Transitions pairing ducts with supporting equipment | | m2 | | 8,00 | | |  |  |
| 14 | IA51A | Pitometer hatches | | piece | | 10,00 | | |  |  |
| 15 | VC34A | Manufacturing and mounting of the support and anchor device for appliances, channels, special parts, etc. made of profiled steel, having a section/unit weight of up to 5 kg | | kg | | 200,00 | | |  |  |
|  |  |  | |  |  | | |  | |  |
|  |  | *Total* | | MDL | | |  |  | |  |
|  |  | *Social and medical insurance* | | 22,5 % | | |  |  | |  |
|  |  | *Supply transportation costs* | | % | | |  |  | |  |
|  |  | *Procurement and warehouse costs* | | % | | |  |  | |  |
|  |  | *Total direct costs* | |  | | |  |  | |  |
|  |  | *Coordination costs* | | % | | |  |  | |  |
|  |  | *Total* | |  | | |  |  | |  |
|  |  | *Bill profit* | | % | | |  |  | |  |
|  |  | **2. Mounting works** | |  | |  | | |  |  |
|  |  | **2.1. Ventilation** | |  | |  | | |  |  |
| 16 | VC06A | Mounting directly radial roof radial fans with a flow rate of 4.200-10,000 mc / h with 1.5kw electric motor / Round channel fan | | piece | | 2,00 | | |  |  |
| 17 | VC04D | Mounting of anti-explosion-proof single-sparking fans, coupled directly with coupling, with a flow rate of 4,700-14,600 m³ / h with an electric motor of 3-10 kw / Air handling unit | | piece | | 2,00 | | |  |  |
|  |  | **2.2. Heating** | |  | |  | | |  |  |
| 18 | IB02A | Electric wall convector | | piece | | 3,00 | | |  |  |
| 19 | IA18I | Fine reinforcements for central heating boilers: Sensor temperature controller | | piece | | 2,00 | | |  |  |
|  |  | **2.3. Conditioning** | |  | |  | | |  |  |
| 20 | VC37A | Installation of domestic air conditioning (split system), engine power up to 4.5 kw, from the stairs | | buc | | 2,00 | | |  |  |
| 21 | IC32A | Copper pipe D 6,35x0,76 мм | | m | | 2,00 | | |  |  |
| 22 | IC32A | Copper pipe D 9,52x0,81 мм | | m | | 2,00 | | |  |  |
| 23 | RpIF09D | Insulation of pipes with special insulation sleeves, applied on the pipes, INSUL-TUB d6x6mm (for copper pipes) | | m | | 2,00 | | |  |  |
| 24 | RpIF09D | Insulation of pipes with special insulation sleeves, applied on the pipes, INSUL-TUB d9x6mm (for copper pipes) | | m | | 2,00 | | |  |  |
| 25 | IC35A | Polypropylene drainage pipe ф16mm | | m | | 5,00 | | |  |  |
| 26 | VC34B | Manufacturing and mounting of the support and anchor device for appliances, channels, special parts, etc. made of profiled steel, weighing 5-10 kg | | kg | | 10,00 | | |  |  |
|  |  |  | |  |  | | |  | |  |
|  |  | *Total* | | MDL | | |  |  | |  |
|  |  | *Social and medical insurance* | | 22,5 % | | |  |  | |  |
|  |  | *Supply transportation costs* | | % | | |  |  | |  |
|  |  | *Procurement and warehouse costs* | | % | | |  |  | |  |
|  |  | *Total direct costs* | |  | | |  |  | |  |
|  |  | *Coordination costs* | | % | | |  |  | |  |
|  |  | *Total* | |  | | |  |  | |  |
|  |  | *Bill profit* | | % | | |  |  | |  |
|  |  |  | |  |  | | |  | |  |
|  |  | **3. Equipment and machinery** | |  | |  | | |  |  |
|  |  | **3.1. Ventilation** | |  | |  | | |  |  |
| 27 |  | Axial fan for round ducts D=315мм, В=1000м3/hour, Н=300Па, with electric engine N=0,32 кВт, n=2318 rot. /min., 220В type K 315L "Systemair" or analog | | piece | | 1,00 | | |  |  |
| 28 |  | Axial fan for round ducts D=160мм, В=300м3/hour, Н=300Па, with electric engine N=0,11 кВт, n=2553 rot. /min., 220В type K 160 XL "Systemair" or analog | | piece | | 1,00 | | |  |  |
| 29 |  | Internal supply and exhaust device Ду=160мм, with exhaust heat recovery and mini-heating L=105/115м3/hour, N=0,11 кВт, 220В type PRANA-150 or analog | | piece | | 2,00 | | |  |  |
|  |  | **3.2. Heating** | |  | |  | | |  |  |
| 30 |  | Wall mounted electric radiators N=1000 Вт, 220В | | piece | | 4,00 | | |  |  |
| 31 |  | Sensor-regulator of indoor air temperature, wall-mounted, with daily programming | | piece | | 2,00 | | |  |  |
|  |  | **3.3. Conditioning** | |  | |  | | |  |  |
| 32 |  | Split type air conditioner (Outdoor unit, air-conditioning system "winter-summer", chilled. 2.5kW, heat production 3.2lvt, 220V, N = up to 0.58 kW, Freon R-410A. MUZ-FH25VE / Indoor wall-mounted unit, refrigeration. 2.5kW, heat production 3.2 LW, L = 230-700 m3 / hour 220V, N = 0.03 kW MSZ-FH25VE) | | piece | | 2,00 | | |  |  |
|  | | | | | | | | | | |
|  |  | | *Procurement and warehouse costs* | % | | |  |  | |  |

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| **Upgrade of physical security and access control of the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center** | Form Nr.1 |
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**Bill of Quantity № 2-1-5**

**Fire alarm system**

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| # | Normative Symbol & Resource Code | Works and expenditures | U.M. | Quantity as per project data | Cost, MDL | |
| Per unit  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Mounting works** |  | |  | | |  |  |
| 1 | 10-08-001-01 | Receivers: Reception, control and starting " ПС " devices. / Remote system control С2000М "Bolid" | piece | | 1,000 | | |  |  |
| 2 | 10-08-001-02 | Receivers: Reception, control and starting " ПС " devices. / Control alarm device for 20 fire alarm lines Сигнал 20М "Bolid" | piece | | 1,000 | | |  |  |
| 3 | 10-08-001-01 | Receivers: Reception, control and starting " ПС " devices. / Control and starting unit for 6 directions С2000-КПБ "Bolid" | piece | | 2,000 | | |  |  |
| 4 | 10-08-001-10 | Receivers: Reception, control and starting devices for number of beams: 1 / Executive relay unit C2000-CП1 исп1 "Bolid" | piece | | 1,000 | | |  |  |
| 5 | 10-08-001-11 | Receivers: Reception, control and starting devices for number of beams: 10 Concentrators: Main block for 20 beams/rays / Display unit for 60 sections 2000-БКИ "Bolid" | piece | | 1,000 | | |  |  |
| 6 | 08-01-121-1 | Stationary acid battery, Power Unit (PU) / Backup power supply (PU), 12V; HDPB | piece | | 2,000 | | |  |  |
| 7 | 10-08-002-02 | Smoke detectors "ПС" with photoelectric, radioisotope, light in normal operation / Fire Smoke Detector ИП 212-141 | piece | | 52,000 | | |  |  |
| 8 | 10-08-002-01 | Automatic alarms "ПС": thermal electro-contact, magnetic contact in normal execution / Magneto-contact sensor AU-MS-12s | piece | | 1,000 | | |  |  |
| 9 | 10-08-002-01 | Automatic alarms "ПС": thermal electro-contact, magnetic contact in normal execution / Manual Fire Detector ИПР 513 | piece | | 5,000 | | |  |  |
| 10 | 10-04-030-03 | Additional parts installation on desks and panels: Button / "Start Extinguishing" button ЭДУ-513-3М | piece | | 1,000 | | |  |  |
| 11 | 10-04-030-01 | Additional parts installation on desks and panels: Switch / Limit switch МЕ 8108 | piece | | 1,000 | | |  |  |
| 12 | 10-04-066-05 | Wall mounted equipment: Ringer / Light and sound alarm (ringer) AUSL 100 | piece | | 4,000 | | |  |  |
| 13 | 10-01-039-06 | Various parts: Relay, key, button and other, with mounting place preparation / Light and sound panel Блик-3С-12 | piece | | 2,000 | | |  |  |
| 14 | 10-01-055-02 | Cable and conductor mounting on walls: Cable, mass 1 m up to 1 kg, on the brick wall | 100 m | | 7,690 | | |  |  |
| 15 |  | Cable FTP-3e 2x2x0,48 mm2 | m | | 8,000 | | |  |  |
| 16 |  | Cable КПСВЭВ-LS 1x2x0,5 mm2 | m | | 456,000 | | |  |  |
| 17 |  | Cable КПСВЭВ-LS 2x2x0,5 mm2 | m | | 84,000 | | |  |  |
| 18 |  | Cable КПСВЭВ-LS 1x2x0,8 mm2 | m | | 221,000 | | |  |  |
| 19 | 08-01-121-1 | Stationary acid battery | piece | | 2,000 | | |  |  |
| 20 | 10-04-030-02 | Additional parts installation on desks and panels: Relay / Load resistor | piece | | 72,000 | | |  |  |
| 21 | 10-08-001-05 | Receiver: Device "ПС" for: 1 beam/ray / Powder extinguishing module, 9kg "Тунгус-9и" | piece | | 12,000 | | |  |  |
| 22 | 08-02-303-7 | Steel cable, longitudinal-portable | 1 km | | 0,012 | | |  |  |
| 23 |  | Polyvinyl sheathed cable diameter 2,5мм Тр-025 | m | | 12,000 | | |  |  |
| 24 | 08-02-390-1 | Plastic channels wide up to 40 mm. Plastic channel in stock | 100 m | | 3,000 | | |  |  |
| 25 | 10-04-001-02 | Non-automated shortwave telephone transmitter, capacity, kW: 1/ Radio transmitter ATS-100 | set | | 1,000 | | |  |  |
| 26 |  | Turnbuckle М-8 | piece | | 18,000 | | |  |  |
| 27 |  | Rope clamp I-0.5 | piece | | 18,000 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Social and medical insurance* | 22,5 % | | |  |  | |  |
|  |  | *Supply transportation costs* | % | | |  |  | |  |
|  |  | *Procurement and warehouse costs* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Coordination costs* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Bill profit* | % | | |  |  | |  |
|  |  | **2. Equipment** |  | |  | | |  |  |
| 28 |  | Remote control and management system С2000М "Bolid" | piece | | 1,000 | | |  |  |
| 29 |  | Control alarm device for 20 fire alarm lines Сигнал 20М "Bolid" | piece | | 1,000 | | |  |  |
| 30 |  | Control alarm device for 20 fire alarm lines Сигнал 20М "Bolid" | piece | | 2,000 | | |  |  |
| 31 |  | Main relay unit C2000-CП1 исп1 "Bolid" | piece | | 1,000 | | |  |  |
| 32 |  | Display unit for 60 sections 2000-БКИ "Bolid" | piece | | 1,000 | | |  |  |
| 33 |  | Backup power supply, 12V; 3A HDPB-0301 | piece | | 1,000 | | |  |  |
| 34 |  | Backup power supply, 12V; 10A HDPB-1001 | piece | | 1,000 | | |  |  |
| 35 |  | Fire Smoke Detector ИП 212-141 | piece | | 52,000 | | |  |  |
| 36 |  | Magneto-contact sensor AU-MS-12s | piece | | 1,000 | | |  |  |
| 37 |  | Manual Fire Detector ИПР 513 | piece | | 5,000 | | |  |  |
| 38 |  | Start Extinguishing" button ЭДУ-513-3М | piece | | 1,000 | | |  |  |
| 39 |  | Limit switch МЕ 8108 | piece | | 1,000 | | |  |  |
| 40 |  | Light and sound alarm (ringer) AUSL 100 | piece | | 4,000 | | |  |  |
| 41 |  | Light and sound panel Блик-3С-12 "Powder. Keep away" | piece | | 1,000 | | |  |  |
| 42 |  | Light and sound panel Блик-3С-12 "Powder. No entrance" | piece | | 1,000 | | |  |  |
| 43 |  | Battery 12V 7A/ч СВ7.0-12 | piece | | 1,000 | | |  |  |
| 44 |  | Battery 12V 17A/ч СВ17.0-12 | piece | | 1,000 | | |  |  |
| 45 |  | Load resister 4,7 кОм | piece | | 20,000 | | |  |  |
| 46 |  | Load resister 1,5 кОм | piece | | 52,000 | | |  |  |
| 47 |  | Powder extinguishing module, 9kg "Тунгус-9и" | piece | | 12,000 | | |  |  |
| 48 |  | Radio transmitter ATS-100 | piece | | 1,000 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Procurement and warehouse costs* | % | | |  |  | |  |

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| **Upgrade of physical security and access control of the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center** | Form No.1  WinСmeta |
| (name of the object) |  |

**Bill of Quantities No. 2-1-6**

**Guard Signaling System**

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| No | Symbol norms and Code of resources | Name of the works and expenditures | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per unit of measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Mounting Works** |  | |  | | |  |  |
| 1 | 10-08-001-02 | Receiving Sets: Appliances "ПС" for receiving and control, for starting-up. Concentrator: Receiving and control Guard Unit РС1864 | piece | | 1,00 | | |  |  |
| 2 | 10-08-001-07 | Receiving Sets: Appliances "ПС" for receiving and control, for signaling. Concentrator: Extension Module for 8 ШС РС5108 | 10 piece | | 0,30 | | |  |  |
| 3 | 10-08-003-03 | Ultrasonic appliances: Transformer 220/19 30 Vt ТRE30VA | piece | | 1,00 | | |  |  |
| 4 | 10-08-002-02 | Automatic alarms "ПС": against smoke, photoelectric, for radioisotope, for light in normal execution / Movement sensor LC 100PI | piece | | 12,00 | | |  |  |
| 5 | 10-08-002-02 | Automatic alarms "ПС": against smoke, photoelectric, for radioisotope, for light in normal execution / Movement sensor with a built-in glass breaking device LC 102PIGBS | piece | | 6,00 | | |  |  |
| 6 | 10-08-002-04 | Automatic alarms "ОС": of contact, of magnetic contact at windows and doors opening / Metallic Magnetic-contacted informing device/detector AUMS-18M | piece | | 5,00 | | |  |  |
| 7 | 10-04-066-06 | Wall-mounted device: Light-sound informing device/Sound-and-light alarm | piece | | 4,00 | | |  |  |
| 8 | 08-01-121-1 | Battery stationary acid | piece | | 2,00 | | |  |  |
| 9 | 08-01-121-1 | Battery stationary acid, Power Supply block / Back-up power source, 12V; РИП | piece | | 1,00 | | |  |  |
| 10 | 10-01-055-02 | Cable and conductors laying on walls: Cable, mass 1 m up to 1 kg, on the wall: brick wall | 100 m | | 5,43 | | |  |  |
| 11 |  | Screened signal cable 6х0,22 COR6x0,22 | m | | 543,00 | | |  |  |
| 12 | 08-02-390-1 | Plastic-made ducts of width: up to 40 mm. Plastic Cable-duct | 100 m | | 0,45 | | |  |  |
| 13 | 10-08-001-10 | Receiving Sets: Receiving and control Appliances for the object, for: Segmental liquid-crystal keyboard | piece | | 3,00 | | |  |  |
| 14 | 08-02-409-1 | Vinyl plastic Pipe on installed constructions, on walls and columns, fixing by means of clips, diameter up to 25 mm | 100 m | | 4,00 | | |  |  |
| 15 |  | Corrugated Pipe/fluted tube PVC 16 мм | m | | 400,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Social and Medical Insurance* | 22,5 % | | |  |  | |  |
|  |  | *Transportation of construction materials* | % | | |  |  | |  |
|  |  | *Procurement and storage Expenditures* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Management Expenses* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Estimative Cost Benefit* | % | | |  |  | |  |
|  |  | **2. Equipment** |  | |  | | |  |  |
| 16 |  | Receiving and control Guard Unit РС1864 | piece | | 1,00 | | |  |  |
| 17 |  | Extension Module 8 ШС РС5108 | piece | | 3,00 | | |  |  |
| 18 |  | Transformer 220/19 30 Вт ТRE30VA | piece | | 1,00 | | |  |  |
| 19 |  | Movement sensor LC 100PI | piece | | 12,00 | | |  |  |
| 20 |  | Movement sensor with a built-in glass breaking device LC 102PIGBS | piece | | 6,00 | | |  |  |
| 21 |  | Light-audible alarm/announcer AUSL-100 | piece | | 4,00 | | |  |  |
| 22 |  | Battery 12V 7A/ч СВ7.0-12 | piece | | 2,00 | | |  |  |
| 23 |  | Back-up power source,, 12V; 3A РИП12-3А | piece | | 1,00 | | |  |  |
| 24 |  | Liquid-crystal keyboard PK 5501 Е1H | piece | | 3,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Procurement Expenses-storage* | % | | |  |  | |  |

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| **Upgrade of physical security and access control of the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center** | Form No.1  WinСmeta |
| (name of the object) |  |

**Bill of Quantities No. 2-1-7**

**Video recording system/Video control system**

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| No | Symbol norms and Code of resources | Name of the works and expenditures | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per Unit of Measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Mounting Works** |  | |  | | |  |  |
| 1 | 10-01-001-10 | Central/Main equipment: 8 channels video recorder DH-NVR4108HS-2KS2 | piece | | 1,00 | | |  |  |
| 2 | 10-04-087-14 | Central/Main equipment: Hard disc 6Tb, Seagate, 6TB SkyHawk | piece | | 1,00 | | |  |  |
| 3 | 10-04-067-22 | Color TV Equipment: Video Camera 4 MP, lens - 3.6 мм, DH-IPC-HFW1420ЫЗ "Dahua" | piece | | 5,00 | | |  |  |
| 4 | 10-01-055-02 | Cable and conductors laying on walls: Cable, mass 1 m up to 1 kg, on the wall: brick wall | 100 m | | 2,76 | | |  |  |
| 5 |  | Power Supply Wire ШВВПн 2х0,75 | m | | 138,00 | | |  |  |
| 6 |  | Signaling Wire FTP 5 cat 4х2 | m | | 138,00 | | |  |  |
| 7 | 10-04-066-04 | Equipment installed on the wall: Wire/cable connection box or conduit box | piece | | 5,00 | | |  |  |
| 8 |  | Distribution thermoplastic box 100х100 РТ-100 | piece | | 5,00 | | |  |  |
| 9 | 10-02-016-06 | Appliances: Separately installed: Back-up power source/standby power supply 12В 5А HD 0501 | piece | | 1,00 | | |  |  |
| 10 | 08-01-121-1 | Battery 12В, 7А | piece | | 1,00 | | |  |  |
| 11 | 10-02-016-03 | Commutator/switch-board of dispatcher/ switch-board operator with an amplification and holder appliance, capacity, numbers/figures up to: 25 / Commutator/switch-board TL-SG1008D "TP-Link" | piece | | 1,00 | | |  |  |
| 12 | 10-08-003-03 | Ultrasonic appliances: Power supply and Control Panel/ Uninterrupted/trouble-proof power supply equipment UPS 1500VA Sven-1500VA | piece | | 1,00 | | |  |  |
| 13 | 08-02-390-1 | Plastic-made ducts of width: up to 40 mm. Plastic Cable-duct | 100 m | | 0,10 | | |  |  |
| 14 | 10-04-066-07 | Appliance/Equipment on the wall: Socket / Screened Connecting device RJ-45 | piece | | 14,00 | | |  |  |
| 15 |  | Screened Connecting device RJ-45 | piece | | 14,00 | | |  |  |
| 16 | 10-04-066-07 | Appliance/Equipment on the wall: Socket / Power supply connecter/connecting device DC/M Screw | piece | | 5,00 | | |  |  |
| 17 |  | Power supply connecter/connecting device DC/M Screw | piece | | 5,00 | | |  |  |
| 18 | 08-02-409-1 | Vinyl plastic Pipe on installed constructions, on walls and columns, fixing by means of clips, diameter up to 25 mm | 100 m | | 1,30 | | |  |  |
| 19 |  | Corrugated Pipe/fluted tube PVC 18 мм | m | | 130,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Social and Medical Insurance* | 22,5 % | | |  |  | |  |
|  |  | *Transportation of construction materials* | % | | |  |  | |  |
|  |  | *Procurement and storage Expenditures* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Management Expenses* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Estimative Cost Benefit* | % | | |  |  | |  |
|  |  | **2. Equipment** |  | |  | | |  |  |
| 20 |  | 8 channels video recorder DH-NVR4108HS-2KS2 | buc | | 1,00 | | |  |  |
| 21 |  | Hard Disc 6Tb, Seagate, 6TB SkyHawk | buc | | 1,00 | | |  |  |
| 22 |  | Video Camera 4 MP, lens - 3.6 мм, DH-IPC-HFW1420ЫЗ "Dahua" | buc | | 4,00 | | |  |  |
| 23 |  | Back-up power source/standby power supply 12В 5А HD 0501 | buc | | 1,00 | | |  |  |
| 24 |  | Battery 12В, 7А | buc | | 1,00 | | |  |  |
| 25 |  | Commutator TL-SG1008D "TP-Link" | buc | | 1,00 | | |  |  |
| 26 |  | Uninterrupted/trouble-proof power supply equipment UPS 1500VA Sven-1500VA | buc | | 1,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Procurement Expenses-storage* | % | | |  |  | |  |

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| **Upgrade of physical security and access control of the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center** | Form Nr.1  WinСmeta |
| (site info) |  |

**Bill of Quantities № 2-1-8**

**Measures to ensure fire safety (MASI)**

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| # | Norm Symbol & Resource Code | Description of works and expenses | U.M. | Quantities as per project data | Cost, MDL | |
| Per unit  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Furniture** |  | |  | | |  |  |
| 1 |  | Evacuation plan ГОСТ 12.4.026 2015 | piece | | 3,0000 | | |  |  |
| 2 |  | "Room category as per hazard of explosion and/or fire and zone class according to NAIE" indicators ПУЭ-7 | piece | | 10,0000 | | |  |  |
| 3 |  | Fire panel ГОСТ 12.4.026 2015  (ГОСТ 12.4.026-2015. It should be a sign describing the danger category.  Therefore the contractor should provide the sign and also the necessary means for mounting the equipment which the project is not buying (these are two types of fire extinguishers: Fire-extinguisher ОУ-5 ГОСТ 12.4.026 2015 - 9 pieces, and Fire-extinguisher ОУ-80 ГОСТ 51057-2001 - 4 pieces) which will be supplied by the beneficiary later.) | piece | | 1,0000 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | **2. Construction works** |  | |  | | |  |  |
| 4 | 1501520 | Assembly and placement of unmounted equipment 0.5% of the cost of hardware plus addition | set | | 1,0000 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Social and medical insurance* | 22,5 % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Coordinations costs* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Bill profit* | % | | |  |  | |  |

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| **Upgrade of physical security and access control of the General Police Inspectorate SALW and ammunition storage location in Mesager Street in Chisinau within the “Fulger” Special Operations Police Brigade training center** | Form Nr.1  WinСmeta |
| (site info) |  |

**Bill of Quantities № 2-1-9**

**Technical equipment**

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| --- | --- | --- | --- | --- | --- | --- |
| # | Norm Symbol & Resource Code | Description of works and expenses | U.M. | Quantities as per project data | Cost, MDL | |
| Per unit  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Furniture** |  | |  | | |  |  |
| 1 |  | Computer 1ф, N=0,4kW (Platform B350/X370 or equivalent; Ryzen 6/7 processor or equivalent; 16GB+ RAM memory; SSD + HDD; GPU GTX1070; 600W+ power supply; Installation, testing and commissioning of on-site equipment, as well as operator training) | piece | | 1,0000 | | |  |  |
| 2 |  | Printer 1ф, N=0,3квт (Printer/Copier/Scanner: Monochrome laser beam printing, Single sided: Up to 23 ppm (A4), Scanner: Up to 600 x 600 dpi, paper input: 250-sheet cassette) or equivalent | piece | | 1,0000 | | |  |  |
| 3 |  | Gun safe for 40 ОШ-40ПУ, dimensions 450х350х1700мм | piece | | 10,000 | | |  |  |
| 4 |  | Army crate, dimensions 1300х600х400мм | piece | | 200,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Procurement Expenses-storage* | % | | |  |  | |  |

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| **Security upgrade of the evidence room in the Police Directorate Bălți, str. Stefan cel Mare 50** | Form No.1  WinСmeta |
| (name of the object) |  |

**Bill of Quantities № 2-2-1**

**General Construction Works**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Symbol norms and Code of resources | Works and Expanses | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per unit of measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | | 2 | | 3 | | 4 | | 5 | | | 6 | | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Demolishing Works** | |  | |  | | |  | |  |
| 1 | | RpCO56A | | Dismounting: wood carpenter works (windows) | | m2 | | 3,00 | | |  | |  |
| 2 | | RpCP45A | | Dismounting of metallic windows and doors | | kg | | 84,00 | | |  | |  |
| 3 | | RpCJ35A | | Removal of interior plastering from walls and ceilings | | m2 | | 172,67 | | |  | |  |
| 4 | | RpCK42A | | Dismounting of concrete or cement plaster floors | | m2 | | 51,10 | | |  | |  |
| 5 | | TsH92A | | Loading of construction waste into lorries | | t | | 11,45 | | |  | |  |
| 6 | | TsI50A5 | | Transportation of soil by means of Tip lorry - 5t at a distance of 5 km | | t | | 11,45 | | |  | |  |
|  | |  | | **2. Interior finishing works** | |  | |  | | |  | |  |
|  | |  | | **2.1. Bottom Boards** | |  | |  | | |  | |  |
|  | |  | | **2.1.1. Bottom Boards type III - 51,10 m2** | |  | |  | | |  | |  |
| 7 | | CE17A | | Polymeric supplementary layer type ondutiss / anti condensation Barrier of 2mm | | m2 | | 51,10 | | |  | |  |
| 8 | | IzF53A | | Manual execution of the floor support by means of thermic insulation layer made from foam polystyrene plates, thickness = 50mm, in a single layer | | m2 | | 51,10 | | |  | |  |
| 9 | | CC03C | | Mounting/fixing of welded grids Bp1 5x150x150 at heights less than or equal to 35 m, on plates (gr. 2,13 kg/m2) | | kg | | 108,84 | | |  | |  |
| 10 | | CA02C | | Simple Concrete poured in equal layers, bents at height up to 35 m including, concrete B15, pouring operations by classic means gr.50mm | | m3 | | 2,56 | | |  | |  |
| 11 | | IzF04B | | Waterproof insulating Layer executed in warm conditions for terraces, roofs or foundations works, on terrains without ground water, including moldings from the current hydro insolation on horizontal surfaces up to 40% straight or curved, with bituminous cardboard, glued on the whole surface with bituminous mastic (k=2) | | m2 | | 51,10 | | |  | |  |
| 12 | | CG01A | | Supporting Layer for bottom-boards made from cement plaster M 150-T of 3cm thickness with the surface fine-smoothed | | m2 | | 51,10 | | |  | |  |
| 13 | | CG01A1 | | Supporting Layer for bottom-boards made from cement plaster M 150-T of 3cm thickness with the surface fine-smoothed. Difference in plus or in minus for each 0,5cm of supporting layer from the cement plaster M 150-T, K=2 is added, total thickness = 20mm | | m2 | | -51,10 | | |  | |  |
| 14 | | CG17D | | Bottom-boards made from porcelain floor-tiles including supporting layer made of adhesive cement plaster, executed on surfaces: more than 16 m2 | | m2 | | 51,10 | | |  | |  |
| 15 | | CI14B | | Linear Elements made from porcelain floor-tile plates applied by means of adhesive material | | m | | 41,06 | | |  | |  |
|  | |  | | **2.2. Walls** | |  | |  | | |  | |  |
| 16 | | CN54A | | Manual Applying of Quartz Priming-ground with a deep in-going in a layer, at interior walls and ceilings | | m2 | | 121,57 | | |  | |  |
| 17 | | CF15A | | Interior Plastering, manually executed, with cement plaster M 50-T of 2cm thickness medium, at/on concrete walls or brick walls, with straight surfaces | | m2 | | 121,57 | | |  | |  |
| 18 | | CF50A | | Interior plastering of 3mm thickness, manually executed, by means of Gypsum dry mix, at/on walls and separating walls, mechanical preparation of the cement plaster. | | m2 | | 121,57 | | |  | |  |
| 19 | | CF51A | | Interior plastering of 3mm thickness, manually executed, by means of Gypsum dry mix, at/on walls and separating walls, mechanical preparation of the cement plaster. Difference in plus or in minis for each 1,0mm (it is subtracted at art. CF50) K=2 | | m2 | | -121,57 | | |  | |  |
| 20 | | CF17C | | Diverse works – fiber glass layer of 80 gr./m2 applied on surface of prefabricated elements from b.c.a. glued with aracet, including shock absorbing layer | | m2 | | 121,57 | | |  | |  |
| 21 | | CF57A | | Manual applying of gypsum plaster of 1,0mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 121,57 | | |  | |  |
| 22 | | CF56A | | Manual applying of the plaster for interior/inside works of 0,5mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 121,57 | | |  | |  |
| 23 | | CN53A | | Priming works of interior surfaces of walls and ceilings | | m2 | | 121,57 | | |  | |  |
| 24 | | CN06A | | Interior Paintings by means of acrylic-polymeric emulsion of high endurance, applied in 2 layers on existing plaster, executed manually RAL 9010 | | m2 | | 121,57 | | |  | |  |
|  | |  | |  | |  |  | | |  | | |  |
|  | |  | | **2.3. Ceilings** | |  | |  | | |  | |  |
| 25 | | CN54A | | Manual applying of quartz priming layer in one single layer, at/on interior walls and ceilings | | m2 | | 51,10 | | |  | |  |
| 26 | | CF52A | | Interior plastering of 10mm thickness, manually executed, by means of gypsum dry mix, at/on ceiling, mechanical preparation of the cement plaster k=2 | | m2 | | 51,10 | | |  | |  |
| 27 | | CF53A | | Interior plastering of 10mm thickness, manually executed, by means of Gypsum dry mix, at/on ceiling, mechanical preparation of the cement plaster. Difference in plus or in minis for each 1,0mm (it is added to art.52) K=5 to materials and mechanisms | | m2 | | 51,10 | | |  | |  |
| 28 | | CF17C | | Diverse works – fiber glass layer of 80 gr./m2 applied on surface of prefabricated elements from b.c.a. glued with aracet, including shock absorbing layer | | m2 | | 51,10 | | |  | |  |
| 29 | | CF57A | | Manual applying of gypsum plaster of 1,0mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 51,10 | | |  | |  |
| 30 | | CF56A | | Manual applying of plaster of 0,5mm thickness for interior works on the surfaces of walls, columns and ceilings | | m2 | | 51,10 | | |  | |  |
| 31 | | CN53A | | Priming works on interior surfaces of walls and ceilings | | m2 | | 51,10 | | |  | |  |
| 32 | | CN06A | | Interior Paintings by means of acrylic-polymeric paint in water-based emulsion, applied in 2 layers on existing plaster, executed manually RAL 9010 | | m2 | | 51,10 | | |  | |  |
|  | |  | | **3. Carpenter works/Woodworks** | |  | |  | | |  | |  |
|  | |  | | **3.1. Windows** | |  | |  | | |  | |  |
| 33 | | CK57E | | Installation of PVC windows: (folding, swing-out) with the surface of the empty space under 2 m2 in (two wing doors) F4 1250x800(h) – 3pieces | | m2 | | 3,00 | | |  | |  |
| 34 | | CK26B | | Window-sills mounted at/on aluminum windows | | m | | 3,75 | | |  | |  |
| 35 | | CK26C | | Mounted Window-sills on plastic windows or doors | | m | | 3,75 | | |  | |  |
|  | |  | | **3.2. Metallic Grids** | |  | |  | | |  | |  |
| 36 | | CL19D | | Fabricated metallic grids: made from profiled iron | | kg | | 402,74 | | |  | |  |
| 37 | | IzD10C | | Anticorrosive Painting (manual way, by means of a brush) of metallic constructions with an anticorrosive priming layer ГФ-21 and two layers of enamel ПФ-115 | | t | | 0,40 | | |  | |  |
|  | |  | | **3.3.Doors (to consult the project before presenting the offer)** | |  | |  | | |  | |  |
| 38 | | CK12A | | Metallic doors made from profiled laminated iron, profiles from iron tape and profiled in cold conditions, including the necessary accessories and reinforcement grids for doors mounted in the brickwork of any nature / Exterior metallic door U1r 910x2100(h) – 2pieces; class of resistance to breaking = III | | m2 | | 3,82 | | |  | |  |
| 39 | |  | | Installation of permanent brass board. The board dimensions are 25x35 cm and shall be installed on the place specified by the Employer. The text and layout (logos in color) will be subsequently submitted by UNDP SEESAC | | piece | | 1,000 | | |  | |  |
|  |  | |  | |  | |  | | |  | |  | |
|  |  | |  | |  | |  | | |  | |  | |
|  | |  | | Total | | MDL | | |  |  | | |  |
|  | |  | | Social and Medical Insurance | | 22,5 % | | |  |  | | |  |
|  | |  | | Transportation of construction materials | | % | | |  |  | | |  |
|  | |  | | Procurement and storage Expenditures | | % | | |  |  | | |  |
|  | |  | | Total | |  | | |  |  | | |  |
|  | |  | | Management Expenses | | % | | |  |  | | |  |
|  | |  | | Total | |  | | |  |  | | |  |
|  | |  | | Estimative Cost Benefit | | % | | |  |  | | |  |
|  | |  | | Total | |  | | |  |  | | |  |

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| **Security upgrade of the evidence room in the Police Directorate Bălți, str. Stefan cel Mare 50** | Form No.1  WinСmeta |
| (name of the object) |  |

**Local Estimative Cost № 2-2-2**

**Guard Signaling System**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Symbol norms and Code of resources | Name of the works and expenditures | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per unit of measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Mounting Works** |  | |  | | |  |  |
| 1 | 10-08-001-02 | Receiving Sets: Appliances "ПС" for receiving and control, for starting-up d. Concentrator: Receiving and control Unit РС1616 | piece | | 1,00 | | |  |  |
| 2 | 10-08-001-10 | Receiving Sets: Appliances for receiving and control of the object for: Segmental Liquid-crystal keyboard | piece | | 1,00 | | |  |  |
| 3 | 10-08-003-03 | Ultrasonic appliances: Transformer 220/19 30 Vt ТRE30VA | piece | | 1,00 | | |  |  |
| 4 | 10-08-002-02 | Automatic alarms "ПС": against smoke, photoelectric, for radioisotope, for light in normal execution / Movement sensor LC 100PI | piece | | 2,00 | | |  |  |
| 5 | 10-08-002-02 | Automatic alarms "ПС": against smoke, photoelectric, for radioisotope, for light in normal execution / Movement sensor LC combined with glass breaking-down 102PIGBS | piece | | 2,00 | | |  |  |
| 6 | 10-08-002-04 | Automatic alarms "ОС": of contact, of magnetic contact at windows and doors opening / Metallic Magnetic-contacted informing device/detector AUMS-18M | piece | | 2,00 | | |  |  |
| 7 | 10-04-066-06 | Wall-mounted device: Light-sound informing device/Sound-and-light alarm | piece | | 3,00 | | |  |  |
| 8 | 08-01-121-1 | Battery stationary acid | piece | | 2,00 | | |  |  |
| 9 | 08-01-121-1 | Battery stationary acid, Power supply block / Back-up power source, 12V; РИП | piece | | 1,00 | | |  |  |
| 10 | 10-01-055-02 | Cable and conductors laying on walls: Cable, mass 1 m up to 1 kg, on the wall: brick wall | 100 m | | 1,10 | | |  |  |
| 11 |  | Screened signal cable 6х0,22 COR6x0,22 | m | | 110,00 | | |  |  |
| 12 | 08-02-390-1 | Plastic-made ducts of width: up to 40 mm. Plastic Cable-duct | 100 m | | 0,15 | | |  |  |
| 13 | 08-02-409-1 | Vinyl plastic Pipe on installed constructions, on walls and columns, fixing by means of clips, diameter up to 25 mm | 100 m | | 0,30 | | |  |  |
| 14 |  | Corrugated Pipe/fluted tube PVC 16 мм | m | | 30,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Social and Medical Insurance* | 22,5 % | | |  |  | |  |
|  |  | *Transportation of construction materials* | % | | |  |  | |  |
|  |  | *Procurement and storage Expenditures* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Management Expenses* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Estimative Cost Benefit* | % | | |  |  | |  |
|  |  | **2. Equipment** |  | |  | | |  |  |
| 15 |  | Control Panel РС1616 | piece | | 1,00 | | |  |  |
| 16 |  | Liquid-crystal keyboard PK 5501 Е1H | piece | | 1,00 | | |  |  |
| 17 |  | Transformer 220/19 30 Вт ТRE30VA | piece | | 1,00 | | |  |  |
| 18 |  | Movement-detecting sensor LC 100PI | piece | | 2,00 | | |  |  |
| 19 |  | Movement-detecting sensor LC 100PI | piece | | 2,00 | | |  |  |
| 20 |  | Movement-detecting sensor combined with glass breaking down LC 102PIGBS | piece | | 3,00 | | |  |  |
| 21 |  | Light-audible alarm/announcer AUSL-100 | piece | | 2,00 | | |  |  |
| 22 |  | Battery 12V 7A/hour СВ7.0-12 | piece | | 1,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Procurement Expenses-storage* | % | | |  |  | |  |

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| **Security upgrade of the evidence room in the Police Directorate Bălți, str. Stefan cel Mare 50** | Form No.1  WinСmeta |
| (name of the object) |  |

**Bill of Quantities No. 2-2-3**

**Video recording system/Video control system**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Symbol norms and Code of resources | Name of the works and expenditures | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per Unit of Measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Mounting Works** |  | |  | | |  |  |
| 1 | 10-01-001-10 | Central/Main equipment: 8 channels video recorder DH-NVR4104HS-2KS2 | piece | | 1,00 | | |  |  |
| 2 | 10-04-087-14 | Central/Main equipment: Hard disc 4Tb, Seagate, 4TB SkyHawk | piece | | 1,00 | | |  |  |
| 3 | 10-04-067-22 | Color TV Equipment: Video Camera 4 MP, lens - 3.6 мм, DH-IPC-HFW1420SP "Dahua" | piece | | 2,00 | | |  |  |
| 4 | 10-01-055-02 | Cable and conductors laying on walls: Cable, mass 1 m up to 1 kg, on the wall: brick wall | 100 m | | 0,82 | | |  |  |
| 5 |  | Power Supply Wire ШВВПн 2х0,75 | m | | 25,00 | | |  |  |
| 6 |  | Power Supply Wire ШВВПн 2х0,75 | m | | 57,00 | | |  |  |
| 7 | 10-04-066-04 | Equipment installed on the wall: Wire/cable connection box or conduit box | piece | | 2,00 | | |  |  |
| 8 |  | Distribution thermoplastic box 100х100 РТ-100 | piece | | 2,00 | | |  |  |
| 9 | 10-02-016-06 | Appliances: Separately installed: Back-up power source/standby power supply 12В 3А HD 0301 | piece | | 1,00 | | |  |  |
| 10 | 08-01-121-1 | Battery 12В, 7А | piece | | 1,00 | | |  |  |
| 11 | 10-02-016-03 | Commutator/switch-board of dispatcher/ switch-board operator with an amplification and holder appliance, capacity, numbers/figures up to: 25 / Commutator/switch-board TL-SG1004D "TP-Link" | piece | | 1,00 | | |  |  |
| 12 | 10-08-003-03 | Ultrasonic appliances: Power supply and Control Panel/ Uninterrupted/trouble-proof power supply equipment UPS 1500VA Sven-1500VA | piece | | 1,00 | | |  |  |
| 13 | 08-02-390-1 | Plastic-made ducts of width: up to 40 mm. Plastic Cable-duct | 100 m | | 0,10 | | |  |  |
| 14 | 10-04-066-07 | Appliance/Equipment on the wall: Socket / Screened Connecting device RJ-45 | piece | | 6,00 | | |  |  |
| 15 |  | Screened Connecting device RJ-45 | piece | | 6,00 | | |  |  |
| 16 | 10-04-066-07 | Appliance/Equipment on the wall: Socket / Power supply connecter/connecting device DC/M Screw | piece | | 2,00 | | |  |  |
| 17 |  | Power supply connecter/connecting device DC/M Screw | piece | | 2,00 | | |  |  |
| 18 | 08-02-409-1 | Vinyl plastic Pipe on installed constructions, on walls and columns, fixing by means of clips, diameter up to 25 mm | 100 m | | 0,40 | | |  |  |
| 19 |  | Corrugated Pipe/fluted tube PVC 16 мм | m | | 40,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Social and Medical Insurance* | 22,5 % | | |  |  | |  |
|  |  | *Transportation of construction materials* | % | | |  |  | |  |
|  |  | *Procurement and storage Expenditures* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Management Expenses* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Estimative Cost Benefit* | % | | |  |  | |  |
|  |  |  |  |  | | |  | |  |
|  |  | **2. Equipment** |  | |  | | |  |  |
| 20 |  | 8 channels video recorder DH-NVR4104HS-2KS2 | piece | | 1,00 | | |  |  |
| 21 |  | Hard Disc 4Tb, Seagate, 4TB SkyHawk | piece | | 1,00 | | |  |  |
| 22 |  | Video Camera 4 MP, lens - 3.6 мм, DH-IPC-HFW1420SP "Dahua" | piece | | 2,00 | | |  |  |
| 23 |  | Back-up power source/standby power supply 12В 3А HD 0301 | piece | | 1,00 | | |  |  |
| 24 |  | Battery 12В, 7А | piece | | 1,00 | | |  |  |
| 25 |  | Commutator TL-SG1004D "TP-Link" | piece | | 1,00 | | |  |  |
| 26 |  | Uninterrupted/trouble-proof power supply equipment UPS 1500VA Sven-1500VA | piece | | 1,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Procurement Expenses-storage* | % | | |  |  | |  |

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| **Security upgrade of the evidence room in the Police Directorate Cahul, str. 31 august 1989, 10** | Form No.1  WinСmeta |
| (name of the object) |  |

**Bill of Quantities No. 2-3-1**

**Architectural/Design Solutions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Symbol norms and Code of resources | Name of the works and expenditures | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per unit of measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | | 2 | 3 | | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | **1. Demolishing Works** | |  | |  | | |  |  |
| 1 | | RpCG29C | Demolishing of the brick stone walls (full/filled-up bricks), BCA, ceramic blocks or made from light concrete, bricks GVP, exclusively scaffold and cleaning of the bricks | | m3 | | 1,1800 | | |  |  |
| 2 | | RpCP45A | Dismounting of metallic windows and doors | | kg | | 100,8000 | | |  |  |
| 3 | | RpCJ35A | Removal of interior plastering from walls and ceilings | | m2 | | 112,4300 | | |  |  |
| 4 | | RpCK42A | Dismounting of concrete or cement plaster floors | | m2 | | 26,6500 | | |  |  |
| 5 | | TsH92A | Loading of construction waste into lorries | | t | | 11,8200 | | |  |  |
| 6 | | TsI50A5 | Transportation of soil by means of Tip lorry - 5t at a distance of 5 km | | t | | 11,8200 | | |  |  |
|  | |  | **2. Closures and Subdivision/Compartment Works** | |  | |  | | |  |  |
| 7 | | CD66С | Bricks Laying, format 250 x 120 x 65 mm, at separating reinforced walls - thickness = 1/2 brick, together with manual preparation of the cement plaster/mix M-50, height of the floor up to 4 m | | 100m2 | | 0,0360 | | |  |  |
| 8 | | CD70A | Ordinary Lime-stone Laying at walls together with manual preparation of the cement plaster/mix M-50, height of the floor up to 4m | | m3 | | 0,6100 | | |  |  |
| 9 | | RpCD08B | Mounting of welded grids Bp 5x100x100 on walls and diaphragms of 3,08 kg/mp weight | | kg | | 52,3000 | | |  |  |
| 10 | | RpCB11A | Pneumatically-placed Concrete/Air-placed Concrete class Bc 30 (B 400), at brick stone walls, thickness = 8 cm, prepared on the construction plant/field by means of a cement mixer 250 l and poured by classical means k=1.33 | | m2 | | 16,9800 | | |  |  |
|  | |  | **3. Interior Finishing** | |  | |  | | |  |  |
|  | |  | **3.1. Bottom Boards** | |  | |  | | |  |  |
|  | |  | **3.1.1. Bottom Boards type III - 26,65 m2** | |  | |  | | |  |  |
| 11 | | CE17A | Supplementary Polymeric Layer type ondutiss / Anti-condensation Barrier 2mm | | m2 | | 26,6500 | | |  |  |
| 12 | | IzF53A | Hand-made works for bottom boards support with heat insulating material made from polystyrene plates, thickness of 50 mm, in one layer | | m2 | | 26,6500 | | |  |  |
| 13 | | CC03C | Mounting of welded grid Bp1 5x150x150 at lower heights or equal to 35 m, at plates (gr. 2,13 kg/m2) | | kg | | 56,7600 | | |  |  |
| 14 | | CA02C | Simple Concrete poured in equal layers, bents at height up to 35 m including, concrete B15, pouring operations by classic means gr.50mm | | m3 | | 1,3300 | | |  |  |
| 15 | | IzF04B | Waterproof insulating Layer executed in warm conditions for terraces, roofs or foundations works, on terrains without ground water, including moldings from the current hydro insolation on horizontal surfaces up to 40% straight or curved, with bituminous cardboard, glued on the whole surface with bituminous mastic (k=2) | | m2 | | 26,6500 | | |  |  |
| 16 | | CG01A | Supporting Layer for bottom-boards made from cement plaster M 150-T of 3cm thickness with the surface fine-smoothed | | m2 | | 26,6500 | | |  |  |
| 17 | | CG01A1 | Supporting Layer for bottom-boards made from cement plaster M 150-T of 3cm thickness with the surface fine-smoothed. Difference in plus or in minus for each 0,5cm of supporting layer from the cement plaster M 150-T, K=2 is added, total thickness = 20mm | | m2 | | -26,6500 | | |  |  |
| 18 | | CG17D | Bottom-boards made from porcelain floor-tiles including supporting layer made of adhesive cement plaster, executed on surfaces: more than 16 m2 | | m2 | | 26,6500 | | |  |  |
| 19 | | CI14B | Linear Elements made from porcelain floor-tile plates applied by means of adhesive material | | m | | 36,6400 | | |  |  |
|  | |  |  | |  |  | | |  | |  |
|  | |  | **3.2. Walls** | |  | |  | | |  |  |
| 20 | | CN54A | Manual Applying of Quartz Priming-ground with a deep in-going in a layer, at interior walls and ceilings | | m2 | | 85,7800 | | |  |  |
| 21 | | CF50A | Interior plastering of 3mm thickness, manually executed, by means of Gypsum dry mix, at/on walls and separating walls, mechanical preparation of the cement plaster. | | m2 | | 85,7800 | | |  |  |
| 22 | | CF51A | Interior plastering of 3mm thickness, manually executed, by means of Gypsum dry mix, at/on walls and separating walls, mechanical preparation of the cement plaster. Difference in plus or in minis for each 1,0mm (it is subtracted at art. CF50) K=2 | | m2 | | -85,7800 | | |  |  |
| 23 | | CF17C | Diverse works – fiber glass layer of 80 gr./m2 applied on surface of prefabricated elements from b.c.a. glued with aracet, including shock absorbing layer | | m2 | | 85,7800 | | |  |  |
| 24 | | CF57A | Manual applying of gypsum plaster of 1,0mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 85,7800 | | |  |  |
| 25 | | CF56A | Manual applying of the plaster for interior/inside works of 0,5mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 85,7800 | | |  |  |
| 26 | | CN53A | Priming works of interior surfaces of walls and ceilings | | m2 | | 85,7800 | | |  |  |
| 27 | | CN06A | Interior Paintings by means of acrylic-polymeric emulsion of high endurance, applied in 2 layers on existing plaster, executed manually RAL 9010 | | m2 | | 85,7800 | | |  |  |
|  | |  | **3.3. Ceilings** | |  | |  | | |  |  |
| 28 | | CN54A | Manual applying of quartz priming layer in one single layer, at/on interior walls and ceilings | | m2 | | 26,6500 | | |  |  |
| 29 | | CF52A | Interior plastering of 10mm thickness, manually executed, by means of gypsum dry mix, at/on ceiling, mechanical preparation of the cement plaster k=2 | | m2 | | 26,6500 | | |  |  |
| 30 | | CF53A | Interior plastering of 10mm thickness, manually executed, by means of Gypsum dry mix, at/on ceiling, mechanical preparation of the cement plaster. Difference in plus or in minis for each 1,0mm (it is added to art.52) K=5 to materials and mechanisms | | m2 | | 26,6500 | | |  |  |
| 31 | | CF17C | Diverse works – fiber glass layer of 80 gr./m2 applied on surface of prefabricated elements from b.c.a. glued with aracet, including shock absorbing layer | | m2 | | 26,6500 | | |  |  |
| 32 | | CF57A | Manual applying of gypsum plaster of 1,0mm thickness on the surfaces of walls, columns and ceilings | | m2 | | 26,6500 | | |  |  |
| 33 | | CF56A | Manual applying of plaster of 0,5mm thickness for interior works on the surfaces of walls, columns and ceilings | | m2 | | 26,6500 | | |  |  |
| 34 | | CN53A | Priming works on interior surfaces of walls and ceilings | | m2 | | 26,6500 | | |  |  |
| 35 | | CN06A | Interior Paintings by means of acrylic-polymeric paint in water-based emulsion, applied in 2 layers on existing plaster, executed manually RAL 9010 | | m2 | | 26,6500 | | |  |  |
|  | |  |  | |  |  | | |  | |  |
|  | |  | **4. Carpenter Works** | |  | |  | | |  |  |
|  | |  | **4.1. Metallic Grids** | |  | |  | | |  |  |
| 36 | | CL19D | Fabricated metallic grids: made from profiled iron | | kg | | 293,7000 | | |  |  |
| 37 | | IzD10C | Anticorrosive Painting (manual way, by means of a brush) of metallic constructions with an anticorrosive priming layer ГФ-21 and two layers of enamel ПФ-115 | | t | | 0,2940 | | |  |  |
|  | |  |  | |  |  | | |  | |  |
|  | |  | **4.2. Doors (to consult the project before presenting the offer)** | |  | |  | | |  |  |
| 38 | | CK12A | Metallic doors made from profiled laminated iron, profiles from iron tape and profiled in cold conditions, including the necessary accessories and reinforcement grids for doors mounted in the brickwork of any nature / Exterior metallic door U1r 910x2100(h) – 3pieces; class of resistance to breaking = III | | m2 | | 5,7300 | | |  |  |
| 39 | |  | Installation of permanent brass board. The board dimensions are 25x35 cm and shall be installed on the place specified by the Employer. The text and layout (logos in color) will be subsequently submitted by UNDP SEESAC | | piece | | 1,000 | | |  |  |
|  | |  | Total | | MDL | | |  |  | |  |
|  | |  | Social and Medical Insurance | | 22,5 % | | |  |  | |  |
|  | |  | Transportation of construction materials | | % | | |  |  | |  |
|  | |  | Procurement and storage Expenditures | | % | | |  |  | |  |
|  | |  | Total | |  | | |  |  | |  |
|  | |  | Management Expenses | | % | | |  |  | |  |
|  | |  | Total | |  | | |  |  | |  |
|  | |  | Estimative Cost Benefit | | % | | |  |  | |  |
|  | | | | | | | | | | | |
| **Construction works for the evidence room in the Police Directorate Cahul, str. 31 august 1989, 10** | | | Form No.1  WinСmeta | | | | | | | |
| (name of the object) | | |  | | | | | | | |

**Local Estimative Cost No. 2-3-2**

**Guard Signaling System**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Symbol norms and Code of resources | Name of the works and expenditures | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per unit of measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Mounting Works** |  | |  | | |  |  |
| 1 | 10-08-001-02 | Receiving Sets: Appliances "ПС" for receiving and control, for starting-up d. Concentrator: Receiving and control Unit РС585 | piece | | 1,00 | | |  |  |
| 2 | 10-08-001-10 | Receiving Sets: Appliances for receiving and control of the object for: Segmental Liquid-crystal keyboard | piece | | 1,00 | | |  |  |
| 3 | 10-08-003-03 | Ultrasonic appliances: Transformer 220/19 30 Vt ТRE30VA | piece | | 1,00 | | |  |  |
| 4 | 10-08-002-02 | Automatic alarms "ПС": against smoke, photoelectric, for radioisotope, for light in normal execution / Movement sensor LC 100PI | piece | | 3,00 | | |  |  |
| 5 | 10-08-002-04 | Automatic alarms "ОС": of contact, of magnetic contact at windows and doors opening / Metallic Magnetic-contacted informing device/detector AUMS-18M | piece | | 2,00 | | |  |  |
| 6 | 10-04-066-06 | Wall-mounted device: Light-sound informing device/Sound-and-light alarm | piece | | 3,00 | | |  |  |
| 7 | 08-01-121-1 | Battery stationary acid | piece | | 1,00 | | |  |  |
| 8 | 10-01-055-02 | Cable and conductors laying on walls: Cable, mass 1 m up to 1 kg, on the wall: brick wall | 100 m | | 1,03 | | |  |  |
| 9 |  | Screened signal cable 6х0,22 COR6x0,22 | m | | 103,00 | | |  |  |
| 10 | 08-02-390-1 | Plastic-made ducts of width: up to 40 mm. Plastic Cable-duct | 100 m | | 0,15 | | |  |  |
| 11 | 08-02-409-1 | Vinyl plastic Pipe on installed constructions, on walls and columns, fixing by means of clips, diameter up to 25 mm | 100 m | | 0,37 | | |  |  |
| 12 |  | Corrugated Pipe/fluted tube PVC 16 мм | m | | 37,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Social and Medical Insurance* | 22,5 % | | |  |  | |  |
|  |  | *Transportation of construction materials* | % | | |  |  | |  |
|  |  | *Procurement and storage Expenditures* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Management Expenses* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Estimative Cost Benefit* | % | | |  |  | |  |
|  |  | **2. Equipment** |  | |  | | |  |  |
| 13 |  | Control Panel РС585 | piece | | 1,00 | | |  |  |
| 14 |  | Liquid-crystal keyboard PK 5501 Е1H | piece | | 1,00 | | |  |  |
| 15 |  | Transformer 220/19 30 Вт ТRE30VA | piece | | 1,00 | | |  |  |
| 16 |  | Movement-detecting sensor LC 100PI | piece | | 3,00 | | |  |  |
| 17 |  | Light-audible alarm/announcer AUSL-100 | piece | | 3,00 | | |  |  |
| 18 |  | Battery 12V 7A/ч СВ7.0-12 | piece | | 1,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Procurement Expenses-storage* | % | | |  |  | |  |

|  |  |
| --- | --- |
| **Construction works for the evidence room in the Police Directorate Cahul, str. 31 august 1989, 10** | Form No.1  WinСmeta |
| (name of the object) |  |

**Local Estimated Cost No. 2-3-3**

**Video recording system/Video control system**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Symbol norms and Code of resources | Name of the works and expenditures | Unit of Measure | Quantity according to data from the project | Value of estimated cost, MDL | |
| Per Unit of Measure  ————  incl. salary | Total  —————  incl. salary |

| 1 | 2 | 3 | 4 | | 5 | | | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **1. Mounting Works** |  | |  | | |  |  |
| 1 | 10-01-001-10 | Central/Main equipment: 8 channels video recorder DH-NVR4104HS-2KS2 | piece | | 1,00 | | |  |  |
| 2 | 10-04-087-14 | Central/Main equipment: Hard disc 4Tb, Seagate, 4TB SkyHawk | piece | | 1,00 | | |  |  |
| 3 | 10-04-067-22 | Color TV Equipment: Video Camera 4 MP, lens - 3.6 мм, DH-IPC-HFW1420SP "Dahua" | piece | | 3,00 | | |  |  |
| 4 | 10-01-055-02 | Cable and conductors laying on walls: Cable, mass 1 m up to 1 kg, on the wall: brick wall | 100 m | | 0,66 | | |  |  |
| 5 |  | Power Supply Wire ШВВПн 2х0,75 | m | | 33,00 | | |  |  |
| 6 |  | Signaling Wire FTP 5 cat 4х2x0,48 | m | | 33,00 | | |  |  |
| 7 | 10-04-066-04 | Equipment installed on the wall: Wire/cable connection box or conduit box | piece | | 2,00 | | |  |  |
| 8 |  | Distribution thermoplastic box 100х100 РТ-100 | piece | | 2,00 | | |  |  |
| 9 | 10-02-016-06 | Appliances: Separately installed: Back-up power source/standby power supply 12В 3А HD 0301 | piece | | 1,00 | | |  |  |
| 10 | 08-01-121-1 | Battery 12В, 7А | piece | | 1,00 | | |  |  |
| 11 | 10-02-016-03 | Commutator/switch-board of dispatcher/ switch-board operator with an amplification and holder appliance, capacity, numbers/figures up to: 25 / Commutator/switch-board TL-SG1004D "TP-Link" | piece | | 1,00 | | |  |  |
| 12 | 10-08-003-03 | Ultrasonic appliances: Power supply and Control Panel/ Uninterrupted/trouble-proof power supply equipment UPS 1500VA Sven-1500VA | piece | | 1,00 | | |  |  |
| 13 | 08-02-390-1 | Plastic-made ducts of width: up to 40 mm. Plastic Cable-duct | 100 m | | 0,10 | | |  |  |
| 14 | 10-04-066-07 | Appliance/Equipment on the wall: Socket / Screened Connecting device RJ-45 | piece | | 8,00 | | |  |  |
| 15 |  | Screened Connecting device RJ-45 | piece | | 8,00 | | |  |  |
| 16 | 10-04-066-07 | Appliance/Equipment on the wall: Socket / Power supply connecter/connecting device DC/M Screw | piece | | 3,00 | | |  |  |
| 17 |  | Power supply connecter/connecting device DC/M Screw | piece | | 3,00 | | |  |  |
| 18 | 08-02-409-1 | Vinyl plastic Pipe on installed constructions, on walls and columns, fixing by means of clips, diameter up to 25 mm | 100 m | | 0,35 | | |  |  |
| 19 |  | Corrugated Pipe/fluted tube PVC 16 мм | m | | 35,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Social and Medical Insurance* | 22,5 % | | |  |  | |  |
|  |  | *Transportation of construction materials* | % | | |  |  | |  |
|  |  | *Procurement and storage Expenditures* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Management Expenses* | % | | |  |  | |  |
|  |  | *Total* |  | | |  |  | |  |
|  |  | *Estimative Cost Benefit* | % | | |  |  | |  |
|  |  |  |  |  | | |  | |  |
|  |  | **2. crtaewepons** |  | |  | | |  |  |
| 20 |  | 8 channels video recorder DH-NVR4104HS-2KS2 | piece | | 1,00 | | |  |  |
| 21 |  | Hard Disc 4Tb, Seagate, 4TB SkyHawk | piece | | 1,00 | | |  |  |
| 22 |  | Video Camera 4 MP, lens - 3.6 мм, DH-IPC-HFW1420SP "Dahua" | piece | | 3,00 | | |  |  |
| 23 |  | Back-up power source/standby power supply 12В 3А HD 0301 | piece | | 1,00 | | |  |  |
| 24 |  | Battery 12В, 7А | piece | | 1,00 | | |  |  |
| 25 |  | Commutator TL-SG1004D "TP-Link" | piece | | 1,00 | | |  |  |
| 26 |  | Uninterrupted/trouble-proof power supply equipment UPS 1500VA Sven-1500VA | piece | | 1,00 | | |  |  |
|  |  |  |  |  | | |  | |  |
|  |  | *Total* | MDL | | |  |  | |  |
|  |  | *Procurement Expenses-storage* | % | | |  |  | |  |