|  |  |
| --- | --- |
| ***Interior repair works and modernization of science classrooms in Theoretical Lyceum ''Mihail Ceachir'' from Ceadir-Lunga*** |  |
| (name of the objective) |  |

***List of quantities of works***

**DEVIZ LOCAL № 0258 0102 - 2-1-1**

*Architectural-constructive solutions (SAC)*

| №  crt. | | Rules symbol and Resource Code | | Work and expenditure | | | | | U.M. | | Quantity according to project data | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | | 2 | | 3 | | | | | 4 | | 5 | |
|  | |  | | **1.1 Dismantling** | | | | |  | |  | |
| 1 | | RpCO56A | | Dismantling: wooden joinery (doors, windows, shutters, boxes, rollers, masks, etc.) (dismantling doors) | | | | | m2 | | 21,50 | |
| 2 | | RpCO56A | | Dismantling: wood joinery (doors, windows, shutters, boxes, rollers, masks, etc.) (dismantling PVC doors) | | | | | m2 | | 2,10 | |
| 3 | | RpCO56A | | Dismantling: wooden joinery (doors, windows, shutters, boxes, roll, masks, etc.) (dismantling of the PVC inner sill b=250mm) | | | | | m2 | | 15,63 | |
| 4 | | RCsB22A | | Cutting of reinforced concrete slabs or elements up to 15 cm thick (cutting of the protruding portions (protruding outside the wall) of the reinforced concrete inner ledge with a diamond disk cutting machine (h~100mm)) | | | | | m | | 62,50 | |
| 5 | | RpCK41A | | Removal of floors in shower rooms made of hardwood, cupboards, | | | | | m2 | | 18,00 | |
| 6 | | RpCH32B | | Stripping of wooden planks and roofing elements - roofing with stripping of all component parts, including sorting of the resulting materials | | | | | m2 | | 18,00 | |
| 7 | | RpCO56B | | Removals: wood wall and ceiling paneling, plywood, PFL, PAS etc. | | | | | m2 | | 4,00 | |
| 8 | | RpCH32B | | Stripping of wooden planks and roofing elements - roofing with stripping of all component parts, including sorting of the resulting materials | | | | | m2 | | 4,00 | |
| 9 | | RpCO56B | | Removals: wood wall and ceiling paneling, plywood, PFL, PAS etc. | | | | | m2 | | 54,00 | |
| 10 | | RpCG29C | | Demolition of masonry walls made of solid brick, BCA, ceramic or light concrete blocks, GVP bricks, excluding scaffolding and brick cleaning | | | | | m3 | | 7,77 | |
| 11 | | RpCJ35A | | Removal of loose interior or exterior plaster on walls or ceilings | | | | | m2 | | 606,00 | |
| 12 | | RpCO56B | | Removals: wood wall and ceiling paneling, plywood, PFL, PAS etc. | | | | | m2 | | 13,00 | |
| 14 | | RpCK41C | | Removal of PVC carpet floors with or without textile backing, carpet, etc. | | | | | m2 | | 352,70 | |
| 15 | | RpCK42C | | Removal of cold floors made of concrete slabs, marble, stone, tiles, ceramic tiles, etc. | | | | | m2 | | 125,40 | |
| 16 | | RpCK42A | | Removing cold concrete or cement mortar floors | | | | | m2 | | 50,50 | |
| 17 | | RpCI42B | | Dismantling of roofing elements - sheeting, asbestos cement, PVC, cardboard, pliers, reed, etc., including cutting of recoverable sheeting | | | | | m2 | | 9,40 | |
| 18 | | RpCO56B | | Removals: wood wall and ceiling paneling, plywood, PFL, PAS etc. | | | | | m2 | | 3,60 | |
| 19 | | RCsB29S k=1,21 | | Drilling holes in brick and stone masonry using a diamond core drill with a diameter of 190 mm (Dn230 mm) | | | | | pcs | | 16,00 | |
| 20 | | RCsB29R | | Drilling holes in brick and stone masonry using a diamond core drill with a diameter of 180 mm | | | | | pcs | | 3,00 | |
| 21 | | RCsB29S k=1.47 | | Drilling holes in brick and stone masonry, using a diamond core drill with a diameter of 190 mm (Dn280 mm) | | | | | pcs | | 1,00 | |
| 22 | | TsC03G1 | | Mechanical digging with 0,40-0,70 cubic meter excavator, with internal combustion engine and hydraulic control, in soil with natural humidity, unloading in vehicles, land catg. III | | | | | 100 m3 | | 0,15 | |
| 23 | | TRI1AA04C3 | | Loading of group A materials - light and small materials by dumping - from the ramp or ground, in a category 3 car | | | | | t | | 5,80 | |
| 24 | | TsI50A3 | | Transportation of soil by 5 t dumper truck over a distance of 3 km | | | | | t | | 29,00 | |
|  | |  | | **Total 1.1 Dismantling** | | | | |  | |  | |
|  | |  | | **1.2 Plasterboard masonry with nut and feder** | | | | |  | |  | |
| 25 | | CD57A | | Execution of single-layer partition walls made of plaster boards "with joints in relief" with gr.10cm., in rooms with height: up to 4 m (plaster boards with nut-feder 667x500x80mm) | | | | | 100m2 | | 1,05 | |
| 26 | | CL57A correct | | Mounting and fixing of embedded parts in monolithic reinforced concrete: weighing less than 4 kg (C1 socket - galvanized steel 1x20x215) | | | | | kg | | 2,04 | |
|  | |  | | **Total 1.2 Plasterboard masonry with nut and feder** | | | | |  | |  | |
|  | |  | | **1.3 Sandblasting in plasterboard walls** | | | | |  | |  | |
| 27 | | СF59A | | Surface cladding with one layer of PGC with execution of simple flat metal casing, up to 4 m high: walls without insulation (gypsum plasterboard gr.12,5 mm; UW50/CW50 profiles) | | | | | m2 | | 27,00 | |
|  | |  | | **Total 1.3 Sandblasting in plasterboard walls** | | | | |  | |  | |
|  | |  | | **1.4 Capping new sewer and aqueduct columns with plasterboard** | | | | |  | |  | |
| 28 | | СF59A | | Surface cladding with one layer of PGC with execution of simple flat metal casing, up to 4 m high: walls without insulation (gypsum plasterboard gr.12,5 mm; UW50/CW50 profiles) | | | | | m2 | | 7,60 | |
|  | |  | | **Total 1.4 Capping new sewer and aqueduct columns with plasterboard** | | | | |  | |  | |
|  | |  | | **1.5 Installation of partition walls Pd-1 and Pd-2** | | | | |  | |  | |
| 29 | | CD72A correct | | Flat partition walls made of PGC with thickness 75-125 mm on simple metal casing with PGC plywood in one layer on both sides without insulation, up to 4 m high (laminated chipboard 18mm, edges covered with ABS 2mm edgebanding - 23,70 m2; gypsum plasterboard gr.12,5 mm - 23,70 m2; profile UW 75; profile CW 75) | | | | | m2 | | 23,70 | |
| 30 | | СF59A adaptive | | Surface cladding with one layer of PGC with execution of simple flat metal casing, up to 4 m high: walls without insulation (18mm laminated chipboard, edges covered with 2mm ABS edgebanding, perforated with holes from Dn100 to Dn250 with edges covered with melamine edgebanding; UW75/CW75 profile) | | | | | m2 | | 10,10 | |
| 31 | | Market price | | Removable Minifix with eccentric | | | | | pcs | | 70,00 | |
| 32 | | CE40A | | Mounting of skeleton elements in beams (bars) with antiseptic treatment (45x70mm wooden ruler for reinforcing the door opening) | | | | | m3 | | 0,044 | |
| 33 | | CN50A | | Fire-retardant treatment of woodwork; trusses, arches, beams, rafters, rafters, staves. | | | | | m3 | | 0,044 | |
| 34 | | CG06A adaptive | | Oak or beech skirting boards, cleaned and mounted on wooden dowels fixed with brass screws in rooms with areas larger than 16 square meters, horizontal skirting boards with a maximum height of 15 cm at the walls (laminated chipboard 18mm, 57x3000mm) | | | | | m | | 42,00 | |
|  | |  | | **Total 1.5 Erection of partition walls Pd-1 and Pd-2** | | | | |  | |  | |
|  | |  | | **1.6 Installation of Pd-3 partition walls** | | | | |  | |  | |
| 35 | | CD72A correct | | Flat partition walls made of PGC with thickness 75-125 mm on simple metal casing with PGC plywood in one layer on both sides without insulation, up to 4 m high (laminated chipboard 18mm, edges covered with ABS 2mm edgebanding - 17,40 m2; gypsum plasterboard gr.12,5 mm - 17,40 m2; profile UW 75; profile CW 75) | | | | | m2 | | 17,40 | |
| 36 | | Market price | | Removable Minifix with eccentric | | | | | pcs | | 35,00 | |
| 37 | | CE40A | | Assembly of skeletal elements from beams (bars) antiseptic treatment (45x70mm wooden ruler, 45x70mm, reinforcement of the door opening) | | | | | m3 | | 0,022 | |
| 38 | | CN50A | | Fire-retardant treatment of woodwork; trusses, arches, beams, rafters, rafters, staves. | | | | | m3 | | 0,022 | |
| 39 | | CG06A adaptive | | Oak or beech skirting boards, cleaned and mounted on wooden dowels fixed with brass screws in rooms with areas larger than 16 square meters, horizontal skirting boards with a maximum height of 15 cm at the walls (laminated chipboard 18mm, 57x3000mm) | | | | | m | | 21,00 | |
|  | |  | | **Total 1.6 Installation of Pd-3 partition walls** | | | | |  | |  | |
|  | |  | | **1.7 Uses** | | | | |  | |  | |
| 40 | | CK03A adaptive | | Interior wooden doors in one panel, on linings and balcony doors, including waterproof and thermal insulation of the frame, mounted on existing eaves in buildings with heights up to 35 m (door with glass laminated plywood canvas, with overlight, 2mm gr.2mm metal frame, without threshold, handle - Startec, stainless steel, model LDH2170, U-1) | | | | | m2 | | 10,50 | |
| 41 | | CK03A adaptive | | Interior wooden doors in a single frame, on linings and balcony doors, including waterproof and thermal insulation of the frame, mounted on existing eaves in buildings with heights up to 35 m (solid door with plywood laminated canvas, metal frame gr.2mm, without threshold, handle - Hafele Startec, Inox, model LDH2170, U-2) | | | | | m2 | | 3,78 | |
| 42 | | CK21A | | Doors made of aluminium profiles, including fittings and accessories necessary for doors mounted in masonry of any kind, in buildings up to 35 m high inclusive, in a frame, with a frame area up to 7 sq.m. inclusive (glass door in aluminium frame, U-3, U-4) | | | | | m2 | | 5,67 | |
| 43 | | CK21D | | Doors made of aluminium profiles, including fittings and accessories necessary for doors mounted in masonry of any kind, in buildings up to 35 m high inclusive, in two-slats, with a frame area up to 7 sq.m. inclusive (glass door in aluminum frame, U-5) | | | | | m2 | | 3,57 | |
|  | |  | | **Total 1.7 Uses** | | | | |  | |  | |
|  | |  | | **1.8 Filling above door U5** | | | | |  | |  | |
| 44 | | CD72A | | Flat partition walls made of PGC, thickness 75-125 mm on simple metal casing with PGC plywood in one layer on both sides without insulation, up to 4 m high (gypsum plasterboard gr.12,5 mm; profiles UW50/CW50) | | | | | m2 | | 1,10 | |
|  | |  | | **Total 1.8 Filling above door U5** | | | | |  | |  | |
|  | |  | | **1.9 Installing PVC interior sills** | | | | |  | |  | |
| 45 | | CK26A | | Plastic window glazing for windows and doors (PVC window sills 200mm wide) | | | | | m | | 64,00 | |
|  | |  | | **Total 1.9 Installation of PVC interior trim** | | | | |  | |  | |
|  | |  | | **2. Flooring** | | | | |  | |  | |
|  | |  | | **2.1 Ground floor** | | | | |  | |  | |
|  | |  | | **2.1.1 Tip 1** | | | | |  | |  | |
| 46 | | CG01A | | Support layer for floors made of cement mortar M 100-T 3 cm thick with a fine smooth face (gr.5,5 cm) | | | | | m2 | | 12,50 | |
| 47 | | CG01A1 k=5 | | Supporting layer for floors made of 3 cm thick M 100-T cement mortar with finely smoothened face. The difference plus or minus for each 0.5 cm of M 100-T mortar support layer is added or subtracted | | | | | m2 | | 12,50 | |
| 48 | | market price | | Perimeter tape with adhesive Tia (thickness 8 mm, h=100mm), pl.15 p.2 | | | | | m | | 12,20 | |
| 49 | | CG17D1 | | Flooring made of ceramic tiles including the supporting layer of adhesive mortar, executed on surfaces: equal to or less than 16 m2 (porcelain tiles 600\*600 gr.10 mm) | | | | | m2 | | 12,50 | |
| 50 | | CI14A | | Linear elements made of ceramic tiles applied with adhesive (porcelain stoneware plinth h=100mm) | | | | | m | | 12,20 | |
|  | |  | | **Total 2.1.1 Tip 1** | | | | |  | |  | |
|  | |  | | **2.1.2 Type 2** | | | | |  | |  | |
| 51 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 144,80 | |
| 52 | | CF50B adaptive | | Interior plastering 5 mm thick, handmade, dry-mixed plaster-based plaster, on walls and partitions, manual mortar preparation. (two-component liquid waterproofing (type Kalmatron A+B) in 2 layers, 5 mm) | | | | | m2 | | 144,80 | |
| 53 | | CF17C | | Miscellaneous works - fiberglass interlayer applied on the surface of prefabricated reinforced concrete elements bonded with aracet, including priming layer | | | | | m2 | | 144,80 | |
| 54 | | CG56A correct | | "Nivelir" self-leveling screed: thickness 10mm (levelling with adhesive for tiles gr.5 mm) | | | | | m2 | | 144,80 | |
| 55 | | CG56A1 correct k=5 | | Correction to CG56A: decrease to 1mm thickness: (levelling with tile adhesive) | | | | | m2 | | -144,80 | |
| 56 | | CG08A | | Plastic floors mounted on the existing support, cleaned, including the PVC sills, in rooms with areas larger than 16 sqm, with PVC carpet glued with prenadhesive (heterogeneous PVC carpet Tarkett type with the following properties:- anti-slip >R9; - antibacterial; - antistatic; - heavy traffic; - thickness - 2mm; - wear layer - 0,7mm; - 2m width; support profile - 83,0 m) | | | | | m2 | | 153,10 | |
|  | |  | | **Total 2.1.2 Tip 2** | | | | |  | |  | |
|  | |  | | **2.1.3 Type 3** | | | | |  | |  | |
| 57 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 84,20 | |
| 58 | | CG56A correct | | "Nivelir" self-leveling screed: thickness 10mm (levelling with adhesive for tiles gr.5 mm) | | | | | m2 | | 84,20 | |
| 59 | | CG56A1 correct k=5 | | Correction to CG56A: decrease to 1mm thickness: (levelling with tile adhesive) | | | | | m2 | | -84,20 | |
| 60 | | CG08A | | Plastic floors mounted on the existing support, cleaned, including the PVC sills, in rooms with areas larger than 16 sqm, with PVC carpet glued with prenadhesive (heterogeneous PVC carpet Tarkett type with the following properties:- anti-slip >R9; - antibacterial; - antistatic; - heavy traffic; - thickness - 2mm; - wear layer - 0,7mm; - 2m width; support profile - 41,80 m) | | | | | m2 | | 88,38 | |
|  | |  | | **Total 2.1.3 Type 3** | | | | |  | |  | |
|  | |  | | **2.1.4 Floor 2. Type 4** | | | | |  | |  | |
| 61 | | CG56A correct | | Self-leveling screed "Nivelir": thickness 10mm (levelling with adhesive for tiles gr.12 mm) | | | | | m2 | | 10,10 | |
| 62 | | CG56A1 correct k=2 | | Correction to CG56A: decrease to 1mm thickness: (levelling with tile adhesive) | | | | | m2 | | 10,10 | |
| 63 | | CG17D1 | | Flooring made of ceramic tiles including the supporting layer of adhesive mortar, executed on surfaces: equal to or less than 16 m2 (porcelain tiles 600\*600 gr.10 mm) | | | | | m2 | | 10,10 | |
| 64 | | CI14A | | Linear elements made of ceramic tiles applied with adhesive (porcelain stoneware plinth h=100mm) | | | | | m | | 12,50 | |
|  | |  | | **Total 2.1.4 2nd Floor. Type 4** | | | | |  | |  | |
|  | |  | | **3. Interior finishing**  **3.1 Ceiling** | | | | |  | |  | |
| 65 | | CK29F | | Suspended ceilings made of prefabricated "Armstrong" panels, including grid-system (Sahara Vector type (semi-concealed structure, Sahara Vector type boards (600\*600\*19mm)) | | | | | m2 | | 428,70 | |
| 66 | | СF59D | | Surface cladding with a layer of PGC with execution of simple flat metal casing, up to 4 m high: ceilings without insulation (plasterboard gr.9,5 mm) | | | | | m2 | | 133,30 | |
| 67 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 133,30 | |
| 68 | | CF57A | | Manual application of 1.0 mm thick 'Eurofin' plaster-based grout on wall, column and ceiling surfaces | | | | | m2 | | 133,30 | |
| 69 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 133,30 | |
| 70 | | CN06A | | Interior painting with paint based on vinyl copolymers in aqueous emulsion, applied in 2 coats on existing plaster, executed by hand (acrylic paint with enhanced washability) | | | | | m2 | | 133,30 | |
| 71 | | RpIzA03A | | Preparing plastered or unplastered concrete or metal surfaces for corrosion protection by cleaning with a wire brush | | | | | m2 | | 12,00 | |
| 72 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 12,00 | |
| 73 | | CF17C | | Miscellaneous works - fiberglass interlayer applied on the surface of prefabricated reinforced concrete elements bonded with aracet, including priming layer | | | | | m2 | | 12,00 | |
| 74 | | CF52B | | Interior plastering of 5 mm thickness, hand-made, dry-mixed plaster-based plaster on ceilings, hand-mixed mortar (plaster-based mortar) | | | | | m2 | | 12,00 | |
| 75 | | CF57A | | Manual application of 1.0 mm thick 'Eurofin' plaster-based grout on wall, column and ceiling surfaces | | | | | m2 | | 12,00 | |
| 76 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 12,00 | |
| 77 | | CN06A | | Interior painting with paint based on vinyl copolymers in aqueous emulsion, applied in 2 coats on existing plaster, executed by hand (acrylic paint with enhanced washability) | | | | | m2 | | 12,00 | |
|  | |  | | **Total 3.1 Ceiling** | | | | |  | |  | |
|  | |  | | **3.2 Wall**  **3.2.1 Detail "1"** | | | | |  | |  | |
| 78 | | CF05A | | Interior plastering of 3 cm thickness, executed on a roughcast, smooth, sanded, with cement-lime mortar brand M 100-T for the render, cement-lime mortar brand M 50-T for the primer and lime-cement mortar brand M 10-T for the visible layer, executed by hand on straight surfaces, including the installation of steel reinforcement and the bracket, applied to the walls (5 cm) | | | | | m2 | | 209,40 | |
| 79 | | CF17B k=4 | | Miscellaneous works - difference in thickness, +- 5 mm in the layer of primer applied to the walls, executed with M100 mortar | | | | | m2 | | 209,40 | |
| 80 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 209,40 | |
| 81 | | CF17C | | Miscellaneous works - fiberglass interlayer applied on the surface of prefabricated reinforced concrete elements bonded with aracet, including priming layer | | | | | m2 | | 209,40 | |
| 82 | | CF50B | | Interior plastering of 5 mm thickness, handmade, dry-mixed plaster-based plaster, on walls and partitions, manual mortar preparation. (plaster-based mortar) | | | | | m2 | | 209,40 | |
| 83 | | CF57A | | Manual application of 1.0 mm thick 'Eurofin' plaster-based grout on wall, column and ceiling surfaces | | | | | m2 | | 209,40 | |
| 84 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 209,40 | |
| 85 | | CN06A | | Interior painting with paint based on vinyl copolymers in aqueous emulsion, applied in 2 coats on existing plaster, executed by hand (acrylic paint with enhanced washability) | | | | | m2 | | 209,40 | |
|  | |  | | **Total 3.2.1 Detail '1'** | | | | |  | |  | |
|  | |  | | **3.2.2 Detail "2"** | | | | |  | |  | |
| 86 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 464,60 | |
| 87 | | CF17C | | Miscellaneous works - fiberglass interlayer applied on the surface of prefabricated reinforced concrete elements bonded with aracet, including priming layer | | | | | m2 | | 464,60 | |
| 88 | | CF50B | | Interior plastering of 5 mm thickness, handmade, with dry plaster-based mixture, on walls and partitions, manual preparation of mortar. (plaster-based mortar gr.20 mm) | | | | | m2 | | 464,60 | |
| 89 | | CF51B k=15 | | Interior plastering of 5 mm thickness, handmade, dry-mixed plaster-based plaster, on walls and partitions, manual preparation of mortar. Difference plus or minus 1,0 mm for each 1,0 mm (to be added to or subtracted from item CF50) (plaster-based mortar) | | | | | m2 | | 464,60 | |
| 90 | | CF57A | | Manual application of 1.0 mm thick 'Eurofin' plaster-based grout on wall, column and ceiling surfaces | | | | | m2 | | 464,60 | |
| 91 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 464,60 | |
| 92 | | CN06A | | Interior painting with paint based on vinyl copolymers in aqueous emulsion, applied in 2 coats on existing plaster, executed by hand (acrylic paint with enhanced washability) | | | | | m2 | | 464,60 | |
|  | |  | | **Total 3.2.2 Detail "2"** | | | | |  | |  | |
|  | |  | | **3.2.3 Detail "3"** | | | | |  | |  | |
| 93 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 78,90 | |
| 94 | | CF57A | | Manual application of 1.0 mm thick 'Eurofin' plaster-based grout on wall, column and ceiling surfaces | | | | | m2 | | 78,90 | |
| 95 | | CN53A | | Grinding interior surfaces of walls and ceilings | | | | | m2 | | 78,90 | |
| 96 | | CN06A | | Interior painting with paint based on vinyl copolymers in aqueous emulsion, applied in 2 coats on existing plaster, executed by hand (acrylic paint with enhanced washability) | | | | | m2 | | 78,90 | |
|  | |  | | **Total 3.2.3 Detail "3"** | | | | |  | |  | |
|  | |  | | **3.2.4 Tiling around sinks** | | | | |  | |  | |
| 97 | | CI06C | | Glazed, unglazed, unglazed, matt or glossy porcelain stoneware tiles with tiles of the same color and format with dimensions from 15 x 15 cm up to 30 x 30 cm, executed on flat surfaces on walls and wall tiles, including glazes and grooves, with alternating joints, in rooms with a surface area of more than 10 sqm, fixed with adhesive for the installation of tiles (light colored porcelain stoneware tiles, format 1200x600) | | | | | m2 | | 11,14 | |
|  | |  | | **Total 3.2.4 Detail Tiling around sinks** | | | | |  | |  | |
|  | |  | | **3.2.5 Reinforcement of glazed corners** | | | | |  | |  | |
| 98 | | CK18C | | Fitting aluminum battens to aluminum wainscoting (perforated aluminum collars) | | | | | m | | 132,00 | |
| 99 | | CK32B | | Blinds (shutters) for windows, venetian blinds made of anodized aluminum, including accessories / Roller blinds made of textile material, fixed on the glass profile, color RAL 9016, 50% transparency | | | | | m2 | | 115,000 | |
|  | |  | | **Total 3.2.5 Reinforcement of glazed corners** | | | | |  | |  | |
|  | |  | | **Total 3. Interior finishing** | | | | |  | |  | |
|  | |  | | **Total** | | | | |  | |  | |
|  |  | |  | |  | |  | | |  | |  |
|  |  | |  | |  | |  | | |  | |  |
|  | |  | | Total | | lei | |  | |  |  | |
|  | |  | | Social insurance | | 24 % | |  | |  |  | |
|  | |  | | Transportation costs | | % | |  | |  |  | |
|  | |  | | Supply and storage expenses | | % | |  | |  |  | |
|  | |  | | Total | |  | |  | |  |  | |
|  | |  | | Director's expenses | | % | |  | |  |  | |
|  | |  | | Total | |  | |  | |  |  | |
|  | |  | | Benefit of the quote | | % | |  | |  |  | |
|  | |  | | Total | |  | |  | |  |  | |
|  | |  | | **Total**  **Including salary** | | | | | | | | |

|  |  |
| --- | --- |
| ***Interior repair works and modernization of science classrooms in Theoretical Lyceum ''Mihail Ceachir'' from Ceadir-Lunga*** |  |
| (name of the objective) |  |

***List of quantities of works***

**DEVIZ LOCAL № 0258 0131 - 2-1-2**

*Retele interioare de alimentare cu apa si canalizare (RAC)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| №  crt. | Simbol norme şi Cod resurse | Lucrări şi cheltuieli | U.M. | Cantitate conform datelor din proiect |
|

| 1 | 2 | 3 | 4 | 5 |
| --- | --- | --- | --- | --- |
|  |  | 1. **Demontari** |  |  |
| 1 | RpSC05A | Demontarea unui lavoar de faianta, inclusiv accesoriile | buc | 2,00 |
| 2 | RpSD02A | Demontarea unei baterii de perete cu D=1/2" pentru functionari multiple | buc | 2,00 |
| 3 | RpSA04A | Demontarea tevii din policrorura de vinil (PVC) neplastifiat tip greu existenta in interiorul cladirii, la legaturi, coloane, sau conducte de distributie, avind diametru de 20 mm | m | 13,00 |
| 4 | RpSB03A | Demontarea tevii din polocrorura de vinil (PVC) neplastifiat tip usor avind diametru de 50 mm | m | 12,00 |
|  |  | **Total 1. Demontari** |  |  |
|  |  | 1. **Lucrari sanitare apa/canalizare** |  |  |
| 5 | SD19A | Robinet de retinere cu venti drept cu mufe filetate, avind diametrul 15 mm (шаровой кран) | buc | 3,00 |
| 6 | SD19A | Robinet de retinere cu venti drept cu mufe filetate, avind diametrul 20 mm (шаровой кран) | buc | 1,00 |
| 7 | SA17C | Teava din material plastic imbinata prin sudura prin polifuziune, in conducte de distributie, la cladiri de locuit si social culturale, avind diametrul de 40x2,0 mm (teava polipropilena PP-R PN10) | m | 20,00 |
| 8 | SA17A | Teava din material plastic imbinata prin sudura prin polifuziune, in conducte de distributie, la cladiri de locuit si social culturale, avind diametrul de 25x2,0 mm (teava polipropilena PP-R PN10) | m | 16,00 |
| 9 | SA17A | Teava din material plastic imbinata prin sudura prin polifuziune, in conducte de distributie, la cladiri de locuit si social culturale, avind diametrul de 20x2,0 mm (teava polipropilena PP-R PN10) | m | 15,00 |
| 10 | SF01C | Efectuarea probei de etansare la presiune a instalatiei de apa calda sau rece executata din teava din policlorura de vinil tip greu sau din material plastic, avind diametrul de 16-110 mm | m | 51,00 |
| 11 | SF05C | Spalarea instalatiei de apa rece sau calda, executata din tevi din material plastic, avind diametrul de 20-75 mm | m | 51,00 |
| 12 | RpIF09C1 | Izolarea conductelor cu mansoane termoizolante taiate longitudinal avind diametrul si grosimea de la D=20 mm (теплоизоляционные трубки AF-D-022) | m | 15,00 |
| 13 | RpIF09C1 | Izolarea conductelor cu mansoane termoizolante taiate longitudinal avind diametrul si grosimea de la D=25 mm (теплоизоляционные трубки AF-D-022) | m | 16,00 |
| 14 | RpIF09C1 | Izolarea conductelor cu mansoane termoizolante taiate longitudinal avind diametrul si grosimea de la D=40 mm (теплоизоляционные трубки AF-D-022) | m | 20,00 |
| 15 | SA37E | Bratara pentru fixarea conductelor de alimentare cu apa si gaze, din otel sau PVC montata prin incastrare, conductele avind diametrul de 40 mm | buc | 6,00 |
| 16 | SA37C | Bratara pentru fixarea conductelor de alimentare cu apa si gaze, din otel sau PVC montata prin incastrare, conductele avind diametrul de 25 mm | buc | 6,00 |
| 17 | SA37B | Bratara pentru fixarea conductelor de alimentare cu apa si gaze, din otel sau PVC montata prin incastrare, conductele avind diametrul de 20 mm | buc | 3,00 |
| 18 | SD04A | Baterie amestecatoare cu brat basculant stativa pentru lavoar sau spalator, indiferent de modul de inchidere, inclusiv pentru handicapati, avind diametrul de 1/2" (смеситель для умывальника) | buc | 3,00 |
| 19 | SB05E | Teava din PVC neplastifiata tip usor(U) pentru canalizare, imbinata prin lipire , montata aparent sau ingropata sub pardoseala, avind diametrul de 110 mm | m | 7,00 |
| 20 | SB05C | Teava din PVC neplastifiata tip usor(U) pentru canalizare, imbinata prin lipire, montata aparent sau ingropata sub pardoseala, avind diametrul de 50 mm | m | 26,00 |
| 21 | SF04A | Efectuarea probei de etanseitate si functionare a instalatiei de canalizare executata din tuburi de fonta, pentru scurgere, teava de policlorura de vinil, neplastifiata, tip usor sau din material plastic, fonta ductila teava avind diametrul de pina la 100 mm inclusiv | 10 m | 3,30 |
| 22 | SC04A | Lavoar din semiportelan, portelan sanitar etc. inclusiv pentru handicapati, avind teava de scurgere din material plastic, montat pe console fixate pe pereti din zidarie de caramida sau b.c.a. (умывальник керамический с сифон бутылочным пластмассовым) | buc | 4,00 |
| 23 | SA40A | Instalarea mufelor antiincendiare cu fixare la plafonul planseului cu dibluri 50 mm (противопожарная манжета) | buc | 8,00 |
|  |  | **Total 2. Lucrari sanitare apa/canalizare** |  |  |
|  |  | *Total* | lei |  |
|  |  | *Asigurari sociale* | 24 % |  |
|  |  | *Cheltueli de transport* | % |  |
|  |  | Cheltuieli de aprovizionare-depozitare | % |  |
|  |  | *Total* |  |  |
|  |  | *Cheltueli de regie* | % |  |
|  |  | *Total* |  |  |
|  |  | *Beneficiu de deviz* | % |  |
|  |  | *Total* |  |  |
|  |  | **Total Lucrari de constructie** |  |  |
|  |  | **3. Lucrari de montare** |  |  |
| 24 | SD04A adaptiv | Baterie amestecatoare cu brat basculant stativa pentru lavoar sau spalator, indiferent de modul de inchidere, inclusiv pentru handicapati, avind diametrul de 1/2" (проточный водонагреватель 3,5 kWh) | buc | 3,00 |
|  |  | *Total* | lei |  |
|  |  | *Asigurari sociale* | 24 % |  |
|  |  | *Cheltueli de transport* | % |  |
|  |  | Cheltuieli de aprovizionare-depozitare | % |  |
|  |  | *Total* |  |  |
|  |  | *Cheltueli de regie* | % |  |
|  |  | *Total* |  |  |
|  |  | *Beneficiu de deviz* | % |  |
|  |  | *Total* |  |  |
|  |  | **Total 2 Lucrari de montare** |  |  |
|  |  | **3. Utilaj** |  |  |
| 25 | Pret de piata | Проточный водонагреватель 3,5 kWh | buc | 3,00 |
|  |  | Total |  |  |
|  |  | *Cheltueli de aprovizionare-depozitare* | 1,2 % |  |
|  |  | **Total 3. Utilaj** |  |  |
|  |  |  |  |  |
|  |  | **Total**  **Inclusiv salariu** |  |  |

|  |  |
| --- | --- |
| ***Interior repair works and modernization of science classrooms in Theoretical Lyceum ''Mihail Ceachir'' from Ceadir-Lunga*** |  |
| (name of the objective) |  |

***List of quantities of works***

**DEVIZ LOCAL № 0258 0191 – 6-1**

*External sewerage networks (RAC)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| №  crt. | Rules symbol and Resource Code | Work and expenditure | U.M. | Quantity according to project data |
|
| 1 | 2 | 3 | 4 | 5 |
|  |  | **1. Construction works** |  |  |
| 1 | TsC03B1 | Mechanical digging with excavator of 0,40-0,70 cubic meters, with internal combustion engine and hydraulic control, in soil with natural humidity, unloading in land deposit catg. II | 100 m3 | 0,52 |
| 2 | TsA20B | Manual digging of earth, in slopes, on excavator or screper excavated deblee, to complete the excavation at the slope profile, in medium terrain | m3 | 0,02 |
| 3 | TsD02A1 | Spreading of the topsoil coming from category I or II land, carried out with a bulldozer on a tractor with 65-80 HP tracks, in layers with a thickness of 15-20 cm | 100 m3 | 0,39 |
| 4 | TsD05A | Compacting with a 150-200 kg mechanical rammer the fillings in successive layers of 20-30 cm thickness, excluding the watering of each layer, the fillings being made of non-cohesive soil | 100 m3 | 0,39 |
| 5 | TsD01B | Spreading with a shovel of the loam in uniform layers, 10-30 cm thick, by a throw of up to 3 m from the gram, including the breaking of the clods, the soil coming from the middle ground | m3 | 9,70 |
| 6 | TsD04B | Compacting with a hand hammer the backfills made in horizontal or 1/4 inclined excavations, including watering each layer of soil, with 10 cm thick cohesive soil | m3 | 9,70 |
| 7 | AcE13A | Execution of manholes made of precast reinforced concrete elements for sewage, circular (annular) with a diameter of 1.0 m, in land without groundwater | m3 | 2,56 |
| 8 | AcE13A1 | Precast reinforced concrete elements of circular (annular) manholes with a diameter of 1.0 m for sewage in the ground without groundwater. Note: the resource with norm 0,00 (zero) is taken according to the project КЦД-10 | pcs | 4,00 |
| 9 | AcE13A1 | Precast reinforced concrete elements of circular (annular) manholes with a diameter of 1.0 m, for sewerage in land without groundwater. Note: the resource with norm 0,00 (zero) is taken according to the project КЦ-10-3 | pcs | 4,00 |
| 10 | AcE13A1 | Precast reinforced concrete elements of circular (annular) manholes with a diameter of 1.0 m, for sewerage in land without groundwater. Note: the resource with norm 0,00 (zero) is taken according to the project КЦ-10-9 | pcs | 4,00 |
| 11 | AcE13A1 | Precast reinforced concrete elements of circular (annular) manholes with a diameter of 1.0 m, for sewerage in land without groundwater. Note: the resource with norm 0,00 (zero) is taken according to the project КЦП1-10-1 | pcs | 4,00 |
| 12 | AcE13A1 | Precast reinforced concrete elements of circular (annular) manholes with a diameter of 1.0 m, for sewerage in land without groundwater. Note: the resource with norm 0,00 (zero) is taken according to the project КЦ-7-3 | pcs | 4,00 |
| 13 | CD50A | Simple brick masonry, size 250 x 120 x 65 on exterior walls up to 4 m high | m3 | 0,10 |
| 14 | AcE13A1 | Precast reinforced concrete elements of circular (annular) manholes with a diameter of 1.0 m for sewage in the ground without groundwater. Note: the 0,00 (zero) norm is taken according to the project люк "Л" | pcs | 4,00 |
| 15 | Market price | Ladder with steel forks | kg | 64,80 |
| 16 | IzD05A | Manual priming with a coat of lead minium paint on technological machinery. | t | 0,065 |
| 17 | IzD04A | Painting of metal structures and constructions with oil paint in 2 coats, made of profiles, with thicknesses between 8 mm and 12 mm inclusive, with a hand brush | t | 0,065 |
| 18 | TsC54B | Crushed stone foundation layer | m3 | 0,76 |
| 19 | DB16A | Asphalt concrete asphalt paving with small aggregates, hot-mixed, 2.5 cm thick, with manual asphalt paving | m2 | 7,60 |
| 20 | AcA07B | Installation of PVC type 4(G) or 3(M) pipes with a diameter of 110 mm (PVC SN8) in the ground, outside buildings. | m | 10,00 |
| 21 | AcA07B | Installation of PVC type 4(G) or 3(M) pipes with a diameter of 160 mm (PVC SN8) in the ground, outside buildings. | m | 102,00 |
| 22 | TsC54A | Sand foundation layer | m3 | 10,00 |
| 23 | TsC54B | Crushed stone foundation layer | m3 | 15,00 |
| 24 | DB16D k=1.25 | Asphalt concrete asphalt paving with fine aggregates, hot-mixed, in 5.0 cm thickness, with manual asphalt dressing | m2 | 100,00 |
| 25 | Dl107 | Priming of base course surfaces in order to apply a layer of asphalt concrete | t | 0,08 |
|  |  | **Total 1. Construction works** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | Total |  |  |
|  |  | **Total Construction work** |  |  |
|  |  |  |  |  |
|  |  | **Total**  **Including salary** |  |  |

|  |  |
| --- | --- |
| ***Interior repair works and modernization of science classrooms in Theoretical Lyceum ''Mihail Ceachir'' from Ceadir-Lunga*** |  |
| (name of the objective) |  |

***List of quantities of works***

**DEVIZ LOCAL № 0258 0154 - 2-1-3**

*Heating, ventilation, air conditioning (HVAC)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| №  crt. | Rules symbol and Resource Code | Work and expenditure | U.M. | Quantity according to project data |
|
| 1 | 2 | 3 | 4 | 5 |
|  |  | **1.1 Heating - Dismantling** |  |  |
| 1 | RpIB11A | Removal of position radiators for dismantling | m2 | 58,90 |
| 2 | RpIB11D | Dismantling of heating registers with horizontal or vertical steel pipe ducts with 4-7 pipes | pcs | 2,00 |
| 3 | RpIB11C | Dismantling brackets or supporting devices for dismantling | pcs | 96,00 |
| 4 | RpIB11C | Dismantling brackets or supporting devices for dismantling | pcs | 2,00 |
| 5 | RpIC19A | Dismantling of black pipes, for installations, installed in central heating by welding, in residential and social-cultural buildings, for connecting appliances, distribution columns, etc. with a diameter of 3/4". | m | 136,00 |
| 6 | RpIC19B | Dismantling of black pipes, for installations, installed in central heating by welding, in residential and social-cultural buildings, for connecting appliances, distribution columns, etc. with a diameter of 1 1/4". | m | 26,00 |
| 7 | RpIC19C | Dismantling of black pipes, for installations, installed in central heating by welding, in residential and social-cultural buildings, for connecting appliances, distribution columns, etc. with a diameter of 1 1/2". | m | 82,00 |
|  |  | **Total 1. Heating - Dismantling** |  |  |
|  |  | **1. 2 Heating** |  |  |
| 8 | IB06A | Steel radiators, monobloc up to and including 1000 mm in length (steel radiator complete with air valve Type 33K/900/600, "Vonova") | pcs | 1,00 |
| 9 | IB06C | Steel radiator complete with air valve Type 33K/400/1600, "Vonova" (steel radiator complete with air valve Type 33K/400/1600, "Vonova") | pcs | 7,00 |
| 10 | IB06C | Steel radiator complete with air valve Type 22K/400/1800, "Vonova" (steel radiator complete with air valve Type 22K/400/1800, "Vonova") | pcs | 1,00 |
| 11 | IB06C | Steel radiator complete with air valve Type 22K/400/1600, "Vonova" (steel radiator complete with air valve Type 22K/400/1600, "Vonova") | pcs | 7,00 |
| 12 | IB06B | Steel radiator complete with air valve Type 22K/400/1400, "Vonova" (steel radiator complete with air valve Type 22K/400/1400, "Vonova") | pcs | 1,00 |
| 13 | IB06B | Steel radiator complete with air valve Type 22K/400/1320, "Vonova" (steel radiator complete with air valve Type 22K/400/1320, "Vonova") | pcs | 4,00 |
| 14 | IB06B | One-piece steel radiators with a length of 1001 - 1500 mm (steel radiator complete with air valve Type 22K/400/1200, “Vonova”) | pcs | 2,00 |
| 15 | IB06B | One-piece steel radiators with the length of 1001 - 1500 mm (steel radiator complete with air valve Type 22K/400/1120, “Vonova”) | pcs | 2,00 |
| 16 | IB06A | One-piece steel radiators up to 1000 mm in length, including (steel radiator complete with air valve Type 22K/400/1000, ''Vonova'') | pcs | 1,00 |
| 17 | IB06A | One-piece steel radiators up to 1000 mm in length, including (steel radiator complete with air valve Type 22K/400/920, Vonova) | pcs | 1,00 |
| 18 | IB06A | One-piece steel radiators up to 1000 mm in length, including (steel radiator complete with air valve Type 22K/400/720, Vonova) | pcs | 1,00 |
| 19 | IB20A | Support elements for heating elements, mounted on brick wall. | pcs | 28,00 |
| 20 | ID06A | Aeration valve with mobile key for central heating installations, with nominal diameter 3/8'' (radiator vent) | pcs | 28,00 |
| 21 | ID04A | Stop cock or stop cock with plugs for central heating installations, nominal diameter 15 mm (radiator plug) | pcs | 28,00 |
| 22 | ID04A | Stop cock or stop cock with plugs for central heating installations, nominal diameter 20 mm (shut-off valve with drain cock) | pcs | 14,00 |
| 23 | IC53A | U2 Dutch U2 fitting, black, 3/8" ...1/2" diameter (hose connection) | pcs | 2,00 |
| 24 | Market price | Rubber-fabric hose, dy25, L=50м | pcs | 2,00 |
| 25 | IC35C | Pipe made of reinforced high-density polyethylene or reinforced or unreinforced polypropylene, mounted, at the connection of heating bodies or appliances, in central heating installations, having an external diameter of 25x3,5 (dy18,0) mm (PP-RCT STABI PLUS PN28 (with oxygen barrier layer)) | m | 100,00 |
| 26 | IC36D | Reinforced high density polyethylene or reinforced or unreinforced polypropylene pipe, mounted in columns in central heating installations, having an external diameter of 40x5,5 (dy29,0) mm (PP-RCT STABI PLUS PN28 polypropylene pipe PP-RCT STABI PLUS PN28 (with oxygen barrier layer)) | m | 28,00 |
| 27 | IC36E | Reinforced high density polyethylene or reinforced or unreinforced polypropylene pipe, mounted in columns in central heating installations, having an external diameter of 50x6,9 (dy36,2) mm (PP-RCT STABI PLUS PN28 PP-RCT STABI PLUS polypropylene pipe PN28 (with oxygen barrier layer)) | m | 17,00 |
| 28 | IC36F | Reinforced high-density polyethylene or reinforced or unreinforced polypropylene pipe, mounted in columns in central heating installations, having an external diameter of 63x8,6 (dy45,8) mm (polypropylene pipe PP-RCT STABI PLUS PN28 (with oxygen barrier layer)) | m | 21,00 |
| 29 | IE03A | Pressure tightness testing of the supply pipes of heating appliances (unit heaters, convection heaters, baseboard convectors, etc.) with a diameter of 3/8" ... 1" | m | 100,00 |
| 30 | IE03B | Pressure tightness testing of the supply pipes of heating appliances (unit heaters, convector heaters, baseboard convectors, etc.) with a diameter of 1 1/4" ... 2" | m | 45,00 |
| 31 | IE03C | Pressure tightness testing of the supply pipes of heating appliances (unit heaters, convector heaters, baseboard convectors, etc.) with a diameter of 54 x 3,5 ... 83 x 3,5 mm | m | 21,00 |
| 32 | IE04A | Performing the expansion and contraction test and functional test of the supply pipes of heating appliances (unit heaters, convector heaters, baseboard convectors, etc.) with a diameter of 3/8" ... 1" | m | 100,00 |
| 33 | IE04B | Performing the expansion and contraction and function test of the supply pipes of heating appliances (unit heaters, convector heaters, baseboard convectors, etc.) with a diameter of 1 1/4" ... 2" | m | 45,00 |
| 34 | IE04C | Performing expansion, contraction and function tests on the supply pipes of heating appliances (unit heaters, convection heaters, baseboard convectors, etc.) with a diameter of 54 x 3.5 ... 83 x 3.5 mm | m | 21,00 |
| 35 | IC35C | Pipe made of reinforced high-density polyethylene or reinforced or unreinforced polypropylene, fitted, at the connection of heating bodies or appliances, in central heating installations, with an external diameter of 25x3,5 (dy18,0) mm (polypropylene pipe PP-RCT STABI PLUS PN28 (c (with oxygen barrier layer), fittings 40 %) | m | 40,00 |
| 36 | IC36D | Reinforced high-density polyethylene or reinforced or unreinforced polypropylene pipe, mounted in columns in central heating installations, having an external diameter of 40x5,5 (dy29,0) mm (with oxygen barrier layer), fittings 40%) | m | 11,20 |
| 37 | IC36E | Pipe made of reinforced high-density polyethylene or reinforced or unreinforced polypropylene, mounted in columns in central heating installations, having an external diameter of 50x6,9 (dy36,2) mm (PP-RCT STABI PLUS PN28 (with oxygen barrier layer), fitting 40%) | m | 6,80 |
| 38 | IC36F | Pipe made of reinforced high density polyethylene or reinforced or unarmored polypropylene, mounted in columns in central heating installations, having an external diameter of 63x8,6 (dy45,8) mm (PP-RCT STABI PLUS PN28 (with oxygen barrier layer), fittings 40%) | m | 8,40 |
| 39 | IC38F | Fitting, with 2 joints, made of polypropylene polyfusion joined with reinforced polypropylene pipe, having an external diameter of 63x8,6(dy 45.8)/50 mm (adapter from polypropylene to metal pipe) | pcs | 2,00 |
| 40 | CK26C | Sills fitted to windows or doors made of plastics (decorative box for laying polypropylene pipes) | m | 70,00 |
| 41 | IC44A | Manufacture, installation and cementing of the protective pipe for the passage of pipes through walls, the pipe having a diameter of 40 mm (L=0,40 m) | pcs | 16,00 |
| 42 | IC42A | Supports and fixtures for supporting pipes, boilers, appliances and vessels, weighing up to 2 kg / piece | kg | 110,00 |
|  |  | **Total 1.2 Heating** |  |  |
|  |  | **Total Heating works** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | Total |  |  |
|  |  | **Total Heating works** |  |  |
|  |  | **2. Ventilation** |  |  |
|  |  | **2.1 Sanitary works** **A.1** |  |  |
| 43 | IC40F adaptive | Bracket for fastening steel pipes for central heating or gas installation, mounted through 2 1/2" - 4" dowels, on expansion dowels, on concrete wall (quick-release clamp FK250) | pcs | 2,00 |
| 44 | VB01A | Butterfly valve, butterfly, mounted on circular channels type CFC-I, CFC-II, with perimeter 800 - 1600 mm (check valve RSK250) | pcs | 1,00 |
| 45 | VB27B | Protective cap, for circular ducts with perimeter 700 - 1600 mm (stainless steel umbrella in insulation 0,7mm, Dn250 mm) | pcs | 1,00 |
| 46 | VA02E | Manufacture and installation of straight ventilation ducts, made of galvanized sheet metal or aluminum 0.3 - 2 mm thick, with circular section perimeter of 250 - 700 mm (stainless steel sheet gr.0.5mm) | m2 | 5,50 |
| 47 | VA13F | Special piece (elbow), made of galvanized sheet metal or aluminum of 0.5 - 2 mm thickness inclusive, with a perimeter of the circular section of 250 mm (stainless sheet 0.5 mm) | m2 | 0,78 |
|  |  | **Total 2.1 Sanitary works A.1** |  |  |
|  |  | **2.2 Sanitary works A.2,** |  |  |
| 48 | IC40F adaptive | Bracket for fastening steel pipes for central heating or gas installation, mounted through 2 1/2" - 4" dowels, on expansion dowels, on concrete wall ((quick-release clamp FK100) | pcs | 2,00 |
| 49 | VB01A | Butterfly valve, butterfly, mounted on circular channels type CFC-I, CFC-II, with perimeter 800 - 1600 mm (check valve RSK100) | pcs | 1,00 |
| 50 | VB27A | Protective cap, for circular ducts with perimeter 230 - 700 mm (umbrella made of galvanized sheet steel 0,7 mm, Dn100 mm) | pcs | 1,00 |
| 51 | VB15A | Ready-made frame with simultaneously adjustable blinds, perimeter 800 - 2500 mm, mounted on masonry (masonry (RAG 150x150 grid) | pcs | 1,00 |
| 52 | VA02E | Manufacture and installation of straight ventilation ducts, made of galvanized sheet metal or aluminum of 0.3 - 2 mm thickness, with a perimeter of the circular section of 250 - 700 mm (galvanized sheet metal gr.0.5mm) | m2 | 1,57 |
| 53 | VA13F | Special piece (elbow), made of galvanized sheet metal or aluminum of 0.5 - 2 mm thickness inclusive, with a perimeter of the circular section of 100 mm (galvanized sheet 0.5 mm) | m2 | 0,48 |
| 54 | VA17F | Special piece (reduction), made of galvanized or aluminum sheet of 0,5 - 2 mm thickness, with a perimeter of the circular section of 100/150x150 mm (galvanized sheet 0,5 mm) | m2 | 0,15 |
| 55 | VB15B | Ready-made frame with simultaneously adjustable blinds, perimeter 800 - 2500 mm, mounted on the channel (door grille MV450/2) | pcs | 3,00 |
|  |  | **Total 2.2 Sanitary works A.2** |  |  |
|  |  | **2.3 Thermal insulation ventilation ducts** |  |  |
| 56 | IzH05B | Insulation of pipes with glass wool, mineral wool type I or type P mats sewn on one side, on galvanized steel wire, made on site, with a thickness of 20; 30; 40; 50 or 60 mm, for pipes with a circumference over the thermal insulation exceeding 30 mm (ISOTEC KIM-AL 50 mm) | m2 | 1,60 |
|  |  | **Total 2.3 Thermal insulation ventilation ducts** |  |  |
|  |  | **Total 2. Ventilation - Plumbing, thermal insulation** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | Total |  |  |
|  |  | **Total 2. Ventilation - Plumbing, thermal insulation** |  |  |
|  |  | **3. Ventilation Installation work** |  |  |
|  |  | **3.1. RA3 - RA9, RA11- RA20** |  |  |
| 57 | VC37D | Installation of domestic air conditioners (split-system) motor power up to 8.5 kw, from stairs (supply and exhaust ventilation systems with heat recovery) | pcs | 17,00 |
|  |  | **Total 3.1 RA3 - RA9, RA11- RA20** |  |  |
|  |  | **3.2. RA1, RA2, RA10** |  |  |
| 58 | VC37D | Installation of domestic air conditioners (split-system) motor power up to 8.5 kw, from stairs (supply and exhaust ventilation systems with heat recovery) | pcs | 3,00 |
|  |  | **Total 3.2 RA1, RA2, RA10** |  |  |
|  |  | **3.3. A2** |  |  |
| 59 | VC05A | Installation of axial fans, with leaf - cloverleaf blades, in explosion-proof construction, axial, low pressure, both directly driven with coupling, with a flow rate of 2000-10.800 mc/h with electric motor of 0,37 - 1,1 kw (K100EC sileo fan) | pcs | 1,00 |
| 60 | VB18A | Noise meter, rectangular, perimeter 1000 - 2000 mm (sound attenuator LDC 100-900) | pcs | 1,00 |
|  |  | **Total 3.3 A 2** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | Total |  |  |
|  |  | **Total 3. Ventilation mounting works** |  |  |
|  |  | **4. Equipment** |  |  |
|  |  | **4.1 RA3 - RA9, RA11- RA20** |  |  |
| 61 | Market price | Supply and exhaust ventilation systems with heat recovery, Climtec RD 200+standard | set | 17,00 |
|  |  | **4.2 RA1, RA2, RA10** |  |  |
| 62 | Market price | Supply and exhaust ventilation systems with heat recovery, Climtec RD 150+standard | set | 3,00 |
|  |  | **4.3. A2** |  |  |
| 63 | Market price | Fan L=55m3/hour; H=300Pa; N=0,084kW; n=3300rpm, K100EC sileo | pcs | 1,00 |
| 64 | Market price | Regulator, RE1.5 | pcs | 1,00 |
| 65 | Market price | Silencer LDC 100-900 | pcs | 1,00 |
|  |  | **4.4 Conditioning** |  |  |
| 66 | Market price | Air cooler L=1000 m3/hour, evaporation capacity - 2.8 l/hour, V tank=60l, -220-240V/50Hz, N=125w, TROTEC AIR COOLER PAE 81 | pcs | 4,00 |
|  |  | **Total 4. Equipment** |  |  |
|  |  | Total | lei |  |
|  |  | Supply and storage expenses | 1,2 % |  |
|  |  | **Total 4. Equipment** |  |  |
|  |  | **Total**  **Including salary** |  |  |

|  |  |
| --- | --- |
| ***Interior repair works and modernization of science classrooms in Theoretical Lyceum ''Mihail Ceachir'' from Ceadir-Lunga*** |  |
| (name of the objective) |  |

***List of quantities of works***

**DEVIZ LOCAL № 0258 0161 - 2-1-4**

*Electrical power equipment.* *Interior electric lighting (EEF/IEI)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| №  crt. | Rules symbol and Resource Code | Work and expenditure | U.M. | Quantity according to project data |
|
| 1 | 2 | 3 | 4 | 5 |
|  |  | **1. Construction works** |  |  |
| 1 | RpCU05F1 | Execution of pulling for pipes or tie rods in stone or reinforced concrete walls of 16-25 cm thickness, for mechanized pulling execution | pcs | 2,00 |
| 2 | RpCU05I1 | Execution of pull-outs for pipes or tie rods in stone or reinforced concrete walls of 26 - 50 cm, for mechanized pull-outs execution | pcs | 5,00 |
| 3 | RpEJ09A | Repairing gaps in walls with plaster mortar | pcs | 7,00 |
| 4 | RpEJ08C | Execution of trenches with a depth of up to 5 cm in stone or reinforced concrete walls of 5x50 cmp. | m | 60,00 |
| 5 | RpEJ09D | Wall trench repair up to 50 square meters | m | 60,00 |
|  |  | **Total 1. Construction works** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses |  |  |
|  |  | Total | % |  |
|  |  | Director's expenses |  |  |
|  |  | Total | % |  |
|  |  | **Total 1. Construction works** |  |  |
|  |  | **2. Installation works** |  |  |
| 6 | 08-03-525-3 | Switch or package switch in metal casing, mounted on wall or column construction, quantity of clamps for connection up to 9, current up to 250 A (breaker BP 32-35 250A) | pcs | 1,00 |
| 7 | 08-03-526-2 | Automatic single-, two-, three-pole, wall or column mounted, current up to 100 (ВА47-100/3/С40А, ВА47-100/3/С32А) | pcs | 2,00 |
| 8 | 08-03-526-1 | Single-, double-, three-pole automatic, wall or column mounted, current up to 25 A | pcs | 2,00 |
| 9 | 08-03-572-8 | Control block for cabinet or distribution point (cabinet) execution, niche mounted, height and width, mm, up to 700x850 (switchboard, metal, recessed, with lock, for installation of 36 modules ShchRv-36z, IP31) RP-1 | pcs | 1,00 |
| 10 | 08-03-525-2 | Switch or package switch in metal casing, mounted on wall or column construction, quantity of clamps for connection up to 9, current up to 100 A (load disconnector VN32-3P/32A) | pcs | 1,00 |
| 11 | 08-03-526-1 | Single-, double-, three-pole automatic, wall or column mounted, current up to 25 A | pcs | 18,00 |
| 12 | 08-03-572-8 | Control block for cabinet or distribution point (cabinet) execution, niche mounted, height and width, mm, up to 700x850 (switchboard, metal, recessed, with lock, for installation of 36 modules ShchRv-36z, IP31) RP-2 | pcs | 1,00 |
| 13 | 08-03-525-2 | Switch or package switch in metal casing, mounted on wall or column construction, quantity of clamps for connection up to 9, current up to 100 A (load disconnector VNN32-3P/40A) | pcs | 1,00 |
| 14 | 08-03-526-1 | Single-, double-, three-pole automatic, wall or column mounted, current up to 25 A | pcs | 18,00 |
| 15 | 08-03-572-8 | Control block for cabinet or distribution point (cabinet) execution, mounted in niche, height and width, mm, up to 700х850 (switchboard, metal, recessed, with lock, for installation of 12 modules ShchRv-12z, IP31) ShchV-1 | pcs | 1,00 |
| 16 | 08-03-525-1 | Switch or package switch in metal casing, mounted on wall or column construction, quantity of clamps for connection up to 9, current up to 25 A (load disconnector VN32-3P-20A) | pcs | 1,00 |
| 17 | 08-03-526-1 | Single-, double-, three-pole automatic, wall or column mounted, current up to 25 A | pcs | 6,00 |
| 18 | 08-03-572-8 | Control block for cabinet or distribution point (cabinet) execution, niche mounted, height and width, mm, up to 700x850 (switchboard, metal, recessed, with lock, for installation of 12 modules ShchRv-12z, IP31) ShchV-2 | pcs | 1,00 |
| 19 | 08-03-525-1 | Switch or package switch in metal casing, mounted on wall or column construction, quantity of clamps for connection up to 9, current up to 25 A (load disconnector VN32-3P-20A) | pcs | 1,00 |
| 20 | 08-03-526-1 | Single-, double-, three-pole automatic, wall or column mounted, current up to 25 A | pcs | 7,00 |
| 21 | 08-03-529-1 | DC contactor for construction, current up to 160 A (small-size contactor, KMI 10960, 9A) | pcs | 1,00 |
| 22 | 08-03-594-17 | Luminaire with luminescent lamps in suspended ceilings, mounted in embedded parts, quantity of lamps, in luminaire, 4 (LED luminaire, recessed, 220V, 48W, IP20, 600x600mm, Frame) | 100 pcs | 0,91 |
| 23 | 08-03-594-3 | Luminaire with luminescent lamps mounted separately on pivots, quantity of lamps, in the luminaire, up to 4 (LED ceiling panel 220V, 48W, IP20, 595x595x110mm, LED PANEL FRAME) | 100 pcs | 0,15 |
| 24 | Market price | LED luminaire, recessed, 220V, 48W, IP20, 600x600mm, Frame | pcs | 91,00 |
| 25 | Market price | LED ceiling LED panel 220V, 48W, IP20, 595x595x110mm, LED PANEL FRAME | pcs | 15,00 |
| 26 | 08-02-412-1 | Insertion of conductors into metal pipes and hoses: first single or multistranded conductor in common strand, cross-section up to 2.5 mm2 (cable with copper conductors VVGng-LS (3x1,5) mm2) | 100 m | 8,45 |
| 27 | 08-02-412-1 | Insertion of conductors into metal pipes and hoses: first single or multistranded conductor in common strand, cross-section up to 2.5 mm2 (cable with copper conductors VVGng-LS (3x2,5) mm2) | 100 m | 6,60 |
| 28 | 08-02-412-1 | Insertion of conductors into metal pipes and hoses: first single or multistranded conductor in common strand, cross-section up to 2.5 mm2 (cable with copper conductors VVGng-LS (4x1,5) mm2) | 100 m | 0,80 |
| 29 | 08-02-412-2 | Insertion of conductors into metal pipes and hoses: the first single-wire or multi-wire conductor in common strand, cross-section up to 6 mm2 (cable with copper conductors VVGng-LS (5x4) mm2) | 100 m | 0,55 |
| 30 | 08-02-412-3 | Insertion of conductors into metal pipes and hoses: the first single-wire or multi-wire conductor in common strand, cross-section up to 16 mm2 (cable with copper conductors VVGng-LS (5x10) mm2) | 100 m | 1,00 |
| 31 | 08-02-412-1 | Insertion of conductors in metal pipes and hoses: first single-wire or multi-wire conductor in common strand, cross-section up to 2.5 mm2 (cable with copper conductors VVGng-FRLS (3x1,5) mm2) | 100 m | 0,80 |
| 32 | Market price | Cable with copper conductors with PVC insulation VVGng-LS cross-section. 3x1,5 mm2 | m | 845,00 |
| 33 | Market price | Cable with copper conductors with PVC insulation VVGng-LS cross-section. 3x2,5 mm2 | m | 660,00 |
| 34 | Market price | Cable with copper conductors with PVC insulation VVGng-LS cross-section. 4x1,5 mm2 | m | 80,00 |
| 35 | Market price | Cable with copper conductors with PVC insulation VVGng-LS cross-section. 5x4 mm2 | m | 55,00 |
| 36 | Market price | Cable with copper conductors with PVC insulation VVGng-LS cross-section. 5x10 mm2 | m | 100,00 |
| 37 | Market price | Cable with copper conductors with PVC insulation VVGng-FRLS cross-section. 3x1,5 mm2 | m | 80,00 |
| 38 | 08-02-409-1 | Vinyl-plast pipes on installed constructions, on walls and columns, fastening with toothpicks, diameter up to 25 mm (PVC pipe 25 mm) | 100 m | 16,80 |
| 39 | 08-02-409-1 | Vinyl-plast pipes on installed constructions, on walls and columns, fastening with toothpicks, diameter up to 25 mm (PVC pipe 32 mm) | 100 m | 1,00 |
| 40 | 08-03-591-9 | Ungrounded socket outlet, for closed installation (plug socket for concealed wiring, 16A, 220V, IP20) | 100 pcs | 0,50 |
| 41 | 08-03-591-9 | Uninsulated socket outlet in closed installation (computer socket, 16A, 220V, IP20) | 100 pcs | 0,85 |
| 42 | 08-03-591-5 | Two-key switch, non-insulated, for closed installation (two-key switch IP20) | 100 pcs | 0,11 |
| 43 | 08-03-591-2 | Switch with one flap, non-insulated type, for closed installation (single-key switch IP20) | 100 pcs | 0,10 |
| 44 | 08-03-591-9 | Uninsulated socket outlet with closed installation (universal floor recessed unit for 3 modules VIMAR-u54303) | 100 pcs | 0,02 |
| 45 | Market price | Universal floor recessed unit for 3 modules VIMAR-u54303 | pcs | 2,00 |
| 46 | Market price | Box for installation of flush-mounted switches and sockets | pcs | 156,00 |
| 47 | Market price | IP44 junction box with clamping blocks | pcs | 300,00 |
|  |  | **Total 2 Installation works** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | Total |  |  |
|  |  | **Total 2 Installation works** |  |  |
|  |  | **3. Equipment** |  |  |
| 48 | Market price | Switch-disconnector BP32-35 3P/250A | pcs | 1,00 |
| 49 | Market price | Independent trip unit РН-47 | pcs | 1,00 |
| 50 | Market price | Three-pole circuit breaker VA47-100/3P/C32 | pcs | 1,00 |
| 51 | Market price | Three-pole circuit breaker VA47-100/3P/C40 | pcs | 1,00 |
| 52 | Market price | Three-pole circuit breaker VA47-100/3P/C20 | pcs | 1,00 |
| 53 | Market price | Box for installation of 36 modules, metal, recessed, with lock ShchRv-36z-1, IP31 | pcs | 1,00 |
| 54 | Market price | Load disconnector VN32-3P/32 | pcs | 1,00 |
| 55 | Market price | Single-pole circuit breaker VA47-29/1P/V10 | pcs | 6,00 |
| 56 | Market price | Automatic differentiated two-pole AVDT 32C/16/30mA | pcs | 11,00 |
| 57 | Market price | Automatic differentiated two-pole AVDT 32C/20/10mA | pcs | 1,00 |
| 58 | Market price | Box for installation of 36 modules, metal, recessed, with lock ShchRv-36z-1, IP31 | pcs | 1,00 |
| 59 | Market price | Load disconnector VN32-3P/40 | pcs | 1,00 |
| 60 | Market price | Single-pole circuit breaker VA47-29/1P/V10 | pcs | 5,00 |
| 61 | Market price | Single-pole circuit breaker VA 47-29 1P/C10 | pcs | 1,00 |
| 62 | Market price | Automatic differentiated two-pole AVDT 32C/16/30mA | pcs | 10,00 |
| 63 | Market price | Automatic differentiated two-pole AVDT 32C/20/10mA | pcs | 2,00 |
| 64 | Market price | Box for installation of 12 modules, metal, recessed, with lock ShchRv-12z, IP31 | pcs | 1,00 |
| 65 | Market price | Load disconnector VN32-3P/20 | pcs | 1,00 |
| 66 | Market price | Single-pole circuit breaker VA 47-29 1P/C10 | pcs | 6,00 |
| 67 | Market price | Box for installation of 12 modules, metal, recessed, with lock ShchRv-12z, IP31 | pcs | 1,00 |
| 68 | Market price | Load disconnector VN32-3P/20 | pcs | 1,00 |
| 69 | Market price | Single-pole circuit breaker VA 47-29 1P/C10 | pcs | 7,00 |
| 70 | Market price | Small-size contactor, IP54, 9A, KMI 10960 | pcs | 1,00 |
| 71 | Vendor price | Luminaire for illumination of school blackboards with wall bracket, dimensions 1445x630x250 mm, with 48 LED modules 20 W, 2150 lm, IP41, type LE-SBO-14-020-7005-20D or similar | pcs | 5,00 |
|  |  | **Total 3. Equipment** |  |  |
|  |  | Total |  |  |
|  |  | Supply and storage expenses | 1,2 % |  |
|  |  | **Total 3. Equipment** |  |  |
|  |  | **Total**  **Including salary** |  |  |

|  |  |
| --- | --- |
| ***Interior repair works and modernization of science classrooms in Theoretical Lyceum ''Mihail Ceachir'' from Ceadir-Lunga*** |  |
| (name of the objective) |  |

***List of quantities of works***

**DEVIZ LOCAL № 0258 0180 - 2-1-5**

*Fire and security signaling (SI)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| №  crt. | Rules symbol and Resource Code | Work and expenditure | U.M. | Quantity according to project data |
|
| 1 | 2 | 3 | 4 | 5 |
|  |  | **1. Installation works** |  |  |
| 1 | 10-08-001-06 | Receiving apparatus: "ПС" receiving and control, signalling devices. Concentrator: basic block for 10 beams (control panel for 4 zones, SmartLine036-4) | pcs | 1,00 |
| 2 | 11-03-001-01 | Devices installed on metal constructions, panels and desks: device, mass, kg, up to: 5 (Ethernet SmartLan/485 module) | pcs | 1,00 |
| 3 | 10-08-002-02 | Automatic "ПС" warning devices: smoke, photoelectric, radioisotope, normal execution light (LED light indicator) | pcs | 27,00 |
| 4 | 10-06-037-05 | Cabinets, boxes and boxes for pipe installations: Wall cabinet, size, mm, up to: 640х840 (power supply BPS 24140) | pcs | 1,00 |
| 5 | 11-03-001-01 | Devices, installed on metal constructions, panels and desks: device, mass, kg, up to: 5 (REL1INT relay module) | pcs | 4,00 |
| 6 | 10-08-002-02 | Automatic "ПС" smoke, photoelectric, radioisotope, radioisotope, light alarms in normal execution (fire smoke detector ID-100) | pcs | 68,00 |
| 7 | 10-08-003-01 | Capacity signalling device (optical sound signalling device) | pcs | 1,00 |
| 8 | 10-08-003-01 | Capacity signalling device (siren) | pcs | 2,00 |
| 9 | 08-01-121-1 | Accumulator acid stationary: C-1, SK-1 (12 V, 17 Ah battery) (12 V, 17 Ah battery) | pcs | 4,00 |
| 10 | 10-01-055-02 | Cable and conductor laying on walls: Cable, mass 1 m up to 1 kg, on wall: brick (fire-resistant, shielded cable, 1x2x0.8mm2, KPSEng(A) FRLS) | 100 m | 5,60 |
| 11 | Market price | Fire-resistant cable, shielded.1x2x0,8mm2,KPSEngA.FRLS | m | 560,00 |
| 12 | 08-02-412-1 | Insertion of conductors into metal pipes and hoses: first single or multistranded conductor in common strand, cross-section up to 2.5 mm2 (cable with copper conductors VVVVGng(A)-FRLS cross-section. 2x1.5mm2) | 100 m | 1,20 |
| 13 | Market price | Cable with copper conductors, fire-resistant, with PVC insulation VVGng(A)-FRLS cross-section. 2x1,5 mm2 | m | 120,00 |
| 14 | 08-02-410-1 | Polyethylene pipe, on floors, diam. - 25mm ПВХХХ 20ммм | 100 m | 6,80 |
| 15 | 08-02-409-2 | Vinylplast sheeting on installed constructions, on walls and columns, fastening with toothpicks, diameter up to 50 mm (PVC pipe 40 mmm) | 100 m | 0,05 |
| 16 | 08-01-087-3 | Metal constructions under machinery | t | 0,01 |
|  |  | **Total 1 Installation works** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | **Total 1 Installation works** |  |  |
|  |  | **2. Utilaj** |  |  |
| 17 | Market price | Control panel for 4 zones, SmartLine036-4 | pcs | 1,00 |
| 18 | Market price | Ethernet SmartLan/485 module | pcs | 1,00 |
| 19 | Market price | LED remote indicator light | pcs | 27,00 |
| 20 | Market price | BPS 24140 power supply unit | pcs | 1,00 |
| 21 | Market price | Relay module REL1INT | pcs | 4,00 |
| 22 | Market price | Fire smoke detector ID100 | pcs | 68,00 |
| 23 | Market price | Optical and audible alarm device | pcs | 1,00 |
| 24 | Market price | Siren | pcs | 2,00 |
| 25 | Market price | 12 V, 17 Ah battery | pcs | 4,00 |
|  |  | **Total 2. Equipment** |  |  |
|  |  | Total |  |  |
|  |  | Supply and storage expenses | 1,2 % |  |
|  |  | **Total 2. Equipment** |  |  |
|  |  | **Total**  **Including salary** |  |  |

|  |  |
| --- | --- |
| ***Interior repair works and modernization of science classrooms in Theoretical Lyceum ''Mihail Ceachir'' from Ceadir-Lunga*** |  |
| (name of the objective) |  |

***List of quantities of works***

**DEVIZ LOCAL № 0258 0181 - 2-1-6**

*Automatic security signage (SPA)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| №  crt. | | Rules symbol and Resource Code | Work and expenditure | | U.M. | Quantity according to project data |
|
| 1 | | 2 | 3 | | 4 | 5 |
|  | |  | **1. Construction works** | |  |  |
| 1 | | RpCU05F1 | Execution of pulling for pipes or tie rods in stone or reinforced concrete walls of 16-25 cm thickness, for mechanized pulling execution | | pcs | 2,00 |
| 2 | | RpCU05I1 | Execution of pull-outs for pipes or tie rods in stone or reinforced concrete walls of 26 - 50 cm, for mechanized pull-outs execution | | pcs | 8,00 |
| 3 | | RpEJ09A | Repairing gaps in walls with plaster mortar | | pcs | 10,00 |
|  | |  | **Total 1. Construction works** | |  |  |
|  | |  | Total | | lei |  |
|  | |  | Social insurance | | 24 % |  |
|  | |  | Transportation costs | | % |  |
|  | |  | Supply and storage expenses | | % |  |
|  | |  | Total | |  |  |
|  | |  | Director's expenses | | % |  |
|  | |  | Total | |  |  |
|  | |  | Benefit of the quote | | % |  |
|  | |  | **Total 1. Construction works** | |  |  |
|  | |  | **2. Construction works** | |  |  |
| 4 | | 10-04-067-22 | Color television equipment: broadcast television camera (IP video camera, outdoor, HIKVISION, DS-2CD2955FWD-1) | | pcs | 7,00 |
| 5 | | -  Fara cost | Software will already be included in the cost of the equipment (Software) | | pcs | 1,00 |
| 6 | | 10-04-067-22 | Color television equipment: Television broadcasting camera (DVR for 16 channels, TRASSIR MININVR ANY IP 16) | | pcs | 1,00 |
| 7 | | 10-03-013-05 | Service telecommunication switch (Switch 16 port, 10/100 Mbps) | | pcs | 1,00 |
| 8 | | Market price | Distribution box IP54 100x100x70 mm | | pcs | 7,00 |
| 9 | | Market price | RJ 45 connector | | pcs | 14,00 |
| 10 | | Market price | Patch cord 0.5 m | | pcs | 7,00 |
| 11 | | 10-06-037-05 | Cabinets, boxes and boxes for pipe installations: Wall cabinet, size, mm, up to: 640x840 (UPS, 700VA) | | pcs | 1,00 |
| 12 | | 10-06-037-05 | Cabinets, boxes and boxes for pipe installations: Wall cabinet, size up to: 600х600 (6U switch cabinet) | | pcs | 1,00 |
| 13 | | 10-01-055-02 | Laying cable and conductor on walls: Cable, mass 1 m up to 1 kg, on the wall: brick (network cable 4x2x0.51 mm2 UTP-CAT.5) | | 100 m | 1,50 |
| 14 | | Market price | Network cable 4x2x0.51 mm2 UTP-CAT.5 | | m | 150,00 |
| 15 | | 08-02-410-1 | Polyethene pipe, on floor support, diameter up to 25 mm (PVC pipe 20mmm) | | 100 m | 1,50 |
| 16 | | 08-01-087-3 | Metal constructions under machinery (fastening materials) | | t | 0,003 |
| 17 | | 11-04-002-01 | Mass apparatus, mass, t, up to: 0,015 (system unit BM-01B-OP) | | pcs | 1,00 |
| 18 | | 11-03-001-01 | Devices, installed on metal constructions, panels and desks: device, mass, kg, up to: 5 (equipment to be installed in the system unit) | | pcs | 6,00 |
| 19 | | 11-08-001-04 | Connecting electrical networks to appliances by soldering (wire connection) | | 100 pcs | 0,06 |
|  | |  | **Total 2 Installation works** | |  |  |
|  | |  | Total | | lei |  |
|  | |  | Social insurance | | 24 % |  |
|  | |  | Transportation costs | | % |  |
|  | |  | Supply and storage expenses | | % |  |
|  | |  | Total | |  |  |
|  | |  | Director's expenses | | % |  |
|  | |  | Total | |  |  |
|  | |  | Benefit of the quote | | % |  |
|  | |  | Total | |  |  |
|  | |  | **Total 2 Installation works** | |  |  |
|  | |  | **3. Equipment** | |  |  |
| 21 | | Market price | IP video camera, outdoor, HIKVISION, DS-2CD2955FWD-1 | | pcs | 7,00 |
| 22 | | Market price | Network video recorder for 16 channels | | pcs | 1,00 |
| 23 | | Market price | Switch Switch 16 port, 10/100 Mbps | | pcs | 1,00 |
| 24 | | Market price | HDD 6TB | | pcs | 1,00 |
| 25 | | Market price | UPS 700 VA uninterruptible power supply unit | | pcs | 1,00 |
| 26 | | Market price | Switching cabinet 6U | | pcs | 1,00 |
| 27 | | Market price | System unit BM-01B-OP | | pcs | 1,00 |
| 28 | | Market price | System Power Supply 650W, APS-650CB | | pcs | 1,00 |
| 29 | | Market price | Z370M-ITX/AC 1151V2 Motherboard | | pcs | 1,00 |
| 30 | | Market price | GTX 1070 8192MB graphics card | | pcs | 1,00 |
| 31 | | Market price | HDD 2TB ST2000DM011 | | pcs | 1,00 |
| 32 | | Market price | RAM 8GB DDR III 1GB | | pcs | 1,00 |
| 33 | | Market price | TFT 28” video monitor | | pcs | 2,00 |
| 34 | | Market price | Windows 10 operating system | | pcs | 1,00 |
| 35 | | Market price | SLIM STAR 110 Keyboard | | pcs | 1,00 |
| 36 | | Market price | Computer mouse | | pcs | 1,00 |
|  | |  | **Total 3. Equipment** | |  |  |
|  | |  | Total | |  |  |
|  | |  | Supply and storage expenses | | 1,2 % |  |
|  | |  | **Total 3. Equipment** | |  |  |
|  | |  | **4. Adjust-launch** | |  |  |
| 37 | | 10-06-068-15 | Tuning synchronous digital transmission systems. Adjusting the control and routing system: configuration and adjustment of network components | | pcs | 1,00 |
|  | |  | **Total 4. Adjust-launch** | |  |  |
|  | |  | Total | | lei |  |
|  | |  | Social insurance | | 24 % |  |
|  | |  | Transportation costs | | % |  |
|  | |  | Supply and storage expenses | | % |  |
|  | |  | Total | |  |  |
|  | |  | Director's expenses | | % |  |
|  | |  | Total | |  |  |
|  | |  | Benefit of the quote | | % |  |
|  | |  | Total | |  |  |
|  | |  | **Total 4. Adjust-launch** | |  |  |
|  | |  |  | |  |  |
|  | |  | **Total**  **Including salary** | |  |  |
| ***Interior repair works and modernization of science classrooms in Theoretical Lyceum ''Mihail Ceachir'' from Ceadir-Lunga*** | | |  | | | |
| (name of the objective) | | |  | | | |

***List of quantities of works***

**DEVIZ LOCAL № 0258 0190 - 2-1-7**

*Communications, computer networks (TS)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| №  crt. | Rules symbol and Resource Code | Work and expenditure | U.M. | Quantity according to project data |
|
| 1 | 2 | 3 | 4 | 5 |
|  |  | **1. Construction works** |  |  |
| 1 | RpCU05F1 | Execution of pulling for pipes or tie rods in stone or reinforced concrete walls of 16-25 cm thickness, for mechanized pulling execution | pcs | 2,00 |
| 2 | RpCU05I1 | Execution of pull-outs for pipes or tie rods in stone or reinforced concrete walls of 26 - 50 cm, for mechanized pull-outs execution | pcs | 8,00 |
| 3 | RpEJ09A | Repairing gaps in walls with plaster mortar | pcs | 10,00 |
|  |  | **Total 1. Construction works** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | **Total 1. Construction works** |  |  |
|  |  | **2. Installation works** |  |  |
| 4 | 10-06-037-05 | Cabinets, boxes and boxes for pipe installations: Wall cabinet, size, mm, up to: 600х600 (15U switching cabinet) | pcs | 1,00 |
| 5 | 10-03-013-05 | Service telecommunication switch (Switch 24 port switch) | pcs | 1,00 |
| 6 | Market price | Router 1U rackmount 4xgigabait ethernet 1xSFP | pcs | 1,00 |
| 7 | 11-03-001-01 | Devices, installed on metal constructions, panels and desks: device, mass, kg, up to: 5 (patch panel 24 ports, cat. 5e) | pcs | 1,00 |
| 8 | Market price | Optical panel 19” for 4 ports | pcs | 1,00 |
| 9 | Market price | Cable organizer 1U | pcs | 3,00 |
| 10 | Market price | Patch cord optic 0.5 m | pcs | 1,00 |
| 11 | Market price | Patch cord optic 1 m | pcs | 13,00 |
| 12 | 10-06-037-05 | Cabinets, boxes and boxes for pipe installations: Wall cabinet, size, mm, up to: 640х840 (UPS guaranteed power supply unit, 3000VA) | pcs | 1,00 |
| 13 | 08-03-591-8 | Ungrounded socket outlet, open installation (220V socket block, 8 Euro-ports, 19") | 100 pcs | 0,01 |
| 14 | 08-03-591-9 | Uninsulated socket outlet in closed installation (computer socket Rj-45 UTP5E) | 100 pcs | 0,13 |
| 15 | 10-01-055-02 | Cable and conductor laying on walls: Cable, mass 1 m up to 1 kg, on wall: brick (UTP cable cat. 5e/CU) | 100 m | 3,40 |
| 16 | 10-01-055-02 | Cable and conductor laying on walls: Cable, mass 1 m up to 1 kg, on the wall: brick ( (FO-2 fiber optic cable) | 100 m | 1,05 |
| 17 | Market price | Cable UTP cat. 5e/CU | m | 340,00 |
| 18 | Market price | FO-2 fiber optic cable | m | 105,00 |
| 19 | 08-02-410-1 | Polyethylene pipe, on floor support, diameter up to 25 mm (PVC pipe 20mm) | 100 m | 4,50 |
| 21 | 08-02-409-2 | Vinylplast sheeting on installed constructions, on walls and columns, fastening with toothpicks, diameter up to 50 mm (PVC pipe 40 mm) | 100 m | 0,05 |
| 22 | 08-01-087-3 | Metal constructions under machinery (fasteners) | t | 0,005 |
|  |  | **Total 2 Installation works** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | Total |  |  |
|  |  | **Total 2 Installation works** |  |  |
|  |  | **3. Equipment** |  |  |
| 23 | Market price | Switching cabinet 15U | pcs | 1,00 |
| 24 | Market price | Switch 24 Port Switch | pcs | 1,00 |
| 25 | Market price | 24 port Rath panel, cat. 5e | pcs | 1,00 |
| 26 | Market price | UPS 3000 guaranteed power supply unit | pcs | 1,00 |
|  |  | **Total 3. Equipment** |  |  |
|  |  | Total |  |  |
|  |  | Supply and storage expenses | 1,2 % |  |
|  |  | **Total 3. Equipment** |  |  |
|  |  | **4. Adjust-launch** |  |  |
| 27 | 10-06-068-15 | Tuning synchronous digital transmission systems. Adjusting the control and routing system: configuration and adjustment of network components | pcs | 1,00 |
|  |  | **Total 4. Adjust-launch** |  |  |
|  |  | Total | lei |  |
|  |  | Social insurance | 24 % |  |
|  |  | Transportation costs | % |  |
|  |  | Supply and storage expenses | % |  |
|  |  | Total |  |  |
|  |  | Director's expenses | % |  |
|  |  | Total |  |  |
|  |  | Benefit of the quote | % |  |
|  |  | Total |  |  |
|  |  | **Total 4. Adjust-launch** |  |  |
|  |  | **Total**  **Including salary** |  |  |