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| **Hall made of metal elements for the organisation of the activity of the public services operator, located in Zîrnești village, Cahul district** | Form No 1 |
| (name of the project) |  |

**1-2. List of quantities of works:**

**Internal water supply and sewerage networks**

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| **Currency of offer: US Dollars** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Norm symbol and Resource code | Works and costs | M.U. | Quantity as per project data | Estimated cost, USD | |
| Per unit of measurement  ————  including wages | Total  —————  including wages |

| 1 | 2 | | 3 | | 4 | 5 | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | **1. Construction works** | |  |  |  |  |
|  |  | | **1.1. Internal Water Supply** | |  |  |  |  |
| 1 | RCsB31E | | Drilling holes in reinforced concrete structures up to grade 500 with many layers of reinforcement, using a diamond core drilling machine with a diameter of 60 mm | | pcs. | 1.000 |  |  |
| 2 | AcA52A | | Polyethylene pipe, for trench-mounted water pipes, diameter 25 mm. Note: the type of polyethylene piping and warning tape will be included according to the design | | m | 10.000 |  |  |
| 3 | SA14B | | Polyfusion-welded plastic pipe for industrial structures, diameter 20 mm | | m | 30.000 |  |  |
| 4 | SA14A | | Polyfusion-welded plastic pipe for industrial structures, diameter 16 mm | | m | 12.000 |  |  |
| 5 | RpIF09A | | Insulation of pipes with special insulation sleeves put on pipes, diameter and thickness from D=12x4 to D=35x4 mm  Subsidiary materials=1,050 | | m | 42.000 |  |  |
| 6 | IC40A | | Bracket for fixing steel pipes for central heating or a gas system, installed with dowels up to and including 1", on PVC dowels on a brick wall | | pcs. | 95.000 |  |  |
| 7 | SD01B | | Service tap, single or double with fitting, any closing mode, 3/4" to 1" diameter, D=20 mm  Subsidiary materials (hemp seal, linseed oil, minium lead primer, etc.)=1,006 | | pcs. | 4.000 |  |  |
| 8 | SD01A | | Service tap, single or double with fitting, any closing mode, 3/8" to 1/2" diameter, D=15 mm  Subsidiary materials (hemp seal, linseed oil, minium lead primer, etc.)=1,005 | | pcs. | 3.000 |  |  |
| 9 | SD04A | | Monobloc lever mixer tap for washbasin or sink, any closing mode, including for people with disabilities, with 1/2" diameter. | | pcs. | 1.000 |  |  |
| 10 | SD02A | | Monobloc mixer tap for bathroom, with flexible shower hose or fixed shower head, any closing mode, including for people with disabilities, mounted on brick or concrete walls.  Subsidiary materials (hemp seal, linseed oil, minium lead primer, etc.)=1,005 | | pcs. | 1.000 |  |  |
| 11 | SC04C | | Washbasin made of semi-porcelain, sanitary porcelain, etc., including for people with disabilities, with plastic drain, mounted on pedestal  Subsidiary materials (Codez adhesive, wooden dowels, plaster, etc.)=1,020 | | pcs. | 1.000 |  |  |
| 12 | SC02A | | Enamelled cast iron shower tub, enamelled sheet metal, polymethacrylate, etc.  Subsidiary materials (Codez adhesive, dichloroethane, rags, etc.)=1,030 | | pcs. | 1.000 |  |  |
| 13 | SC07A | | Fully equipped S-trap toilet, made of semi-porcelain, sanitary porcelain, etc., including for people with disabilities, floor-standing, with water tank mounted at height or half-height  Subsidiary materials (wooden dowels, plaster, holtscrews, Codez adhesive, dichlorethane, etc.)=1,050 | | pcs. | 1.000 |  |  |
|  |  | |  | |  |  |  |  |
|  |  |  | | **Total Internal water supply** |  |  |  |  |
|  |  |  | | **Including salary** |  |  |  |  |
|  |  | | **1.2. Water Meter Assembly** | |  |  |  |  |
| 14 | SD01A | | Service tap, single or double with fitting, any closing mode, 3/8" to 1/2" diameter, D=15 mm  Subsidiary materials (hemp seal, linseed oil, minium lead primer, etc.)=1,005 | | pcs. | 2.000 |  |  |
| 15 | SE56A | | Drinking water filter, with plugs, threaded, for pipe mounting, D=15 mm  Subsidiary materials (hemp seal, minium lead primer, etc.)=1,010 | | pcs. | 1.000 |  |  |
| 16 | ID13A | | Shut-off valve with blanking plug, mounted on gas pipes, nominal diameter D=15mm | | pcs. | 1.000 |  |  |
| 17 | IC30B | | Ductile iron fittings, with 2 threaded connections, screwed to steel pipe, diameter (D=15-25mm) | | pcs. | 2.000 |  |  |
|  |  | |  | |  |  |  |  |
|  |  |  | | **Total Water meter assembly** |  |  |  |  |
|  |  |  | | **Including salary** |  |  |  |  |
|  |  | | **1.3. Internal Sewerage Network** | |  |  |  |  |
| 18 | SB08E | | Plastic drainage pipe, with rubber seal, surface mounted or buried under the floor, diameter 110 mm | | m | 15.000 |  |  |
| 19 | SB08C | | Plastic drainage pipe, with rubber seal, surface mounted or buried under the floor, diameter 50 mm | | m | 10.000 |  |  |
| 20 | SB09C | | Plastic sewer connection with rubber seal, diameter 50 mm | | pcs. | 8.000 |  |  |
| 21 | SB09E | | Plastic sewer connection with rubber seal, diameter 110 mm | | pcs. | 12.000 |  |  |
| 22 | SB09E | | Plastic sewer connection with rubber seal, diameter 110 mm (anti-drainage plug 100 mm) | | pcs. | 1.000 |  |  |
|  |  | |  | |  |  |  |  |
|  |  |  | | **Total Internal sewerage network** |  |  |  |  |
|  |  |  | | **Including salary** |  |  |  |  |
|  |  | | **1.4. Septic Tank** | |  |  |  |  |
| 23 | RCsA08A | | Mechanical excavation with wheeled excavator (backhoe), 0.2-0.4 m3 | | m3 | 3.500 |  |  |
| 24 | RCsA01A | | Manual digging of soil in confined spaces, less than 1.00 m wide and not more than 1.5 m deep, with vertical slope, for polygonal foundation pits, ditches, canals, etc., executed in quantities of up to 20 cubic meters per working point, with unsupported banks | | m3 | 0.700 |  |  |
| 25 | AcD18B | | Installation of PVC pipes type M-3, for drainage, glued together, outside of buildings, buried at a depth of up to 2 m, diameter 100 mm.  Subsidiary materials (round timber posts, etc.)=1,020 | | m | 7.000 |  |  |
| 26 | RCsB31S | | Drilling holes in reinforced concrete structures up to grade 500 with many layers of reinforcement, using a diamond core drilling machine with a diameter of 190 mm | | pcs. | 1.000 |  |  |
| 27 | AcE13A | | Installation of prefabricated reinforced concrete sewer manholes, circular (ring), 1.0 m in diameter, in soil without groundwater  Subsidiary materials (staples, water)=1,007 | | m3 | 0.520 |  |  |
| 28 | AcE13A1 | | Prefabricated reinforced concrete elements of circular (ring shaped) manholes, 1.0 m in diameter, for sewerage, in soil without groundwater. Note: the normative resource 0.00 (zero) is to be taken according to the design (КЦП) | | pcs. | 1.000 |  |  |
| 29 | AcE13A1 | | Prefabricated reinforced concrete elements of circular (ring shaped) manholes, 1.0 m in diameter, for sewerage, in soil without groundwater. Note: the normative resource 0.00 (zero) is to be taken according to the design (КЦД) | | pcs. | 1.000 |  |  |
| 30 | AcE13A1 | | Prefabricated reinforced concrete elements of circular (ring shaped) manholes, 1.0 m in diameter, for sewerage, in soil without groundwater. Note: the normative resource 0.00 (zero) is to be taken according to the design (КЦ 10-9) | | pcs. | 3.000 |  |  |
| 31 | AcE07B | | Installation of cast iron or cast iron-concrete covers, without support, for water supply and sewerage manholes, not suitable for carriageways (type II A and B)  Subsidiary materials (boards, etc.)=1,020 | | pcs. | 1.000 |  |  |
| 32 | TsD01A | | Shovelling loose soil in even layers of 10-30 cm thickness up to 3 m from piles, including the breaking up of the clods, in light soil | | m3 | 0.960 |  |  |
| 33 | TsD04C | | Compaction of fills with a plate compactor, in horizontal or 1/4 inclined excavations, including watering of each soil layer, 20 cm thick, in cohesionless soil | | m3 | 2.500 |  |  |
|  |  | |  | |  |  |  |  |
|  |  |  | | **Total septic tank** |  |  |  |  |
|  |  |  | | **Including salary** |  |  |  |  |
|  |  | |  | |  |  |  |  |
|  |  | | Total | | $ |  |  |  |
|  |  | | CASM (ПЗ) \* 24 % | | 24.00% |  |  |  |
|  |  | | Transport costs (TC) | |  |  |  |  |
|  |  | | Overhead costs (TC+SHIC+Transp.) | |  |  |  |  |
|  |  | | Profit (TC+SHIC+Transp.+Expenses) | |  |  |  |  |
|  |  |  | | **Total Construction works** |  |  |  |  |
|  |  |  | | **Including salary** |  |  |  |  |
|  |  | | **2. Installation works** | |  |  |  |  |
| 34 | SE58A | | Hot and cold water meters, diameter – 15 mm  Subsidiary materials (hemp seal, minium lead primer, etc.)=1,010 | | pcs. | 1.000 |  |  |
| 35 | IA17A | | Vertical, floor-mounted boiler, 50 l capacity | | pcs. | 1.000 |  |  |
|  |  | |  | |  |  |  |  |
|  |  | | Total | | $ |  |  |  |
|  |  | | CASM (ПЗ) \* 24 % | | 24.00% |  |  |  |
|  |  | | Transport costs (TC) | |  |  |  |  |
|  |  | | Overhead costs (TC) | |  |  |  |  |
|  |  | | Profit (TC+SHIC+Transp.+Expenses) | |  |  |  |  |
|  |  |  | | **Total Installation work** |  |  |  |  |
|  |  |  | | **Including salary** |  |  |  |  |
|  |  | | **3. Equipment** | |  |  |  |  |
| 36 | 11244 | | Water meter, D=15mm | | pcs. | 1.000 |  |  |
| 37 | 11244 | | Boiler with 50 l capacity | | pcs. | 1.000 |  |  |
|  |  | |  | |  |  |  |  |
|  |  |  | | **Total Equipment** |  |  |  |  |
|  |  |  | | **Including salary** |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Total | $ |  |  |  |
|  | **Total estimates:** |  |  |  |  |
|  | **Including salary** |  |  |  |  |

Bidder\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Certified Estimating Professional\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_