VOLUME 4.2

FINANCIAL OFFER TEMPLATES

**LUMP SUM CONTRACTS**

**Introduction**

1. The breakdown of the lump-sum price (Volume 4.2.3) is the itemised list of prices showing the build-up of the price in a lump-sum contract. This breakdown of the lump-sum price does not derogate in any way to the clause stating that, in a lump-sum contract, the total contract price remains fixed irrespective of the quantity of work actually carried out.

The amounts due will be calculated:

The breakdown must coincide with the payment-definition chosen in Article 49 of the special conditions: by the tranches specified in Article 49(1)(a) of the special conditions.

2. The item description given in the breakdown of the lump-sum price in no way limits the contractor’s obligations under the contract to provide all the works described elsewhere.

3. The prices of the breakdown of the lump-sum price include all incidental and contingent expenses and all risks necessary to construct, complete and maintain all works in accordance with the contract. Unless separate items are provided in the breakdown of the lump-sum price, prices include all costs involved in the various items of the breakdown.

4. The lump–sum price and the prices of the breakdown of the lump-sum price are all-inclusive and include any non-exonerated tax or fiscal duty.

**VOLUME 4.2.3 — BREAKDOWN OF THE LUMP-SUM PRICE**

**Reconstruction of building in Gjavoto**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| item | DECSRIPTION | | | Unit | Unit price EUR | | Firm quantity | Total EUR |
|  | 1. PHASE ARCHITECTURE | | |  |  | |  |  |
|  | 1 PREPARATORY WORKS | | |  |  | |  |  |
| 1 | Transport and installation of facade construction scaffolding. The scaffolding includes dismantling platforms, canvas or PVC covering, protective platform above the entrances, as wll as warning information boards.(the scaffolding should be assembled in accordance with the instructions and regulations, implenting the workplace safety measures). (The scaffolding to be used for all necessary works, assembling and disassembling facade joinery, facade works, roofing works and were needed. | | | Lump sum |  | | 1.00 |  |
| 2 | Dismantling the existing roof cover (small building roof tiles) complete removal of horizontal and vertical gutters, screeds, ridges, flashings and rafters for the tiles for steady roof construction, loading and transport of debris to the landfill. 315 + 109 = 424 m2 (roof covering) | | | Lump sum |  | | 1.00 |  |
|  | Dismentaling of existing jointry (window frames, inside and outside doors and portals , treshholds), loading and transport of debris to the assigned location by the investor. | | |  |  | |  |  |
| 3 | Pos. 4 window 80 x 80 cm | | | No. |  | | 3.00 |  |
| 4 | Pos. 5 Window frame 150 x 150 cm | | | No. |  | | 6.00 |  |
| 5 | Pos. 6 Indoor single door 90 x 200 cm | | | No. |  | | 2.00 |  |
| 6 | Pos. 7 Entrance frame 170 x 210 cm | | | No. |  | | 1.00 |  |
| 7 | Pos. 8 Indoor single door 90 h 210 | | | No. |  | | 2.00 |  |
| 8 | Pos. 9 Indoor single door 100 x 210 | | | No. |  | | 2.00 |  |
| 9 | Pos. 10 Indoor single door 80 x 200 | | | No. |  | | 3.00 |  |
| 10 | Breaking existing floor tiles in small building and wall tiles and sanitary units, (extraction of entire existing ceramics), loading and transport of debris to the landfill. | | | m2 |  | | 328.20 |  |
| 11 | Extraction of complete ceilings together with their sub construction (extraction of ceiling in small building from mortar to reed plaster and wood panelling together with sub construction), debris loading and transportation to the landfill. | | | m2 |  | | 100.50 |  |
| 12 | All flooring surfaces- repair of existing floor cement bedding – cleaning, dedusting and reparture mortar filling of the cracks on the existing cement bedding, levelling it up to bedding, drying – in order to get flat and clean surface to instal a new floor. (about 10% of the total floor surface) \* In case the cracks are deeper than 3 mm- cutting of the crack (grout) is planned with a longitudinal and transverse sender, cleaning and dedusting, placement of bolts on appropriate distance and filling up with epoxy resin. | | | Lump sum |  | | 1.00 |  |
| 13 | All wall surfaces in a small building- Removal of old mortar from the inside walls in all premises in places where it is damaged, all the way to the brickwork together with cleaning and dedusting of wall surfaces, spreading of joint compound on the damaged parts and patching with mortar by skim coating in order to even out the wall surface and prepare it for painting using a light scaffold. (about 30-35% of the wall surfaces). | | | Lump sum |  | | 1.00 |  |
| 14 | Demolishing existing entrance steps and transport of the material to the landfill marked by the investor. | | | Lump sum |  | | 1.00 |  |
| **TOTAL 1** | | | | | | | |  |
|  | 2. DIRT AND CONCRETE WORKS | | |  |  | |  |  |
| 15 | Procurement, transport and embedding tampon material for filling the section under the ramp and steps. | | | m2 |  | | 20.00 |  |
| 16 | Procurement, transport and embedding of reinforced concrete MB 30 together with the required formwork for the construction of concrete steps to access the main entrance. | | | m3 |  | | 18.00 |  |
| **TOTAL 2** | | | | | | | |  |
|  | 3.REINFORCEMENT WORKS | | |  |  | |  |  |
| 17 | Procurement, transport, preparation and embedding of the required formwork for the concrete access steps. | | | kg |  | | 1430.00 |  |
| **TOTAL 3** | | | | | | | |  |
|  | 4. INSULATION WORKS | | |  |  | |  |  |
| 18 | Procurement, transport and installation of horizontal hydro insulation PE- foil on the floor cover before the placement of the new bedding with 10% overlap (in all indoor premises). | | | m2 |  | | 100.50 |  |
| 19 | Procurement, transport and hydro isolation- HIDROMAL FLEKS or equivalent to 3 layers with the floors of the sanitary units and the kitchen, vertical painting of the walls within a hight of 20 cm, and 1 m in hight around the sinks. | | | m2 |  | | 25.00 |  |
| 20 | Procurement, transport, cutting and installation of rolled mineral wool d= 20 cm, two- sided coating with foil above the ceiling in the entire roof section in the small building. | | | m2 |  | | 102.00 |  |
| 21 | Small Building- Procurement and hydro isolation with tar paper placed over the bitumen clapboard near the roof ( slant surface) | | | m2 |  | | 150.00 |  |
| **TOTAL 4** | | | | | | | |  |
|  | 5.ROOFCOVERING AND CARPENTRY | | |  |  | |  |  |
| 22 | Small building- Procurement, transport and installation of pine lumber at the damaged section and reinforcing the existing roof construction of the small building. (about 25%) | | | m3 |  | | 1.00 |  |
| 23 | Small building- Procurement, transport, making and placement of boarding d= 2,4 cm from good quality pine lumber, bituminised (slant surface) | | | m2 |  | | 150.00 |  |
| 24 | Small building – Procurement, transport, making and boarding 4 x 6 cm quality pine lumber in two directions (longitudinal and transversed) at a 60 cm distance (slant surface) | | | m1 |  | | 626.00 |  |
| 25 | Small building- Procurement, transport, making and placing wooden battens 5 x 8 cm from good quality pine lumber at a distance of 100 cm as sub construction for the cieling drywalls in the small building. | | | m |  | | 161.00 |  |
| **TOTAL 5** | | | | | | | |  |
|  | 6.SHEET METAL WORKS | | | | | | | |
| 26 | Small building- procurement, transport, cutting and installation of roofing cover made of profiled plastic- coated steel sheet d= 0,55mm TP35/200, fixed on wooden laths along with customized details according to the manufacturer details. The price should include all linings. The quantity is in a slant projection and without any overlaps. The price should include the quantity of the steel sheet with the required overlap and instalation of snow guards according to the manufacturer's detail. (slant surface) | | | m2 | |  | 150.00 |  |
| 27 | Small building- Procurement, transport and instalation of vertical gutters made of galvanized steel sheet d= 0.55 mm and with dimensions 10 x 10 cm. The price should include the fixation with steel brackets into the walls. | | | m | |  | 24.00 |  |
| 28 | Small building- Procurement, transport and instalation of horizontal gutters made of galvanized steel sheet d= 0,55 mm with dimensions 10 x 10 cm, paired brackets and reinforced with dowels on each bracket. | | | m | |  | 37.00 |  |
| 29 | Small building- Procurement, transport, fabrication and installation of a metal sub structure roof edge made of galvanized steel sheet d= 0.55 mm, with a slope of 60 degrees.  Completed with all necessary connecting material. | | | m | |  | 41.00 |  |
| 30 | Small building- Procurement, transport, fabrication and installation of window sill benches made of steel metal. | | | m | |  | 13.00 |  |
|  | \*NOTE: The sheet metal should be manufactured according to EN 10169 standard (the galvanized coating on the sheet metal should be within positive tolerance), the base of the sheet metal- the steel part should be manufactured according to EN 10143 standard, the zinc coating should be greater than 120g/ m2 according to EN 10346 standard and the plastisol coating should be a minimum of 25 micron or greater. | | |  | |  |  |  |
| **TOTAL 6** | | | | | | | |  |
|  | 7.FACADE WORKS | | |  | |  |  |  |
| 31 | Procurement, transport and fabrication of contact facade material for the building (no plinth) with the following composition: deep effect base, grey adhesive, thermal insulation buard- expanded polystyrene EPS 10 cm, 20kg/ m2 (fire- resistant and extendable), plastic plugs (5 plugs per 1 m2), fiberglass mesh, white adhesive, primer, acrylic mortar- painted with final acrylic paint in the color chosen by the investor. For all angles, corner profiles with mesh should be used. Installation of L- shaped metal profile for the first polystyrene board. | | | m2 | |  | 105.06 |  |
| 32 | Procurement and transport of materials and fabrication of: sills around windows and doors including: deep effect base, grey adhesive, thermal insulation board- expanded polystyrene EPS 3 cm, 20 kg/ m 2 (fire resistant and expandible), fiberglass mesh, white adhesive, primer, acrylic mortar- painted with final acrylic paint in the color chosen by the investor. | | | m | |  | 12.00 |  |
| 33 | Procurement and transport of materials and fabrication of plinth on the building with the following composition: deep effect basis, grey adhesive, thermal insulation board- extruded polystyrene HPS 10 cm, complete with plastic plugs (5 plugs per 1 m 2 ), fiberglass mesh, white adhesive, primer, mosaic mortar- painted with final colour in the tone desired by the investor. Hight of the plinth N=40 cm per both buildings perimeter. | | | m2 | |  | 20.00 |  |
| **TOTAL 7** | | | | | | | |  |
|  | 8.PAINTING AND DECORATING WORKS | | |  | |  |  |  |
| 34 | Procurement and transport of the material and painting of the interior walls with multicolour paint in two coats after skim coating the wall surfaces. Use of eco- friendly colors. Completed with the use of movable scaffolding. From floor to ceiling height. Paint color as desired by the investor. | | | m2 | |  | 220.00 |  |
| 35 | Procurement and transport of the material and painting the ceilings with multi color paint in two coats after skim coating the ceiling surfaces. Use of eco- friendly paints. Completed with the use of a movable scaffolding. Paint color as desired by the investor. # | | | m2 | |  | 100.50 |  |
| **TOTAL 8** | | | | | | | |  |
|  | 9.CERAMIC TILING WORKS | | |  | |  |  |  |
| 37 | Procurement, transport and installation of wall tiles in sanitary units with artificial granite tiles, using adhesive with open joints of 2 mm filled with waterproof grout from floor to ceiling, and corner metal profiles at intersections. The granite tiles should be from a reputable manufacturer with low water absorption and a minimum thickness of 8 mm (mandatory consultation with the investor before choosing the granite tiles). | | | m2 | |  | 80.00 |  |
| 38 | Procurement, transport and installation of floor tiles in all premises with artificial granite tiles using adhesive. The granite tiles should be from a reputable manufacturer with low water absorption (less than o.1%), breaking strength (min 1100 N), slip resistance R10 or R11, and a minimum thickness of 1 cm. (mandatory consultation with the investor before choosing the granite tiles) The grout should be treated with waterproof grout. The position includes execution of skirting boards of 10 cm where there are no tiled walls. | | | m2 | |  | 100.50 |  |
| 39 | Procurement, transportation and coverage of main entrance platform- podest + exterior entrance stairs (tread + riser) with rought artificial granite tiles for outdoor conditions using adhesive. The granite tiles should be from a reputable manufacturer with low water absorption (less than 0.1%), breaking strenght (min 1100N), slip resistent R10 or R11, frost- resistent- resistent to freezing and abrasion and a minimum tickness of 1 cm. (mandatory consultation with the investor before choosing the granite tiles). | | | m2 | |  | 40.00 |  |
| **TOTAL 9** | | | | | | | |  |
|  | 10. CARPENTRY | | |  | |  |  |  |
|  | NOTE: The measurements of all openings should be taken on spot and according to the provided window and door diagram. Fastening of the casing should be done using HOL struts at a maximum distance of 30 cm evenly around the premiter. The quality of all installed pieces should be confirmed with certification. \*In case the walls/sills are damaged during the removal and installation of the exterior and interior carpentry, the contractor is responsible for repairing them- no additional charges applied. (the quality should be determined on the spot and the contractor should include it in the price). | | |  | |  |  |  |
| 40 | Procurement, transportation, fabrication and installation of PVC joinery made from 6-chamber profiles with three gaskets painted in white RAL 9010, reinforced with galvanized steel 1.5 mm thick , thermos pane glass d+ 4+ 16+4 mm, 90% argon filling, with total heat transfer coefficient max 1.71 w/m 2 K, completed with fittings from a reputable manufacturer according to European standards and certifications, handles, locks and window opening mechanism. Glazing should be done according to the description in each of the diagrams (thermal insulation, door safety) as well as with PVC panels filled with polyurethane foam for doors. The fastening of the frames is with HOL struts and the gap between the window opening and the PVC profiles is filled with expanding foam around the entire perimeter of the profile. Closing condensation openings with plastic caps. The contractor is responsible for repairing any unforeseen damage and should remove the protective tapes from the profiles no later than the day before the technical handover. | | |  | |  |  |  |
|  | Pos. 4 Window 80x80cm | | | No. | |  | 3.00 |  |
|  | Pos. 5 Window portal 150x150 | | | No. | |  | 6.00 |  |
|  | Pos. 6 Indor single door 90x200 | | | No. | |  | 3.00 |  |
|  | Pos.7 Indor portal 170x210cm. | | | No. | |  | 1.00 |  |
|  | Pos. 8 Indoor single door 90x210 | | | No. | |  | 2.00 |  |
|  | Pos. 9 Indoor single door 100x210 | | | No. | |  | 2.00 |  |
|  | Pos. 10 Indoor single door 80x200 | | | No. | |  | 2.00 |  |
| **TOTAL 10** | | | | | | | |  |
|  | 12.FLOORING WORKS | | |  | |  |  |  |
| 41 | Fabrication of cement screed reinforced with synthetic fiber threads with 7 cm thickness in all premices of the small building. | | | m2 | |  | 100.50 |  |
| **TOTAL 12** | | | | | | | |  |
|  | 13.MISCELLANEOUS | | |  | |  |  |  |
| 42 | Procurement, transport, fabrication and installation of interior PVC benches with 25 cm width. | | | m | |  | 13.00 |  |
| 43 | Fabrication and installation of a complete metal railing for the entrance steps and ramp, made of stell profiles F50 mm placed at 1 m interval. Constructed from steel profiles F50 and F20. the railing is 100 cm high and anchors into the concrete slab. The railing will be fully customized and painted in the colour chosen by the investor. Design according to the investor’s preferences. | | | m | |  | 12.50 |  |
| 44 | Installation of facade canvas on the facade of the large building, which is part of the second phase, for its protection. | | | Lump sum | |  | 1.00 |  |
| 45 | Installation of a mechanical ramp for disabled people from the first platform to the entry of the small building. The ramp shall be attached to the wall of the large hall. | | | piece | |  | 1.00 |  |
| **TOTAL 13** | | | | | | | |  |
|  | | **RECAPITULATION ARCHITECTURE** |  | | |  |  | **Total EUR** |
| **1** | | **PREPARATORY WORK** |  | | |  |  |  |
| **2** | | **DIRT AND CONCRETE WORKS** |  | | |  |  |  |
| **3** | | **REINFORCEMENT WORKS** |  | | |  |  |  |
| **4** | | **INSULATION WORKS** |  | | |  |  |  |
| **5** | | **ROOFCOVERING AND CARPENTRY** |  | | |  |  |  |
| **6** | | **SHEET METAL WORKS** |  | | |  |  |  |
| **7** | | **FACADE WORKS** |  | | |  |  |  |
| **8** | | **PAINTING AND DECORATING WORKS** |  | | |  |  |  |
| **9** | | **CERAMIC TILING WORKS** |  | | |  |  |  |
| **10** | | **CARPENTRY** |  | | |  |  |  |
| **12** | | **FLOORING WORKS** |  | | |  |  |  |
| **13** | | **MISCELLANEOUS** |  | | |  |  |  |
|  | | **TOTAL Architecture** |  | | |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| item | DECSRIPTION | Unit | Unit price EUR | Firm quantity | Total EUR |
|  | **WATER SUPPLY AND SANITATION** |  |  | **1.00** |  |
|  | **14.WATER** |  |  |  |  |
| 1 | Procurement and installation of water supply pipes with all accompanying elements (excavation, valves, pipes, connections etc) | Lump sum |  | 1.00 |  |
| 2 | Procurement and installation of sewage pipes with all accompanying elements (excavation, valves, pipes, connections etc) | Lump sum |  | 1.00 |  |
| 3 | Procurement and installation of PP hydrant together with all accompanying elements. | piece |  | 1.00 |  |
| 4 | Installation of sewer connection to an existing network. | piece |  | 1.00 |  |
| 5 | Installation of SOLAR PACKAGE WITH PANEL COLLECTORS- SPP (SOLAR COLLECTORS) with all accompanying elements  Surface from 20 to 2.5 m2; 1 or 2 solar collectors; enamelled boiler from 100 to 300l; electric heater 9kW; differential thermostat DT-3; expansion vessel from 8 to 24l; pump group; automatic solar pot; capacity from 2 to 6 people. | Lump sum |  | 1.00 |  |
| 6 | Examining the network | Lump sum |  | 1.00 |  |
| **TOTAL 14** | | | |  |  |
|  | **15. SANITATION** |  |  |  |  |
| 7 | Procurement, transport and installation of sinks with all accompanying elements | piece |  | 3.00 |  |
| 8 | Procurement, transport and installation of toilet seat with all accompanying elements | piece |  | 1.00 |  |
| 9 | Procurement, transport and installation of toilet seat for individuals with disabilities with all accompanying elements | piece |  | 1.00 |  |
| 10 | Procurement, transport and installation of shower cabins with all accompanying elements | piece |  | 1.00 |  |
| 11 | Procurement, transport and installation of mirrors above the sinks. | piece |  | 3.00 |  |
| **TOTAL 15** | | | |  |  |
|  | **RECAPITULATION WATER and SANITATION** |  |  |  | **Total EUR** |
| **14** | **WATER** |  |  |  |  |
| **15** | **SANITATION** |  |  |  |  |
|  | **TOTAL WATER SUPPLY and SANITATION** |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **item** | **DECSRIPTION** | **Unit** | **Unit price EUR** | **Firm quantity** | **Total EUR** |
|  | ELECTRIC |  |  |  |  |
|  | STRUCTURAL INSTALATIONS |  |  |  |  |
|  | 16. ELECTRICAL POWER PLUG |  |  |  |  |
| 1 | *Procurement, transport and installation of power supply lines for external lighting placed in an underground trench with dimensions 0,4m x 0,8m in a hard PE hose diameter 70mm.* |  |  |  |  |
| 2 | Machine or manual excavation of soil with dimensions (0,8m x 0,4m) for placing power supply cable conduits and communication conduits. The length of the excavation shall be 60m, resulting in (0,8m x 0,4m x 60m length) = 19,2m3. | m3 |  | 19.20 |  |
| 3 | Layering of fine sand with minimum thickness of 10cm under and above PE hoses f70mm (0,3m x 0,4m x 60m length- hose pipe diameter) = 7,2m3. | m3 |  | 7.20 |  |
| 4 | Placement of PE pipe with 70 mm diameter, layering of fine sand for placement of some of the power supply cable conduits and some of the electrical communication cable conduits. | m |  | 60.00 |  |
| 5 | Placement of warning tape on power cable line over the PE pipes. | m |  | 60.00 |  |
| 6 | Mechanic and manual trench filling with the remaining excavated soil into layers from 20cm to 30cm, compacting it to approximately natural density (0,5m x 0,4m x 60m length) = 12m3. | m3 |  | 12.00 |  |
| 7 | Loading excess excavated soil from the trench and transporting it to a distance of 5km. 19,2m3 + 10% soil compaction x 19,2m3 = 21,1m3 | m3 |  | 21.10 |  |
|  | **TOTAL 16:** | | | |  |
|  | **17. SWITCHBOARD** |  |  |  |  |
| 1 | Procurement, transport and installation of a RT-2 Switchboard. The switchboard shall be expandible, made out of fire- resistant plastic and the equipment is installed according to a single- line scheme. Including: |  |  |  |  |
| Automatic switch FID 63/0,03A piece 1 |  |  |  |  |
| Automatic Fuse B10A,1p piece 6 |  |  |  |  |
| Automatic Fuse B16A,1p piece 11 |  |  |  |  |
| Automatic Fuse B16A,3p piece 2 |  |  |  |  |
| Automatic Fuse C16A, 1p piece 3 |  |  |  |  |
| Paid all together. | piece |  | 1.00 |  |
| 2 | Installation of cable conduits led into PE hose placed in a hollow ceramic clock under mortar: PP-Y-3x1,5mm2 | m |  | 300.00 |  |
| 3 | Installation of cable conduits led into PE hose placed in a hollow ceramic clock under mortar: |  |  |  |  |
| PP-Y-3x2,5mm2 | m |  | 345.00 |  |
| PP-Y-5x2,5mm2 | m |  | 30.00 |  |
| 4 | Installation of two- pole and three- pole Shuko sockets 16A, 220V/380V with grounding contact |  |  |  |  |
| Single phase Shuko socket | piece |  | 10.00 |  |
| Single phase Schuko socket (double) | piece |  | 9.00 |  |
| Three phase Schuko socket | piece |  | 1.00 |  |
| Single phase Schuko socke type UG- WC and Bathroom. | piece |  | 1.00 |  |
| Single phase Schuko socket Type UG- for air conditioner | piece |  | 3.00 |  |
| 5 | Procurement and installation of light switches for façade panel installation: |  |  |  |  |
| Regular | piece |  | 2.00 |  |
| Series | piece |  | 4.00 |  |
| Alternating | piece |  | 8.00 |  |
| Crossed | piece |  | 2.00 |  |
| 6 | Installation on ceiling LED lights: |  |  |  |  |
| Led Light (23W), IP-54 | piece |  | 3.00 |  |
| LED surface mounted panel LSO 600mm x 600mm, 34W, 4350lm, 4000K, IP 20, (50000h - L80B20) (or a similar type by choice of the investor with same or better features) | piece |  | 8.00 |  |
| LED surface mounted panel1200mm x 300mm, 54W, 4450lm, 4000K, IP 20, (50000h - L80B20) ( or a similar type by choice of the investor with same or better features) | piece |  | 5.00 |  |
| LED emergency light 3W, IP 20 | piece |  | 7.00 |  |
| 7 | Excavation of a category III trench from category as foundation for the light poles with planed ground surface level using machinery or manual labour, with the following dimensions:  0,8m x 0,8m x 1m = 0,64m3 |  |  |  |  |
| 0,64m3 x 5 poles = 3,2m3 | m3 |  | 3.20 |  |
| 8 | Construction of concrete foundation for the placement of 4 m steel poles for lighting fixtures with concrete trade mark MB 30 on a solid and stable base, so the plane is in a level with the planned ground surface and with installation of anchors in the concrete for the poles, as well as placement of ribbed conduit with a diameter of 63mm for pulling the power cable. |  |  |  |  |
| 0,8m x 0,8m x 1m = 0,64m3 | piece |  | 5.00 |  |
| 9 | Instalment of anchor baskets with 4 anchors each, supplied with poles and plastic conduit d=50mm, L=2m for cable entry and exit. Fully prepared for operation is chargeable. | piece |  | 5.00 |  |
| 10 | Procurement, transport and installation of power cable PPOO Y 3x1,5mm2, from a series switch to a light placed on the pole for parking lighting. Complete with both ends connection. Full installation is chargeable. | m |  | 66.00 |  |
| 11 | Procurement, transport and installation of 4 m poles. Connection box is placed on the pole for input and output of the power cable with IP 54 protection, type EKM 2035-1D2, with two D II 16A fuses, anchor basket, lifted with a hoist and centred. The pole should be protected with base colour according to investor’s choice. | piece |  | 5.00 |  |
| 12 | Procurement, transport and installation of park light type: 1202 Polar IP65, IK08 along with LED light OSRAM 30W 4000lm, 4000K, mounted on the metal poles with hight H=4m. | piece |  | 5.00 |  |
| 13 | Installation of suspended ceiling, and a part in a hollow ceramic floor plaster hose for installation pipes. |  |  |  |  |
| CS 16 mm | m |  | 645.00 |  |
| CS 20 mm | m |  | 30.00 |  |
|  | **TOTAL 17:** | | | |  |
| 18 | LOW-VOLTAGE INSTALATIONS |  |  |  |  |
|  | Procurement, transport and installation of smoke detection and alarm installation. |  |  |  |  |
| 1 | Fire alarm control panel with one zone for fire detection and notification, electrical circuit for sirens and a possibility of connection to a computer with both day and night operation modes | piece |  | 1.00 |  |
| 2 | Ultra cell dry battery 12VDC/12Ah enabling the system to operate 220VAC w/o mains source | piece |  | 2.00 |  |
| 3 | Combined optic smoke detector. | piece |  | 6.00 |  |
| 4 | Optic manual fire alarm kit with pedestal | piece |  | 1.00 |  |
| 5 | Flashing light – plaster serene with built- in base for wall mount, 51 tone levels and 13 sound intensity levels. | piece |  | 1.00 |  |
| 6 | Outdoors double – armoured fire siren with strobe light and 2,4Ah rechargeable battery | piece |  | 1.00 |  |
| 7 | Installation, connection, testing, system programming, commissioning, certification from competent organisation, instructions and operation training. | piece |  | 1.00 |  |
| 8 | PP installation cable 2x2x0,8mm2 with solid cord and shielding, non-flammable red. | m |  | 220.00 |  |
|  | TOTAL 18: | | | |  |
| **19** | **Television and Telecommunication installation** |  |  |  |  |
| 1 | Delivery and assembly of RACK cabinet kit with all necessary small and unforeseen material completed with a socket. | piece |  | 1.00 |  |
| 2 | Delivery and installation of telephone and computer connections | piece |  | 6.00 |  |
| 3 | Delivery and installation of connection line FTP Cable cat 6E 4x2x0,5mm/CS 16mm for telephone and computer connectors. | m |  | 180.00 |  |
| 4 | f16mm. | m |  | 80.00 |  |
| 5 | Delivery and installation of RTV connections, installed in premisses selected by the investor. | piece |  | 4.00 |  |
|  | **TOTAL 19** | | | |  |
| **20** | **Video Surveillance Installation** |  |  |  |  |
| 1 | Delivery and installation of 32 net channel recorder. A complete set including a connector. | piece |  | 1.00 |  |
| 2 | Delivery and installation of HD LCD 32" monitor | piece |  | 1.00 |  |
| 3 | Delivery and installation of 5MP outside cameras completed with a stand | piece |  | 4.00 |  |
| 4 | Delivery and installation of 5MP inside cameras completed with a stand | piece |  | 1.00 |  |
| 5 | Delivery installation of HDD 3,5" 4TB Seagate for surveillance 24/7 | piece |  | 1.00 |  |
|  | **TOTAL 20:** | | | |  |
| 21 | POWER INSTALATION TESTING |  |  |  |  |
| 1 | Testing of the entire installation embedded in the construction complex, auxiliary facility, protective grounding and functionality of the early- start lightning rod | Lump sum |  | 1.00 |  |
|  | **TOTAL 21:** | | | |  |
|  | \* The specification of the materials in the Bill of Quantity may be replaced with other materials with the same features or better, from reputable manufacturers |  |  |  |  |
|  |  |  |  |  |  |
|  | RECAPITULATION ELECTRIC: |  |  |  |  |
| 16-17 | А: STRUCTURE INSTALATIONS |  |  |  |  |
| 18-20 | Б: LOW- VOLTAGE INSTALATIONS |  |  |  |  |
| 21 | В: POWER SUPPLY TESTING |  |  |  |  |
|  | **TOTAL ELECTRIC** |  |  |  |  |
| item | DECSRIPTION | Unit | Unit price EUR | Firm quantity | Total EUR |
| 22 | FIRE PROTECTION |  |  |  |  |
| 1 | Fire Extinguisher of the type Ѕ-9 | piece |  | 4 |  |
|  | TOTAL 22 Fire protection | | | |  |
|  | LANDSCAPING AND URBAN EQUIPMENT |  |  |  |  |
| 23 | EARTHWORKS AND HORTICULTURE |  |  |  |  |
| 1 | Machine excavation 20-30 cm of soil (grass in front of the building + parking) and transport of extra material to a place designated by the investor | m3 |  | 170.12 |  |
| 2 | Levelling and compacting with a roller over the entire surface of the park | m2 |  | 567.05 |  |
| 3 | Procurement, transport and installation of humus soil at the locations designated for the lawn with a depth of 20-30см | m3 |  | 64.00 |  |
| 4 | Levelling and milling the humus | m2 |  | 320.00 |  |
| 5 | Procurement and installation of grass seed (for about 2.000 м2 100kg of grass should be sown) | kg |  | 16.00 |  |
| 6 | Sowing grass | m2 |  | 320.00 |  |
| 7 | Procurement, transport and installation of buffering material d=20sm as a base for behaton tiles | m3 |  | 49.20 |  |
| 8 | Procurement, transport and installation of the base layer under the interlocking pavers (for pathways on the ground floor and parking areas) | m2 |  | 247.05 |  |
| 9 | Procurement, transport and installation of paver elements- behaton tiles | m2 |  | 247.05 |  |
| 10 | Procurement, transport and installation of small park edges above the concrete base MB30 | m1 |  | 113.20 |  |
|  | PLANTING SEEDLINGS |  |  |  |  |
| 11 | Planting seedlings ACER PLATANO IDES – Maple circumference 10-12 cm h=3-3,5м, (planted on 3 m interval) | piece |  | 8.00 |  |
| 12 | Planting seedlings Katalpa - h=3-3,5m | piece |  | 5.00 |  |
| 13 | Planting seedlings THUJA DENICA WOODWORD circumference 60-80см (planted on an interval of 1m) | piece |  | 8.00 |  |
| 14 | Planting seedlings THUJA SMARAGD circumference 60-80 cm (planted on 1 m interval) | piece |  | 8.00 |  |
| 15 | Planting seedlings Mahonia eurybracteata ‘Soft Caress’ h=60-80 m, ornamental shrub, blooming period August- September, evergreen species (perennial) | piece |  | 8.00 |  |
|  | **TOTAL 23** | | | |  |
| 24 | MISCELLANEOUS |  |  |  |  |
| 1 | Instalment of bile repair station made of steel construction 120/120/3mm, 160/80/4mm circular profile F42/2 mm covered with neoprene strip. Fastened with 4 anchor bolts 10/100 to a foundation dimensions 50/50/50cm made of МБ20. The set includes: cross- head screwdriver, flat- head screwdriver, hex key (2.5, 3, 4, 5, 6, 8 mm) spanner for fitting, axel key, star- shaped wrenches (8, 9, 11mm), two rubber mallets. The excavation and soil removal are the responsibility of the Contractor and should be included in the price along with all associated elements. | m |  | 2.00 |  |
| The entire assembly is electronically painted in a shade according to the investor’s preference. |  |  |  |  |
| The position includes concrete base where the element shall be attached. |  |  |  |  |
| 2 | Procurement, transport and installation of park benches according to a sketch | piece |  | 5.00 |  |
| 3 | Procurement, transport and installation of park benches according to a sketch | piece |  | 4.00 |  |
| 4 | Procurement, transport and installation of urban equipment bike parking holders made of concrete and metal elements according toa sketch | m1 |  | 17.00 |  |
| 5 | Cleaning of the memorial plaque and the space around it | Lump sum |  | 1.00 |  |
|  | **TOTAL 24** | | | |  |
| 25 | IRROGATION |  |  |  |  |
| 1 | Manual excavation of a trench for water supply (from the existing connection to the water fountain, for placing PE hose f40 with depth 0.80 cm and width 0.25cm, (0.8х0.25х30) | m3 |  | 6.00 |  |
| 2 | Procurement, transport and installation of PE hose (f40) for water supply from the shaft to the drinking water fountain | m1 |  | 30.00 |  |
| 3 | Manual coverage of the trench with the excavated soil | m3 |  | 6.00 |  |
| 4 | Manual digging of a drainage for PVC pipes, f 40 (0,8х0,25х15) | m3 |  | 3.00 |  |
| 5 | Procurement, transport and installation of PVC pipes F75 for water drainage from the fountain to the closest sewage manhole | m1 |  | 17.00 |  |
| 6 | Manual covering of the trench with the excavated soil material. | m3 |  | 3.00 |  |
| 7 | Procurement, transport and installation of PE hose (f40) for water supply for park irrigation (integrate sprinklers) | m1 |  | 8.30 |  |
| 8 | Manual covering of the trench with the excavated soil material. | m3 |  | 22.00 |  |
| 9 | Manual excavation of a water supply trench (from f40 to the sprinklers) for the placement of a PE hose f20, 0.30 cm deep and 0.30 cm wide together with the sprinklers, (0.3х0.3х200) | m3 |  | 10.00 |  |
| 10 | Procurement, transport and installation of PE hose (f20) for water supply for the park irrigation | m1 |  | 70.00 |  |
| 11 | Procurement, transport and installation of irrigation sprinklers. | piece |  | 14.00 |  |
|  | Uni-spray sprinklers of different ranges |  |  |  |  |
|  | Operation pressure 1,4 - 3,5 atm. Adjustable angle: from 0° to 360°. |  |  |  |  |
| 12 | Manual covering of the trench with the excavated soil material. | m3 |  | 10.00 |  |
| 13 | Procurement, transport and installation of a base for a fountain using prefabricated parts together with the faucet and all other assembling parts (design according to investor’s preference) | piece |  | 1.00 |  |
| 14 | Installation of e new water supply shaft | piece |  | 1.00 |  |
| 15 | Installation of e new sewage shaft | piece |  | 1.00 |  |
| 16 | Network testing | Lump sum |  | 1.00 |  |
|  | **TOTAL 25** | | |  |  |

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|  | RECAPITULATION LANDSCAPING AND URBAN EQUIPMENT: |  |  |  |  |
| 23 | EARTHWORKS AND HORTICULTURE |  |  |  |  |
| 24 | MISCELLANEOUS |  |  |  |  |
| 25 | IRROGATION |  |  |  |  |
|  | **TOTAL LANDSCAPING AND URBAN EQUIPMENT** |  |  |  |  |

**TOTAL RECAPITILATION**

|  |  |  |
| --- | --- | --- |
| **1-13** | **ARCHITECTURE** |  |
| **14-15** | **WATER SUPPLY AND SANITATION** |  |
| **16-21** | **ELECTRIC** |  |
| **22** | **FIRE PROTECTION** |  |
| **23 - 25** | **LANDSCAPING AND URBAN EQUIPMENT** |  |
|  | **TOTAL** |  |
|  | **VAT 18%** |  |
|  | **TOTAL with VAT** |  |