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 breakdown must coincide with the payment-definition chosen in Article 49 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**

All the works are to be carried out according to the plans, technical description, technical conditions, priced bill of quantities for the works, current technical regulations and standards and the instructions of the supervising authority. The unit price for each position shall include all necessary elements for its formation so it is made final in the offer. The contracted prices are contractor's selling prices and they include all expenses for the works, materials with usual losses, necessary stages, external and internal transport, scaffolding and formwork (in case they are not planned for certain positions for works by this priced bill of quantities) water, lighting, power supply and energy for the machines, storehouses for the materials.

Material: The price of material comprises the purchase price of the main, auxiliary and binding material, along with the procurement costs, price of external and internal transport with all necessary loading, unloading, storage, keeping and shifting. The purchase of material must be approved by the Investor, based on the submitted samples, data sheets and approval of the Supervising Authority.

Works The value of works includes the main and auxiliary works in all necessary operations included in the priced BoQ, all the works in the internal transport and all the works for the protection of the performed works. The offer shall incude all quotients and expenses which arise from the special working conditions prescribed by the Average norms in civil engineering (the height of the object, shape, etc.). In the calculation of works no quotients shall be used, but only the actual quantity of performed works and the units of measurement.

Other costs and charges: The bidder must include in the price all hygiene, technical and safety measures for workers' personal safety, safety at the site and its surroundings, cleaning and maintenance of order at the site during the execution of construction works.

The bidder must also include in the price the manufacture of test samples.

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| **А) Priced bill of quantities of works (Part A)** | | | | | | | |  |
| **Ord. No.** | **DESCRIPTION OF WORKS** | **Unit** | **Qty** |  | **Price** |  | **Total (RSD)** | **Total (EUR)** |
| **1** | **Pedestrian path from "Mladost" building to the yellow pedestrian bridge** | | | | | | |  |
| 1.1 | Geodetic recording and surveying of the terrain before, during and after the completed works. Flat rate calculation | | | | | | |  |
|  |  | flat | 1 | x |  | = |  |  |
| 1.2 | Mechanical excavation of category 3 and 4 soil up to a depth of 30 cm with loading and transportation to the municipal landfill. Part of good soil is to be spread by the curbs. The item also includes spreading and levelling (ground levelling with subsoil rolling to the required compaction of Mc=40Mpa. Calculation per m3 of compacted soil | | | | | | |  |
|  |  | m³ | 680 | x |  | = |  |  |
| 1.3 | Procurement, transportation and installation (filling and rolling) of fine crushed stone 0-31mm to the required compaction Mc=40MPa, thickness 20cm. Calculation per m³ | | | | | | |  |
|  |  | m³ | 470 | x |  | = |  |  |
| 1.4 | Procurement, transportation and installation of grey concrete vibro-pressed curbs, dimensions 24/18/80cm (sloped) on a concrete base and crushed stone tampon. The concrete for placing the curb and the necessary grouting of the curb is included in the price of the item. Calculation per m¹ | | | | | | |  |
|  |  | m¹ | 1500 | x |  | = |  |  |
| 1.5 | Procurement, transportation and installation of asphalt for a 3.00m wide pedestrian-bicycle path with a thickness of 6cm , BNHS 16 with red painting of the lines and part of the path (bicycle path). Calculation per m² | | | | | | |  |
|  |  | m² | 2290 | x |  | = |  |  |
|  |  |  |  |  | **Total (1):** |  |  |  |
| **2** | **Pedestrian path from the yellow pedestrian bridge to "Zlnska petlja"** | | | | | | |  |
| 2.1 | Geodetic recording and surveying of the terrain before, during and after the completed works. Flat rate calculation | | | | | | |  |
|  |  | flat | 1 | x |  | = |  |  |
| 2.2 | Mechanical excavation of category 3 and 4soil up to a depth of 30cm with loading and transportation to municipal landfill. Part of the good soil is to be spread by the curbs. The item includes spreading and levelling (ground levelling with subsoil rolling to the required compaction of Mc=40Mpa. As needed the position includes cutting and removal of tall bushes and trees Calculation per m3 of soil in a compacted state. | | | | | | |  |
|  |  | m³ | 990 | x |  | = |  |  |
| 2.3 | Procurement, transportation and installation (filling and rolling) of fine crushed stone 0-31mm to the required compaction Mc=40MPa thickness 20cm. Calculation per m³ | | | | | | |  |
|  |  | m³ | 690 | x |  | = |  |  |
| 2.4 | Procurement, transportation and installation of grey concrete vibro-pressed curbs, dimensions 24/18/80cm on a concrete base and crushed stone tampon. The concrete for placing the curb and the necessary grouting of the curb is included in the price of the item. Calculation per m¹ | | | | | | |  |
|  |  | m¹ | 2150 | x |  | = |  |  |
| 2.5 | Procurement, transportation and installation of asphalt for a 3.00m wide pedestrian-bicycle path with a thickness of 6cm , BNHS 16 with red painting of the lines and part of the path (bicycle path). calculation per m² | | | | | | |  |
|  |  | m² | 3400 | x |  | = |  |  |
|  | | | | | **Total (2):** |  |  |  |
| **SUMMARY OF WORKS - PART A** | | | | | | | |  |
| **1** | **Pedestrian path from "Mladost" building to the yellow pedestrian bridge** | | | | | |  |  |
| **2** | **Pedestrian path from the yellow pedestrian bridge to "Zlnska petlja"** | | | | | |  |  |
|  | **Total:** | | | | | |  |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **Б) Priced bill of quantities of works (Part E)** | | | | | |  |
| **No.** | **Item** | **Unit** | **Quantity** | **Price** | **Total (RSD)** | **Total (EUR)** |
| **1** | **Pedestrian path from the object in Njegoseva Street to the yellow pedestrian bridge** | | | | |  |
| 1.1 | Mechanical excavation of category 3 and 4 soil for trenches for cable laying and Fe/Zn earthing strip dimensions 40x60 cm. Calculation per m3 of excavated soil. | m3 | 190 |  |  |  |
| 1.2 | Manual excavation of soil for foundation feet, dimensions 60/60/80 cm. The excavated soil is to be spread on the side. Calculation per m3. | m3 | 5.5 |  |  |  |
| 1.3 | Fabrication of foundation concrete feet with anchor plate with formwork and concreting with MB25 concrete, with built-in protective hose for concrete Ø32 for the input and output cable and formation of the grounding strip along the foot of the pillar for the connection to the pillar. Calculation per m3. | m3 | 5.5 |  |  |  |
| 1.4 | Procurement, delivery and installation of cable PP00-А 2x16mm2 on a 10cm layer of sand, total calculation per m | m | 830 |  |  |  |
| 1.5 | Procurement, transport and installation of cold-rolled steel galvanized strip Fe/Zn 4x24mm2. Also includes the strip for connecting to the poles. Calculation per m. | m | 830 |  |  |  |
| 1.6 | Procurement, delivery and installation of earthing terminal for lamps with a decorative piece with three tiles and a whisker to the lamp post. Calculation per piece | pcs | 19 |  |  |  |
| 1.7 | Procurement and installation of GAL cable protectors. Calculation per m. | m | 790 |  |  |  |
| 1.8 | Procurement and installation of PVC warning tape. Calculation per m | m | 790 |  |  |  |
| 1.9 | Mechanical backfilling of trenches in layers with layer compaction. Calculation per m3 | m3 | 190 |  |  |  |
| 1.10 | Procurement, delivery and installation of low-mounted segmental lighting poles with a two-pole RP plate and fuses with wiring in the pole, painted with base paint and final paint according to the investor's choice, connected with appropriate lugs Al/Cu 16/8 power cables. The feet are insulated with heat-shrinkable foam with glue. Calculation per piece | pcs | 19 |  |  |  |
| 1.11 | Procurement, delivery and installation of built-in LED lamps 50W, type FM-G BP5 50W 6500K or another manufacturer's lamp with the same characteristics and design according to the investor's wish. The mounting hole on the pole and on the lamp are of the same diameter. calculation per piece | pcs | 19 |  |  |  |
| 1.12 | Procurement, delivery and installation of cable PP00-А 2x16mm2 for connecting to the existing network and the existing street lamp on the bridge. The Item also includes partial excavation and burying the cable to the bridge, as well as the passage on the underside of the bridge where it connects to the existing lamp. The set is with protective hoses, feet and other fastening material. calculation per m. | m | 50 |  |  |  |
| 1.13 | Measurement and testing of the performed grounding with the issuance of an Expert report on the correctness of the performed onstallations. Flat rate calculation | pcs | 1 |  |  |  |
| 1.14 | Connection and commissioning of the public lighting system Flat rate calculation | pcs | 1 |  |  |  |
|  | | | |  |  |  |
| **TOTAL(1)** |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **2** | **Pedestrian path from the yellow bridge to "Zlnska petlja"** | | | | |  |
| 2.1 | Mechanical excavation of category 3 and 4 soil for trenches for cable laying and Fe/Zn earthing stip dimensions 40x60 cm. Calculation per m3 of excavated soil. | m3 | 265 |  |  |  |
| 2.2 | Manual excavation of soil for foundation feet, dimensions 60/60/80 cm. The excavated soil is to be spread on the side. Calculation per m3. | m3 | 7 |  |  |  |
| 2.3 | Fabrication of foundation concrete feet with anchor plate with formwork and concreting with MB25 concrete, with built-in protective hose for concrete Ø32 for the input and output cable and formation of the grounding strip along the foot of the pillar for the connection to the pillar. Calculation per m3. | m3 | 7 |  |  |  |
| 2.4 | Procurement, delivery and installation of cable PP00-А 2x16mm2 on a 10cm layer of sand, total calculation per m | m | 1200 |  |  |  |
| 2.5 | Procurement, transport and installation of cold-rolled steel galvanized strip Fe/Zn 4x24mm2. Also includes the strip for connecting to the poles. Calculation per m. | m | 1200 |  |  |  |
| 2.6 | Procurement, delivery and installation of earthing terminal for lamps with a decorative piece with three tiles and a whisker to the lamp post. Calculation per piece | pcs | 24 |  |  |  |
| 2.7 | Procurement and installation of GAL cable protectors. Calculation per m. | m | 1100 |  |  |  |
| 2.8 | Procurement and installation of PVC warning tape. Calculation per m | m | 1100 |  |  |  |
| 2.9 | Mechanical backfilling of trenches in layers with layer compaction. Calculation per m3 | m3 | 265 |  |  |  |
| 2.10 | Procurement, delivery and installation of low-mounted segmental lighting poles with a two-pole RP plate and fuses with wiring in the pole, painted with base paint and final paint according to the investor's choice, connected with appropriate lugs Al/Cu 16/8 power cables. The feet are insulated with heat-shrinkable foam with glue. Calculation per piece | pcs | 24 |  |  |  |
| 2.11 | Procurement, delivery and installation of built-in LED lamps 50W, type FM-G BP5 50W 6500K or another manufacturer's lamp with the same characteristics and design according to the investor's wish. The mounting hole on the pole and on the lamp are of the same diameter. calculation per piece. | pcs | 24 |  |  |  |
| 2.12 | Procurement, delivery and installation of cable PP00-А 2x16mm2 for connecting to the existing network and the existing street lamp on the bridge. The Item also includes partial excavation and burying the cable to the bridge, as well as the passage on the underside of the bridge where it connects to the existing lamp. The set is with protective hoses, feet and other fastening material. calculation per m. | m | 100 |  |  |  |
| 2.13 | Measurement and testing of the performed grounding with the issuance of an Expert report on the correctness of the performed onstallations. Flat rate calculation | pcs | 1 |  |  |  |
| 2.14 | Connection and commissioning of the public lighting system Flat rate calculation | pcs | 1 |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | **Total(2)** |  |  |
| **TOTAL ( Total 1 + Total 2)** | | | | |  |  |

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| **SUMMARY RECAPITULATION OF WORKS (Part А and Е)** | | | | |  |
| **1** | **Pedestrian path from "Mladost" building to the yellow pedestrian bridge** | | |  |  |
| **2** | **Pedestrian path from the yellow pedestrian bridge to "Zlnska petlja"** | | |  |  |
|  | | | | |  |
|  | | **Total:** |  |  |  |
| **VAT: 20%** |  |  |  |
| **Total (RSD):** |  |  |  |