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:

Through the measurement of the percentage of works carried out in relation to the firm quantities of each item of the breakdown of the lump-sum price and by applying that percentage to the lump-sum price of the related item

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**

**BILL OF QUANTITIES-CALCULATION**

1. Construction of Walking Trail to the Monastery St. Joakim Osogovski

and regulation of the Riverbed from 0+000.00 km to 0+163.04

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| **I** | **PREPARATION WORKS** |  |  | **price in EUR** | Total |
| 1 | Marking and ensuring of the alignment and the Walking Trail | m | 163.04 |  |  |
| **II** | **GROUND WORKS** |  |  |  |  |
| 1 | Removing the layer of earth from the surface layers with an average thickness of d=20cm | m3 | 97.82 |  |  |
| 2 | Mechanical excavation of the earth of 3rd and 4th category in a wide excavation from | m3 | 39.24 |  |  |
| 3 | Backfilling with selected material from POS II.1 I II.2 | m3 | 126.93 |  |  |
| 4 | Driving away the earthlike material for embankment at a distance up to 5km | m3 | 10.13 |  |  |
| 5 | Planning and rolling the bed by width planned for the projected lateral profiles | m2 | 326.08 |  |  |
| **III** | **UPPER LAYER -TRAILS** |  |  |  |  |
| 1 | Construction of tampon layer made of fractional and crushed material ( according to the tables of the Earth masses)-trails | m3 | 63.59 |  |  |
| 2 | Supplying, Transport and mounting stone tiles (shales)with an average depth of 5 cm on the previously prepared layer of cement d=7cm (the cement should be included in the price) | m2 | 326.08 |  |  |
| 3 | Making concrete edges on both sides of the trail which are lined with stone tiles with MB 30 with required revement | m | 326.08 |  |  |
| **IV** | **LIGHTING** |  |  |  |  |
| 1 | Supplying and mounting of candelabras at a distance of 15-17 m1 with height of h1=3.00 m1, and lyre with curvature (nap.8) | pcs | 8 |  |  |
|  | **Total 0+000.00 km to 0+163.04** |  |  |  |  |
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1. Construction of Walking Trail to the Monastery St. Joakim Osogovski and regulation of the riverbed from 0+000.00km to 0+722.29

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| **I** | **PREPARATION WORKS** |  |  |  |  |
| 1 | Marking and ensuring of the alignment and the Walking Trail | m | 722.29 |  |  |
| **II** | **GROUND WORKS** |  |  |  |  |
| 1 | Removing the layer of earth from the surface layers with an average thickness of d=20cm | m3 | 1011.21 |  |  |
| 2 | Mechanical excavation of the earth of 3rd and 4th category in a wide excavation form | m3 | 1221.00 |  |  |
| 3 | Backfilling with selected material from POS II.1 I II.2 | m3 | 1,807.91 |  |  |
| 4 | Driving away the earthlike material for embankment at a distance up to 5km II.1 I II.2 | m3 | 424.30 |  |  |
| 5 | Planning and rolling the bed by width planned for the projected lateral profiles | m2 | 4,189.28 |  |  |
| **III** | **UPPER LAYER-TRAILS** |  |  |  |  |
| 1 | Construction of tampon layer made of fractional and crushed material (according to the tables of the Earth masses)-channel | m3 | 1,076.50 |  |  |
| 2 | Supplying, transport and mounting stone tiles (shales)with an average depth of 5cm on the previously prepared layer of cement d=7cm (the cement should be included in the price) | m2 | 1,444.58 |  |  |
| 3 | Making concrete edges on both sides of the trail wich are lined with stone tiles with MB 30 with reguired revetment | m | 722.29 |  |  |
| **IV** | **CONSTRUCTION OF THE MINOR RIVERBED** |  |  |  |  |
| 1 | Brickwork-coating the walls and the bottom of the minor riverbed with stone d=20cm and grouting with cement mortar | m2 | 2,802.68 |  |  |
| **V** | **AB SLATY OVERHANG** |  |  |  |  |
|  | **1 GROUND WORKS** |  |  |  |  |
| 1 | Manual excavation of the ground, 3rd category for a strip like bases of the pedestrian flaws | m3 | 15 |  |  |
| 2 | Supplying and spreading a layer of gravel beneath the bedrock | m3 | 2.25 |  |  |
| 3 | Backfilling of the ground | m3 | 15 |  |  |
|  | **2 CEMENT AND REINFORCED CONCRETE WORKS** |  |  |  |  |
| 1 | Cementing the strip like bases with MB 30 in the ground | m3 | 3 |  |  |
| 2 | Cementing of AB canvases with MB 30 with necessary coating and necessary supporters | m3 | 3 |  |  |
| 3 | Cementing of AB arch plate for bridge with MB 30 with necessary coating and necessary supporters | m3 | 4.125 |  |  |
| 4 | Cementing of AB cement parapets 20/20 with MB30 with necessary coating and necessary supporters | m3 | 0.44 |  |  |
|  | **3 REINFORCING WORKS** |  |  |  |  |
| 1 | Supplying and constructing of ribbed armature PA 400/500-2 -an assumed | kg | 850.0 |  |  |
|  | **4 BRIDGE FENCE** |  |  |  |  |
| 1 | Constructing a fence of rounded lumber protectively painted in all according to the detail | m | 14 |  |  |
| **VI** | **TRAIL FENCE** |  |  |  |  |
| 1 | Izrabotka na ograda od obla drvena gra|a - za{titno oboena vo se prema detal | m | 722.29 |  |  |
| **VII** | **PLACE FOR REST** |  |  |  |  |
| 1 | Construction and mounting with fixing park benches made of combination of wood and metal according to a detail | pcs | 4.00 |  |  |
| 2 | Construction and mounting of metal rubbish bins-according to a detail | pcs | 2.00 |  |  |
| 3 | Supplying, transport and mounting of stone tiles with an average thickness of 5cm on the previously placed cement base with cement of d=7cm (cement should be included in the price) | m2 | 10.00 |  |  |
| 4 | Construction of concrete edges on the three sides of the place for rest with MB 30 with necessary coating | m | 14.00 |  |  |
|  | **Total 0+000.00km to 0+722.29** |  |  |  |  |
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| 1. ELECTRICAL INSTALATION |  |  |

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| 1 | Delivery of N.K.R.O. closet made of twice pickled sheet metal with a thickness of 2mm in a set with splints for splitting, zero and grounding, placed on concrete foundation | pcs | 1 |  |  |
| 2 | Delivery of a base for knifelike fuses and 3 knifelike fuses HM 00 35 A | pcs | 1 |  |  |
| 3 | Delivery of automatic fuses | pcs |  |  |  |
|  | 16A |  | 6 |  |  |
|  | 10A |  | 3 |  |  |
| 4 | Delivery of differential switches for protection | pcs |  |  |  |
|  | FID 25/0.5 A |  | 1 |  |  |
| 5 | Delivery of a photo relay with probe | pcs | 1 |  |  |
| 6 | Delivery of a OG shuko power outlet | pcs | 2 |  |  |
| 7 | Delivery of a OG three-phase power outlet | pcs | 2 |  |  |
| 8 | Delivery of a ridged switch 10-10Y | pcs | 3 |  |  |
| 9 | Delivery of a ambient candelabra for parter lighting of the walking trail with H=(3,2-3,5)m, and a set with two lyre | pcs | 44 |  |  |
| 10 | Delivery of a power saving fluo light bulb with power of 26 W | pcs | 88 |  |  |
| 11 | Delivery of a cable lugs AI-Cu 35mm2 | pcs | 130 |  |  |
| 12 | Delivery of cables with the following dimensions: | m |  |  |  |
|  | RR oo A 4h35 mm |  | 925.33 |  |  |
| 13 | Delivery of a galvanized iron track Fe-Zn 25h4mm | m | 925.33 |  |  |
| 14 | Delivery of crossed tiles 60 x 60 | pcs | 50 |  |  |
|  | **Total electrical installation** |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **RECAPITULATION** |  |  |  |  |
| A | WALKING TRAIL-1 (0+000.00 km to 0+163.04) |  |  |  |  |
| B | WALKING TRAIL WITH THE RIVERBED -PART 1 (0+000.00km to 0+722.29) |  |  |  |  |
| C | ELECTRICITY 1st phase- electrical installation |  |  |  |  |
|  | **TOTAL COST OF THE WORKS in EUROS** |  |  |  |  |
|  | VAT 18 % |  |  |  |  |
|  | TOTAL COST OF THE WORKS IN EUROS |  |  |  |  |
|  |  |  |  |  |  |
|  | TOTAL COST OF THE WORKS in DENARS (1 EUR = 61.5 MKD |  |  |  |  |
|  | VAT18% |  |  |  |  |
|  | TOTAL COST OF THE WORKS IN DENARS |  |  |  |  |