VOLUME 4.3

FINANCIAL OFFER TEMPLATES

**UNIT PRICE CONTRACTS**

**Content**

**4.3.1 — Introduction**

**4.3.2 — Bill of quantities**

**4.3.3 — Price schedule**

**VOLUME 4.3.1 — INTRODUCTION**

**1. General**

1.1 The bill of quantities (Volume 4.3.2) is the document containing an itemised breakdown of the works to be carried out in a unit price contract, indicating a quantity for each item and the corresponding unit price. The quantities set out in the bill of quantities are estimated quantities. Each price for each item of the bill of quantities is detailed in the price schedule (Volume 4.3.3).

The amounts due will be calculated by measuring the actual quantities of the works executed and by applying the unit rates to the quantities actually executed for each item.

1.2 The detailed breakdown of prices (Volume 4.3.5) is the list containing the basic costs, net costs and mark-ups from which each price on the bill of quantities and the price schedule and on the daywork schedule results.

The detailed breakdown of prices provides the coefficients for applying the price revision formula referred to in Article 48.2 of the special conditions and can provide the basis for valuation of additional work ordered referred to in Article 37.5 of the general conditions.

1.3 Provisional sums for use when works are to be executed on a daily work basis (Volume 4.3.4) can only be executed by administrative order of the supervisor in accordance with the terms of the contract.

**2. Specific to Volumes 4.3.2, 4.3.3 and 4.3.4**

2.1 The prices inserted in the bill of quantities and price schedule are to be the full inclusive values of the works described under the items, including all costs and expenses that may be required in and for the construction of the works described, together with any temporary works and installations which may be necessary and all general risks, liabilities and obligations specified or implied in the documents on which the tender is based. It will be assumed that establishment charges, profit and allowances for all obligations are spread evenly over all unit rates.

2.2 Save where the technical specifications or the bill of quantities and the price schedule specifically and expressly state otherwise, only permanent works are to be measured.

2.3 No allowance will be made for loss of materials or volume thereof during transport or compaction.

2.4 The prices of the bill of quantities, price schedule and daily work schedule are all-inclusive and include any non-exonerated tax or fiscal duty.

2.5 The unit prices in Volumes 4.3.2 and 4.3.4 are obtained by multiplying the net cost of Volume 4.3.5 - Table D, on the one hand, with the coefficient K, on the other hand.

The coefficient K represents the proportions between the Site costs (Fc) of Volume 4.3.5 - Table E and the Total net costs (Ps) and between the General costs (Fg) of Volume 4.3.5 - Table F and the Contract price (Pv): K = (1+A)/(1-B) whereby

A= Fc/Ps

B =Fg/Pv

2.5 The units of measurement used in the annexed technical documentation are those of the International System of Units (SI). No other units may be used for measurements, pricing, detail drawings etc. (Any units not mentioned in the technical documentation must also be expressed in terms of the SI.) Abbreviations used in the bill of quantities are to be interpreted as follows:

mm means millimetre

m means metre

mm² means square millimetre

m² means square metre

m³ means cubic metre

kg means kilogram

to means tonne (1000 kg)

pcs means pieces

h means hour

L.s. means Lump sum

km means kilometre

l means litre

% means per cent

N.d means nominal diameter

m/m means man-month

m/d means man-day

**VOLUME 4.3.2 — BILL OF QUANTITIES**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PRICE No** | **TITLE** | **UNIT** | **UNIT PRICE** | **ESTIMATED**  **QUANTITIES** | **AMOUNT** |
| (a) | (b) | (c) | (d) | (e) | (f = d \* e) |
| 1 | Geodetic marking of the structure, transferring project data to the site, calculation by point | piece |  | 48 |  |
| 2 | Mechanical excavation, loading, and removal of soil for the athletic track base, average depth 45 cm | m3 |  | 1175 |  |
| 3 | Planning and rolling of the bedding layer | m2 |  | 2.611 |  |
| 4 | Procurement and installation of sand in a 30 cm layer, leveling and compacting to elevations defined by the project | m3 |  | 783 |  |
| 5 | Procurement and installation of crushed stone (gravel) DKA 0/31.5 mm in a 15 cm layer, leveling and compacting | m3 |  | 392 |  |
| 6 | Installation of cast concrete curbs 12/18 in fresh concrete mass, including procurement of all necessary materials | m1 |  | 649 |  |
| 7 | Bituminous base layer BNS 16 A, thickness = 5 cm, procurement of materials and installation using a finisher with flatness tolerance of ±5 mm | m2 |  | 2.351 |  |
| 8 | Installation of asphalt concrete layer AB8, thickness = 3 cm, procurement of materials and installation using a finisher with flatness tolerance of ±4 mm | m2 |  | 2.351 |  |
| 9 | Procurement and installation of a box for  inserting the pole according to WA rules, material stainless steel, thickness 3 mm | piece |  | 1 |  |
| 10 | Procurement and installation of the cassette, cover, and take-off board for long jump and triple jump according to WA rules; cassette and cover made of stainless steel 3 mm, take-off board base made of plastic material | piece |  | 2 |  |
| 11 | Construction of landing area for the long jump including materials, labor, sand, preparatory works, demolition, excavation—all according to project details; concrete C25/30 and reinforcement included in the price | piece |  | 1 |  |
| 12 | Construction of shot put and discus throwing circles with rings according to athletic rules; rings made of galvanized iron flat bar 80/6 mm, concrete C25/30 with fine finishing of the shot put circle | piece |  | 2 |  |
| 13 | Materials and labor for the foundation of the cage for discus and hammer throw with anchors; construction according to project details, compatible with the safety cage | set |  | 1 |  |
| 14 | Procurement and installation of a safety cage for hammer throw in accordance with World Athletics rules; structure made of galvanized iron, synthetic protective netting according to World Athletics regulations | piece |  | 1 |  |
| 15 | Procurement and spreading of sand on the grass field inside the track in a layer thickness of 3 cm | m3 |  | 132 |  |
| 16 | Installation of synthetic surface, spray system thickness 13 mm | m2 |  | 2.351 |  |
| 17 | Marking of the athletic track according to world athletics regulations | m2 |  | 2.351 |  |
| Total amount of the works, outside dayworks |  |  |  |  |  |
| Dayworks |  |  |  |  |  |
| Total |  |  |  |  |  |

Note: the numbering of prices under (a) and titles under (b) correspond to the numbering in the price schedule

**VOLUME 4.3.3 — PRICE SCHEDULE**

|  |  |
| --- | --- |
| **PRICE No ….** <for example: PRICE No 201>  **Title: …** <for example: EXCAVATE TOPSOIL WITHIN ROADWAY> | |
| Description of the implementation modalities of the works comprised within this price, as well as the measurement modalities of the quantities executed and to be paid by this price.  <for example: This price is for excavation of topsoil paid per square meter (m²) executed. Measurement is made horizontally. Excavation of topsoil is executed within the roadway.  The price includes:   * excavation of topsoil, loading, and transportation (all distance inclusive), unloading and disposal (provisory or definitive) in a place agreed with the engineer; * the cleaning of the existing ditches within the roadway * all other costs related to topsoil excavation.   This price is per square meter of surface excavated. Measurement is performed contradictory>. | |
| **PRICE No … — TITLE: ….**  <for example: PRICE No 201 — EXCAVATE TOPSOIL WITHIN ROADWAY> |  |
| **Price in words:**  <for example: per square meter: ….. GNF (Guinean Franc)> | **Price in numbers:**  <for example: …. GNF (Guinean Franc)> |

|  |  |
| --- | --- |
| **PRICE No ….** <for example: PRICE No 202>  **Title: …** | |
| Description of the implementation modalities of the works comprised within this price, as well as the measurement modalities of the quantities executed and to be paid by this price. | |
| **PRICE No … — TITLE: ….** |  |
| **Price in words:** | **Price in numbers:** |

**Etc.**