**LIST WITH QUANTITIES OF WORKS**

**FOR PRICE QUOTATION**

**1. Name of the beneficiary: Mayoralty of Cahul municipality**

**2. Organizer of the procurement procedure: UNDP Moldova/ EU4Moldova: Focal Regions Programme**

**3. Object of procurement:** **"Development of the agro market through construction of the Commercial Hall from Cahul municipality, Dunării street 6/B".**

**Sections: Monolithic reinforced concrete structures, metal constructions**

**Bid currency: USD**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Symbol of the norm and resource code | Works and costs | M.U. | Quantity as per project data | Estimate value -bid | |
| Per unit of measurement, $  ————  including wages | Total,$  —————  including wages |

| 1 | | 2 | | 3 | | | 4 | | 5 | | | 6 | | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Earthworks** | | |  | |  | | |  | |  |
|  | |  | | **1.1. Digging** | | |  | |  | | |  | |  |
| 1 | | TsC03B1 | | Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic control, in grounds with natural humidity, and unloading on the field storage of cat. II | | | 100 m3 | | 43,160 | | |  | |  |
| 2 | | TsC03F1 | | Mechanical digging with excavator of 0.40-0.70 cubic meters, with internal combustion engine and hydraulic control, in soil with natural humidity, unloading in vehicles, soil category II | | | 100 m3 | | 24,120 | | |  | |  |
| 3 | | TsI51A10 | | Transporting soil by 10 t dump truck at a distance of 10 km | | | t | | 3 859,200 | | |  | |  |
|  | |  | | **Total Digging**  **Including wages** | | |  |  | | |  | | |  |
|  | |  | | **1.2. Clay cushion** | | |  | |  | | |  | |  |
| 4 | |  | | Clay | | | m3 | | 2 187,000 | | |  | |  |
| 5 | | TsC03F1 | | Mechanical digging with excavator of 0.40-0.70 cubic meters, with internal combustion engine and hydraulic control, in soil with natural humidity, unloading in vehicles, soil category II / Loading in the vehicle | | | 100 m3 | | 21,870 | | |  | |  |
| 6 | | TsI51B5 | | Transporting soil by 10 t dump truck at a distance of: 15 km | | | t | | 3 499,200 | | |  | |  |
| 7 | | TsC51B | | Unloading of soil in the storage yard, category II soil | | | 100 m3 | | 21,870 | | |  | |  |
| 8 | | TsD32A | | Soil cushions on compactable soils by compacting the soil with a roller | | | 100 m3 | | 21,870 | | |  | |  |
|  | |  | | **Total Clay cushion**  **Including wages** | | | $  $ |  | | |  | | |  |
|  | |  | | **1.3. Foundation beams level 0.000** | | |  | |  | | |  | |  |
| 9 | | CB03E | | Formwork of reusable panels with 15 mm plywood for pouring concrete into slabs and beams in buildings up to and including 20 m in height, except for supports | | | m2 | | 342,600 | | |  | |  |
| 10 | | CC02M | | Concrete steel reinforcement A240, fabricated at on-site workshops, with bar diameters up to 8 mm, mounted in slabs, at heights up to and including 35 m, excluding structures with sliding formwork | | | kg | | 224,200 | | |  | |  |
| 11 | | CC02N2 | | Concrete steel reinforcement A500C, fabricated at on-site workshops, with bar diameters over 8 mm, mounted in slabs, at heights up to and including 35 m, excluding structures with sliding formwork | | | kg | | 6 402,400 | | |  | |  |
| 12 | | CA04F | | Concrete poured in slabs, beams, columns, prepared with a concrete mixer or ready-mixed concrete as per norm CA01 and poured by conventional means C20/C25 | | | m3 | | 52,700 | | |  | |  |
|  | |  | | **Total floor slab level 0.000**  **Including wages** | | | $  $ |  | | |  | | |  |
|  | |  | | **1.4. Filling** | | |  | |  | | |  | |  |
| 13 | | TsC35A11 | | Transport for excavation with frontal loader, for loading distances in motor vehicle with frontal loader on tracks of 0.5 to 0.99 m3, soil form land field of category I, at the distance of 11-20 m | | | 100 m3 | | 21,870 | | |  | |  |
| 14 | | TsD01C | | 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 hard soil | | | m3 | | 2 187,000 | | |  | |  |
| 15 | | TsD05B | | Mechanical compaction with vibratory tamper (150-200 kg), in successive layers of 20-30 cm thickness, excluding the watering of each layer, backfill of cohesive soil | | | 100 m3 | | 21,870 | | |  | |  |
|  | |  | | **TOTAL Filling**  **Including wages** | | | $  $ |  | | |  | | |  |
|  | |  | | **TOTAL Earthworks**  **Including wages** | | | $  $ |  | | |  | | |  |
|  | |  | | **2. Monolithic foundations** | | |  | |  | | |  | |  |
| 16 | | CA03G | | Reinforced concrete poured by conventional means, in foundations, plinths, retaining walls, walls below ground level, prepared with a concrete mixer or ready-mixed concrete as per norm CA01, poured by conventional means, reinforced concrete class B12,5/M150. | | | m3 | | 38,000 | | |  | |  |
| 17 | | CC01C | | Concrete steel reinforcement A240, fabricated at on-site workshops and installed, with bar diameters up to 8 mm including in insulated foundations | | | kg | | 1 059,200 | | |  | |  |
| 18 | | CC01D1 | | Concrete steel reinforcement A500C, fabricated at on-site workshops and installed, with bar diameters over 8 mm including in insulated foundations | | | kg | | 8 837,300 | | |  | |  |
| 19 | | CL57A | | Mounting and fixing of embedded parts in monolithic reinforced concrete: weighing less than 4 kg (pl.12- anchoring systems) | | | kg | | 1 909,200 | | |  | |  |
| 20 | | IzD10C | | Anticorrosive painting with a paintbrush of metal structures with one coat of anticorrosive primer ГФ-21 and two coats of ПФ-115 enamel | | | t | | 1,910 | | |  | |  |
| 21 | | CB03A | | Reusable panel formwork with 15 mm plywood for pouring concrete into stem walls, pocket footings and foundation for equipment, including supports | | | m2 | | 562,500 | | |  | |  |
| 22 | | CA03G | | Reinforced concrete poured by conventional means, in foundations, plinths, retaining walls, walls below ground level, prepared with a concrete mixer or ready-mixed concrete as per norm CA01, poured by conventional means, reinforced concrete class C20/C25 | | | m3 | | 187,000 | | |  | |  |
|  | |  | | **Total Monolithic foundations, Monolithic foundation beams**  **Including wages** | | | $  $ |  | | |  | | |  |
|  | |  | | **3. Waterproofing of foundations** | | |  | |  | | |  | |  |
| 23 | | IzF01B | | Priming of surfaces to apply diffusion coating, vapour barrier, thermal insulation or waterproofing on horizontal, inclined or vertical surfaces, with a suspension of filerized bitumen (subif) in a Sika-type coating | | | m2 | | 523,800 | | |  | |  |
| 24 | | IzF04F | | Hot applied waterproofing layer on terraces, roofs or foundations and leveling, in ground without groundwater, including the hulls and the current waterproofing on surfaces with a slope over 40% or vertical flat or curved surfaces, with bitumen mastic or bitumen with rubber additive, applied with a brush or rubber polisher (cosoroaba) / k=2 for 2 Sika type coats | | | m2 | | 523,800 | | |  | |  |
| 25 | | IzF18B | | Equalizing or protective support layer for insulations, including the related hulls, made with ready-mixed cement mortar brand M200 without lime, smoothened, on horizontal or inclined surfaces up to 40% inclusive, applied in an average thickness of 2 cm | | | m2 | | 266,660 | | |  | |  |
|  | |  | | **TOTAL Waterproofing of foundations**  **Including wages** | | | $  $ |  | | |  | | |  |
|  | |  | | **4. Monolithic flooring Level 0.000** | | |  | |  | | |  | |  |
| 26 | | TsC53A | | Soil compaction with gravel Gravel fr 5-20mm | | | 100 m2 | | 19,700 | | |  | |  |
| 27 | | TsC54C | | Gravel foundation layer h=150 mm | | | m3 | | 295,000 | | |  | |  |
| 28 | | IzF31B Apl | | Waterproofing of concrete surfaces (vertical, horizontal, including ceilings) with Sika Igaso -101 mixture in 2 layers: 0.30kg/m2 for coating (per layer)-2 layers =0.6kg/sqm | | | m2 | | 1 966,670 | | |  | |  |
| 29 | | CC03C | | Laying reinforcement mesh, for slabs, at a height of up to 35 m inclusively /Welded mesh BP-1 d8 A500C 150x150 | | | kg | | 12,245,000 | | |  | |  |
| 30 | | CA02C | | Plain concrete poured in levels, slopes, excavations at heights up to and including 35 m, prepared with a concrete mixer as per norm CA01 or ready-mixed concrete, poured by conventional means B25/M300 h=150mm | | | m3 | | 295,000 | | |  | |  |
|  | |  | | **Total Monolithic flooring Level 0.000**  **Including wages** | | | $  $ |  | | |  | | |  |
|  | |  | | **5. Floor slab level 4.500** | | |  | |  | | |  | |  |
| 31 | | CB11A | | Supports with extendable formwork props from the stock, used for the assembly of prefabricated panels, prefabricated ceiling slabs, for the casting of partially or totally monolithic floor slabs, with beams, or for monolithic beams, with prefabricated ceiling slabs type PE 3100 R | | | pcs. | | 335,000 | | |  | |  |
| 32 | | CE06A1 | | Coverings made of anticorrosive protected, corrugated or curved profiled board, mounted on metal panels, executed on areas less than or equal to 40 square meters with profiled sheeting sheets with special clips and mechanical screws, with upper sole, including the execution of the galls, aprons, connections to baskets, etc. - Profiled board 85/120/1120 | | | m2 | | 500,000 | | |  | |  |
| 33 | | CB03E | | Formwork of reusable panels with 15 mm plywood for pouring concrete into slabs and beams in buildings up to and including 20 m in height, except for supports | | | m2 | | 15,000 | | |  | |  |
| 34 | | CC03C | | Laying reinforcement mesh, for slabs, at a height of up to 35 m inclusively /Welded mesh BP-1 d8 A500C 150x150 | | | kg | | 3,752,500 | | |  | |  |
| 35 | | CA04F | | Concrete poured in slabs, beams, columns, prepared with a concrete mixer or ready-mixed concrete as per norm CA01 and poured by conventional means C20 | | | m3 | | 70,000 | | |  | |  |
|  | |  | | **Total floor level 4.500**  **Including wages** | | | $  $ |  | | |  | | |  |
|  | |  | | **6. Metal elements** | | |  | |  | | |  | |  |
| 36 | | CL08A | | Ready-made metal elements (poles, beams, trusses), delivered fully assembled, mounted on site, in the structure of lightweight construction | | | t | | 108,881 | | |  | |  |
| 37 | |  | | Metalware pl.26 | | | kg | | 1,659,470 | | |  | |  |
| 38 | | IzD10A | | Anticorrosive painting of metalwork and metal structures with one coat of anticorrosive primer based on red lead and two coats of chlorine rubber enamel, of metalwork and metal structures, made of profiles with thickness between 8 mm up to and including 12 mm | | | t | | 108,881 | | |  | |  |
| 39 | | IzA06A | | Anti-corrosive coatings on metal joinery, technological equipment and metal constructions with chlorine rubber enamel (one coat of minium primer, one coat of color primer and three coats of enamel-Pirex-Metal Plus) | | | m2 | | 989.930 | | |  | |  |
|  | |  | | **Total Metal elements**  **Including wages** | | | $  $ |  | | |  | | |  |
|  |  | |  | | |  | |  | | |  | |  | |
|  | |  | | Direct costs | | | $ | | |  |  | | |  |
|  | |  | | Social insurance | | | 24% | | |  |  | | |  |
|  | |  | | Transportation of materials | | | % | | |  |  | | |  |
|  | |  | | Purchasing and storage costs | | | % | | |  |  | | |  |
|  | |  | | Direct costs | | |  | | |  |  | | |  |
|  | |  | | Overhead costs | | | % | | |  |  | | |  |
|  | |  | | Total | | |  | | |  |  | | |  |
|  | |  | | Estimate profit | | | % | | |  |  | | |  |
|  | |  | | **Total**  **Including wages** | | | **$**  **$** | | |  |  | | |  |
|  | |  | | **Total estimates:**  **Including wages** |  | | |  | | |  | |  | |

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| Bidder |  |
| (position, signature, name, surname) | |
| Certified Estimating Professional |  |
| (position, signature, name, surname) | |