**TECHNICAL SPECIFICATIONS**

**FOR PRICE QUOTATION**

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

**2. Organizer of the procurement procedure: UNDP Moldova**

**3. Object of procurement**  **Construction of mini football stadium at Dmitrie Cantemir Theoretical Lyceum in Cahul municipality**

**Currency of offer: US Dollars**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No  crt. | Symbol of the norm and resource code | Works and costs | M.U. | Quantity as per project data | Estimated cost, USD | |
| Per unit of measurement  ————  including wages | Total  —————  including wages |

| 1 | | 2 | | 3 | | | 4 | | 5 | | | 6 | | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Construction works (stadium)** | | |  | |  | | |  | |  |
| 1 | | TsC01A | | Mechanical scarification of the ground, with bulldozer on tracks (Scarifier) 81-180 cp on 30 cm depth, ground category 3. | | | 100 m2 | | 8.20 | | |  | |  |
| 2 | | TsC02D1 | | Mechanic digging with pneumatic excavator of 0,21-0,39 m3, with hydraulic command, in grounds with natural humidity, and auto unloading of field of cat. II. | | | 100 m3 | | 2.46 | | |  | |  |
| 3 | | TsI50A5 | | Transportation of the ground with the dumper at a distance of 5 km | | | t | | 294.00 | | |  | |  |
| 4 | | TsE06A | | Preparation of a soil platform for the asphalting of an insulating or repair layer of sand or ballast, by manual levelling and compaction with a 10-12 t self-propelled static roller compactor, in cohesionless soil. | | | 100 m2 | | 6.24 | | |  | |  |
| 5 | | TsC54A | | Sand foundation layer (fine sand category I Gost 8736-93) | | | m3 | | 31.20 | | |  | |  |
| 6 | | 42-01-020-1m | | Geomembrane HDPE 5x50 1mm thick | | | 100 m2 | | 6.24 | | |  | |  |
| 7 | | TsC54A | | Sand foundation layer (fine sand category GOST 8736-93) | | | m3 | | 62.40 | | |  | |  |
| 8 | | TsC54B | | Crushed stone foundation layer (fraction 40-70mm) | | | m3 | | 74.90 | | |  | |  |
| 9 | | TsC54B | | Crushed stone foundation layer (fraction 20-40mm) | | | m3 | | 25.00 | | |  | |  |
| 10 | | TsC54B | | Granite crushed stone foundation layer (5-20mm fraction) | | | m3 | | 25.00 | | |  | |  |
| 11 | | TsA02B | | Manual excavation of land in confined spaces , having 1.00m or more in width, made without support, with sloping embankment foundations, channels, basements, drainers, stairs in non-cohesive or poorly cohesive land, depth up to 0.75 m middle ground | | | m3 | | 12.48 | | |  | |  |
| 12 | | CA03F | | Plain 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, plain concrete class.  Subsidiary materials (softwood lumber, nails, staples) =1,01 | | | m3 | | 23.30 | | |  | |  |
| 13 | | CC01D | | Concrete steel reinforcement OB 37, fabricated at on-site workshops and installed, with bar diameters over and including 8 mm insulated foundations | | | kg | | 382.00 | | |  | |  |
| 14 | | CC01A | | Reinforced concrete steel shaped in OB 37 construction shops, with bars up to 8 mm diameter inclusively | | | kg | | 114.50 | | |  | |  |
| 15 | | CB02A | | Formwork from reusable panels made of short and shortened softwood planks for pouring concrete into stem walls, pocket footings and foundation for equipment, including supports | | | m2 | | 63.00 | | |  | |  |
| 16 | | CL18A | | Diverse metallic confections from rolled profiles, plate, checker plate, steel, concrete, pipes for supporting or covering, totally or partially embedded in concrete | | | kg | | 3 610,60 | | |  | |  |
| 17 | | CL19B | | Ready-made metal gratings: out of panels made of braided or woven steel wire mesh, including metal support and fixing elements (uprights, frames, brackets, etc.) (Betafense braided mesh) | | | m2 | | 320.00 | | |  | |  |
| 18 | | CC01A | | Reinforced concrete steel shaped in OB 37 construction shops, with bars up to 8 mm diameter inclusively | | | kg | | 94.00 | | |  | |  |
| 19 | | CN21A | | Painting the railings, grids and railing, executed with oil paints in 2 layers | | | m2 | | 123.00 | | |  | |  |
| 20 | | CK35B | | Metal dowels fixed in reinforced concrete walls | | | pcs | | 450.00 | | |  | |  |
| 21 | | TsH43A | | Laying of artificial turf covering for football pitches: FLD Champion Supra 40 type covering, 40 mm pile height, covered with sand and crumbled rubber | | | m2 | | 636.00 | | |  | |  |
| 22 | | RpCH29A | | Reusable safety net, for mini football pitches, mesh 130x130 dm.2mm (Including steel cable with PVC membrane 6mm - 320m)  Miscellaneous (string, clips)=1.05 | | | m2 | | 963.00 | | |  | |  |
| 23 | | TsA01B1 | | Manual digging of soil in wide spaces, excavating, open ditches, borrowing holes, for removing the vegetative layer of 10-30 cm, in soil with natural humidity, throwing in the storage or in the vehicle at a height of H< 0.60 m, in medium ground | | | m3 | | 1.50 | | |  | |  |
| 24 | | DI111 | | Mechanized application of foundation layers, h=12 cm, 16-32 mm fraction, at sidewalks | | | m2 | | 40.00 | | |  | |  |
| 25 | | DE11A | | Small, prefabricated concrete kerbs with a section of 10x15 cm, for framing green spaces, sidewalks, alleys, etc., laid on a 10x20 cm concrete foundation. | | | m | | 22.00 | | |  | |  |
| 26 | | DE18B | | Pavements made of prefabricated concrete paving slabs laid on a layer of dry cement and sand mixture, proportion 1:6, grouted with dry cement and sand mixture, 10 cm thick layer (thickness 4 cm) | | | m2 | | 40.00 | | |  | |  |
|  | |  | | **Total Construction works (stadium)**  **Including wages** | | |  |  | | |  | | |  |
|  |  | |  | | |  | |  | | |  | |  | |
|  |  | |  | | |  | |  | | |  | |  | |
|  | |  | | Total | | | $ | | |  |  | | |  |
|  | |  | | CASM ChD \* 24 % | | | 24.00% | | |  |  | | |  |
|  | |  | | Total ChD+CASM | | | 100.00 + | | |  |  | | |  |
|  | |  | | Transport of materials (ChD+CASM) \* % | | | % | | |  |  | | |  |
|  | |  | | Total ChD+CASM+Transp | | | 100.00 + | | |  |  | | |  |
|  | |  | | Overhead costs (ChD+CASM+Transp) \* % | | | % | | |  |  | | |  |
|  | |  | | Total | | | 100.00 + | | |  |  | | |  |
|  | |  | | Profit \* % | | | % | | |  |  | | |  |
|  | |  | | Total | | | 100.00 + | | |  |  | | |  |
|  | |  | |  | | |  | | |  |  | | |  |
|  | |  | | **Total estimates:**  **Including wages** |  | | |  | | |  | |  | |

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

**TECHNICAL SPECIFICATIONS**

**FOR PRICE QUOTATION**

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

**2. Organizer of the procurement procedure: UNDP Moldova**

**3. Object of procurement**  **Development of the stadium at Dmitrie Cantemir Theoretical Lyceum in Cahul municipality**

**Currency of offer: US Dollars**

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

| 1 | | 2 | | 3 | | | 4 | | 5 | | | 6 | | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Development of parking spaces, pavement** | | |  | |  | | |  | |  |
| 1 | | DC04B | | Cutting with the machines having diamond disks of the contraction and expansion joints in old concrete roads | | | m | | 136.00 | | |  | |  |
| 2 | | DG04B | | Dismantling stone or concrete borders of any size, placed on concrete | | | m | | 136.00 | | |  | |  |
| 3 | | DG05C | | Stripping of up to 3 cm thick layers of asphalt poured on concrete foundations | | | m2 | | 790.00 | | |  | |  |
| 4 | | TsG07H | | Removing manually the stubs of hardwood and fir, and transportation of timber to warehouses, outside or within the site area, the transportation being carried out by tractors, for the stubs or roots of a diameter over 70 cm | | | pcs | | 6.00 | | |  | |  |
| 5 | | TsC02D1 | | Mechanic digging with pneumatic excavator of 0,21-0,39 m3, with hydraulic command, in grounds with natural humidity, and auto unloading of field of cat. II. | | | 100 m3 | | 0.46 | | |  | |  |
| 6 | | TsA01B1 | | Manual digging of soil in wide spaces, excavating, open ditches, borrowing holes, for removing the vegetative layer of 10-30 cm, in soil with natural humidity, throwing in the storage or in the vehicle at a height of H< 0.60 m, in medium ground | | | m3 | | 18.60 | | |  | |  |
| 7 | | TsI50E | | Transportation of loads with the trucks at a distance of 5 km | | | t | | 101.00 | | |  | |  |
| 8 | | RpAcF01A | | Lifting at street level the manhole covers for water supply and sewerage installations, with an average height of 20 cm and a cover weight of up to 100 kg, on a brick wall with cement mortar | | | pcs | | 6.00 | | |  | |  |
| 9 | | TsE06A | | Preparation of a soil platform for the asphalting of an insulating or repair layer of sand or ballast, by manual levelling and compaction with a 10-12 t self-propelled static roller compactor, in cohesionless soil. | | | 100 m2 | | 7.90 | | |  | |  |
| 10 | | TsC54B | | Foundation layer from crushed stone | | | m3 | | 71.60 | | |  | |  |
| 11 | | DI111 | | Mechanized application of foundation layers, h=12 cm, 16-32 mm fraction, at sidewalks | | | m2 | | 432.00 | | |  | |  |
| 12 | | DE11A | | Small, prefabricated concrete kerbs with a section of 10x15 cm, for framing green spaces, sidewalks, alleys, etc., laid on a 10x20 cm concrete foundation. | | | m | | 154.00 | | |  | |  |
| 13 | | DE10E | | Prefabricated concrete kerbs, with dimensions of 30x25 cm, on concrete foundation of 35x15 cm | | | m | | 260.00 | | |  | |  |
| 14 | | DE18B | | Pavements made of prefabricated concrete paving slabs laid on a layer of dry cement and sand mixture, proportion 1:6, grouted with dry cement and sand mixture, 10 cm thick layer (pavement thickness 4 cm) | | | m2 | | 432.00 | | |  | |  |
| 15 | | DE18B | | Pavements made of prefabricated concrete paving slabs laid on a layer of dry cement and sand mixture, proportion 1:6, grouted with dry cement and sand mixture, 10 cm thick layer (pavement thickness 6 cm) | | | m2 | | 358.00 | | |  | |  |
|  | |  | | **Total Development of parking spaces, pavement**  **Including wages** | | |  |  | | |  | | |  |
|  |  | |  | | |  | |  | | |  | |  | |
|  |  | |  | | |  | |  | | |  | |  | |
|  | |  | | Total | | | $ | | |  |  | | |  |
|  | |  | | CASM (ChD \* 24 %) | | | 24.00% | | |  |  | | |  |
|  | |  | | Transport of materials (ChD+CASM) \* % | | | % | | |  |  | | |  |
|  | |  | | Overhead costs (ChD+CASM+Transp) \* % | | | % | | |  |  | | |  |
|  | |  | | Estimate profit (ChD+CASM+Transp+ChR \* % | | | % | | |  |  | | |  |
|  | |  | | **Total estimates:**  **Including wages** |  | | |  | | |  | |  | |

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

**TECHNICAL SPECIFICATIONS**

**FOR PRICE QUOTATION**

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

**2. Organizer of the procurement procedure: UNDP Moldova**

**3. Object of procurement: Repair works around Dmitrie Cantemir Theoretical Lyceum in Cahul municipality**

**Currency of offer: US Dollars**

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

| 1 | | 2 | | 3 | | | 4 | | 5 | | | 6 | | 7 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Fencing** | | |  | |  | | |  | |  |
| 1 | | RpCS20F | | Dismantling the pre-manufactured fencing of 1.5 - 2.0m height | | | m | | 130.00 | | |  | |  |
| 2 | | RpCB18F | | Demolishing the old concrete with mechanic means, simple concrete | | | m3 | | 19.50 | | |  | |  |
| 3 | | TsA01B1 | | Manual digging of soil in wide spaces, excavating, open ditches, borrowing holes, for removing the vegetative layer of 10-30 cm, in soil with natural humidity, throwing in the storage or in the vehicle at a height of H< 0.60 m, in medium ground | | | m3 | | 35.00 | | |  | |  |
| 4 | | TsI50E | | Transportation of loads with the trucks at a distance of 5 km | | | t | | 81.00 | | |  | |  |
| 5 | | TsA01B1 | | Manual digging of soil in wide spaces, excavating, open ditches, borrowing holes, for removing the vegetative layer of 10-30 cm, in soil with natural humidity, throwing in the storage or in the vehicle at a height of H< 0.60 m, in medium ground | | | m3 | | 17.00 | | |  | |  |
| 6 | | CB02A | | Formwork from reusable panels made of short and shortened softwood planks for pouring concrete into stem walls, pocket footings and foundation for equipment, including supports | | | m2 | | 62.00 | | |  | |  |
| 7 | | CA03G | | Simple concrete, poured with classical means, in foundations, basements, support walls, under zero - share walls, manufactured with concrete making unit or concrete art. CA01, poured by conventional means, plain concrete class... (concrete c12/15)  Subsidiary materials (softwood lumber, nails, staples) =1,01 | | | m3 | | 13.50 | | |  | |  |
| 8 | | CL18A | | Various metal structures made of laminated profiles, sheet metal, corrugated sheet metal, concrete steel, pipes for supports or coverings, fully or partially embedded in concrete ((Steel posts as per design, caps should be added 100mm-2pcs, 60mm-2pcs, 50mm-51pcs) | | | kg | | 841.20 | | |  | |  |
| 9 | | CO07B | | Profiled steel metal fencing, decorative pattern | | | kg | | 3 503,20 | | |  | |  |
| 10 | | CK13A | | Sliding or folding metal doors and gates in a channel, mounted in masonry of any kind including the necessary accessories, with a surface area of up to and including 7 square metres | | | m2 | | 1.75 | | |  | |  |
| 11 | | CK13B | | Single-leaf sliding or folding metal doors and gates, mounted in masonry of any kind, including the necessary accessories, having a surface area exceeding 7 sq.m. | | | m2 | | 8.50 | | |  | |  |
| 12 | | CN21B | | Painting the balustrades, metal grilles and fences executed with alkyd enamel in one layer including the primer | | | m2 | | 226.00 | | |  | |  |
|  | |  | | **Total Fencing**  **Including wages** | | |  |  | | |  | | |  |
|  |  | |  | | |  | |  | | |  | |  | |
|  |  | |  | | |  | |  | | |  | |  | |
|  | |  | | Total | | | $ | | |  |  | | |  |
|  | |  | | CASM (ChD) \* 24 % | | | 24.00% | | |  |  | | |  |
|  | |  | | Transport of materials (ChD+CASM) \* % | | | % | | |  |  | | |  |
|  | |  | | Overhead costs (ChD+CASM+Transp) \* % | | | % | | |  |  | | |  |
|  | |  | | Estimate profit (ChD+CASM+Transp+ChR \* % | | | % | | |  |  | | |  |
|  | |  | | **Total estimates:**  **Including wages** |  | | |  | | |  | |  | |

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