***Building the basin for rainwater collection and storage for irrigation, “Grand Depot” LLC, from Antonești village, Cantemir rayon***

***List of works’ volume***

***/*** *Building of the basin/*

|  |
| --- |
| Bid value: **USD** |

*Date: 15/09/2020*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Nocrt. | Symbol of the norm and resource code | Works and expenses | U.M. | Quantity  | Estimate value,  **USD** |
| Per U.M.————incl. salary | Total—————incl. salary |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **Chapter 1 Construction works** |  |  |  |  |
| 1 | TsC03B1  | Mechanic digging with excavator of 0,40-0,70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading on the field storage of cat. II. | 100 m3 | 10,500 |  |  |
| 2 | TsC18B1 | Mechanic digging with bulldozer on the crawler 65-80 HP, including the pushing of the ground up to 10m, in fields of category 2 (excavation of fertile soil)  | 100 m3 | 10,500 |  |  |
| 3 | TsC22B1 k=9 | Increase in consumption of hour-equipment from items TsC18, TsC19, TsC20 and TsC21, for transportation of soil per each additional 10 m, over the distance provided in the respective items TSC18B1, ground category II (with relocation on 100 m)  | 100 m3 | 10,500 |  |  |
| 4 | 36-01-001-1 | Levelling the embankments’ slopes during the earthworks: with the excavators and compactors 16t weight  | 1000 m3 | 0,700 |  |  |
| 5 | TsE04A | Levelling the natural land field and of the groundwork platforms with bulldozer on wheeled tractor 65-80 hp, by cutting the bumps and pushing the dug soil in the holes, land cat. I and II  | 100m2 | 7,400 |  |  |
| 6 | 36-01-009-1 | Levelling the embankments’ slopes during the earthworks: with the excavators  | 1000 m2 | 0,960 |  |  |
| 7 | TsC35F11 | 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 from ground category II, at distances of 11-20 m (Processing and moving the ground using the “BOBCAT” type loader, 0.5 - 0.99 m3, into a dump, ground category II)  | 100 m3 | 0,160 |  |  |
| 8 | TsJ05C k=0.5 | Protecting earthworks with Geotextile 200gr/m2  | m2 | 1 750,000 |  |  |
| 9 | Market price | Polypropylene geotextile-fiber 200gr/m2  | m2 | 1 750,000 |  |  |
| 10 | TsJ05C k=0.5 | (Attention! - ONLY WORK) Protecting earthworks with nonwoven cloth, on embankments, against ravines, of type CT100/200 (П) or other equivalent type  | m2 | 1 750,000 |  |  |
| 11 | Market price | The cost of the fabric/cloth of equivalent type with type СТ 100/200(П) | m2 | 1 750,000 |  |  |
| 12 | Market price |  Steel clamps, with diameter Ø 8.0mm and length 0.9m | kg | 13,000 |  |  |
| 13 | TsD01B | Manual levelling of the land field and platforms, with subsidence of 10-20 cm, in middle soil (planning the bottom of the trench)  | m3 | 16,000 |  |  |
| 14 | TsD05B | Manual priming with a layer of minium lead - based paint on metallic constructions related to the technological equipment (supporting elements, rods, back legs, platforms)  | 100 m3 | 0,160 |  |  |
| 15 | TsC53A | (gr.0.05m =0.59m3) Compactarea pamintului cu pietris  | 100m2 | 0,120 |  |  |
| 16 | Dl119 | Monolithic foundations of concrete B15 F150 W6 at artificial elements (bottom plate 1.5x1.5x0.15 (m) from monolith concrete B15 F100 W6)  | m3 | 0,680 |  |  |
| 17 | Dl119 | Monolithic foundations of concrete B15 F150 W6 at artificial elements (bottom plate 1.5x1.5x0.15 (m) from monolith concrete B15 F100 W6  | m3 | 0,560 |  |  |
| 18 | RpAcA57B | (Demolishing of polyethylene tubes d=150mm) demolishing from the ground of tubes PVC type 4-G or 3M, diameter 110-160 mm | m | 25,500 |  |  |
|  |  | **Total Construction Works**  |  |  |  USD  |  |
|  |  |  |  |  |  |  |
|  |  | **Total** |  USD  |  |
|  |  | Social fund and health  |  % |  |  |  |
|  |  | Transportation  | % |  |  |  |
|  |  | Storage  | % |  |  |  |
|  |  | Total |   |  |  |  |
|  |  | Overhead costs | % |  |  |  |
|  |  | Total |   |  |  |  |
|  |  | Estimate benefit | % |  |  |  |
|  |  | **Total bid without VAT: USD**  |

Note: *The bidder’s costs will include all the expenses including: materials and/or equipment, salaries, social payments, indirect costs*

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| --- |
| Bidder  |
| (position, signature, name, surname)  |

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