***Building the basin for rainwater collection and storage for irrigation, “Agro-Vet” LLC, from Ciuciuleni village, Hîncești rayon***

***List of works’ volume***

*/ General construction works/*

|  |
| --- |
| 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 | TsC08B1 | Mechanic digging under the water level, with track-laying excavator of 0.5-0.8 m3, with internal combustion engine and cable-based command, with dragline equipment, up to 2 m depth, with unloading in the storage, ground category II. | 100 m3 | 161.250 |  |  |
|  2 | TsC10A01 | Plywood support boards for the track-laying excavator to move on marshy fields  | 100 m3 | 161.250 |  |  |
|  3 | TsC19B1 | Mechanic digging with bulldozer on the crawler 81-180 HP, including the pushing of the ground up to 10m, in ground of category II. | 100 m3 | 20.000 |  |  |
|  4 | TsC22A1 | Increase in use of hours-equipment art. TsC19B1 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective item TSC18A1, for grounds of category I  | 100 m3 | 20.000 |  |  |
|  5 | 36-01-001-1 | Executing the dams, dykes, embankments and lower parts of the screens and nuclei on land, from non-cohesive ground with compacting rollers, weight: up to 16 t  | 1000 m3 | 2.000 |  |  |
|  6 | TsE05B | Levelling with motor grader up to 175 HP of the natural land field and of the groundwork platforms, by cutting the bumps and pushing the dug soil in the holes, land cat. II. | 100 m2 | 5.000 |  |  |
|  7 | 36-01-009-1 | Levelling the embankments’ slopes during the earthworks: with the excavators  | 1000 m2 | 0.780 |  |  |
|  8 | TsD03A1 | Spreading the loose land coming from the fields of category I or II and category III or IV, executed with caterpillar tractor-based bulldozer 81-180 HP, in layers with thickness of 15-20 cm, land field of category I or II  | 100 m3 | 141.250 |  |  |
|  9 | TsC22A1 | Increase in use of hours-equipment art. TsC19B1 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective item TSC18A1, for grounds of category I  | 100 m3 | 141.250 |  |  |
|  10 | TsD03A1 | Spreading the loose land coming from the fields of category I or II and category III or IV, executed with caterpillar tractor-based bulldozer 81-180 HP, in layers with thickness of 15-20 cm, land field of category I or II  | 100 m3 | 40.000 |  |  |
|  |  | **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*

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

STAMP PLACE

***List of works’ volume***

***/*** *Access road to the basin for the special technical means of the firefighting service/*

 Bid value: **USD**

*Date: 15/09/2020*

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| --- | --- | --- | --- | --- | --- | --- |
|   |  | **1. Construction works** |  |  |  |  |
|  |  | **1.1. Earthworks**  |  |  |  |  |
| 1 | TsC18B1 | Mechanic digging with bulldozer on the crawler 65-80 HP, including the pushing of the ground up to 10m, in fields of category (excavating the fertile soil)  | 100 m3 | 0.150 |  |  |
| 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 (levelling the embankment)  | 100 m3 | 0.20 |  |  |
| 3 | 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 (excavating the mineral soil)  | 100 m3 | 0.150 |  |  |
| 4 | 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 (arranging the fertile soil)  | 100 m3 | 0.150 |  |  |
| 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. I (loading the mineral soil)  | 100 m3 | 0.150 |  |  |
| 6 | TsI50A1 k=0.2 | Transportation of soil with the dumper at a distance of 1.0 km  | t | 30.00 |  |  |
|  |  | Total |  USD  |  |
|  |  | **1.2. Road clothing / paving**  |  |  |  |  |
| 7 | TsC53B | Mechanical compacting of the soil  | 100 m2 | 1.50 |  |  |
| 8 | DA06A2 | Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with sand-based manual coverage  | m3 | 15.00 |  |  |
| 9 | Dl134 | Mechanized placement of the road clothing from crushed stone using the method of wedging in one layer H=16 cm  | 100 m2 | 1.50 |  |  |
| 10 | CA04A4 | Cast concrete slabs , beams , columns , prepared manually and pouring with classical means of reinforced concrete Class C15 W4 F75, at heights up to 35 m inclusively (claw)  | m3 | 0.40 |  |  |
|  |  | Total  |  USD  |  |
|  |  | **1.3. Drainage ditches**  |  |  |  |  |
| 11 | 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 | 0.15 |  |  |
| 12 | TsC54B | Fillings in the trenches, as substrate, protection layer, insulating layer, filtering layer made using lime crushed stone M300, 10cm thick  | m3 | 0.50 |  |  |
| 13 | CA02B2 | Simple concrete cyclopean - with rocks, poured in slopes, caped at heights up to 35 m inclusively, prepared with cement mixer at the site and pouring with classical means of concrete B15  | m3 | 1.00 |  |  |
| 14 | TsD03A1 | Filling with loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 HP, in layers with thickness of 15-20 cm | 100 m3 | 3.00 |  |  |
| 15 | TsC53B | Manual compacting of the soil  | 100 m2 | 0.10 |  |  |
| 16 | AcA04E | Mounting in the ground the steel pipes 425x6mm Small materials (screws, pellets, wires) = 1.03  | m | 6.00 |  |  |
| 17 | IzL08A | Manual insulation of the pipes mounted in the ground, with 2 layers of bitumen and 1 layer of paper sulphite type, type I  | m2 | 8.00 |  |  |
|  |  | Total  |  USD  |  |
|  |  | **1.4 Security barrier and signs**  |  |  |  |  |
| 18 | CL10D | Railings, stair heads, grates, bars and metal structures supplied in ready-made sub-sets, at heights up to 35 m and weight between 0.151 - 1.500 t, assembled by welding position (barrier, metallic elements Ø 50mm), with fixing accessories and lock  | t | 0.17 |  |  |
| 19 | CA02B2 | Simple concrete cyclopean - with rocks, poured in slopes, caped at heights up to 35 m inclusively, prepared with cement mixer at the site and pouring with classical means of concrete B15  | m3 | 0.50 |  |  |
| 20 | IzD05B | Manual priming with a layer of minium lead - based paint on metallic constructions related to the technological equipment (supporting elements, rods, back legs, platforms)  | t | 0.17 |  |  |
| 21 | IzD06B | Painting with oil-based paint in 2 layers of metallic constructions related to the technological equipment (supporting elements, rods, back legs, platforms)  | t | 0.17 |  |  |
| 22 | Market price  | Installing security signs - prohibited bathing, on galvanized metal pillar, diameter 50 mm, h- 1.5m, embedded in concrete B7.5, at a depth of 50cm | pcs | 4 |  |  |
|  |  | Total  |  USD  |  |
|  |  | **Total construction / mounting 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)*

S.P.