***Building the basin for rainwater collection and storage for irrigation, “GG Prim” LLC , from Fundul Galbenei village, Hîncești rayon***

***List of works’ volume***

***/*** *Water storage basin. / General construction works/*

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| Bid value: **USD** |

*Date: 15/09/2020*

|  |  |  |  |  |  |
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| 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 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 CP, including the pushing of the ground up to 10m, in fields of category 1 (vegetal layer L=50m)  | 100 m3 | 3.400 |  |  |
|  2 | TsC22A1 k=4 | 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 TSC18A1 land category I | 100 m3 | 3.400 |  |  |
|  3 | 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 | 26.500 |  |  |
|  4 | TsC18B1 | Mechanic digging with bulldozer on the crawler 65-80 CP, including the pushing of the ground up to 10m, in fields of category 2 | 100 m3 | 26.500 |  |  |
|  5 | 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 | 26.500 |  |  |
|  6 | TsD02A1 | Spreading the loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 CP, in layers with thickness of 15-20 cm | 100 m3 | 26.500 |  |  |
|  7 | 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   | 100 m2 | 14.100 |  |  |
|  8 | 36-01-009-1 | Levelling the embankments’ slopes during the earthworks: with the excavators  | 1000 m2 | 1.220 |  |  |
|  9 | 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 | 0.450 |  |  |
|  10 | TsJ05Ck=0.5 | Protecting earthworks with Geotextile 200gr/m2  | m2 | 3 370.000 |  |  |
|  11 | price | Polypropylene geotextile-fiber 200gr/m2  | m2 | 3 370.000 |  |  |
|  12 | price |  Steel clamps, with diameter Ø 8.0mm and length 0.9m | kg | 33.000 |  |  |
|  14 | TsD02A1 | Spreading the loose land coming from the fields of category I and II, executed with caterpillar tractor-based bulldozer 65-80 CP, in layers with thickness of 15-20 cm | 100 m3 | 0.450 |  |  |
|  15 | TsD05B | Compacting with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil  | 100 m3 | 0.450 |  |  |
|  16 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 HP, including the pushing of the ground up to 10m, in fields of category 1 (Processing the temporary cavaliers of vegetative soil and moving them to the slopes and ridge of the basin at L=50m)  | 100 m3 | 1.970 |  |  |
|  17 | TsC22A1 k=4 | 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 TSC18A1 land category I | 100 m3 | 1.970 |  |  |
|  18 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 HP, including the pushing of the ground up to 10m, in fields of category 1 (Processing the remaining from the temporary cavaliers of vegetative soil and moving them up to 20m)  | 100 m3 | 1.430 |  |  |
|  19 | TsC22A1 | Increase in use of hours-equipment art. TsC18, TsC19, TsC20 and TsC21 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective items TSC18A1, for grounds of category I  | 100 m3 | 1.430 |  |  |
|  20 | TsD02A1 | Spreading the 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 (leveling)  | 100 m3 | 1.430 |  |  |
|  |  | **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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***List of works’ volume***

***/*** *Desilt 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 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 CP, including the pushing of the ground up to 10m, in fields of category 1 (vegetal layer L=50m)  | 100 m3 | 0.980 |  |  |
|  2 | TsC22A1 k=4 | Increase in use of hours-equipment art. TsC18, TsC19, TsC20 and TsC21 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective items TSC18A1, for grounds of category I  | 100 m3 | 0.980 |  |  |
|  3 | 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 at a distance of 50m)  | 100 m3 | 1.700 |  |  |
|  4 | TsC35F11 к=2 | 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 the ground using the “BOBCAT” type loader, 0.5 - 0.99 m3, at a distance of 50m)  | 100 m3 | 1.700 |  |  |
|  5 | 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 (Planning the bottom and the ridge of the desilt basin using the “BOBCAT” type loader, 0.5 - 0.99 m3 at a distance up to 20 m (1604.m2х0.1m=16.04m3)  | 100 m3 | 0.160 |  |  |
|  6 | 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 (Planning the slope of the dam for the desilt basilt using the “BOBCAT” type loader, 0.5 - 0.99 m3 at a distance up to 20 m (219.0m2х0.1m=21.9m3)  | 100 m3 | 0.219 |  |  |
|  7 | TsJ05C | (Attention! - ONLY WORK) Protecting earthworks with membrane made of Geotextile - 200gr/m2  | m2 | 247.000 |  |  |
|  8 | price | Polypropylene geotextile-fiber 200gr/m2  | m2 | 247.000 |  |  |
|  9 | TsJ05A | (Attention! - ONLY WORK) Protecting earthworks with nonwoven cloth, on embankments, against ravines, of type CT100/200 (П) or other equivalent type  | m2 | 247.000 |  |  |
|  10 | market price | The cost of the fabric/cloth of equivalent type with type СТ 100/200(П) | m2 | 247.000 |  |  |
|  11 | price |  Steel clamps, with diameter Ø 8.0mm and length 0.9m | kg | 23.000 |  |  |
|  12 | AcF03B | Filling with pearly gravel M300 fractions from 20-50mm (Filling the cells of the geo-grid of type СТ 100/200(П) with gravel of a brand not lower than M300, fractions 20-50mm)  | m3 | 24.700 |  |  |
|  13 | Dl119 | Monolithic foundations of concrete B15 F150 W6 at artificial elements (pouring the concrete M200)  | m3 | 24.700 |  |  |
|  14 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 CP, including the pushing of the ground up to 10m, in fields of category 1 (vegetal layer L=50m)  | 100 m3 | 0.430 |  |  |
|  15 | TsC22A1 k=4 | Increase in use of hours-equipment art. TsC18, TsC19, TsC20 and TsC21 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective items TSC18A1, for grounds of category I  | 100 m3 | 0.430 |  |  |
|  16 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 HP, including the pushing of the ground up to 10m, in fields of category 1 (processing the remaining of temporary spoil banks, moving them for 20m) | 100 m3 | 0.550 |  |  |
|  17 | TsC22A1 | Increase in use of hours-equipment art. TsC18, TsC19, TsC20 and TsC21 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective items TSC18A1, for grounds of category I  | 100 m3 | 0.550 |  |  |
|  18 | TsD02B1 | Spreading the 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 21-30 cm | 100 m3 | 0.550 |  |  |
|  19 | TsC22A1 | Increase in use of hours-equipment art. TsC18, TsC19, TsC20 and TsC21 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective items TSC18A1, for grounds of category I  | 100 m3 | 0.550 |  |  |
|  |  | **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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***List of works’ volume***

***/*** *Ditch for water supply /*

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| 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 | 0.355 |  |  |
|  2 | 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 | 35.500 |  |  |
|  3 | TsD04D | Compacting with manual knocker of the embankments in horizontal or inclined digs to 1/4, including watering every layer of land separately, with the thickness of 20 cm of cohesive ground  | m3 | 35.500 |  |  |
|  |  | **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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***List of works’ volume***

***/*** *Filling tube/*

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| 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 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 CP, including the pushing of the ground up to 10m, in fields of category 1 (vegetal layer L=10m)  | 100 m3 | 0.030 |  |  |
|  2 | 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 | 3.500 |  |  |
|  3 | TsE01B  | Manual levelling of the land field and platforms, with subsidence of 10-20 cm, in middle soil (planning the bottom of the trench)  | 100 m2 | 0.043 |  |  |
|  4 | TsD04B | Compacting with manual knocker of the embankments in horizontal of inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground  | m3 | 4.300 |  |  |
|  5 | AcF03A | Fillings in the trenches of the pipes for water supply or sewerage, as substrate, protection layer, insulating layer or filtering layer for the drainage tubes, made with sand  | m3 | 0.430 |  |  |
|  6 | AcA08B | Assembling in the ground, outside the building, the PVC pipes of 9m, sealed with rubber fittings, with the diameter 200-225 mm (installing non-pressure corrugated pipes D=300mm)  | m | 8.600 |  |  |
|  7 | TsC54C | Foundation layer of gravel  | m3 | 0.200 |  |  |
|  8 | Dl119 | Monolithic foundations of concrete B15 F150 W6 at artificial elements (Installing the bottom plate 1.5x1.5x0.15 (m) from monolith concrete B15 F100 W6)  | m3 | 0.340 |  |  |
|  9 | TsD01B | Spreading with the shovel of light earth in uniform layers, 10-30 cm thick, with a throw of up to 3 m of piles , including smashing of earth bolls from the middle ground | m3 | 3.500 |  |  |
|  10 | TsD04B | Compacting with manual knocker of the embankments in horizontal of inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground  | m3 | 3.500 |  |  |
|  |  | **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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***List of works’ volume***

***/*** *Emptying tubes/*

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| 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 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 HP, including the pushing of the ground up to 10m, in fields of category 1 (removing the vegetal layer and moving at 100mm) | 100 m3 | 0.070 |  |  |
|  2 | TsC22A1 k=9 | Increase in use of hours-equipment art. TsC18, TsC19, TsC20 and TsC21 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective items TSC18A1, for grounds of category I  | 100 m3 | 0.070 |  |  |
|  3 | 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 | 10.000 |  |  |
|  4 | TsE01B  | Manual levelling of the land field and platforms, with subsidence of 10-20 cm, in middle soil  | 100 m2 | 0.166 |  |  |
|  5 | TsD04B | Compacting with manual knocker of the embankments in horizontal of inclined digs to 1/4, including watering every layer of land separately, with the thickness of 10 cm of cohesive ground  | m3 | 16.600 |  |  |
|  6 | AcF03A | Fillings in the trenches of the pipes for water supply or sewerage, as substrate, protection layer, insulating layer or filtering layer for the drainage tubes, made with sand  | m3 | 1.700 |  |  |
|  7 | AcA08B | Assembling in the ground, outside the building, the PVC pipes of 9m, sealed with rubber fittings, with the diameter 200-225 mm (installing non-pressure corrugated pipes PVC D=300mm)  | m | 27.600 |  |  |
|  8 | Dl129 | Fillings with gross stone for artificial elements on the roads (Cog from quarry rock not lower than M300 fraction 50-300mm)  | m3 | 0.500 |  |  |
|  9 | TsC54C | Foundation layer of local gravel  | m3 | 0.200 |  |  |
|  10 | Dl119 | Monolithic foundations of concrete B15 F150 W6 at artificial buildings (Installing the bottom plate 1.5x„.5x0.15 (m) from monolith concrete B15 F100,W6)  | m3 | 0.340 |  |  |
|  11 | TsD02B1 | Spreading the 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 21-30 cm | 100 m3 | 0.100 |  |  |
|  12 | TsD05B | Compacting with the mechanical knocker of 150-200 kg filling in the successive layers of 20-30 cm thickness, excluding the watering of every layer separately, the earth fillings being executed from cohesive soil  | 100 m3 | 0.100 |  |  |
|  13 | TsC18A1 | Mechanic digging with bulldozer on the crawler 65-80 HP, including the pushing of the ground up to 10m, in fields of category I (recovering the vegetal layer with moving up to 100 m)  | 100 m3 | 0.070 |  |  |
|  14 | TsC22A1 k=9 | Increase in use of hours-equipment art. TsC18, TsC19, TsC20 and TsC21 for transporting the ground for each additional 10 m, exceeding the distance envisaged for the respective items TSC18A1, for grounds of category I  | 100 m3 | 0.070 |  |  |
|  |  | **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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***List of works’ volume***

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

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| --- |
| Bid value: **USD** |
|  |
| 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 2 (excavation of 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*

|  |
| --- |
| Bidder  |

*(position, signature, name, surname)*

S.P.