|  |  |
| --- | --- |
| **Capital repair of the 1.4 km long local road in Manoilesti village, Ungheni district** | WinСмета2000Form 1 |
| (name of the site) |  |

**List with quantities of works**

**Road repair works**

 (name of works)

 **Bid value: USD**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No  | Symbol of the norm and resource code | Type of works  | U.M. | Quantity  | Price per unit of measure, USD (including the salary)  | Total, $ (col.5 x col.6) |
|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|  |  | **1. Manoilesti road** |  |  |  |  |
|  |  | **1.1. Earthworks**  |  |  |  |  |
| 1 | TsC04B1 | Mechanic digging with crawler excavator of 0.65 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in warehouses, ground cat. II. (unloading the topsoil from road territory)  | 100 m3 | 17.67 |  |  |
|  2 | TsI51A1 | Transport the topsoil with a dumper of 10 t at a distance of: 1 km  | t | 2,297.10 |  |  |
|  3 | TsC51B | Unloading works   | 100 m3 | 17.67 |  |  |
|  4 | TsC04B1 | Mechanic digging with crawler excavator of 0.65 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, unloading in warehouses, ground cat. II. (scrapping the road system housing)  | 100 m3 | 6.35 |  |  |
|  5 | TsI51A1 | Transport the topsoil with a dumper of 10 t at a distance of: 1 km  | t | 1,174.75 |  |  |
|  6 | TsC51B | Unloading works   | 100 m3 | 6.35 |  |  |
|  7 | TsC04B1 | Mechanic digging with crawler excavator of 0.65 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in warehouses, ground cat. II. (excavation in existing warehouse)  | 100 m3 | 11.38 |  |  |
|  8 | TsI51A3 | Transportation of soil with the dumper of 10 t at a distance of: 3 km  | t | 2,105.30 |  |  |
|  9 | TsC51B | Unloading works   | 100 m3 | 11.38 |  |  |
|  10 | TsD08A1 | Mechanical compacting of the fitting with static self-propelled wheel compactor, 10.1-16 t, in successive layers of 15-25 cm thickness after compacting, excluding the watering of every layer separately, the earth fillings being executed from non-cohesive ground (housing foundation) 6 crossings  | 100 m3 | 24.17 |  |  |
|  11 | TsD08A1 | Mechanical compacting of the fitting with static self-propelled wheel compactor, 10.1-16 t, in successive layers of 15-25 cm thickness after compacting, excluding the watering of every layer separately, the earth fillings being executed from non-cohesive ground (embankment compaction) 6 crossings  | 100 m3 | 11.38 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Earthworks****Including salary** | **US$****US$** |  |  |  |
|  |  |  |  |  |  |  |
|  |  | **1.2. Demolition of the road layer** |  |  |  |  |
| 12 | Dl118 | Mechanised scrapping of the coating of broken stone   | m3 | 117.00 |  |  |
|  13 | TsC03F1 | Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, ground cat. II (loading of the demolished material)  | 100 m3 | 1.17 |  |  |
|  14 | TsI51A1 | Transportation of the mowed material with the dumper of 10 t at a distance of: 1 km  | t | 187.20 |  |  |
|  15 | TsC51B | Unloading of the demolished material  | 100 m3 | 1.17 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Demolition of the road layer****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.3. Demolition of the existing footbridges** |  |  |  |  |
| 16 | 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 (scrapping footbridge embankment)  | 100 m3 | 0.25 |  |  |
|  17 | TsI51A1 | Transportation of the mowed material with the dumper of 10 t at a distance of: 1 km  | t | 43.00 |  |  |
|  18 | TsC51B | Unloading works   | 100 m3 | 0.25 |  |  |
|  19 | RpAcA50D | Remove water pipes with asbestos cement tubes, assembled with rubber sleeve and rings, with a 500-600 mm diameter  | m | 14.00 |  |  |
|  20 | TsI51A3 | Transportation with the dumper of 10 t at a distance of: 3 km  | t | 5.30 |  |  |
|  21 | DI122 | Demolition of 1.20 m diameter tubular footbridges, with up to 3m high embankment for artificial buildings on roads (demolition of TH1200 elements) | m3 | 4.90 |  |  |
|  22 | TsI51A3 | Transportation with the dumper of 10 t at a distance of: 3 km  | t | 12.30 |  |  |
|  23 | TsC51B | Unloading works   | 100 m3 | 0.049 |  |  |
|  24 | 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 (mud excavation)  | 100 m3 | 0.20 |  |  |
|  25 | TsI51A3 | Transportation with the dumper of 10 t at a distance of: 3 km  | t | 38.00 |  |  |
|  26 | TsC51B | Unloading works   | 100 m3 | 0.20 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Demolition of the existing footbridges****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.4. Reinforce road verges and the green area** |  |  |  |  |
|  |  | **1.4.1. Reinforce the green area with topsoil** |  |  |  |  |
| 32 | TsC03E1 | Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, ground cat. I (loading from accumulation site) h=15 cm  | 100 m3 | 3.14 |  |  |
|  33 | TsI51A1 | Transportation of soil with the dumper of 10 t at a distance of: 1 km  | t | 408.20 |  |  |
|  34 | TsC51B | Soil unloading works  | 100 m3 | 3.14 |  |  |
|  35 | TsD01A | 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 light ground  | m3 | 2 096,00 |  |  |
|  36 | TsH09A | Turf seeding on horizontal or sloping surfaces under 30% (hand seeding)  | 100 m2 | 20.96 |  |  |
|  37 | TsH12B | Watering the areas with the hose from the tank   | 100 m2 | 20.96 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Reinforce the green area with topsoil****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.4.2. Reinforce road verges with LA/30 split stone** |  |  |  |  |
| 38 | DI115 | Reinforce road verges with a layer of 10 cm split stone (split stone fr.8-31.5 LA/30, according to SR-EN 13242+A;2008) h=10cm  | m2 | 841.00 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Reinforce road verges with LA/30 split stone****Including salary** | **US$****US$** |  |  |  |
|  |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Reinforce road verges and the green area****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.5. Setting the road traffic system**  |  |  |  |  |
| 39 | DI110 | Cover a drainage layer (Mixture of coarse aggregate and fine aggregate with D less than or equal to 45) H-15cm  | m3 | 967.00 |  |  |
|  40 | DA04A | Mechanical scarification of the road surface, carried out with an autograder, to the required depth, but not less than 5 cm, without collecting the material  | 100 m3 | 48.70 |  |  |
|  41 | DA12B | Reinforcing or re-profiling layer from crushed stone, for roads with mechanical covering, executed with wedging without renewal (split stone fr.8-31.5 mm LA/30) hmed=12cm  | m3 | 117.00 |  |  |
|  42 | DA12B | Foundation or re-profiling layer from crushed stone for roads with mechanical covering executed with wedging without renewal (crushed (split) stone fr.31.5-63 LA/30, h=16cm)  | m3 | 1261.00 |  |  |
|  43 | DA12B | Foundation or re-profiling layer from split stone for roads with mechanical covering executed with wedging without renewal (split stone fr.8-31.5 mm LA/30) h=12cm  | m3 | 228.00 |  |  |
|  44 | DI134 | Mechanised placement of the road clothing from crushed stone LA/30 fr. 8-63 using the method of wedging in one layer H=12 cm   | 100 m2 | 52.66 |  |  |
|  46 | DI107 | Priming the surface of the main layers in order to apply a layer of asphaltic concrete, 0.6l/m2 ( bitumen 50/70)  | t | 1.68 |  |  |
|  47 | DB19G | Hot mix asphalt concrete layer with small aggregates, 6.0 cm thick, mechanical covering (open asphalt concrete with chippings BAD 22,4, CP D.02.25:2021) oil sand is excluded from the standard  | m2 | 2 802,00 |  |  |
|  48 | DI107 | Priming the surface of the main layers in order to apply a layer of asphaltic concrete, 0.3 l/m3  | t | 0.84 |  |  |
|  49 | DB16H | Hot mix asphalt concrete layer with small aggregates, 4.0 cm thick, mechanical covering (asphalt concrete with chippings BA 16 h=4 cm according to CP D.02.25:2021) oil sand is excluded from the standard  | m2 | 2 802,00 |  |  |
|  50 | material | Open asphalt concrete with chippings BA 16 according to CP D.02.25:2021 (DB16H added to the standard) according to the project  | t | 5.61 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Setting the road traffic system** **Including salary** | **US$****US$** |  |  |  |
|  |  | **1.6. Arranging big curbs BR 100.30.15** |  |  |  |  |
| 51 | TsC54B | Split stone foundation layer fr.8-31.5mm LA/30 ( h=10cm )  | m3 | 21.80 |  |  |
|  52 | DE10E | Pre-manufactured concrete borders (edges of 100x30x15cm) on C12/16 X0 concrete foundation  | m | 661.00 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Arranging big curbs BR 100.30.15****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.7. Build a public transport stop** |  |  |  |  |
| 54 | DA04A | Mechanical scarification of the road surface, carried out with an autograder, to the required depth, but not less than 5 cm, without collecting the material  | 100 m3 | 44.25 |  |  |
|  55 | DA12B | Reinforcing or re-profiling layer from crushed stone, for roads with mechanical covering, executed with wedging without renewal (split stone fr.8-31.5 mm LA/30) hmed=12cm  | m3 | 99.00 |  |  |
|  56 | DI107 | Priming the surface of the main layers in order to apply a layer of asphaltic concrete, 0.6l/m2 ( bitumen 50/70)  | t | 0.495 |  |  |
|  57 | DB19G | Hot mix asphalt concrete layer with small aggregates, 6.0 cm thick, mechanical covering (open asphalt concrete with chippings BAD 22,4, CP D.02.25:2021) oil sand is excluded from the standard  | m2 | 825.00 |  |  |
|  58 | DI107 | Priming the surface of the main layers in order to apply a layer of asphaltic concrete, 0.3 l/m3  | t | 0.248 |  |  |
|  59 | DB16H | Hot mix asphalt concrete layer with small aggregates, 4.0 cm thick, mechanical covering (asphalt concrete with chippings BA 16 h=4 cm according to CP D.02.25:2021) oil sand is excluded from the standard | m2 | 825.00 |  |  |
|  60 | material | Open asphalt concrete with chippings BA 16 according to CP D.02.25:2021 (DB16H added to the standard) according to the project  | t | 1.65 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Build a public transport stop****Including salary** | **US$****US$** |  |  |  |
|  |  |  |  |  |  |  |
|  |  | **1.8. Construct prefabricated L4-8 gutters** |  |  |  |  |
| 61 | DI95 | Mechanized digging of gutters cat. II (the standard provides the transport at 1 km)  | 100 m3 | 1.262 |  |  |
|  62 | TsA20B | Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in middle ground   | m3 | 54.10 |  |  |
|  63 | TsC04B1 | Mechanic digging with crawler excavator of 0.65 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading to a disposal, ground cat. II.(loading)  | 100 m3 | 0.541 |  |  |
|  64 | TsI51A1 | Transport the topsoil with a dumper of 10 t at a distance of: 1 km  | t | 97.38 |  |  |
|  65 | TsC51B | Unloading works   | 100 m3 | 0.541 |  |  |
|  66 | TsE03B | Manual finishing (polishing) of slopes in middle ground  | 100 m2 | 6.51 |  |  |
|  67 | TsC54B | Crushed stone foundation layer fr.8-31.5, LA/30, SM SR EN 13242+A1:2010 h=15 cm  | m3 | 30.00 |  |  |
|  68 | Dl119 | Monolithic foundations of concrete C20/25 XC1 at artificial buildings h=10cm  | m3 | 20.00 |  |  |
|  69 | Dl123 | Install gutters at the artificial buildings on roads (L4-8 gutters,298.5x78x53cm) 109 pcs)  | m3 | 57.10 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Construct prefabricated L4-8 gutters****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.9. Triangular monolithic concrete ditch (h=0.6)** |  |  |  |  |
| 70 | DI95 | Mechanized digging of gutters cat. II (the standard provides the transport at 1 km)  | 100 m3 | 4.46 |  |  |
|  71 | TsA20B | Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in middle ground   | m3 | 50.00 |  |  |
|  72 | TsI51A1 | Transportation of soil with the dumper of 10 t at a distance of: 1 km  | t | 90.00 |  |  |
|  73 | TsC51B | Soil unloading works  | 100 m3 | 0.50 |  |  |
|  74 | TsE03B | Manual finishing (polishing) of slopes in middle ground (manual finishing of slopes)  | 100 m2 | 14.10 |  |  |
|  75 | Dl130 | Monolithic concrete gutter C30/37 XF4 XC4 XD3 h=15 cm on split stone foundation fr.8-31,5 LA/30 h=10 cm (gutter’s slope) | 100 m2 | 11.11 |  |  |
|  77 |  | Wooden material  | m3 | 0.42 |  |  |
|  78 | RpCE23A | Bituminous mastic for filling (Bituminous mastic standard use is 1 kg) applied standard  | kg | 300.00 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Triangular monolithic concrete ditch (h=0.6)****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.10. Reinforce triangular ditches through seeding Type 3** |  |  |  |  |
| 79 | TsE03B | Manual finishing (polishing) of slopes in middle ground (manual finishing of slopes)  | 100 m2 | 3.93 |  |  |
|  80 | TsH09A | Seeding the lawn on horizontal areas and fields with a slope under 30%   | 100 m2 | 3.93 |  |  |
|  81 | TsH12B | Watering the areas with the hose from the tank   | 100 m2 | 3.93 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Reinforce triangular ditches through seeding Type 3****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.11. Install 0.6m diameter footbridges at the courtyard entrances and side roads** |  |  |  |  |
| 82 | 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 in the storage of ground cat. II (digging the channel)  | 100 m3 | 0.80 |  |  |
|  83 | TsA20B | Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in middle ground   | m3 | 8.90 |  |  |
|  84 | TsC54B | Crushed stone foundation layer fr.8-31.5, LA30, SM SR EN 13242+A1:2010  | m3 | 28.30 |  |  |
|  85 | TsC54B | Crushed stone foundation layer fr.8-31.5, LA30, SM SR EN 13242+A1:2010 (under the ends)  | m3 | 1.60 |  |  |
|  86 | Dl125 | Install the 1.0 diameter footbridge ends for artificial bridges on roads (gateway CT9 type) 24 pcs  | m3 | 19.90 |  |  |
|  87 | Dl119 | Monolithic cement mortar foundations  | m3 | 0.98 |  |  |
|  88 | Dl121 | Executing the waterproofing by lubricating in 2 layers for the artificial buildings at the roads   | m2 | 214.50 |  |  |
|  89 | DI122 | Install footbridges, up to 3m high embankment for artificial buildings on roads (0.6m diameter footbridge TS60.25.3) 97.5 ml  | m3 | 23.40 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Install 0.6m diameter footbridges at the courtyard entrances and side roads****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.12. Construct 1.20m diameter footbridges TS 120.25.3** |  |  |  |  |
| 90 | 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 in the storage of ground cat. II (scrapping the channel)  | 100 m3 | 0.57 |  |  |
|  91 | TsA20B | Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in middle ground   | m3 | 6.00 |  |  |
|  92 | TsC03F1 | Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, ground cat. II (loading)  | 100 m3 | 0.63 |  |  |
|  93 | TsI51A1 | Transportation of soil with the dumper of 10 t at a distance of: 1 km  | t | 117.00 |  |  |
|  94 | TsC51B | Unloading works   | 100 m3 | 0.63 |  |  |
|  95 | TsC54B | Split stone foundation layer LA/30 fr.16-31.5  | m3 | 17.50 |  |  |
|  96 | Dl119 | Monolithic foundations of concrete C20/25 XC1 at artificial buildings | m3 | 3.70 |  |  |
|  97 | Dl119 | Monolithic foundations of concrete C20/25 XF4 XC4 XD3 at artificial buildings (the exits) | m3 | 0.33 |  |  |
|  98 | Dl119 | Monolithic cement mortar foundations C12/15 X0  | m3 | 0.65 |  |  |
|  99 | Dl122 | Install 1.0 m diameter tubular footbridges, up to 3m high embankment for artificial buildings on roads (1.20 m diameter reinforced concrete footbridges) TS120.25.3 4pcs.  | m3 | 7.00 |  |  |
|  100 | Dl125 | Install the 1.0 diameter footbridge ends for artificial bridges on roads (gateway CT10 type) 2 pcs  | m3 | 2.40 |  |  |
|  101 | Dl125 | Install the 1.0 diameter footbridge ends for artificial bridges on roads (CT4 wing type) 2 pcs | m3 | 2.48 |  |  |
|  102 | Dl121 | Executing the waterproofing by lubricating in 2 layers for the artificial buildings at the roads   | m2 | 53.00 |  |  |
|  103 | Dl120 | Executing the waterproofing by gluing in 2 layers for the artificial buildings on the roads   | m2 | 10.00 |  |  |
|  104 | IzK01A | Fibrous insulating materials, applied through compaction (mineral wool, glass wool, fibrous asbestos, range V-VII) (oakum of fiber packing joints)   | t | 0.001 |  |  |
|  105 | company’s price  | Cilti bitumen (to be added to IzK01A standard)  | kg | 1.00 |  |  |
|  106 | DI119 | Monolithic foundations of concrete C30/37 XF4 XC4 XD3 at artificial buildings (spur development)  | m3 | 0.50 |  |  |
|  107 | Dl130 | Reinforce the exit with monolithic concrete C30/37 XF4 XC4 XD3 h=15 cm on split stone foundation LA/30 fr. 8-31.5 h=10 cm at the entrance  | 100 m2 | 0.196 |  |  |
|  109 | PD04A | Assembling the casing, d-6mm A240  | kg | 86.24 |  |  |
|  110 | Dl130 | Reinforce the embankment slope with monolithic concrete C30/37 XF4 XC4 XD3 h=8 cm on split stone foundation LA30 fr. 8-31.5 h=10 cm slope | 100 m2 | 0.11 |  |  |
|  112 | PD04A | Assembling the casing   | kg | 24.20 |  |  |
|  113 | DI119 | Monolithic concrete foundations C30/37; XF4 XC4 XD3 at artificial buildings (truck for unloading concrete C30/37; XF4 XC4 XD3 20cm wall thickness)   | m3 | 1.09 |  |  |
|  114 | TsC54B | Split stone foundation layer; fr.8-31,5 LA/30; h=20cm  | m3 | 0.68 |  |  |
|  115 | PD04A | Assembling the casing, A500 C d-8 mm  | kg | 183.70 |  |  |
|  116 | PD04A | Assembling the casing, d-6mm A240  | kg | 9.80 |  |  |
|  117 | DI121 | Executing the waterproofing by lubricating in 2 layers for the artificial buildings at the roads   | m2 | 6.80 |  |  |
|  118 | PC04A | Plywood panel formwork of P type for reinforced concrete for straight girder bridges  | m2 | 14.00 |  |  |
|  119 | TsC03B2 | Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in clay soil soaked with water and unloading it to a disposal, cat. II (clean the channel)  | 100 m3 | 0.10 |  |  |
|  120 | DI129 | Fillings with gross stone for artificial elements on the roads   | m3 | 5.20 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Construct 1.20m diameter footbridges TS 120.25.3****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.13. Side roads** |  |  |  |  |
|  |  | **1.13.1. Embankment** |  |  |  |  |
| 121 | TsC03F1 | Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, ground cat. II (scrapping the channel)  | 100 m3 | 2.16 |  |  |
|  122 | TsI51A2 | Transportation with the dumper of 10 t at a distance of: 2 km  | t | 388.80 |  |  |
|  123 | TsC51B | Unloading works   | 100 m3 | 2.16 |  |  |
|  124 | TsE05C | 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. III  | 100 m2 | 13.40 |  |  |
|  125 | TsD08A1 | Mechanical compacting of the fitting with static self-propelled wheel compactor, 10.1-16 t, in successive layers of 15-25 cm thickness after compacting, excluding the watering of every layer separately  | 100 m3 | 3.35 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Embankment****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.13.2. Type I (480m2)** |  |  |  |  |
| 126 | DA06B2 | Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-freeze and anti-capillary, with mechanical coverage, with sand, (h = 10cm)   | m3 | 48.00 |  |  |
|  127 | DA12B | Foundation or re-profiling layer from crushed stone for roads with mechanical covering executed with wedging without renewal (crushed (split) stone fr.8-31.5 LA/30, h=25cm)  | m3 | 120.00 |  |  |
|  128 | Dl107 | Priming the surface of the main layers in order to apply a layer of asphaltic concrete , 0.6 l / m2  | t | 0.288 |  |  |
|  129 | DB19G | Hot mix asphalt concrete layer with small aggregates, 6.0 cm thick, mechanical covering (open asphalt concrete with chippings BAD 22,4. bitumen 50/70 CP D.02.25:20218)  | m2 | 480.00 |  |  |
|  130 | Dl107 | Priming the surface of the main layers in order to apply a layer of asphaltic concrete , 0.3 l / m2  | t | 0.144 |  |  |
|  131 | DB16H | Hot mix asphalt concrete layer with small aggregates, 4.0 cm thick, mechanical covering (asphalt concrete with chippings BA 16 according to CP D.02.25:2021)   | m2 | 480.00 |  |  |
|  132 | material | Asphalt concrete with chippings, BA16 rul, Bitumen 50/70, according to CP D.02.25:2021 (DB16H added to the standard) according to the project  | t | 0.96 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Type I (480m2)****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.13.3. Type II (860m2)** |  |  |  |  |
| 133 | DI134 | Mechanised placement of the road clothing from crushed stone LA/30 fr. 8-63 using the method of wedging in one layer H=15 cm   | 100 m2 | 8.60 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Type II (860m2)****Including salary** |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Side roads****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.14. Construct the courtyard entrances** |  |  |  |  |
| 134 | TsC21B1 | Mechanic digging with moto greder up to 175 HP, including spreading of the ground up to 10m, in ground of category II (scrapping the channel)  | 100 m3 | 1.46 |  |  |
|  135 | TsC03F1 | Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, ground cat. II (loading)  | 100 m3 | 1.46 |  |  |
|  136 | TsI51A1 | Transportation of soil with the dumper of 10 t at a distance of: 1 km  | t | 262.80 |  |  |
|  137 | TsC51B | Unloading works   | 100 m3 | 1.46 |  |  |
|  138 | TsE05C | 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. III  | 100 m2 | 4.87 |  |  |
|  139 | TsD08A1 | Mechanical compacting of the fitting with static self-propelled wheel compactor, 10.1-16 t, in successive layers of 15-25 cm thickness after compacting, excluding the watering of every layer separately, the earth fillings being executed from non-cohesive ground   | 100 m3 | 1.22 |  |  |
|  140 | DA06B2 | Layer of natural cylinder aggregates, having the function of filtering resistance, insulation, ventilation, anti-capillary, with manual coverage, with sand (Mixture of coarse aggregate and fine aggregate with D less than or equal to 45 mm, h=10cm)  | m3 | 48.70 |  |  |
|  141 | DA12B | Foundation or re-profiling layer from crushed stone, for roads with mechanical covering, executed with wedging without renewal (crushed (split) stone fr.8-31.5 LA/30, h=15cm)  | m3 | 73.05 |  |  |
|  142 | Dl107 | Priming the surface of the main layers in order to apply a layer of asphaltic concrete , 0.6 l / m2  | t | 0.292 |  |  |
|  143 | DB16D | Imbracaminte de beton asfaltic cu agregate marunte, executata la cald, in groosime de 5.0 cm, cu asternere manuala (asphalt concrete with chippings BA 16 according to CP D.02.25:2021) k=1.25  | m2 | 487.00 |  |  |
|  144 | material | Asphalt concrete with chippings, BA16 rul, Bitumen 50/70, according to CP D.02.25:2021 (DB16D added to the standard) according to the project  | t | 1.22 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Construct the courtyard entrances****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.15. Building the pavement**  |  |  |  |  |
| 145 | TsC21B1 | Mechanic digging with moto greder up to 175 HP, including spreading of the ground up to 10m, in ground of category II (scrapping the channel)  | 100 m3 | 1.216 |  |  |
|  146 | TsA20B | Manual digging of land, in breakers, with canal embankment dug with the excavator or scraper for completing the cutting slopers, in middle ground   | m3 | 30.40 |  |  |
|  147 | TsC03F1 | Mechanic digging with excavator of 0.40-0.70 m3, with internal combustion engine and hydraulic command, in grounds with natural humidity, and unloading in motor-cars, ground cat. II (loading)  | 100 m3 | 1.52 |  |  |
|  148 | TsI51A1 | Transportation of soil with the dumper of 10 t at a distance of: 1 km  | t | 273.60 |  |  |
|  149 | TsC51B | Unloading works   | 100 m3 | 1.52 |  |  |
|  150 | Dl111 | Mechanized pavement foundation layers of h=12 cm of LA 30 crushed stone according to SM SR EN 13242+A1, fr.8-31.5  | m2 | 632.00 |  |  |
|  151 | Dl112 | For every 1 cm, the change of the thickness of the layer of crushed stone shall be added or subtracted from standard Dl111 (к=+3)  | m2 | 632.00 |  |  |
|  152 | DE18A | Pavement layer of a dry mixture of cement and sand, proportion of 1:6, mixed with a dry mixture of cement and sand, 5 cm layer thickness (h-4 cm grey brick paving)  | m2 | 632.00 |  |  |
|  153 | DE11A | Small edging, precast from concrete with section of 10x15 cm, for framing green spaces, sidewalks, alleys, etc., placed on a concrete foundation, de 10x20 cm (Small edges 100x20x8 cm on B15 concrete foundation C20/25)  | m | 687.00 |  |  |
|  154 | DI124 | Install reinforced concrete slabs at the gutters for artificial buildings on roads (P8-8 slabs) 2 pcs  | m3 | 0.69 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Building the pavement****Including salary** | **US$****US$** |  |  |  |
|  |  | **1.16. Works for road traffic safety**  |  |  |  |  |
| 155 | DF18A | Planing the pillars for industrially-manufactured road traffic signs (SCM1.35)  | pcs | 27.00 |  |  |
|  156 | DF18A | Planing the pillars for industrially-manufactured road traffic signs (SCM 2.40)  | pcs | 20.00 |  |  |
|  157 | DF19A | Mounting the road signs from steel or aluminum plates on a ready-to-use pillar - A900 signs   | pcs | 29.00 |  |  |
|  158 | DF19A | Mounting the road signs from steel or aluminum plates on a ready-to-use pillar - B700 signs   | pcs | 18.00 |  |  |
|  159 | DF19A | Mounting the road signs from steel or aluminum plates on a ready-to-use pillar - B900 signs  | pcs | 6.00 |  |  |
|  160 | DF19A | Mounting the road signs from steel or aluminum plates on a ready-to-use pillar - 700x350 signs  | pcs | 2.00 |  |  |
|  161 | DF19A | Mounting the road signs from steel or aluminum plates on a ready-to-use pillar - BH 900x600 signs   | pcs | 2.00 |  |  |
|  162 | DF19A | Mounting the road signs from steel or aluminum plates on a ready-to-use pillar - D-700 signs  | pcs | 4.00 |  |  |
|  163 | DF17A | Longitudinal, transversal and miscellaneous markings, mechanically painted on road surfaces | m2 | 156.30 |  |  |
|   |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Works for road traffic safety** **Including salary** | **US$****US$** |  |  |  |
|  |  |  |  |  |  |  |
|  |  | *Total* |  |  |  |  |
|  |  | **Total Manoilesti road****Including salary** | **US$****US$** |  |  |  |
|  |  | **Social Insurance**  | **24%** |  |  |  |
|  |  | **Supply-storage costs**  | **%** |  |  |  |
|  |  | **Total** |  |  |  |  |
|  |  | **Overhead costs** | **%** |  |  |  |
|  |  | **Total** |  |  |  |  |
|  |  | **Estimate benefit** | **%** |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Total estimates****Incl. salary** | **USD** **USD**  |  |
|  |
| Bidder  |
| (position, signature, name, surname)  |