

Supplementary File 2 - Case Study Landscape Design Costs

| Π.Τ | A.T | Work* | Unit | Revision name | Cost (€) | Quantity | Budget (€) |
|---|------------|---|------|---------------|----------|----------|------------|
| Section 1- Downstream slope hardfill moulding | | | | | | | |
| ΦΡΓ | 9.01 | Metal or wood formwork for flat surfaces | m² | ΥΔΡ 6301 | 4.50 | 4688.64 | 21098.88 |
| Section 2 - Downstream slope balconies | | | | | | | |
| | N/A | Precast concrete units C16/20¹ | pc. | ΥΔΡ 6329 | 450.00 | 96.00 | 43200.00 |
| ΥΔΡ | 9.10.04&01 | Concrete construction with C16/20 | m³ | ΥΔΡ 6328 | 82.50 | 11.49 | 948.02 |
| ΦΡΓ | 8.06.01 | Concrete construction with C20/25 | m³ | ΥΔΡ 6329 | 88.00 | 63.94 | 5626.51 |
| ΦΡΓ | 9.01 | Metal or wood formwork for flat surfaces | m² | ΥΔΡ 6301 | 4.50 | 229.94 | 1034.73 |
| ΦΡΓ | 8.05 | Supply and installaton of concrete reinforcement | kg | ΥΔΡ 6311 | 0.90 | 7542.88 | 6788.59 |
| ΦΡΓ | 9.06 | Additional cost for forming detailed concrete surface finishes | m² | ΥΔΡ 6304 | 5.40 | 404.10 | 2182.14 |
| ΦΡΓ | 8.05 | Supply and installaton of concrete reinforcement | kg | ΥΔΡ 6311 | 0.90 | 29387.76 | 26448.98 |
| | N/A | Dam hardfill² | m³ | ΥΔΡ 6323 | 22.50 | 36.12 | 812.59 |
| ΟΙΚ | 71.46 | Rubbed coating on meshes with lime mortar using plastering trowel | m² | ΟΙΚ 7146 | 11.00 | 491.28 | 5404.08 |
| ΟΙΚ | 77.01 | Lime watercoloring of new surfaces | m² | ΟΙΚ 7701 | 1.50 | 491.28 | 736.92 |
| Section 3- Downstream slope planted space | | | | | | | |

| Concrete steps | | | | | | | |
|----------------------------|----------|--|------|-----------|--------|----------|----------|
| ΥΔΡ | 8.01.03 | Assemblage of wires of gabions of galvanized wire mesh from alloy of zinc and aluminum | kg | ΥΔΡ 6151 | 2.50 | 17293.83 | 43234.56 |
| ΥΔΡ | 8.02.01 | Filling of gabions with crushed material of quarry origin | m³ | ΥΔΡ 6154 | 16.00 | 1010.45 | 16167.28 |
| ΦΡΓ | 9.01 | Metal or wood formwork for flat surfaces | m² | ΥΔΡ 6301 | 4.50 | 1155.09 | 5197.91 |
| ΦΡΓ | 4.24 | Supply and installation of mesh support anchors | pc. | ΥΔΡ 7025 | 9.00 | 895.42 | 8058.77 |
| Preparation of green areas | | | | | | | |
| ΠΡΣ | Δ7 | Supply of gardening soil | m³ | ΠΡΣ 1710 | 8.50 | 157.75 | 1340.84 |
| ΠΡΣ | Δ8 | Supply of topsoil | m³ | ΠΡΣ 1620 | 5.00 | 591.55 | 2957.74 |
| ΠΡΣ | Δ9 | Supply of manure | m³ | ΠΡΣ 5340 | 24.60 | 39.44 | 970.14 |
| ΟΙΚ | 10.01.02 | Loading and unloading by mechanical means | m³ | ΟΙΚ-1104 | 1.50 | 788.73 | 1183.10 |
| ΠΡΣ | Γ1 | General soil surface formation for planting plants | acre | ΠΡΣ 1140 | 100.00 | 0.61 | 60.77 |
| Plant material | | | | | | | |
| ΠΡΣ | Δ4.2 | Slope plants of category S2 (cypress) | pc. | ΠΡΣ-394.2 | 1.50 | 14.00 | 21.00 |
| ΠΡΣ | Δ2.2 | Shrubs category Θ2 (olive) | pc. | ΠΡΣ-392.2 | 3.50 | 12.00 | 42.00 |
| ΠΡΣ | Δ6.1 | Herbaceous - perennial plants category P1 (thyme) | pc. | ΠΡΣ-396.2 | 0.75 | 405.00 | 303.75 |
| Planting | | | | | | | |
| ΠΡΣ | E1.1 | Digging pits with dimension: 0.30 X 0.30 X 0.30 m | pc. | ΠΡΣ 5130 | 0.60 | 800.73 | 480.44 |
| ΠΡΣ | E9.3 | Planting plants with balled roots of volume up to 1.50 lt | pc. | ΠΡΣ 5210 | 0.80 | 788.73 | 630.98 |

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|------------------------------|-------------|---|-----|------------|--------|---------|----------|
| ΠΡΣ | E9.3 | Planting plants with balled roots of volume up to 4 lt | pc. | ΠΡΣ 5210 | 1.00 | 591.55 | 591.55 |
| ΠΡΣ | ΣΤ 2.1.5 | Irrigation of plants with ground irrigation system, automated | pc. | ΠΡΣ 5321 | 0.01 | 1905.87 | 19.06 |
| Irrigation system | | | | | | | |
| Primary irrigation network | | | | | | | |
| ΠΡΣ | H9.1.1 | Irrigation control solenoid valves (solenoid valves), PN 10 atm, plastic Φ 2 1/2" | pc. | HΛM 8 | 140.00 | 4.00 | 560.00 |
| ΠΡΣ | | Other equipment for irrigation control systems ⁴ | | | | | 15000.00 |
| ΠΡΣ | H3.1 | Pipeline made of galvanized iron pipe with heavy type seam Φ 2 1/2" ³ | m | HΛM 5 | 17.10 | 64.00 | 1094.40 |
| ΠΡΣ | H5.12.2 | Pressure reducer PN 16 atm Φ 3/4" | pc. | HΛM 11 | 28.70 | 4.00 | 114.80 |
| ΥΔΡ | 13.03.01.03 | Drawer vales with flange diameter of 100 mm and nominal pressure of 10 atm. | pc. | ΥΔΡ 6651.1 | 200.00 | 4.00 | 800.00 |
| ΠΡΣ | H7.2.8 | Water filter, mesh or disc, plastic, nominal pressure 10 atm Φ 3" | pc. | HΛM 8 | 400.00 | 2.00 | 800.00 |
| Secondary irrigation network | | | | | | | |
| ΠΡΣ | H5.12.2 | Pressure reducer PN 16 atm Φ 3/4" | pc. | HΛM 11 | 28.70 | 4.00 | 114.80 |
| ΠΡΣ | H2.3.5 | Pipeline from PVC pipe 10 atm Φ 110 | pc. | HΛM 8 | 9.90 | 55.00 | 544.50 |
| Tertiary irrigation network | | | | | | | |
| ΠΡΣ | H8.1.1 | Self-regulating dripper, accessible | pc. | HΛM 8 | 0.21 | 862.00 | 181.02 |
| ΠΡΣ | H8.2.9 | Dripercarrier Φ 20 mm from PE with self-regulating drippers and root repellent for underground installation. | pc. | HΛM 8 | 0.94 | 646.50 | 607.71 |

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|-------------------------------|---------|---|-----|----------|--------|--------|-----------|
| Upstream slope crest | | | | | | | |
| OIK | 71.46 | Rubbed coating on meshes with lime mortar using plastering trowel | m² | OIK 7146 | 11.00 | 486.60 | 5352.60 |
| OIK | 77.01 | Lime watercoloring of new surfaces | m² | OIK 7701 | 1.50 | 486.60 | 729.90 |
| Lighting fixture modification | | | | | | | |
| OΔ | Z-3.2.3 | Lighting fixture with arm and lamp Na of 400 W power | pc. | HAM-103 | 340.00 | 6.00 | 2040.00 |
| | | | | Sum (€) | | | 298211.65 |

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