| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS Unit Rate | AMOUNTS TOTAL |
|---|---|---|---|---|
| | TO COLLECTION | | | |
| | **MEASURED WORKS** | | | |
| | **SAFETY COSTS (SpCat 1)**<br>**Construction site facilities (Cat 1)** | | | |
| 1<br>S01.01.001.07.a | Welded mesh fencing to be placed on concrete or PVC bases. Assembly, disassembly, and rental for the first month or fraction.<br>barracks area confinement | 60,00 | | |
| | SUB TOTAL m | 60,00 | 8,44 | 506,40 |
| 2<br>S01.01.001.07.b | Prefab mobile fencing as per the previous item. Rental for each subsequent month or fraction.<br>estimated duration of works: 4 months in total | 240,00 | | |
| | SUB TOTAL m | 240,00 | 1,38 | 331,20 |
| 3<br>S01.01.001.15.a | Site gate with one or two leaves, constructed with a braced scaffold-tube frame and closure with welded metal mesh. Assembly, disassembly, and rental for the first month or fraction.<br>barracks area confinement | 2,40 | | |
| | SUB TOTAL m² | 2,40 | 9,34 | 22,42 |
| 4<br>S01.01.001.15.b | Site gate with one or two leaves as per the previous item. Rental for each subsequent month or fraction<br>total estimated work duration: 4 months | 7,20 | | |
| | SUB TOTAL m² | 7,20 | 5,22 | 37,58 |
| 5<br>S01.01.002.01.a | Prefab unit for use as changing room or canteen. Assembly, disassembly, and rental for the first month or fraction (excluding furnishings).<br>- office use | 12,50 | | |
| | -changing room/canteen use | 12,50 | | |
| | SUB TOTAL m² | 25,00 | 93,02 | 2´325,50 |
| 6<br>S01.01.002.01.b | Prefab monobloc unit as per the previous item. Rental for each subsequent month or fraction (excluding furnishings).<br>- quantity for item S01.01.002.01.a, estimated work duration: 4 months in total | 75,00 | | |
| | SUB TOTAL m² | 75,00 | 3,78 | 283,50 |
| 7<br>S01.01.002.04.a | Preparation of a room for use as a changing room with double lockers and benches, minimum 5 seats. Assembly, disassembly, and rental for the first month or fraction. | 5,00 | | |
| | SUB TOTAL addetto | 5,00 | 51,26 | 256,30 |
| 8<br>S01.01.002.04.b | Preparation of a room for use as a changing room as per the previous item. Rental for each subsequent month or fraction.<br>- total estimated work duration: 4 months | 15,00 | | |
| | SUB TOTAL addetto | 15,00 | 1,68 | 25,20 |
| 9<br>S01.01.002.05.a | Preparation of a room for use as a canteen equipped with tables and chairs, minimum 5 seats. Assembly, disassembly, and rental for the first month or fraction | 5,00 | | |
| | SUB TOTAL addetto | 5,00 | 14,04 | 70,20 |
| 10 | Preparation of a room for use as a canteen as per the previous item. Rental for each subsequent month or | | | |
| | TO COLLECTION | | | 3´858,30 |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | 3´858,30 |
| S01.01.002.05.b | fraction.<br>-total estimated work duration: 4 months | 15,00 | | |
| | SUB TOTAL addetto | 15,00 | 1,40 | 21,00 |
| 11<br>S01.01.002.10.a | Preparation of an office space, furnished with a desk with drawer unit, armchair, two chairs, cupboards, small table, double locker, and desk lamp. Assembly, disassembly, and rental for the first month or fraction thereof | 2,00 | | |
| | SUB TOTAL addetto | 2,00 | 141,76 | 283,52 |
| 12<br>S01.01.002.10.b | Preparation of an office space as per the previous item. Rental for each subsequent month or fraction thereof<br>-total estimated work duration: 4 months | 15,00 | | |
| | SUB TOTAL addetto | 15,00 | 13,21 | 198,15 |
| 13<br>S01.01.002.24.a | Sheet metal box for the storage of equipment and materials. Supply and installation on a prepared area. Assembly, disassembly, and rental for the first month or fraction thereof. | 6,60 | | |
| | SUB TOTAL m² | 6,60 | 69,77 | 460,48 |
| 14<br>S01.01.002.24.b | Sheet metal box for the storage of equipment and materials as per the previous item. Rental for each subsequent month or fraction thereof.<br>-total estimated work duration: 4 months | 19,80 | | |
| | SUB TOTAL m² | 19,80 | 2,85 | 56,43 |
| | Sub TotalConstruction site facilities (Cat 1) euro | | | 4´877,88 |
| | TO COLLECTION | | | 4´877,88 |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | 4´877,88 |
| | **Temporary works (Cat 2)** | | | |
| 15 S01.01.006.26.a | Adjustable metal prop with articulated ends for the temporary support of prefabricated panels/metal structures, up to 400 cm in length. Rental for each month or fraction thereof. -total estimated work duration: 4 months | 12,00 | | |
| | SUB TOTAL cad | 12,00 | 2,75 | 33,00 |
| 16 S01.01.006.26.b | Adjustable metal prop with articulated ends for the temporary support of prefabricated panels/metal structures, up to 400 cm in length. For each assembly and disassembly - estimated 8 assemblies/disassemblies | 8,00 | | |
| | SUB TOTAL cad | 8,00 | 6,34 | 50,72 |
| 17 S01.01.004.02.02.a | Prefab aluminum tube wheeled tower scaffolding compliant with UNI EN 1004, base 75 × 165 cm, complete with work platforms, hatches, access ladders, guardrails, stabilizers, and all other equipment required by current standards; maximum load 190 kg; maximum working-platform height 2.70 m. Rental for each month or fraction thereof of the material only. -two scaffoldIngs for each new arch, estimated use 4 months in total | 8,00 | | |
| | SUB TOTAL cad | 8,00 | 32,00 | 256,00 |
| 18 S01.01.004.02.02.b | Prefab aluminum tube wheeled tower scaffolding compliant with UNI EN 1004, base 75 × 165 cm, complete with work platforms, hatches, access ladders, guardrails, stabilizers, and all other equipment required by current standards; maximum load 190 kg; maximum working-platform height 2.70 m. For each assembly and disassembly on site. -estimated two scaffoldings for each new arch | 16,00 | | |
| | SUB TOTAL cad | 16,00 | 16,04 | 256,64 |
| | Sub TotalTemporary works (Cat 2) euro | | | 596,36 |
| | TO COLLECTION | | | 5´474,24 |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS Unit Rate | AMOUNTS TOTAL |
|---|---|---|---|---|
| | TO COLLECTION | | | 5´474,24 |
| | **Collective protective equipment (Cat 3)** | | | |
| 19<br>S01.01.006.34 | Portable lighting fixture on tripod. Rental for each month or fraction thereof<br>-first section<br>-second section<br>-third section<br>-fourth section | <br>3,00<br>2,00<br>22,00<br>8,00 | | |
| | SUB TOTAL cad | 35,00 | 6,91 | 241,85 |
| 20<br>S01.01.006.35 | Portable lighting fixture on tripod. Rental for each month or fraction thereof<br>-quantity for item S01.01.006.34, estimated work duration 4 months in tota | <br>105,00 | | |
| | SUB TOTAL cad | 105,00 | 7,85 | 824,25 |
| 21<br>PA.03.001 | Axial fan UB30 or similar for the intake of clean air and expulsion through existing openings. Technical specifications:<br>. Air flow rate 2,805 m³/h<br>. Motor 1 Hp/0,75 kW<br>. Thermally Protected Motor<br>. Electric 230 V, 50-60 Hz, 1Ø<br>. Amps (start) 33A - (run) 8A 17A/5A<br>. Noise 95 dB @ 3' (1m)<br>. Dimension 510x390x310 mm<br>. Duct Adapters 2<br>Including PVC flexible ducts Ø 300 mm, single length element 10 m, joinable; extension of the free air duct to at least 2.00 m above the garden walking surface; relocation of the unit along the different sections from the fourth onward; and removal of excess flexible duct as needed, including transport to site and removal of the system at the end of activities.<br>-use for the entire duration of the works | <br><br><br><br><br><br><br><br><br><br><br><br><br>1,00 | | |
| | SUB TOTAL a corpo | 1,00 | 2´750,00 | 2´750,00 |
| 22<br>C01.03.006 | Supply and installation of an electrical control panel with watertight enclosure, including motor protection switch, circuit breaker, pump control, and pressure switch.<br>use for the entire duration of the works<br>-Control and protection of extraction fan | <br><br>1,00 | | |
| | SUB TOTAL cad | 1,00 | 1´329,37 | 1´329,37 |
| 23<br>D02.02.013.03b | INSULATED CABLES IN CURED ELASTOMERIC RUBBER, QUALITY G10, CEI 20 45 STANDARD<br>Rubber insulated cable – FTG10M1 0.6/1 kV, CEI 20 45, with flexible conductor insulated in G10 rubber, inner sheath in thermoplastic material, fire retardant (CEI 20 22/3), very low emission of toxic gases and total absence of corrosive gases (CEI 20 37/2, CEI 20 38), complete with terminals and lugs, installed: Three pole conductors: 3 – cross section 2.5 mm².<br>use for the entire duration of the works<br>-Extractor power supply line | <br><br><br><br><br>20,00 | | |
| | SUB TOTAL m | 20,00 | 11,85 | 237,00 |
| 24<br>PA.08.001 | Galvanized steel modular element for the construction of variable span centering forms to support arched structures. BASE KIT for a 3.30 m span, consisting of:<br>- 30 elements (code 61)<br>- 4 supports (code 62)<br>- 2 tie rods (code 63)<br>- 2 keys<br>- bolts and nuts<br>securing the vault for the removal of delaminated tuff in the fourth section | <br><br><br><br><br><br><br>5,00 | | |
| | SUB TOTAL cad | 5,00 | 2´125,00 | 10´625,00 |
| 25<br>S01.01.003.09.a | Scaffolding planks<br>- securing the vault for the removal of delaminated tuff in the fourth section | <br>25,34 | | |
| | TO COLLECTION | 25,34 | | 21´481,71 |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | 25,34 | | 21´481,71 |
| | SUB TOTAL m² | 25,34 | 7,77 | 196,89 |
| | Sub TotalCollective protective equipment (Cat 3) euro | | | 16´204,36 |
| | TO COLLECTION | | | 21´678,60 |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | 21´678,60 |
| | **Personal protective equipment (Cat 4)** | | | |
| 26<br>S01.02.002.20.a | Dust filtering half mask in accordance with UNI EN 149. With valve. FFP3 protection. Single use. Without valve.<br>-intended use: 1 x 2 workers x 90 days | 180,00 | | |
| | SUB TOTAL cad | 180,00 | 4,64 | 835,20 |
| 27<br>S01.02.002.63 | High visibility vest class 2 in accordance with EN ISO 20471, cotton polyester breathable fabric, reflective with retro reflective bands, flame retardant. Supply only.<br>-planned 1 x 5 workers | 5,00 | | |
| | SUB TOTAL cad | 5,00 | 18,66 | 93,30 |
| | Sub TotalPersonal protective equipment (Cat 4) euro | | | 928,50 |
| | TO COLLECTION | | | 22´607,10 |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | 22´607,10 |
| | **Procedures contained in the PSC (Cat 5)** | | | |
| 28<br>S01.05.008 | Coordination meeting between the site contractors' managers and the works execution coordinator, scheduled at the start of works and at each new work phase or introduction of a new executing contractor, or for specific needs identified by the coordinator. Average cost per person for each meeting.<br>-planned (2 managers + CSE) x 3 meetings | 9,00 | | |
| | SUB TOTAL pro capite | 9,00 | 206,31 | 1´856,79 |
| | Sub TotalProcedures contained in the PSC (Cat 5) euro | | | 1´856,79 |
| | Sub TotalSAFETY COSTS (SpCat 1) euro | | | 24´463,89 |
| | **Partial MEASURED WORKS euro** | | | 24´463,89 |
| | **T O T A L euro** | | | 24´463,89 |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | AMOUNTS TOTAL |
|---|---|---|
| | TO COLLECTION | |
| | **Structural SummaryCATEGORY** | |
| M | **MEASURED WORKS euro** | 24´463,89 |
| M:001 | SAFETY COSTS euro | 24´463,89 |
| M:001.001 | Construction site facilities euro | 4´877,88 |
| M:001.002 | Temporary works euro | 596,36 |
| M:001.003 | Collective protective equipment euro | 16´204,36 |
| M:001.004 | Personal protective equipment euro | 928,50 |
| M:001.005 | Procedures contained in the PSC euro | 1´856,79 |
| | **TOTAL euro** | 24´463,89 |

Roma, 27/10/2025

**Quantity Surveyor**

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS Unit Rate | AMOUNTS TOTAL |
|---|---|---|---|---|
| | TO COLLECTION | | | |
| | **FIRST SECTION (SpCat 2)**<br>**Excavations, Removals, Transportations (Cat 6)** | | | |
| 29<br>A02.01.009.b | Hand excavation carried out by hand in a fixed trench profile, including removal of excavated material with loading, transport, and unloading within the site: in volcanic soils (pumice, lapilli, tuffs, etc.).<br>-foundation construction for new arch | 0,30 | | |
| | SUB TOTAL mc | 0,30 | | |
| 30<br>A03.01.019.b.03 | Formation of chase grooves in masonry, executed by hand, including moving the resulting debris to a temporary storage location pending transport for disposal.<br>FORMATION OF ANCHORAGES FOR REINFORCEMENT ARCHES IN TUFF MATERIAL<br>- on the wall<br>- in the vault | 5,40<br>5,40 | | |
| | SUB TOTAL m | 10,80 | | |
| 31<br>A03.01.011.a | Hand removal of plaster, including brushing of surfaces, gathering of materials, transport, and stacking within the site.<br>ARTICLE INTRODUCED BY ANALOGY TO:<br>Chiseling and removal of delaminated tuff parts, carried out in small sections.<br>-on the wall, 40% of the surface planned<br>-in the vault, 30% of the surface planned | 18,56<br>23,49 | | |
| | SUB TOTAL mq | 42,05 | | |
| 32<br>A03.03.003.a | Transport by wheelbarrow within the construction site area, including loading onto the transport vehicle.<br>-soil, item A02.01.009.b<br>-plaster, item A03.01.011.a | 0,30<br>12,62 | | |
| | SUB TOTAL mc | 12,92 | | |
| 33<br>A03.03.005.a | Loading and transport to landfill of material from demolitions and excavations, including manual loading and subsequent unloading. Landfill fees excluded.<br>-quantity for item A03.03.003.a | 21,96 | | |
| | SUB TOTAL ton | 21,96 | | |
| 34<br>A03.03.007.e | Cost for disposal of waste to a recycling facility or authorized landfill<br>- quantity for item A03.03.005.a | 21,96 | | |
| | SUB TOTAL ton | 21,96 | | |
| | Sub TotalExcavations, Removals, Transportations (Cat 6) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Masonry works (Cat 8)** | | | |
| 35<br>A09.02.001.e | Brick masonry with a thickness greater than one brick length, using mortar of 300 kg of lime per m³ of pozzolana.<br>-reinforcement of gaps in delaminated tuff | 6,60 | | |
| | SUB TOTAL mc | 6,60 | | |
| 36<br>A21.01.072.a | Masonry executed with toothing (“scuci cuci”) technique.<br>-repair of existing brick masonry structures | 0,70 | | |
| | SUB TOTAL mc | 0,70 | | |
| 37<br>PA.08.002 | Reassembly of modular galvanized elements, as per item PA.08.001, for further use<br>- arch type B | 1,00 | | |
| | SUB TOTAL cad | 1,00 | | |
| 38<br>A09.02.001.a | Brick masonry with a thickness greater than one brick length, using lime pozzolana mortar and solid common bricks.<br>-type B pier foundation<br>-type B piers<br>- arch type B | 0,30<br>2,16<br>1,92 | | |
| | SUB TOTAL mc | 4,38 | | |
| | Sub TotalMasonry works (Cat 8) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Plasters (Cat 9)** | | | |
| 39<br>PA.08.004 | Repair of minor damage with hydraulic lime mortar and aggregates obtained from crushed collapsed material, including any unreinforced injections with mortar of the same type and thinners additives. | 11,00 | | |
| | SUB TOTAL cad | 11,00 | | |
| 40<br>PA.08.003 | Rough plaster-composed of reinforcement and a rustic float finish-applied without screeds or guides, on vertical walls and vaults, using hydraulic lime mortar and ground pyroclastic material recovered from collapses. | | | |
| | -on damaged walls, 40% planned | 18,56 | | |
| | -crumbly tuff, 80% planned | 18,10 | | |
| | -on damaged vault, 30% planned | 23,49 | | |
| | SUB TOTAL mq | 60,15 | | |
| | Sub TotalPlasters (Cat 9) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Walking surface (Cat 10)** | | | |
| 41 | Filling of uneven flooring with compacted loose inert material. | | | |
| PA.09.001 | -on sub-horizontal section | 0,17 | | |
| | - on a sloping section | 2,83 | | |
| | SUB TOTAL mc | 3,00 | | |
| | Sub TotalWalking surface (Cat 10) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Various works (Cat 11)** | | | |
| 42<br>PA.10.001 | Temporary dismantling of electrical supply lines and lighting fixtures to allow work along vertical walls and vaults; reinstallation of detached components and replacement of any unusable parts. | 14,50 | | |
| | SUB TOTAL m | 14,50 | | |
| | Sub TotalVarious works (Cat 11) euro | | | |
| | Sub TotalFIRST SECTION (SpCat 2) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **SECOND SECTION (SpCat 3)**<br>**Plasters (Cat 9)** | | | |
| 43<br>PA.08.004 | Repair of minor damage with hydraulic lime mortar and aggregates obtained from crushed collapsed material, including any unreinforced injections with mortar of the same type and thinners additives. | 7,00 | | |
| | SUB TOTAL cad | 7,00 | | |
| 44<br>PA.08.003 | Rough plaster-composed of reinforcement and a rustic float finish-applied without screeds or guides, on vertical walls and vaults, using hydraulic lime mortar and ground pyroclastic material recovered from collapses.<br>-at the base of the walls | 5,46 | | |
| | SUB TOTAL mq | 5,46 | | |
| | Sub TotalPlasters (Cat 9) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Walking surface (Cat 10)** | | | |
| 45 PA.09.001 | Filling of uneven flooring with compacted loose inert material. | | | |
| | | 0,60 | | |
| | | 0,12 | | |
| | | 0,62 | | |
| | | 0,12 | | |
| | SUB TOTAL mc | 1,46 | | |
| | Sub TotalWalking surface (Cat 10) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Various works (Cat 11)** | | | |
| 46<br>PA.10.001 | Temporary dismantling of electrical supply lines and lighting fixtures to allow work along vertical walls and vaults; reinstallation of detached components and replacement of any unusable parts. | 18,60 | | |
| | SUB TOTAL m | 18,60 | | |
| | Sub TotalVarious works (Cat 11) euro | | | |
| | Sub TotalSECOND SECTION (SpCat 3) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **THIRD SECTION (SpCat 4)**<br>**Excavations, Removals, Transportations (Cat 6)** | | | |
| 47<br>A02.01.009.b | Hand excavation carried out by hand in a fixed trench profile, including removal of excavated material with loading, transport, and unloading within the site: in volcanic soils (pumice, lapilli, tuffs, etc.).<br>-construction of foundation for new type B arch | 1,20 | | |
| | SUB TOTAL mc | 1,20 | | |
| 48<br>A03.01.019.b.03 | Formation of chase grooves in masonry, executed by hand, including moving the resulting debris to a temporary storage location pending transport for disposal.<br>For formation of anchorages for new reinforcement arch, width 1.20 m:<br>-on the wall<br>-in the vault | 21,60<br>15,60 | | |
| | SUB TOTAL m | 37,20 | | |
| | Sub TotalExcavations, Removals, Transportations (Cat 6) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Various works (Cat 11)** | | | |
| 49 | Dismantling of aluminum profile fixtures, including any glazed components. | | | |
| A03.02.029 | -new escape route | 1,53 | | |
| | | 1,27 | | |
| | -access from the garden | 3,64 | | |
| | SUB TOTAL mq | 6,44 | | |
| | Sub TotalVarious works (Cat 11) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Excavations, Removals, Transportations (Cat 6)** | | | |
| 50<br>A03.03.003.a | Transport by wheelbarrow within the construction site area, including loading onto the transport vehicle.<br>- soil<br>- tuff<br><br>-windows/doors | <br>1,20<br>6,48<br>4,68<br>0,32 | | |
| | SUB TOTAL mc | 12,68 | | |
| 51<br>A03.03.005.a | Loading and transport to landfill of material from demolitions and excavations, including manual loading and subsequent unloading. Landfill fees excluded.<br>quantity for item A03.03.003.a<br>-tuff and soil<br>-windows/doors | <br><br>21,01<br>0,10 | | |
| | SUB TOTAL ton | 21,11 | | |
| 52<br>A03.03.007.e | Cost for disposal of waste to a recycling facility or authorized landfill<br>- quantity for item A03.03.005.a | <br>21,11 | | |
| | SUB TOTAL ton | 21,11 | | |
| | Sub TotalExcavations, Removals, Transportations (Cat 6) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Masonry works (Cat 8)** | | | |
| 53<br>PA.08.002 | Reassembly of modular galvanized elements, as per item PA.08.001, for further use<br>- for each arch | 4,00 | | |
| | SUB TOTAL cad | 4,00 | | |
| 54<br>A09.02.001.a | Brick masonry with a thickness greater than one brick length, using lime pozzolana mortar and solid common bricks.<br>-foundation of type B piers<br>-type B piers<br>- arch type B | <br><br>1,20<br>4,80<br>12,48 | | |
| | SUB TOTAL mc | 18,48 | | |
| | Sub TotalMasonry works (Cat 8) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Plasters (Cat 9)** | | | |
| 55<br>PA.08.004 | Repair of minor damage with hydraulic lime mortar and aggregates obtained from crushed collapsed material, including any unreinforced injections with mortar of the same type and thinners additives. | 22,00 | | |
| | SUB TOTAL cad | 22,00 | | |
| 56<br>PA.08.003 | Rough plaster-composed of reinforcement and a rustic float finish-applied without screeds or guides, on vertical walls and vaults, using hydraulic lime mortar and ground pyroclastic material recovered from collapses.<br>-crumbly tuff at the base of the walls | 18,20<br>24,86 | | |
| | SUB TOTAL mq | 43,06 | | |
| | Sub TotalPlasters (Cat 9) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Walking surface (Cat 10)** | | | |
| 57 | Filling of uneven flooring with compacted loose inert material. | | | |
| PA.09.001 | -on the floor | 1,64 | | |
| | | 1,07 | | |
| | | 0,31 | | |
| | | 0,17 | | |
| | | 0,22 | | |
| | | 0,08 | | |
| | | 0,78 | | |
| | | 0,26 | | |
| | | 0,17 | | |
| | | 0,10 | | |
| | SUB TOTAL mc | 4,80 | | |
| | Sub TotalWalking surface (Cat 10) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Various works (Cat 11)** | | | |
| 58<br>A17.02.004.f | Iron fixtures for doors in boxed steel profiles, with lever handle in metal alloy<br>-new access from the garden | 3,64 | | |
| | SUB TOTAL mq | 3,64 | | |
| 59<br>A20.03.007.c | Painting for iron works: satin synthetic enamel.<br>-new access from the garden, area x 2 | 7,28 | | |
| | SUB TOTAL mq | 7,28 | | |
| 60<br>PA.11.001 | Modification of the opening direction of the existing arched door made of iron and safety glass, to be used as an emergency exit, including an internal panic bar and external handle with commercial-grade lock, including masonry work.<br>- access to cellar | 1,00 | | |
| | SUB TOTAL cad | 1,00 | | |
| 61<br>PA.10.001 | Temporary dismantling of electrical supply lines and lighting fixtures to allow work along vertical walls and vaults; reinstallation of detached components and replacement of any unusable parts. | 72,40 | | |
| | SUB TOTAL m | 72,40 | | |
| | Sub TotalVarious works (Cat 11) euro | | | |
| | Sub TotalTHIRD SECTION (SpCat 4) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS Unit Rate | AMOUNTS TOTAL |
|---|---|---|---|---|
| | TO COLLECTION | | | |
| | **FOURTH SECTION (SpCat 5)**<br>**Excavations, Removals, Transportations (Cat 6)** | | | |
| 62<br>A02.01.009.b | Hand excavation carried out by hand in a fixed trench profile, including removal of excavated material with loading, transport, and unloading within the site: in volcanic soils (pumice, lapilli, tuffs, etc.). | | | |
| | -construction of foundation for new type B arch | 0,30 | | |
| | -construction of foundation for new type A arch | 0,30 | | |
| | SUB TOTAL mc | 0,60 | | |
| 63<br>A03.01.019.b.02 | Formation of chase grooves in masonry, executed by hand, including moving the resulting debris to a temporary storage location pending transport for disposal | | | |
| | For formation of anchorages for new reinforcement piers, width 1.10 m | | | |
| | - type B | 2,40 | | |
| | - type A | 1,20 | | |
| | For formation of anchorages for new reinforcement arches, width 1.10 m | | | |
| | - type B | 5,30 | | |
| | - type A | 10,60 | | |
| | SUB TOTAL m | 19,50 | | |
| 64<br>A03.01.011.a | Hand removal of plaster, including brushing of surfaces, gathering of materials, transport, and stacking within the site. | | | |
| | ITEM INTRODUCED BY ANALOGY TO: | | | |
| | Manual chipping of delaminated tuff | | | |
| | -vertical surfaces | 9,62 | | |
| | - vault | 30,34 | | |
| | SUB TOTAL mq | 39,96 | | |
| 65<br>A03.03.003.a | Transport by wheelbarrow within the construction site area, including loading onto the transport vehicle. | | | |
| | - soil | 0,60 | | |
| | - tuff | 8,58 | | |
| | SUB TOTAL mc | 9,18 | | |
| 66<br>A03.03.005.a | Loading and transport to landfill of material from demolitions and excavations, including manual loading and subsequent unloading. Landfill fees excluded. | | | |
| | - quantity for item A03.03.003.a | 15,61 | | |
| | SUB TOTAL ton | 15,61 | | |
| 67<br>A03.03.007.e | Cost for disposal of waste to a recycling facility or authorized landfill | | | |
| | - quantity for item A03.03.005.a | 15,61 | | |
| | SUB TOTAL ton | 15,61 | | |
| | Sub TotalExcavations, Removals, Transportations (Cat 6) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Masonry works (Cat 8)** | | | |
| 68<br>PA.08.002 | Reassembly of modular galvanized elements, as per item PA.08.001, for further use<br>- for each arch | 3,00 | | |
| | SUB TOTAL cad | 3,00 | | |
| 69<br>A21.01.072.a | Masonry executed with toothing (“scuci cuci”) technique.<br>repair of existing masonry structures, estimated 2% | 0,34 | | |
| | SUB TOTAL mc | 0,34 | | |
| 70<br>A09.02.001.a | Brick masonry with a thickness greater than one brick length, using lime pozzolana mortar and solid common bricks.<br>-foundation of type B piers<br>-foundation of type A piers<br>-type B piers<br>-type A piers<br>- arch type B<br>- arch type A | <br><br>0,30<br>0,30<br>0,52<br>1,04<br>1,44<br>2,88 | | |
| | SUB TOTAL mc | 6,48 | | |
| | Sub TotalMasonry works (Cat 8) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Plasters (Cat 9)** | | | |
| 71<br>PA.08.004 | Repair of minor damage with hydraulic lime mortar and aggregates obtained from crushed collapsed material, including any unreinforced injections with mortar of the same type and thinners additives. | 7,00 | | |
| | SUB TOTAL cad | 7,00 | | |
| 72<br>PA.08.003 | Rough plaster-composed of reinforcement and a rustic float finish-applied without screeds or guides, on vertical walls and vaults, using hydraulic lime mortar and ground pyroclastic material recovered from collapses.<br>-crumbly tuff at the base of the walls | 9,62 | | |
| | SUB TOTAL mq | 9,62 | | |
| | Sub TotalPlasters (Cat 9) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Walking surface (Cat 10)** | | | |
| 73 PA.09.001 | Filling of uneven flooring with compacted loose inert material. | | | |
| | | 0,92 | | |
| | | 0,03 | | |
| | | 0,02 | | |
| | | 0,02 | | |
| | | 0,09 | | |
| | | 0,06 | | |
| | | 0,09 | | |
| | SUB TOTAL mc | 1,23 | | |
| | Sub TotalWalking surface (Cat 10) euro | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | Quantity | AMOUNTS | |
|---|---|---|---|---|
| | | | Unit Rate | TOTAL |
| | TO COLLECTION | | | |
| | **Various works (Cat 11)** | | | |
| 74<br>PA.10.001 | Temporary dismantling of electrical supply lines and lighting fixtures to allow work along vertical walls and vaults; reinstallation of detached components and replacement of any unusable parts. | 6,40 | | |
| | SUB TOTAL m | 6,40 | | |
| | Sub TotalVarious works (Cat 11) euro | | | |
| | Sub TotalFOURTH SECTION (SpCat 5) euro | | | |
| | **Partial MEASURED WORKS euro** | | | |
| | **T O T A L euro** | | | |
| | TO COLLECTION | | | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | AMOUNTS TOTAL |
|---|---|---|
| | TO COLLECTION | |
| | **Structural SummaryCATEGORY** | |
| M | **MEASURED WORKS euro** | |
| M:001 | SAFETY COSTS euro | Euro 24,463.89 |
| M:001.001 | Construction site facilities euro | |
| M:001.002 | Temporary works euro | |
| M:001.003 | Collective protective equipment euro | |
| M:001.004 | Personal protective equipment euro | |
| M:001.005 | Procedures contained in the PSC euro | |
| M:002 | FIRST SECTION euro | |
| M:002.006 | Excavations, Removals, Transportations euro | |
| M:002.008 | Masonry works euro | |
| M:002.009 | Plasters euro | |
| M:002.010 | Walking surface euro | |
| M:002.011 | Various works euro | |
| M:003 | SECOND SECTION euro | |
| M:003.009 | Plasters euro | |
| M:003.010 | Walking surface euro | |
| M:003.011 | Various works euro | |
| M:004 | THIRD SECTION euro | |
| M:004.006 | Excavations, Removals, Transportations euro | |
| M:004.008 | Masonry works euro | |
| M:004.009 | Plasters euro | |
| M:004.010 | Walking surface euro | |
| M:004.011 | Various works euro | |
| M:005 | FOURTH SECTION euro | |
| M:005.006 | Excavations, Removals, Transportations euro | |
| M:005.008 | Masonry works euro | |
| M:005.009 | Plasters euro | |
| M:005.010 | Walking surface euro | |
| M:005.011 | Various works euro | |
| | TO COLLECTION | |

| Id.Nr. TARIFF | DESCRIPTION OF WORKS | AMOUNTS TOTAL |
|---|---|---|
| | TO COLLECTION | |
| | **TOTAL euro** | |

Roma, 27/10/2025

**Quantity Surveyor**

| | | |
|---|---|---|
| | TO COLLECTION | |