

CODE	DESCRIPTION	Cost (EURO)	
		Partial	Totals
	TOTAL - Package 05		0.00 €
1	Architecture	0.00 €	
2	Structure (Ramp Construction)	0.00 €	
3	Electricity	0.00 €	
4	ICT	0.00 €	
5a-1	Water Supply	0.00 €	
5a-2	Fire Water Supply	0.00 €	
5b	Waste Water	0.00 €	
5c	Strom Water	0.00 €	
6	Life and Fire Safety	0.00 €	
7	Ventilation and Air Conditioning	0.00 €	
8	Medical Gases	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - Architecture					
						0.00 €
	CHAPTER A - CONSTRUCTION SITE					0.00 €
1.	Construction site assembly and disassembly, including plate construction site identifier and fencing; provisional installations namely for the developer; supervision; materials warehouse; equipment and tools; facilities for personnel services; sanitary facilities; provisional networks	a.w	1.0	0.00 €	0.00 €	
2.	Implementation and development of the health,safety and security plan	a.w	1.0	0.00 €	0.00 €	
3.	Implementation and development of the prevention, construction and demolition waste management	a.w	1.0	0.00 €	0.00 €	
4.	Execution of the final cleaning of the work, including all the necessary work and removal from the contractor's deposit of surplus products	a.w	1.0	0.00 €	0.00 €	
	CHAPTER B - DEMOLITIONS					0.00 €
1.	Demolition element by element from the roof, of all the elements proposed for demolition, including removal single element with temporary shoring if necessary, removal and classification of debris and waste, for subsequent transport to the authorised outlet, all necessary work, materials and equipment.	a.w	n.a			
2.	Execution of all necessary survey work/ disassembly of water installations and equipment, existing sewers, electric, telephone, etc., including loading, carriage to and unloading of all cargoes materials.	a.w	n.a			
3.	Demolition of existing brick walls, according to demolition plan, including removal of products from demolition, to dumping ground, to any distance	m2	n.a			
4.	Demolition of existing indoor and outdoor doors and windows according to demolition plan, including removal of products from demolition, to dumping ground, to any distance.	a.w	n.a			
5.	Execution of demolition of existing indoor floors of ceramic tiles, for subsequent application of new coatings including removal of products from demolition, to dumping ground, at any distance.	a.w	n.a			
6.	Execution of removal of existing bathroom fittings, including removal of products from demolition, to dumping ground, at any distance.	a.w	n.a			
	CHAPTER C - GENERAL CIVIL AND INFRASTRUCTURE CONSTRUCTION					0.00 €
1.	WALLS					
1.1	Exterior Walls					
1.1.1	P1 -nominated on the project as Skin Wall; 20cm thick fair faced brick wall	m2	564.0	0.00 €	0.00 €	
1.	WALLS					
1.1	Exterior Walls					
1.1.2	P2- nominated on the project as Thermal Block; 20cm thermal clay brick with massive brick exterior covering (please see detail on Sheet A.05.02)	m2	n.a			
1.2	Interior Walls					
1.2.1	P3-Internal mineral insulation liner with plasterboard covering (please see detail on Sheet A.05.02)	m2	n.a			
1.2.2	P4- Interior plasterboard partition (please see detail on sheet A.05.02)	m2	n.a			
1.2.3	P5- 11 cm brick double plastered (please see detail on sheet A.05.02)	m2	n.a			
1.2.4	P6- 15cm brick double plastered (please see detail on sheet A.05.02)	m2	n.a			
1.2.5	P7- 20cm brick double plastered (please see detail on sheet A.05.02)	m2	n.a			
2.	FENCE					
2.1	Proposed:nominated on the project as Skin Wall; with baked terracota pieces (please see sheet number: A.05.03- Constructive Details,Walls Fence)	m/l	n.a			
2.2	Future Expansion: nominated on the project as Skin Wall; with baked terracota pieces (please see sheet number: A.05.03- Constructive Details,Walls Fence)	m/l	n.a			
3.	COATINGS					
3.1	Coatings Interior Walls					
3.2.1	W2- 0.15x0.15m white ceramic tiles till 2.10m height	m2	n.a			
3.2	Coatings Interior Flooring					
3.2.1	F2- 0.30x0.30m Porcelanic tiles,Anti-slip, Grey colored	m2	n.a			
3.2.2	F2- Baseboard	m/l	n.a			
3.2.3	F3- 0.60x0.60m Porcelanic tiles, Grey colored	m2	n.a			
3.2.4	F3- Baseboard	m/l	n.a			
3.2.5	F4- 0.60x0.60m Porcelanic tiles, Green colored	m2	n.a			
3.2.6	F4- Baseboard	m/l	n.a			
3.2.7	F5-0.60x0.60m Porcelanic tiles, Yellow colored	m2	n.a			
3.2.8	F5- Baseboard	m/l	n.a			
3.	COATINGS					
3.2	Coatings Interior Flooring					
3.2.9	F6-0.60x0.60m Porcelanic tiles, Purple colored	m2	n.a			
3.2.10	F6- Baseboard	m/l	n.a			

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	BOQ - BILL OF QUANTITY - Architecture					
3.2.11	F7-0.60x0.60m Porcelanic tiles, Blue colored	m2	n.a			
3.2.12	F7- Baseboard	m/l	n.a			
3.2.13	F8-0.60x0.60m Porcelanic tiles, Blue colored	m2	n.a			
3.2.14	F8- Baseboard	m/l	n.a			
4.	CEILINGS					
4.1	Interior Ceilings					
4.1.2	C2-Supply and execution of suspended interior ceiling: waterproofing plasterboard with mineral insulation including transport, unloading, support structure, backstrips, bars and reinforcements, relapses, opening of negatives for lighting, all complementary materials, works and accessories	m2	n.a			
4.2	Painted Ceilings					
4.2.1	C1- Washable acrylic white paint on existing and plasterboard ceilings (RAL 9010)	m2	n.a			
4.2.2	C3-Washable acrylic concrete grey paint on existing ceilings (RAL 7023)	m2	n.a			
5.	INTERIOR PAVING					
5.1	Floor levelling with screed levelling before the appllyance of new coatings	m2	n.a			
6.	PAINTINGS					
6.1	Exterior Paintings					
6.1.1	E2- "terracota" acrylic paint (RAL colour 2013)	m2	n.a			
6.1.2	E3 -"concrete grey" acrylic paint (RAL colour 7023)	m2	n.a			
6.1.3	E4-"pure white" poliuretane paint for metallic structure (RAL colour 9010)	m2	n.a			
6.2	Interior Paintings					
6.2.1	W1-Washable acrylic white paint	m2	n.a			
7.	WOODWORK					
7.1	A1:MDF 20mm WITH HPL; 3,40 x 0,70 x 1,10m	un	n.a			
7.2	A2:MDF 20mm WITH HPL; 1,20 x 0,70 x 1,10m	un	n.a			
7.3	A3:MDF 20mm WITH HPL; 1,10 x 0,70 x 1,10m)+(2,50 x 0,70 x 1,10m)	un	n.a			
7.4	A4:MDF 20mm WITH HPL; 2,10 x 0,70 x 1,10m	un	n.a			
7.5	A5: MDF 20mm WITH HPL; 2,55 x 0,70 x 1,10m	un	n.a			
7.8	B2: MDF 20mm WITH HPL; 2,15 x 0,60 x 0,90m	un	n.a			
7.9	A3:MDF 20mm WITH HPL; 2,5 x 0,70 x 1,10m)+(1,10 x 0,70 x 1,10m)	un	n.a			
7.	WOODWORK					
7.10	B2: MDF 20mm WITH HPL; 2,15 x 0,35 x 0,60m	un	n.a			
7.11	B3: MDF 20mm WITH HPL; 1,90 x 0,60 x 0,90m	un	n.a			
7.12	B3:MDF 20mm WITH HPL; 1,90 x 0,35 x 0,60m	un	n.a			
7.13	B4: MDF 20mm WITH HPL; 2,55 x 0,60 x 0,90m	un	n.a			
7.14	B4: MDF 20mm WITH HPL;2,55 x 0,35 x 0,60m	un	n.a			
7.15	B5: MDF 20mm WITH HPL; 1,80 x 0,60 x 0,90m	un	n.a			
7.16	B6: MDF 20mm WITH HPL; 1,50 x 0,60 x 0,90m	un	n.a			
7.17	C1: MDF 30mm WITH HPL; 1,65 x 0,60 x 0,75m	un	n.a			
7.18	C2: MDF 30mm WITH HPL; 1,70 x 0,60 x 0,75m	un	n.a			
7.19	C3: MDF 30mm WITH HPL; 2,20 x 0,60 x 0,75m	un	n.a			
7.20	C4:MDF 30mm WITH HPL; 2,40 x 0,60 x 0,75m	un	n.a			
7.21	C5: MDF 30mm WITH HPL;2,10 x 0,60 x 0,75m	un	n.a			
7.22	C6: MDF 30mm WITH HPL;1,90 x 0,60 x 0,75m	un	n.a			
7.23	D1: MDF 50mm WITH HPL;4,95 x 0,70 x 0,75m	un	n.a			
7.24	D2: MDF 50mm WITH HPL;1,70 x 0,70 x 0,75m	un	n.a			
8.	DOORS					
8.1	Exterior Doors					
8.1.1	G.1- Double swing gate with fixed lateral sashes / tubular galvanized steel gate / polyester thermosetting powder coating in "light grey RAL 7047" (dim. 4,22x2,10m). All accessories included.	un	n.a			
8.1.2	G.2- Double swing gate with fixed lateral sashes / tubular galvanized steel gate / polyester thermosetting powder coating in "light grey RAL 7047" (dim. 2,40x2,10m). All accessories included.	un	n.a			
8.1.3	G.3- Single swing gate with 1 fixed lateral sash / tubular galvanized steel gate / polyester thermosetting powder coating in "light grey RAL 7047"(dim. 1,62x2,10m). All accessories included.	un	n.a			
8.1.4	G.4- Double swing gate / tubular galvanized steel gate / polyester thermosetting powder coating in "light grey RAL 7047"(dim. 1,65x2,10m). All accessories included.	un	n.a			
8.1.5	G.5- Double swing gate with fixed lateral sashes / tubular galvanized steel gate / polyester thermosetting powder coating in "light grey RAL 7047"(dim. 3,54x2,10m). All accessories included.	un	n.a			
8.1.6	G.6- Single swing gate with 1 fixed lateral sash / tubular galvanized steel gate / polyester thermosetting powder coating in "light grey RAL 7047"(dim. 2,00x2,10m). All accessories included.	un	n.a			
8.1.7	G.8- Single swing gate with 1 fixed lateral sash / tubular galvanized steel gate / polyester thermosetting powder coating in "light grey RAL 7047"(dim. 1,50x2,10m). All accessories included.	un	n.a			
8.2	Interior Doors					
8.2.1	D.1- Single swing door / HDF / thermal laminate HPL "Polyrey G012 GRIS" with kick board in stainless steel (dim. 0,70x2,10m). Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.2.2	D.2- Single swing door / HDF / thermal laminate HPL "Polyrey G012 GRIS" with kick board in stainless steel (dim. 0,80x2,10m). Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.2.3	D.3- Single swing door / HDF / thermal laminate HPL "Polyrey G012 GRIS" with kick board in stainless steel (dim. 0,90x2,10m). Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			

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8.2.4	D.4- Single swing door / HDF / thermal laminate HPL "Polyrey G012 GRIS" with kick board in stainless steel (dim. 0,80x2,70m). Upper transom with a boom hung sash / 5+ 5mm laminated clear glass. Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.2.5	D.5- Single swing door / HDF / thermal laminate HPL "Polyrey G012 GRIS" with kick board in stainless steel (dim. 0,85x2,70m). Upper transom with a boom hung sash / 5+5mm laminated clear glass. Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.2.6	D.6- Single swing door / HDF / thermal laminate HPL "Polyrey G012 GRIS" with kick board in stainless steel (dim. 1,00x2,70m). Upper transom with a boom hung sash / 5+5mm laminated clear glass. Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.2.7	D.7- Single swing door / HDF / thermal laminate HPL "Polyrey G012 GRIS" with kick board in stainless steel (dim. 1,10x2,70m). Upper transom with a boom hung sash / 5+5mm laminated clear glass. Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.2.8	D.8- Double swing door / HDF / thermal laminate HPL "Polyrey G012 GRIS" with kick board in stainless steel (dim. 1,60x2,70m). Upper transom with a boom hung sash / 5+5mm laminated clear glass. Panic bar in stainless steel. All accessories included.	un	n.a			
8.2.9	D.9- Hermec sliding door / Hermetic system class 4, according UNI EN 12207 "Grupsa HS-201" / sheet of stainless steel (dim. 1,40x2,10m). No handle, automatic opening system. All accessories included.	un	n.a			
8.2.10	D.10- Single swing door / HDF / thermal laminate HPL "light grey RAL 7047" with a kick board in stainless steel (dim. 1,00x3,10m). Upper transom with a fixed sash / 5+5mm laminated clear glass. Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.2.11	D.11- Double swing door / HDF / thermal laminate HPL "light grey RAL 7047" with a kick board in stainless (dim. 1,50x3,10m). Upper transom with a fixed sash / 5+ 5mm laminated clear glass. Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.2.12	D.12- Double swing door / HDF / thermal laminate HPL "light grey RAL 7047" with a kick board in stainless (dim. 1,60x3,10m). Upper transom with a fixed sash / 5+ 5mm laminated clear glass. Handle in U-shaped latch and key, in stainless steel. All accessories included.	un	n.a			
8.3	Technical cabinets					
8.3.1	TC.1- Technical cabinet with double swing door / HDF / thermal laminate HPL white " RAL 9010" (dim. 1,20x2,10). With key / no handle. All accessories included.	un	n.a			
8.3.2	TC.2- Technical cabinet with double swing door / galvanized steel/ painted "light grey RAL 7047" (dim. 1,20x2,10). With key / no handle. All accessories included.	un	n.a			
8.3.3	TC.3- Technical cabinet with single door / HDF/ thermal laminate HPL "white RAL 9010" (dim. 0,60x2,10). With key / no handle. All accessories included.	un	n.a			
8.3.4	TC.4- Technical cabinet with double swing door / galvanized steel/ painted "light grey RAL 7047" (dim. 1,60x2,10). With key / no handle. All accessories included.	un	n.a			
8.3.5	TC.5- Technical cabinet with double swing door /HDF/thermolaminated "RAL 9010" (dim 1,60x2,10m) With key / no handle. All accessories included.	un	n.a			
9.	WINDOWS					
9.1	Interior Windows					
9.1.1	W.1- Slide and fixed window sashes / Anodized aluminium / Laminated 5+ 5mm clear glass (dim. 3,00x1,20). All accessories included.	un	n.a			
9.1.2	W.2- Slide window sashes / Anodized aluminium / Laminated 5+5mm clear glass (dim. 2,25x1,50m). All accessories included.	un	n.a			
9.1.3	W.3- Slide window sashes / Anodized aluminium / Laminated 5+5mm clear glass (dim. 1,00x1,40m). All accessories included.	un	n.a			
9.1.4	W.4- Boom hung window sash / Anodized aluminium / Laminated 5+5mm clear glass (dim. 0,60x1,50m). All accessories included.	un	n.a			
9.1.5	W.5- Slide window sashes / Anodized aluminium / Laminated 5+5mm clear glass (dim. 1,50x2,00m). All accessories included.	un	n.a			
9.1.6	W.6- Boom hung window sash / Anodized aluminium / Laminated 5+5mm clear glass (dim. 0,75x1,50m). All accessories included.	un	n.a			
9.1.7	W.7- Slide window sashes / Anodized aluminium / Laminated 5+5mm clear glass (dim. 1,50x1,50m). All accessories included.	un	n.a			
9.1.8	W.8- Slide window sashes / Anodized aluminium / Laminated 5+5mm clear glass (dim. 1,50x1,50m). All accessories included.	un	n.a			
9.1.9	W.9- Slide window sashes / Anodized aluminium / Laminated 5+5mm clear glass (dim. 1,00x1,30m). All accessories included.	un	n.a			
9.1.10	W.10- Fixed interior window / Anodized aluminium frame / Laminated 5+5mm clear glass (dim. 1,20x1,10m). All accessories included.	un	n.a			
9.1.11	W.11- Fixed interior window / Anodized aluminium frame / Laminated 5+5mm clear glass (dim. 2,20x1,10m). All accessories included.	un	n.a			
9.1.12	W.12- Slide window shashes / Anodized aluminium frame / Laminated 5+5mm clear glass (dim. 1,40x1,50m). All accessories included.	un	n.a			
9.1.13	W.13- Bottom hung window sash / Anodized aluminium frame / Laminated 5+5mm clear glass (dim. 0,75x1,20m). All accessories included.	un	n.a			
9.2	Shadding					

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	BOQ - BILL OF QUANTITY - Architecture					
9.2.1	S.1- Existing shutters to be relocated in the west and south exposed windows (dim. 1,50x1,20m). All accessories included.	un	n.a			
9.3	Window Sill					
9.3.1	Existing Pre-fabricated concrete window sill (same width as the window) to be relocated	un	n.a			
10.	CANOPY					
10.1	Sandwich Roof Panels					
10.1.1	5 Ribs profiled outer sheet, exterior coating in white paint with good UV resistance (RAL 9010), core in Mineral wool with 80 mm thickness , interior coating: polymer coating resistant to mould (RAL 9010), Fire performance according to TS EN 13501-1,A2-s1	m2	172.76	0.00 €	0.00 €	
10.2	Downspouts					
10.2.1	Metal downspouts painted in white with good UV resistance (RAL 9010) all joints and connections included	m/l	8.70	0.00 €	0.00 €	
10.3	Gutters					
10.3.1	White Aluminium gutters, all joints included. Cover of the gutter with a lacquered (RAL 9010) metallic sheet with 48 cm high (please see detail on A,05,02 Walls and Gutters) held in place with metal clamps.	m/l	n.a			
11.	VARIOUS					
11.1	Supply and placement of break-proof mirrors placed complanarly with the tile, including transportation, discharge, fixing accessories, tapes and all materials and complementary accessories. Mirror: 1.2m height with variable lenght	m2	n.a			
CHAPTER D - INSTALLATION AND EQUIPMENT OF WATER AND SEWAGE SYSTEM						0.00 €
1.	SANITARY EQUIPMENT					
1.1	Supply and laying of ceramic sanitary ware white glazed including transport, unloading, fastenings and connections, seals and all complementary materials, works and accessories	a.w	n.a			
1.2	Standing European Toilets in ware white glazed, including water tank	un	n.a			
1.3	Standing Disabled Toilets in ware white glazed, including elevated water tank	un	n.a			
1.4	Disabled Toilets Bars kit in stainless steel	un	n.a			
1.5	Squatting Toilet in ware white glazed steel, including elevated water tank	un	n.a			
1.6	Basin in ceramic white glazed. dimensions: 450mm*350mm*200mm	un	n.a			
1.7	Basin in ceramic white glazed. dimensions: 600mm*450mm*200mm	un	n.a			
1.8	Shower Kit with mixer tap in ABS plastic, including all fixings,suports and sealants needed to complete shower installation	un	n.a			
1.9	Drain in stainless steel	un	n.a			
1.10	Scrub Basin in stainless steel, 1 basin, dimensions: 1000mmx700mmx200mm	un	n.a			
1.11	CSSD Basin in stainless steel. Dimensions: 450mmx450mmx200mm	un	n.a			
1.12	Soiled Tray in ceramic with stainless steel grid. Dimensions: 500mmx500mmx350mm	un	n.a			
1.13	Wall mounted single tap, brass chrome	un	n.a			
1.14	Wall mounted single tap with medical elbow action, brass chrome	un	n.a			
1.15	Wall mounted single tap with pull out spray, brass chrome	un	n.a			
CHAPTER E - LANDSCAPING						0.00 €
10.1	Paving					
10.1.1	EF1-Resistent concrete pieces above a compacted pavement (vehicle road)	m2	n.a			
10.1.2	EF2-Concrete pieces (pedestrian sidewalk)	m2	n.a			
10.1.3	EF3-Compacted gravel	m2	n.a			
10.1.4	EF4-Earth and humus to plant resistant type grass	m2	n.a			
10.1.5	Smoothed concrete floor with a siloxane sealer (exterior corridor)	m2	n.a			
10.2	Forestation					
10.2.1	New trees (local species to be defined)	un	n.a			
10.2.2	New bushes (local species to be defined)	m/l	n.a			

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	BOQ - BILL OF QUANTITY - STRUCTURE					
3	STRUCTURE					0.00 €
3.1	BLOCK L (RAMP CONSTRUCTION)					0.00 €
	SUB-STRUCTURE					
3.1.1	EARTH-WORKS					
3.1.1.1	Excavation					
3.1.1.1.1	Excavation on land of any nature in order to obtain project levels, including loading and transport of surplus material to the dump, eventual bracing, pumping of the tributary water to the excavation, regularization of the bottom of the box and replacement of land whenever necessary, all executed in order to obtain the levels indicated in the design.	m3	142.68	0.00 €	0.00 €	
3.1.1.2	Excavation for foundations					
3.1.1.1.2	Excavation on land of any nature for the implementation of foundations elements, including loading and transport of surplus material to the dump, eventual bracing, pumping of the tributary water to the excavation, regularization of the bottom of the box and replacement of land whenever necessary, all executed in order to obtain the levels indicated in the design.	m3	53.44	0.00 €	0.00 €	
3.1.2	CONCRETE					
3.1.2.1	Blinding concrete					
3.1.2.1.1	Concrete C16/20, for regularization of foundation well, including supply, transport, placement, compaction and curing, according to the design.	m3	1.34	0.00 €	0.00 €	
3.1.2.1.2	Concrete C16/20, for ground slab and beam, including supply, transport, placement, compaction and curing, according to the design.	m3	3.46	0.00 €	0.00 €	
	Note: For the quantification of the concrete in foundation pits (and the respective excavation) it was considered that the soil with the appropriate characteristics to support the projected structures is 3m deep, measured in relation to the level of the pavement. This assumption must be verified on site.					
3.1.3	REINFORCED CONCRETE					
	Pricing notes:					
	A) The costs of Concrete shall include making, storing and testing of concrete test cubes as required and providing cube moulds necessary for the purpose and for submitting reports of the tests to the Engineer.					
	B) Price for concrete shall include placing concrete by whatever means, for vibrating with mechanical vibrators. Formwork and reinforcement shall be measured separately unless otherwise described.					
3.1.3.1	FOUNDATIONS					
3.1.3.1.1	Reinforced concrete in foundation footing					
	Standard grey concrete C25/30, including supply, transport, placement, compaction, curing and incorporation of water-repellent, according to the design. Reinforcement in A500 steel, including supply, transport, folding, cutting, assembly, anchorages, splicing, scrap and laying, according to the design. Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.(formwork and reinforcement measured separately).	m3	5.65	0.00 €	0.00 €	
3.1.3.1.2	Reinforced concrete in foundation column					
	Standard grey concrete C25/30, including supply, transport, placement, compaction, curing and incorporation of water-repellent, according to the design. Reinforcement in A500 steel, including supply, transport, folding, cutting, assembly, anchorages, splicing, scrap and laying, according to the design. Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.(formwork and reinforcement measured separately).	m3	1.51	0.00 €	0.00 €	
3.1.3.1.3	Reinforced concrete in ground beam					
	Standard grey concrete C25/30, including supply, transport, placement, compaction, curing and incorporation of water-repellent, according to the design. Reinforcement in A500 steel, including supply, transport, folding, cutting, assembly, anchorages, splicing, scrap and laying, according to the design. Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.(formwork and reinforcement measured separately).	m3	5.36	0.00 €	0.00 €	
3.1.4	SLABS					
3.1.4.1	Ground Floor Slab					
	Ground floor consisting of a concrete slab C25/30 0.10m thick, including surface hardener, top and bottom welded reinforcement mesh, PVC membrane with 0.12mm thick, concrete slab C16/20, 0.05m thick, crushed material densely packed with 0.30m thickness, regularization and compacting of the existing ground, supply, transport, laying and all the necessary complementary work, all executed according to the design.	m2	41.40	0.00 €	0.00 €	
3.1.5	FORMWORK					
3.1.5.1	Formwork to foundation footing					
	Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.	m2	16.96	0.00 €	0.00 €	
3.1.5.2	Formwork to foundation column					

	Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.	m2	15.06	0.00 €	0.00 €
3.1.5.3	Formwork to ground beam				
	Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.	m2	42.88	0.00 €	0.00 €
3.1.6	REINFORCEMENT				
3.1.6.1	Reinforcement bar to sub-structures				
	Reinforcement in A500 steel, including supply, transport, folding, cutting, assembly, anchorages, splicing, scrap, laying and tying wires, according to the design.				
3.1.6.1.1	Diam 20mm Deformed bar.	kg	279.64	0.00 €	0.00 €
3.1.6.1.2	Diam 16mm Deformed bar.	kg	226.47	0.00 €	0.00 €
3.1.6.1.3	Diam 12mm Deformed bar.	kg	500.43	0.00 €	0.00 €
3.1.6.1.4	Diam 8mm Deformed bar.	kg	335.62	0.00 €	0.00 €
	Impermeability of the elements buried in contact with the ground, with application of bituminous paint in two coats, including supply, transport and placement, folds, overlaps, finishes and losses, all executed according to the project.	m2	89.02	0.00 €	0.00 €
3.1.8	MASONRY WORK				
3.1.8.1	Basaltic or equivalent stone masonry foundation wall bedded in cement sand mortar (1:4) below NGL..	m2	32.16	0.00 €	0.00 €
	SUPER-STRUCTURE				
3.1.9	REINFORCED CONCRETE				
	Pricing notes:				
	A) The costs of Concrete shall include making, storing and testing of concrete test cubes as required and providing cube moulds necessary for the purpose and for submitting reports of the tests to the Engineer.				
	B) Price for concrete shall include placing concrete by whatever means,for vibrating with mechanical vibrators. Formwork and reinforcement shall be measured separately unless otherwise described.				
3.1.9.1	ELEVATION COLUMN				
3.1.9.1.1	Reinforced concrete in elevation column				
	Standard grey concrete C25/30, including supply, transport, placement, compaction, curing and incorporation of water-repellent, according to the design. Reinforcement in A500 steel, including supply, transport, folding, cutting, assembly, anchorages, splicing, scrap and laying, according to the design. Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.(formwork and reinforcement measured separately).	m3	4.60	0.00 €	0.00 €
3.1.9.2	BEAMS				
3.1.9.2.1	Reinforced concrete in beam				
	Standard grey concrete C25/30, including supply, transport, placement, compaction, curing and incorporation of water-repellent, according to the design. Reinforcement in A500 steel, including supply, transport, folding, cutting, assembly, anchorages, splicing, scrap and laying, according to the design. Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.(formwork and reinforcement measured separately).	m3	31.32	0.00 €	0.00 €
3.1.9.3	SLABS				
3.1.9.3.1	Reinforced concrete in slab				
	Standard grey concrete C25/30, including supply, transport, placement, compaction, curing and incorporation of water-repellent, according to the design. Reinforcement in A500 steel, including supply, transport, folding, cutting, assembly, anchorages, splicing, scrap and laying, according to the design. Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.(formwork and reinforcement measured separately).	m3	48.77	0.00 €	0.00 €
3.1.10	FORMWORK				
3.1.10.1	ELEVATION COLUMN				
3.1.10.1.1	Formwork to elevation column				
	Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.	m2	45.98	0.00 €	0.00 €
3.1.10.2	BEAMS				
3.1.10.2.1	Formwork to beam				
	Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.	m2	266.25	0.00 €	0.00 €
3.1.10.3	SLABS				
3.1.10.3.1	Formwork to slab				
	Formwork for concrete, in metal or wood molds, without defects, including transport, shoring, oil extraction and subsequent disassembly, according to the design.	m2	243.85	0.00 €	0.00 €
3.1.11	REINFORCEMENT				
3.1.11.1	Reinforcement bar to sub-structures				
	Reinforcement in A500 steel, including supply, transport, folding, cutting, assembly, anchorages, splicing, scrap, laying and tying wires, according to the design.				
3.1.11.1.1	Diam 20mm Deformed bar.	kg	558.55	0.00 €	0.00 €
3.1.11.1.2	Diam 16mm Deformed bar.	kg	23,607.22	0.00 €	0.00 €
3.1.11.1.3	Diam 14mm Deformed bar.	kg	202.22	0.00 €	0.00 €
3.1.11.1.4	Diam 12mm Deformed bar.	kg	1,803.08	0.00 €	0.00 €
3.1.11.1.5	Diam 10mm Deformed bar.	kg	8,249.75	0.00 €	0.00 €
3.1.11.1.6	Diam 8mm Deformed bar.	kg	819.42	0.00 €	0.00 €
	Important Notes:				

	1) The measures to determine quantities relating earth-works, were obtained from the geometric shapes defined in the design. No blistering, overcrowing, slopes or work platforms were considered. These costs should be included in the unit price of the excavation presented by the contractor.					
	2) Prior the start of the excavation, the contractor must certify whether or not plant network, such as water, sanitation, gas, electrical and telephone installations and provision of their protection or diversion, must be reflected in the unit price of the excavation presented by the contractor.					
	3) The measures to determinate the quantities of reinfoced concrete were obtained from geometric shapes defined in the design.					
	4) The measurement of steel does not consider anchorages, overlays, hooks, scrap and accessories. These costs must be included in the unit price per kg submitted by the contractor.					
	5) In order to obtain all the charecteristics of the materials, including concrete and steel, should be consulted the drawing of Table Frame of Materials and General Notes.					

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - ELECTRICITY					
8	ELECTRICAL INSTALLATIONS					0.00 €
8.1	BLOCK L					0.00 €
	The Bill of Quantities, Specifications, Drawings and all other Contract documents are complementary to each other. It is the responsibility of the Contractor to check the locations and quantities of the materials and equipment to be executed in accordance with the drawings. The unit rate of the materials and equipment shall be based on the Specification, all components as required and specified under each item concerned in the Specifications, Drawings, and all other Contract documents.					
8.1.1	Low Voltage Switchboard					
8.1.1.1	Supply and installation in accordance with the conditions defined in the in written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
8.1.1.2	Normal / Standby Switchboards:					
8.1.1.2.1	- S.L.0.1 (E)	Un	1	0.00 €	0.00 €	
8.1.1.2.2	- S.L.1.1 (E)	Un	1	0.00 €	0.00 €	
8.1.1.2.3	- S.L.0.2 (E)	Un	1	0.00 €	0.00 €	
8.1.1.2.4	- S.L.1.2 (E)	Un	1	0.00 €	0.00 €	
8.1.2	Cabling					
8.1.2.1	Supply and installation in accordance with the conditions defined in the in written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
8.1.2.2	Distribution Cables (Outdoor):					
8.1.2.2.1	- 5G6 mm² Al/ XLPE/ PVC	ml	16	0.00 €	0.00 €	
8.1.2.2.3	- 5G4 mm² Al/ XLPE/ PVC	ml	8	0.00 €	0.00 €	
8.1.2.2.1	- 3G4 mm² Al/ XLPE/ PVC	ml	34	0.00 €	0.00 €	
8.1.3	Lighting					
8.1.3.1	Supply and installation in accordance with the conditions defined in the in written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
8.1.3.2	Indoor Lighting:					
8.1.3.2.1	Luminaires:					
8.1.3.2.1.1	- L1	Un	20	0.00 €	0.00 €	
8.1.3.2.1.2	- L2.1	Un	20	0.00 €	0.00 €	
8.1.3.2.1.3	- L9.0	Un	8	0.00 €	0.00 €	
8.1.3.2.1.4	- L9.2	Un	4	0.00 €	0.00 €	
8.1.3.2.1.5	- L18.1	Un	20	0.00 €	0.00 €	
8.1.3.2.1.6	- L25	Un	4	0.00 €	0.00 €	
9.1.3.3	Outdoor Lighting:					
9.1.3.3.1	Luminaires:					
9.1.3.3.1.1	- E1	Un	6	0.00 €	0.00 €	
8.1.3.4	Lighting Command Devices					
8.1.3.4.1	- One way switch, surface mounting	Un	24	0.00 €	0.00 €	
8.1.3.4.2	- Double pole switch, surface mounting	Un	20	0.00 €	0.00 €	
8.1.3.4.3	- Surface Mounting Movement Detector 180°	Un	6	0.00 €	0.00 €	
8.1.3.4.4	- Surface Mounting Movement Detector 360°	Un	6	0.00 €	0.00 €	
8.1.3.5	Flush and surface Mounting Boxes:					
8.1.3.5.1	- Surface or Recessed mounting Connection Box	Un	76	0.00 €	0.00 €	
8.1.3.6	Electrical cables:					
8.1.3.6.1	Enclosed in a recessed or surface conduiting:					
8.1.3.6.1.1	- 2x 1,5 mm² Cu/ XLPE/ LSZH	ml	96	0.00 €	0.00 €	
8.1.3.6.1.2	- 3x 1,5 mm² Cu/ XLPE/ LSZH	ml	100	0.00 €	0.00 €	
8.1.3.6.1.3	- 3G 1,5 mm² Cu/ XLPE/ LSZH	ml	779	0.00 €	0.00 €	
8.1.3.6.2	On the air, fixed on a cable tray or ladder horizontal or vertical:					
8.1.3.6.2.1	- 3x 1,5 mm² Cu/ XLPE/ LSZH	ml	23	0.00 €	0.00 €	
8.1.3.6.2.2	- 3G 1,5 mm² Cu/ XLPE/ LSZH	ml	372	0.00 €	0.00 €	
8.1.3.7	Metric Rigid Conduit:					
8.1.3.7.1	Enclosed in a recessed or surface conduiting:					
8.1.3.7.1.1	- PEAD Ø 20 mm	ml	974	0.00 €	0.00 €	
8.1.4	Emergency / Safety Lighting					
8.1.4.1	Supply and installation in accordance with the conditions defined in the in written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
8.1.4.2	Indoor Lighting:					
8.1.4.2.1	- S1 - maintained (60min Autonomy)	Un	4	0.00 €	0.00 €	
8.1.4.2.2	- S1 - not maintained (60min Autonomy)	Un	24	0.00 €	0.00 €	
8.1.4.2.3	- S2 - maintained (60min Autonomy)	Un	4	0.00 €	0.00 €	
8.1.4.3	Electrical cables:					
8.1.4.3.1	Enclosed in a recessed or surface conduiting:					
8.1.4.3.1.1	- 3G 1,5 mm² Cu/ XLPE/ LSZH	ml	18	0.00 €	0.00 €	
8.1.4.3.2	On the air, fixed on a cable tray or ladder horizontal or vertical:					
8.1.4.3.2.1	- 3G 1,5 mm² Cu/ XLPE/ LSZH	ml	18	0.00 €	0.00 €	
8.1.4.4	Metric Rigid Conduit:					
8.1.4.4.1	Enclosed in a recessed or surface conduiting:					
8.1.4.4.1.1	- PVC Ø 20 mm	ml	18	0.00 €	0.00 €	
8.1.5	General Purpose Power Outlet					
8.1.5.1	Supply and installation in accordance with the conditions defined in the in written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
8.1.5.2	Single Flush and Surface Mounting Devices - Normal/Standby Supply:					
8.1.5.2.1	- Surface mounting earth Socket (BS Type) - 16A IP44	Un	69	0.00 €	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - ELECTRICITY					
8.1.5.3	Double Flush and Surface Mounting Devices - Normal/Standby Supply:					
8.1.5.3.1	- Flush Mounting Earthed Socket (BS Type) - 16A trunking	Un	48	0.00 €	0.00 €	
8.1.5.8	Flush and surface Mounting Boxes:					
8.1.5.8.1	- Surface or Recessed mounting Connection Box	Un	79	0.00 €	0.00 €	
8.1.5.8.2	- Surface or Recessed mounting Terminal Box	Un	46	0.00 €	0.00 €	
8.1.5.9	Electrical cables:					
8.1.5.9.1	Enclosed in a recessed or surface conduiting:					
8.1.5.9.1.1	- 3G 2.5 mm² Cu/ XLPE/ LSZH	ml	1085	0.00 €	0.00 €	
8.1.5.9.2	On the air, fixed on a cable tray or ladder horizontal or vertical:					
8.1.5.9.2.1	- 3G 2.5 mm² Cu/ XLPE/ LSZH	ml	793	0.00 €	0.00 €	
8.1.5.10	Metric Rigid Conduit:					
8.1.5.10.1	Enclosed in a recessed or surface conduiting:					
8.1.5.10.1.1	- PVC Ø 20 mm	ml	1085	0.00 €	0.00 €	
8.1.6	Cable tray, Trunking System and Conduits					
8.1.6.1	Supply and installation in accordance with the conditions defined in the in written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
8.1.6.2	Metalic perforated cable tray of side height 60 mm:					
8.1.6.2.1	Electrical Instalation:					
8.1.6.2.1.1	- 100 width, strip-galvanised	ml	110	0.00 €	0.00 €	
8.1.6.2.2	ICT Instalation:					
8.1.6.2.2.1	- 200 width, strip-galvanised	ml	125	0.00 €	0.00 €	
8.1.6.3	Distribution Cable-Trunkings:					
8.1.6.3.1	- Cable-Trunkings, with 110x50mm	ml	98	0.00 €	0.00 €	
8.1.6.4	Metric Rigid Conduit:					
8.1.6.4.1	Enclosed in a recessed or surface conduiting:					
8.1.6.4.1.1	- PVC Ø 25 mm	ml	45	0.00 €	0.00 €	
8.1.7	Complementary Work					
8.1.7.1	- Construction work to support the implementation of water distribution networks for fire-fighting purposes, as well as all the works, materials and accessories necessary to the correct execution of the task.	Gv	1	0.00 €	0.00 €	
8.1.7.2	- Supply and installation of intumescent clamps and sleeves with characteristics EI60 and EI90 for fire protection at crossings of pipes in combustible material, as well as all the works, materials and accessories necessary to the correct execution of the task	Gv	1	0.00 €	0.00 €	
8.1.8	Final Work					
8.1.8.1	- Verification, cleaning and testing of all network.	Gv	1	0.00 €	0.00 €	
8.1.8.2	- Elaboration of the pieces drawn according to the work executed.	Gv	1	0.00 €	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - ICT					
9.	INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT)					0.00 €
9.1	BLOCK L					0.00 €
	The Bill of Quantities, Specifications, Drawings and all other Contract documents are complementary to each other. It is the responsibility of the Contractor to check the locations and quantities of the materials and equipment to be executed in accordance with the drawings. The unit rate of the materials and equipment shall be based on the Specification, all components as required and specified under each item concerned in the Specifications, Drawings, and all other Contract documents.					
9.1.1	TCP/IP Network					
9.1.1.1	Supply and installation in accordance with the conditions defined in the written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
9.1.1.1.1	Building Telecommunications Racks, Boxes and Cabinets:					
9.1.1.1.1.1	- (Rack 5)					
9.1.1.1.1.1.1	- Server Cabinet 24U's (Rack 19" A1300xL800xP800 [mm])	Un	1	0.00 €	0.00 €	
9.1.1.1.1.1.2	- Optical Fiber Panel 12 SC/APC connector (OF arrival)	Un	1	0.00 €	0.00 €	
9.1.1.1.1.1.3	- Painel Coaxial (RG-CC Mirror)	Un	1	0.00 €	0.00 €	
9.1.1.1.1.1.4	- Patch Panel 1HU 24 RJ45 Cat 6A connector. (Distribution)	Un	2	0.00 €	0.00 €	
9.1.1.1.1.1.5	- Outlet Rackmount Power Strip 220V with a breaker.	Un	1	0.00 €	0.00 €	
9.1.1.1.1.1.6	- Including, set of 2 fans with thermostat, Fixed Shelf, Cable Management, Rings, and all required accessories and equipments necessary for its perfect assembly and operation.	Un	1	0.00 €	0.00 €	
9.1.1.1.2	Flush and Surface Mounting Devices:					
9.1.1.1.2.1	- Data outlet 2xRJ45 CAT 6A - Trunkung System assembly	Un	8	0.00 €	0.00 €	
9.1.1.1.3	Electrical cables:					
9.1.1.1.3.1	Enclosed in a recessed or surface conduiting:					
9.1.1.1.3.1.1	- U/UTP Category 6A Copper LSZH	ml	120	0.00 €	0.00 €	
9.1.1.1.3.2	On the air, fixed on a cable tray or ladder horizontal or vertical:					
9.1.1.1.3.2.1	- U/UTP Cat 6 LSZH	ml	550	0.00 €	0.00 €	
9.1.1.1.4	Patch cords:					
9.1.1.1.4.1	- U/UTP Category 6A Copper 1,0mt LSZH	Un	48	0.00 €	0.00 €	
9.1.1.1.4.2	- U/UTP Category 6A Copper 3mt LSZH	Un	48	0.00 €	0.00 €	
9.1.1.1.4.3	- FO 50/125 OM3 LSZH	Un	4.00	0.00 €	0.00 €	
9.1.1.1.5	Metric Rigid Conduit:					
9.1.1.1.5.1	Enclosed in a recessed or surface conduiting:					
9.1.1.1.5.1.1	- PVC Ø 25 mm	ml	100	0.00 €	0.00 €	
9.1.1.1.6	Others:					
9.1.1.1.6.1	- Engineering, System Programming, including System Testing, Commissioning and Training.	Gv	1	0.00 €	0.00 €	
9.1.1.1.6.2	- Connections, connectorizations and labeling.	Gv	1	0.00 €	0.00 €	
9.1.3	Nurse Call System					
9.1.3.1	Supply and installation in accordance with the conditions defined in the written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
9.1.3.1.1	Nurse Call System Devices:					
9.1.3.1.1.1	- System server Module with license: With Ethernet interface: with Web server; Web Configuration interface; With Autofeed; Supplied with UTP CAT 6A LSZH yellow 1.5 metres; DHCP required for System setup. Including the test tool, to installed in the premises for servers.	Gv	1	0.00 €	0.00 €	
9.1.3.1.1.2	- Voice over IP (VoIP) server module, with: ethernet interface; interface with the telephone exchange; capacity of 120 beds; graphic module and call organizer with web server; web configuration interface; self-powered; supplied with whip UTP CAT 6A LSZH yellow 1.5 meters, to be installed in the Premises for servers.	Gv	1	0.00 €	0.00 €	
9.1.3.1.1.3	- Main Door visual controller and indicator (P)	Un	16.00	0.00 €	0.00 €	
9.1.3.1.1.4	- Secondary Door visual controller and indicator (S)	Un	8.00	0.00 €	0.00 €	
9.1.3.1.1.5	- Call module 2 buttons	Un	28	0.00 €	0.00 €	
9.1.3.1.1.6	- Nurse display panel with audio	Un	4	0.00 €	0.00 €	
9.1.3.1.2	Electrical cables:					
9.1.3.1.2.1	Enclosed in a recessed or surface conduiting:					
9.1.3.1.2.1.1	- U/UTP 4 pair, CAT6A, LSZH, 250/23	ml	30.00	0.00 €	0.00 €	
9.1.3.1.2.1.2	- Bus Cable	ml	35	0.00 €	0.00 €	
9.1.3.1.2.2	On the air, fixed on a cable tray or ladder horizontal or vertical:					
9.1.3.1.2.2.1	- U/UTP 4 pair, CAT6A, LSZH, 250/23	ml	650	0.00 €	0.00 €	
9.1.3.1.2.2.2	- Bus Cable	ml	130	0.00 €	0.00 €	
9.1.3.1.3	Metric Rigid Conduit:					
9.1.3.1.3.1	Enclosed in a recessed or surface conduiting:					
9.1.3.1.3.1.1	- PVC Ø 20 mm	ml	30	0.00 €	0.00 €	
9.1.3.1.4	Others:					
9.1.3.1.4.1	- Engineering, System Programming, including System Testing, Commissioning and Training.	Gv	1	0.00 €	0.00 €	
9.1.4	Fire Detection System					
9.1.4.1	Supply and installation in accordance with the conditions defined in the written pieces, specification, drawings and other elements of the project, for the following equipment and materials, and all required accessories as specified in schedules of equipment, detailed drawings and specs:					
9.1.4.1.1	Fire Detection Devices:					
9.1.4.1.1.1	- Repeater alarm panel sounder/beacons Orange	Un	2	0.00 €	0.00 €	
9.1.4.1.1.2	- Manual call points	Un	4	0.00 €	0.00 €	
9.1.4.1.1.3	- Optical smoke detector including detector base	Un	24	0.00 €	0.00 €	
9.1.4.1.1.4	- Siren including base	Un	2	0.00 €	0.00 €	
9.1.4.1.2	Electrical cables:					
9.1.4.1.2.1	Enclosed in a recessed or surface conduiting:					

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - ICT					
9.1.4.1.2.1.1	- JE-H(st)H 2x2x0,8mm²	ml	160	0.00 €	0.00 €	
9.1.4.1.2.2	On the air, fixed on a cable tray or ladder horizontal or vertical:					
9.1.4.1.2.2.1	- JE-H(st)H 2x2x0,8mm²	ml	110	0.00 €	0.00 €	
9.1.4.1.3	Metric Rigid Conduit:					
9.1.4.1.3.1	Enclosed in a recessed or surface conduiting:					
9.1.4.1.3.1.1	- PVC Ø 20 mm	ml	150	0.00 €	0.00 €	
9.1.4.1.4	Others:					
9.1.4.1.4.1	- Engineering, System Programming, including System Testing, Commissioning and Training.	Gv	1	0.00 €	0.00 €	
9.1.5	Complementary Work					
9.1.5.1	Construction work to support the implementation of water distribution networks for fire-fighting purposes, as well as all the works, materials and accessories necessary to the correct execution of the task.	Gv	1	0.00 €	0.00 €	
9.1.5.1.1	- Supply and installation of intumescent clamps and sleeves with characteristics EI60 and EI90 for fire protection at crossings of pipes in combustible material, as well as all the works, materials and accessories necessary to the correct execution of the task	Gv	1	0.00 €	0.00 €	
9.1.6	Final Work					
9.1.6.1	- Verification, cleaning and testing of all network.	Gv	1	0.00 €	0.00 €	
9.1.6.2	- Elaboration of the pieces drawn according to the work executed.	Gv	1	0.00 €	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - Water Supply					
4.	WATER SUPPLY SYSTEM					0.00 €
4.1	Package 5 (Block L)					0.00 €
4.1.1	Pipping					
4.1.1.1	Supply and installation of PP-R Pipes for the water supply network, with thermal insulation in hot water, including all the works, materials and accessories necessary to the correct execution of the task, with the following diameters:					
4.1.1.1.1	Cold Water:					
4.1.1.1.1.1	Ø 16 mm	m	99.00	0.00 €	0.00 €	
4.1.1.1.1.2	Ø 20 mm	m	132.00	0.00 €	0.00 €	
4.1.1.1.1.3	Ø 25 mm	m	52.00	0.00 €	0.00 €	
4.1.1.1.1.4	Ø 32 mm	m	21.50	0.00 €	0.00 €	
4.1.1.1.1.5	Ø 40 mm	m	50.20	0.00 €	0.00 €	
4.1.1.1.1.6	Ø 50 mm	m	47.20	0.00 €	0.00 €	
4.1.1.1.1.7	Ø 63 mm	m	6.10	0.00 €	0.00 €	
4.1.1.1.2	Hot Water:					
4.1.1.1.2.1	Ø 20 mm	m	90.00	0.00 €	0.00 €	
4.1.1.1.2.2	Ø 25 mm	m	10.00	0.00 €	0.00 €	
4.1.1.2	Supply and installation of HDPE pipe for the water supply network, buried, including earthworks and installation, as well as all the works, materials and accessories necessary to the correct execution of the task, with the following diameters:					
4.1.1.2.1	Cold Water:					
4.1.1.2.1.1	Ø 63 mm	m	2.50	0.00 €	0.00 €	
4.1.2	Equipment and Accessories					
4.1.2.1	Supply and installation of angles Valves, as well as all the works, materials and accessories necessary to the correct execution of the task, with the following equipments:					
	Wash Basin					
	- In cold water:	un	20	0.00 €	0.00 €	
	WC Cistern					
	- In cold water:	un	40	0.00 €	0.00 €	
4.1.2.2	Supply and installation of Valves, as well as all the works, materials and accessories necessary to the correct execution of the task, with the following diameters:					
4.1.2.2.1	Ø 20 mm	un	24	0.00 €	0.00 €	
4.1.2.2.2	Ø 25 mm	un	16	0.00 €	0.00 €	
4.1.2.2.3	Ø 32 mm	un	20	0.00 €	0.00 €	
4.1.2.3	Supply and installation of shut-off buried Valves, as well as all the works, materials and accessories necessary to the correct execution of the task, with the following diameters:					
4.1.2.3.1	Ø 63 mm	un	2	0.00 €	0.00 €	
4.1.2.4	Supply and installation of electrical heaters with accumulation tank, including shut-off valves, retention valves, electrical connection work, and all accessories, and all works and materials and accessories necessary to a correct execution of the task, with the following capacities:					
4.1.2.4.1	50L horizontal	un	2	0.00 €	0.00 €	
4.1.2.4.2	80L horizontal	un	4	0.00 €	0.00 €	
4.1.3	Complementary Work					
4.1.3.1	Construction work to support the implementation of water distribution networks for fire-fighting purposes, as well as all the works, materials and accessories necessary to the correct execution of the task.	gv	1	0.00 €	0.00 €	
4.1.3.2	Supply and installation of intumescent clamps and sleeves with characteristics EI60 and EI90 for fire protection at crossings of pipes in combustible material, as well as all the works, materials and accessories necessary to the correct execution of the task	gv	1	0.00 €	0.00 €	
4.1.4	Final Work					
4.1.4.1	Verification, cleaning and testing of all network.	gv	1	0.00 €	0.00 €	
4.1.4.2	Elaboration of the pieces drawn according to the work executed.	gv	1	0.00 €	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY					
7.	FIRE WATER					0.00 €
7.1	Package 5 (Block L)					0.00 €
7.1.1	Pipping					
7.1.1.1	Supply and installation of HDPE pipe, for Firefighting network, buried, including earthworks and installation, as well as all the works, materials and accessories necessary to the correct execution of the task, with the following diameters:					
7.1.1.1.1	Ø 75 mm	m	23.00	0.00 €	0.00 €	
7.1.1.2	Supply and Installation of Galvanized steel pipe, for the Firefighting network, including bonding and branch accessories, supports and clamps with acoustic insulation, threaded or grooved, installed at sight, fixed by quick-mount clamps in galvanized iron attached to walls or ceilings, including opening and closure of notches, wall/floor/ceilings holes for pipe crossings, a first coat of painting anticorrosive, and two coats of colour finishing according legal standards, and remaining accessories necessary to the good functioning of the network, according the plans and construction supervision instruction, with the following diameters:					
7.1.1.2.1	Ø 50 mm	m	12.00	0.00 €	0.00 €	
7.1.1.2.2	Ø 65 mm	m	23.00	0.00 €	0.00 €	
7.1.2	Equipment and Accessories					
7.1.2.1	Supply and installation of Swing type fire hose reel, Model 99-N(19mm), to be installed in a closet with 180º opening door, predicted by the architecture, with reinforced PVC hose, with 30m length, 3 position nozzle: jet, fog and closure, including manual quick-release valve with manometer, axial bracket, tested and approved according EN 671-1:2012, remaining accessories and necessary works for a perfect execution of the task according construction supervision instructions.	un	4	0.00 €	0.00 €	
7.1.3	Complementary Work					
7.1.3.1	Construction work to support the implementation of water distribution networks for fire-fighting purposes, as well as all the works, materials and accessories necessary to the correct execution of the task.	gv	1	0.00 €	0.00 €	
7.1.3.2	Supply and installation of intumescent clamps and sleeves with characteristics EI60 and EI90 for fire protection at crossings of pipes in combustible material, as well as all the works, materials and accessories necessary to the correct execution of the task	gv	1	0.00 €	0.00 €	
7.1.4	Final Work					
7.1.4.1	Verification, cleaning and testing of all network.	gv	1	0.00 €	0.00 €	
7.1.4.2	Elaboration of the pieces drawn according to the work executed.	gv	1	0.00 €	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - Waste Water					
5.	WASTE WATER					0.00 €
5.1	Package 5 (Block L)					0.00 €
5.1.1	Pipping					
5.1.1.1	Supply and installation of PVC pipes for buried/embedded wastewater drainage network (inside building), installed in proper ditches, as well as all complementary works, materials and accessories necessary to the perfect execution of the task, according to the plans and construction supervision instructions, with the following diameters:					
5.1.1.1.1	Ø 40 mm	m	77.00	0.00 €	0.00 €	
5.1.1.1.2	Ø 75 mm	m	16.00	0.00 €	0.00 €	
5.1.1.1.3	Ø 90 mm	m	46.00	0.00 €	0.00 €	
5.1.1.2	Supply and installation of PVC pipes for suspended wastewater drainage network, as well as all complementary works, materials and accessories necessary to the perfect execution of the task, according to the plans and construction supervision instructions, with the following diameters:					
5.1.1.2.1	Ø 90 mm	m	12.00	0.00 €	0.00 €	
5.1.1.2.2	Ø 110 mm	m	27.00	0.00 €	0.00 €	
5.1.1.3	Supply and installation of PVC pipes for buried/embedded wastewater drainage network (outside building), installed in proper ditches, including terrain movements, such as excavation, landfill and transportation of remaining terrain offsite (if necessary), as well as all complementary works, materials and accessories necessary to the perfect execution of the task, according to the plans and construction supervision instructions, with the following diameters:					
5.1.1.3.1	Ø 110 mm	m	32.00	0.00 €	0.00 €	
5.1.1.3.2	Ø 125 mm	m	12.00	0.00 €	0.00 €	
5.1.1.3.3	Ø 160 mm	m	71.00	0.00 €	0.00 €	
5.1.2	Equipment and Accessories					
5.1.2.1	Supply and installation of siphon, as well as all the works, materials and accessories necessary to the correct execution of the task, to install on the following equipments:					
5.1.2.1.1	Wash Basin	un	20	0.00 €	0.00 €	
5.1.2.1.2	Turkish Toilet	un	20	0.00 €	0.00 €	
5.1.2.1.3	Shower	un	20	0.00 €	0.00 €	
5.1.2.2	Supply and installation of traps in chrome plated brass, as well as all the works, materials and accessories necessary to the correct execution of the task.	un	20	0.00 €	0.00 €	
5.1.2.3	Supply and installation of cleaning vertical eye on the floor, as well as all the works, materials and accessories necessary to the correct execution of the task.	un	10	0.00 €	0.00 €	
5.1.2.4	Supply and installation of ventilation hats, to be installed on the roof, as well as all the works, materials and accessories necessary to the correct execution of the task, with the following diameters:					
5.1.2.4.1	Ø 90 mm	un	2	0.00 €	0.00 €	
5.1.2.5	Execution of a concrete manholes supported by a suitable recessed cast iron covers, load class B125 to receive the same finishing of the floor, including terrain movements, such as excavation, landfill and transportation of remaining terrain offsite (if necessary), as well as all complementary works, materials and accessories necessary to the perfect execution of the task, according to the plans, detail drawings and construction supervision instructions, with the following dimensions:					
5.1.2.5.1	0.80x0.80	un	14	0.00 €	0.00 €	
5.1.2.6	Execution of the septic tank in reinforced concrete, according to the drawing, and in all circumstances its structural resistance must be ensured and its complete tightness, through an interior covering suitable to the characteristics of the water to be treated; the openings must have a minimum usable dimension of 600mmx600mm or a minimum usable diameter of 600mm, with hermetic closure; must have a downward slope directed towards the openings, in order to facilitate the easier removal of accumulated sludge; must have septa at the entrance and exit; be provided with ventilation with a diameter of not less than 90mm. Including all complementary works, materials and accessories necessary to the perfect execution of the task	un	1	0.00 €	0.00 €	
5.1.3	Complementary Work					
5.1.3.1	Construction work to support the implementation of wastewater networks, as well as all the works, materials and accessories necessary to the correct execution of the task.	gv	1	0.00 €	0.00 €	
5.1.3.2	Supply and installation of intumescent clamps and sleeves with characteristics EI60 and EI90 for fire protection at crossings of pipes in combustible material, as well as all the works, materials and accessories necessary to the correct execution of the task	gv	1	0.00 €	0.00 €	
5.1.3.3	Evaluation, rehabilitation (if necessary), cleaning and maintenance works of existing networks to be maintained, including all materials and work necessary for their perfect execution.	gv	1	0.00 €	0.00 €	
5.1.4	Final Work					
5.1.4.1	Verification and testing of all network.	gv	1	0.00 €	0.00 €	
5.1.4.2	Elaboration of the pieces drawn according to the work executed.	gv	1	0.00 €	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - Storm Water					
6.	STORM WATER DRAINAGE					0.00 €
6.1	Package 5 (Block L)					0.00 €
6.1.1	Pipping					
6.1.1.1	Supply and installation of PVC pipes for vertical rainwater drainage network, embedded/at sight, as well as all complementary works, materials and accessories necessary to the perfect execution of the task, according to the plans and construction supervision instructions, with the following diameters:					
6.1.1.1.1	Ø 160 mm	m	28.00	0.00 €	0.00 €	
6.1.2	Complementary Work					
6.1.2.1	Construction work to support the implementation of wastewater networks, as well as all the works, materials and accessories necessary to the correct execution of the task.	gv	1	0.00 €	0.00 €	
6.1.2.2	Supply and installation of intumescent clamps and sleeves with characteristics EI60 and EI90 for fire protection at crossings of pipes in combustible material, as well as all the works, materials and accessories necessary to the correct execution of the task	gv	1	0.00 €	0.00 €	
6.1.2.3	Evaluation, rehabilitation (if necessary), cleaning and maintenance works of existing networks to be maintained, including all materials and work necessary for their perfect execution.	gv	1	0.00 €	0.00 €	
6.1.3	Final Work					
6.1.3.1	Verification and testing of all network.	gv	1	0.00 €	0.00 €	
6.1.3.2	Elaboration of the pieces drawn according to the work executed.	gv	1	0.00 €	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - Life and Fire Safety					
13	FIRE SAFETY					0.00 €
13.1	BLOCK L					0.00 €
13.1.1	EMERGENCY SIGNS					
13.1.1.1	Application of emergency signs, in accordance with the fire safety project, with the following dimensions:					
13.1.1.1.1	200 x 200 mm:					
13.1.1.1.1.1	S1 - Fire extinguisher	un	12.0	0.00 €	0.00 €	
13.1.1.1.2	150 x 200 mm:					
13.1.1.1.2.1	S2 - Fire Alarm	un	4.0	0.00 €	0.00 €	
13.1.1.1.2.2	S4 - Fire Hose	un	4.0	0.00 €	0.00 €	
13.1.1.1.2.3	S5 - Fire extinguisher Instructions for use, Carbon Dioxide	un	4.0	0.00 €	0.00 €	
13.1.1.1.2.4	S6 - Fire extinguisher Instructions for use, ABC Powder	un	8.0	0.00 €	0.00 €	
13.1.1.1.3	300 x 300 mm:					
13.1.1.1.3.1	P1 - Warning, Electric switch	un	4.0	0.00 €	0.00 €	
13.1.1.1.4	PE - Application of Escape Plan and simplified instructions, in accordance with the fire safety project.	un	4.0	0.00 €	0.00 €	
13.1.2	MEANS OF FIRST INTERVENTION					
13.1.2.1	EXTINGUISHERS					
13.1.2.1.1	Installation of portable fire extinguishers with the following characteristics:					
13.1.2.1.1.1	ABC Powder, 6kg	un	8.0	0.00 €	0.00 €	
13.1.2.1.1.2	Carbon Dioxide (CO ₂), 5kg	un	4.0	0.00 €	0.00 €	

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - Ventilation and Air Conditioning					
3	NOT APPLICABLE FOR THIS PACKAGE					0.00 €

CODE	DESCRIPTION	UNITS	QUANTITIES	PRICES (EURO)		
				Unitary	Partial	Totals
	BOQ - BILL OF QUANTITY - Medical Gases					
3	NOT APPLICABLE FOR THIS PACKAGE					0.00 €