

REHABILITATION OF KASKAS PARK: DETAILED BOQ							
DESIGN: CATALYTICACTION							
			Price per unit	Unit	Quantity	Total	Notes
A	Site preparation						
A.1	General works for site preparation including removal of 4 light poles, removal of all existing curbstones, removal of existing swing seats, moving of 9 benches and 7 swing structures. Complementary works are also included, such as transportation of removed materials to the legal discharge place. Refer to drawing n.02 for more details.		\$ -	LS	1	\$ -	
B	Bathrooms						
B.1	General work for site preparation, including cleaning of both bathrooms, demolition of partition walls, removal of bathroom fixtures and doors. Complementary works are also included, such as transportation of removed materials to the legal discharge place and repair of floor and wall tiles (tiles need to match the existing ones), which will result from the demolition of the existing partition walls. Refer to drawing n.08 for more details.		\$ -	LS	1	\$ -	
B.2	Contruction of partition walls (thickness 15cm) with CMU blocks. Includes materials and required labour for installation. Refer to drawing n.08 for more details.		\$ -	m2	2.75	\$ -	
B.3	Plastering of new partition walls. Includes materials and required labour for installation. Refer to drawing n.08 for more details.		\$ -	m2	3.45	\$ -	
B.4	Painting of new and old walls with water based paint colors. Includes materials and required labour for installation. Refer to drawings n.08 for more details.		\$ -	m2	44.6	\$ -	
B.5	Tiling of new partition walls. Tiles need to match the existing ones. Includes materials and required labour for installation. Refer to drawing n.08 for more details.		\$ -	m2	7	\$ -	
B.6	Plumbing works to change the existing water and drain connection of the toilet to implement the specified design. Refer to drawing n.08 for more details.		\$ -	LS	1	\$ -	
B.7	Metal door with frame and lock (actual passage min. 85cm). Includes materials and required labour for installation. Refer to drawing n.08 for more details.		\$ -	n	1	\$ -	
B.8	Wheelchair accessible toilet. Includes materials, all plumbing works and required labour for installation. Refer to drawing n.08 for more details.		\$ -	n	1	\$ -	

B.9	Wheelchair accessible washbasin. Includes materials, all plumbing works and required labour for installation. Refer to drawing n.08 for more details.		\$ -	n	1		\$ -	
B.10	Handles for wheelchair accessible WC (kit 4 pieces). Includes materials and required labour for installation. Refer to drawing n.08 for more details.		\$ -	n	2		\$ -	
B.11	New lock for the existing metal door. Includes materials and required labour for installation. Refer to drawing n.08 for more details.		\$ -	n	1		\$ -	
C Guard room								
C.1	General cleaning of the existing windows. Refer to drawings n.08 for more details.		\$ -	LS	1		\$ -	
C.2	Painting of existing walls with water based paint colors. Includes materials and required labour for installation. Refer to drawings n.08 for more details.		\$ -	m2	9		\$ -	
D Excavation works								
D.1	Excavation for the amphitheater, foundations, tree stumps and paved area. Complementary works are also included, such as transportation of excavated materials to the legal discharge place. Note that existing electrical conduits underground must be kept. Refer to drawings n. 03-04-05-07 for more details.		\$ -	m3	23.99		\$ -	
E Metal works								
E.1	Hollow steel profile Ø 3/4" (thickness 2,5 mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n. 05-06 for more details.		\$ -	kg	53.33		\$ -	
E.2	Hollow steel profile Ø 1" (thickness 2,5 mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n. 05-06 for more details.		\$ -	Kg	8.67		\$ -	
E.3	Hollow steel profile Ø 2" (thickness 2,5 mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n. 05-06 for more details.		\$ -	kg	131.37		\$ -	
E.4	Hollow steel profile 2x2cm (thickness 2,5 mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n. 05-06 for more details.		\$ -	kg	4.12		\$ -	

E.5	Hollow steel profile 5x5cm (thickness 2,5 mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n. 05-06 for more details.		\$ -	kg	43.39		\$ -	
E.6	Flat steel profile 3cm (thickness 3mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n. 05-06 for more details.		\$ -	kg	2.43		\$ -	
E.7	Perforated steel sheet 2x1m (thickness 1.8 mm) square holes-10mm. Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n. 05-06 for more details.		\$ -	n	5		\$ -	
E.8	Steel sheet 2x1m (thickness 5mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n. 05-06 for more details.		\$ -	kg	308		\$ -	
F	Timber works							
F.1	Wood deck boards (pressure treated wood, cross section 10x2cm). Includes materials and required labour to install the deck boards by using timber screws. Refer to drawings n. 05-06 for more details.		\$ -	m2	3.6		\$ -	Please provide specs and provider warranty details.
F.2	Marine birch plywood board 122x244cm (thickness 1,8cm). Includes materials and required labour for delivering the specified plywood board painted (oil based paint) and installed as per design by using a bolting system. Exposed bolts will need to be covered with plastic bolt caps. Refer to drawings n.05-06 for more details.		\$ -	n	1		\$ -	Please provide specs of oil based paint.
F.3	Tree stumps. Includes materials and required labour for installation. Refer to drawing n.07 for more details.		\$ -	m3	0.3		\$ -	
G	Concrete works							
G.1	M15 concrete for the foundations. Includes materials and required labour for installation. Refer to drawings n.05-07 for more details.		\$ -	m3	3.23		\$ -	
G.2	M25 reinforced concrete for the amphitheater. Includes materials, formworks and required labour for installation. Refer to drawing n.04 for more details.		\$ -	m3	10.5		\$ -	
G.3	M15 reinforced concrete for the layer below the rubber tiles. Includes materials and required labour for installation. Refer to drawing n.03 for more details.		\$ -	m3	0.42		\$ -	

G.4	Al Bahar paving stone PS 150 - cement colour. Includes interlock blocks, base layers, transport and required labour for installation. Refer to drawing n.03 for more details.		\$ -	m2	112		\$ -	
G.5	Al Bahar paving stone PS 150 - red/brown colour. Includes interlock blocks, base layers, transport and required labour for installation. Refer to drawing n.03 for more details.		\$ -	m2	58		\$ -	
G.6	Al Bahar Zublin2 curb (8x15x50cm - note that to achieve this size, the original Al Bahar Zublin2 curb will need to be cut in half). Includes curbs, base layers, transport and required labour for installation. Refer to drawing n.03 for more details.		\$ -	n	216		\$ -	<i>This will cover 108 lm.</i>
H	Safe flooring							
H.1	Rubber tiles (dimensions: 50x50x2cm). Includes materials and required labour for installation. Refer to drawing n.03 for more details.		\$ -	m2	4		\$ -	
I	Painting works							
I.1	Painting of the existing metal swing structures with oil based paint colors. Includes materials and required labour for installation. Refer to drawings n.05-06 for more details.		\$ -	LS	1		\$ -	
I.2	Painting of concrete surfaces with water based paint colors. Includes materials and required labour for installation. Refer to drawing n.04 for more details.		\$ -	m2	11		\$ -	
J	Play items							
J.1	Nest swing: hollow galvanized steel profile Ø 2" (thickness 2,5 mm). Includes materials and required labour to implement the specified design.		\$ -	kg	5.6		\$ -	
J.2	Nest swing: double braid polyester rope (Ø 12mm).		\$ -	m	40		\$ -	
J.3	Nest swing: galvanized steel eye bolts 10mm.		\$ -	n	14		\$ -	
J.4	Nest swing: stainless steel chain 6mm.		\$ -	m	7		\$ -	
J.5	Nest swing: galvanized steel chain 3mm.		\$ -	m	12.5		\$ -	
J.6	Nest swing: stainless steel shackle 8mm with flush allen key locking pin.		\$ -	n	16		\$ -	
J.7	Labour to assemble and install 1 nest swing made out of hollow galvanized steel ring (outer Ø 1m), galvanized steel eye bolts, double braid polyester rope, chains, shackles and hangers (provided by CA), installed on a steel structure with bolts. Refer to drawings n.05-06 for more details.		\$ -	LS	1		\$ -	
J.8	Swings: rubber strip 64x15cm (thickness 1cm) to be used as swing seat.		\$ -	n	5		\$ -	

J.9	Swings: stainless steel plate 7x18,8cm (thickness 2mm). Includes materials and required labour to implement the specified design.		\$ -	n	10		\$ -	
J.10	Swing: stainless steel chain 6mm.		\$ -	m	14		\$ -	
J.11	Swings: stainless steel shackle 10mm with flush allen key locking pin.		\$ -	n	20		\$ -	
J.12	Labour to assemble and install 5 swings made out of rubber strip, stainless steel plates, chains, shackles and installed on a steel structure with existing hangers. Refer to drawings n.05-06 for more details.		\$ -	LS	1		\$ -	
J.13	Climbing net: double braid polyester rope (Ø 16mm).		\$ -	m	13		\$ -	
J.14	Climbing net: stainless steel rope clamp 12mm (to match with 16mm rope).		\$ -	n	20		\$ -	
J.15	Climbing net: galvanized steel eye bolts 10mm.		\$ -	n	20		\$ -	
J.16	Labour to assemble and install 2 climbing nets (1,2x0,7m) made out of double braid polyester rope and plastic connectors (provided by CA), installed on a steel structure with rope clamps and galvanized steel eye bolts. Refer to drawings n.05-06 for more details.		\$ -	LS	1		\$ -	
J.17	Speaking pipes: hollow steel profile Ø 2" (thickness 2,5 mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n.05-06 for more details.		\$ -	kg	44.63		\$ -	
J.18	Speaking pipes: 90 degree curved steel connector Ø 2" (thickness 2,5 mm). Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n.05-06 for more details.		\$ -	n	8		\$ -	
J.19	Speaking pipes: steel cone outer Ø20 cm - inner Ø2". Includes materials and required labour to implement the specified design. Steel has to be treated with a waterproofing sealant and painted (two layers). Refer to drawings n.05-06 for more details.		\$ -	n	6		\$ -	
J.20	Music rollers: Iroko teak wood (thickness 3cm). Includes materials and required labour for delivering the timber sanded, oil treated and installed as per design. Refer to drawings n. 05-06 for more details.		\$ -	m3	0.03		\$ -	Please provide specs of oil based treatment (transparent finish and colour finish)
J.21	Music rollers: ball bearing inner Ø 3/4".		\$ -	n	4		\$ -	

J.22	Abacus: Iroko teak wood (thickness 3cm). Includes materials and required labour for delivering the timber sanded, oil treated and installed as per design. Refer to drawings n. 05-06 for more details.		\$ -	m3	0.018		\$ -	Please provide specs of oil based treatment (transparent finish and colour finish)
J.23	Cubes: pine wood (second grade). Includes materials and required labour for delivering the timber sanded, oil treated and installed as per design. Refer to drawings n. 05-06 for more details.		\$ -	m3	0.015		\$ -	Please provide specs of oil based treatment (transparent finish and colour finish)
J.24	Mirror: reflective Alucubond sheet 122x400cm (thickness 5mm). Includes material, cnc cutting and installation on a timber surface with PU45 glue. Refer to drawings n.05-06 for more details.		\$ -	n	1		\$ -	
J.25	Coloured plexiglass triangle 40x40x25cm (thickness 12mm). Includes material, cnc cutting and installation on a steel surface by using a bolting system. Refer to drawings n.05-06 for more details.		\$ -	n	3		\$ -	
	Subtotal						\$ -	
	V.A.T. 11%						\$ -	
	GRAND TOTAL:						\$ -	