

Ref : PTS-QTN2023-Q094A-L-0009

Date : **24th April 2024**

Project : **DAMAC LAGOONS - COSTA BRAVA**

Attention : **Engr. Maher Ghossaini - Director Procurement**

Subject : **Technical & Financial Proposal for Landscaping Works for Damac Lagoons Costa Brava
(MAIN OFFER - AS PER SPECIFICATION)**

Dear Sir,

Reference is made based on the above mentioned subject, kindly find enclosed revised Technical and Commerical offer for Damac Lagoons Costa Brava Landscaping Works (**As per specification**) for your kind consideration.

Hoping that above proposal meets with your requirements, we would like to thank you once again for your confidence in our services & we will be waiting for your valuable feedback.

For any clarification, please do not hesitate to contact us.

For and on behalf of
Phoenician Technical Services L.L.C.



Elie Harb

General Manager



GENERAL CONTRACTING | LANDSCAPING | LEISURE POOLS | SWIMMING POOLS | WATER BODIES | WATER FEATURES

TECHNICAL AND FINANCIAL PROPOSAL FOR
LANDSCAPE PACKAGE
MAIN OFFER (AS PER SPECIFICATION)

PROJECT:
DAMAC LAGOONS - COSTA BRAVA

SUBMITTED TO:
DAMAC

PTS-UAE-DXB-Q2023-094A REV 8
24-April-2024

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
1	BILL NO. 1: GENERAL REQUIREMENTS				
1.1	general notes on preliminaries				
1.1.1	These Preliminaries are applicable to (he whole of the Works and associated works. Each clause or sub clause must be individually priced. The Tenderer shall not enter any lump sums covering more than one or all items, clauses or sub-clauses. Where any item, clause or subclause of the Preliminaries has not been priced, it will be deemed that the value of such item, clause or sub-clause is included in the rates for measured item elsewhere in the Bill of Quantities.				
1.1.2	All items in this Bill shall be read with the project drawings and specifications as may be appropriate and priced accordingly. The Contractor to list and price for all costs associated with compliance with the Conditions of Contract Part I and Part II and not covered elsewhere. The Contractor shall describe and price any obligations contained in the Specification, Preambles, Drawing and any other tender documents for which allowance has not been made elsewhere.				
1.1.3	The Contractor to list and price for all costs associated with compliance with the Conditions of Contract Part I and Part II and not covered elsewhere. The use of the site is restricted to the implementation of the Works as specified. Refer to Clause 42.1 of Conditions of Contract Provide for limitations to working space as specified & Refer to Clause 45.1 of Conditions of Contract restriction on working hrs. Provide for execution or completion of work in specific order, sections or phases as specified. The Contractor shall allow for compliance with all Local Authority and/or Municipal requirements				
1.2	conditions of contract				
1.2.1	performance security				
1.2.1.1	performance security in accordance with conditions of contract, clause 10	1.00	Item		1,200,000.00
1.2.2	advance payment guarantee				
1.2.2.1	advance payment security as may be required by the employer	1.00	Item		Included in BOQ Item 1.2.1.1
1.2.3	insurances				
1.2.3.1	contractor's all risk insurance.	1.00	Item		Included in BOQ Item 1.2.1.1
1.2.3.2	third party liability insurance	1.00	Item		Included in BOQ Item 1.2.1.1
1.2.3.3	workmen compensation insurance	1.00	Item		Included in BOQ Item 1.2.1.1
1.2.3.4	professional indemnity insurance (if necessary)	1.00	Item		Not Applicable
1.2.3.5	Contractor's Equipment and machinery insurance	1.00	Item		Included in BOQ Item 1.2.1.1
1.2.3.6	Any other Insurance required to be obtained by the Contractor, which are not covered under the OCIP Insurance obtained by the Employer	1.00	Item		Included in BOQ Item 1.2.1.1
1.3	contractor's administrative arrangements				
1.3.1	site administration				
1.3.1.1	provide sufficient staff and equipment to perform the administrative duties in executing the contract	1.00	Days		Included in BOQ Item 1.2.1.1
1.3.2	site supervision				
1.3.2.1	full time supervision by the contractor	1.00	Days		Included in BOQ Item 1.2.1.1
1.3.3	security				
1.3.3.1	protect the site and works from unauthorized entry and fire and control the labour force to prevent nuisance or trespass onto adjacent property	1.00	Days		Included in BOQ Item 1.2.1.1
1.3.4	safety, health and welfare				
1.3.4.1	compliance with all acts, orders, laws and regulations concerning the safety, health or welfare of work people.	1.00	Item		Included in BOQ Item 1.2.1.1
1.3.5	transport of workpeople				
1.3.5.1	the contractor shall make all necessary arrangements for the transport of his own, and his sub-contractor's employees for the duration of the works.	1.00	Days		Included in BOQ Item 1.2.1.1
1.3.6	Protecting and drying of Work				
1.3.6.1	The contractor shall protect the work from inclement weather, theft, falling of objects from height and shall provide drying of works during construction, also to maintain level of humidity complying to local authorities.	1.00	Item		Included in BOQ Item 1.2.1.1
1.3.7	setting out				
1.3.7.1	setting out of the works	1.00	Item		Included in BOQ Item 1.2.1.1
1.3.8	progress report				
1.3.8.1	Preconstruction, progress and final completion construction photographs as specified Provide progress reports as specified	1.00	Item		Included in BOQ Item 1.2.1.1
1.3.9	as built drawings				
1.3.9.1	The Contractor shall provide "AS BUILT" drawings as specified. As built survey from third party to be provided as per authorities requirements	1.00	Item		Included in BOQ Item 1.2.1.1
1.3.10	operation and maintenance manuals				
1.3.10.1	operation and maintenance manuals as specified	1.00	Item		Included in BOQ Item 1.2.1.1
1.3.11	warranties				
1.3.11.1	provision of warranties as specified	1.00	Item		Included in BOQ Item 1.2.1.1
1.4	sundry items				
1.4.1	testing of materials				
1.4.1.1	The Contractor shall allow for all tests required to be carried out including providing all necessary materials and samples, dedicated driver and car to be included for the sole use of Engineer/Client to transfer documents to/from various dept.	1.00	Item		Included in BOQ Item 1.2.1.1
1.4.2	damac site procedures manual (volume 5)				
1.4.2.1	the contractor is to allow in his tender for carrying out all procedures for project administration in compliance with the damac site procedures manual.	1.00	Item		Included in BOQ Item 1.2.1.1
1.4.2.2	applying quality control procedures				
1.4.2.3	the contractor shall assist the employer with his/her best endeavours to obtain the building permit including but not limited by submitting all necessary documents and applications to authority body (any deposit in relation to this shall be paid or repaid by employer).	1.00	Item		Included in BOQ Item 1.2.1.1
1.4.3	green building regulations				
1.4.3.1	The Contractor shall allow for all necessary Administrative arrangements of Green Building regulations	1.00	Item		Included in BOQ Item 1.2.1.1
1.4.3.2	The Contractor shall include CCTV camera's provision during construction as per Dubai Police Requirements and Regulations	1.00	Item		Not Applicable
1.4.3.3	The Contractor should make sure during the coarse of construction to maintain site sanitation and cleaning, further prior to handover a deep cleaning to be done to the satisfaction of Engineer and Client.	1.00	Item		Included in BOQ Item 1.2.1.1
1.5	general				
1.5.1	the contractor shall describe and price hereunder any items shown on the drawings, mentioned in the specifications, or required for the satisfactory completion of this section, not mentioned herein. any such items not listed below shall be deemed to be included.				
1.5.1.1	1) TSE water during defect liability period				Shall be paid based on actual works done, remeasured on daily basis according to the quantity of water delivered to site (water tankers) man powers, actual cost of establishment of facility (pumps, tanks), generator, diesel, others
1.5.1.2	2) TSE Water during Construction	1.00	Item	360,000.00	Rate Only

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
1.5.1.3	Establish and maintain Office for the exclusive use of the Engineer and his Representatives as specified in the drawings and specifications. I.T. materials such as computers, printers, scanners, high-speed broadband internet and wi-fi is excluded.	ONLY 02 SITE OFFICES CARAVAN FOR ENGINEER			
1.5.1.3.1	Establishment	1.00	Item	90,000.00	RATE ONLY
1.5.1.3.2	Maintenance of Engineer's Facility	180.00	Days	125.00	RATE ONLY
1.5.1.3.3	Removal and making good site of Engineer's Facility	1.00	Item	30,000.00	RATE ONLY
1.5.1.3.4	Provide office attendant / tea boy / cleaner for the sole use of the engineer / his representative as specified.	180.00	Days	150.00	RATE ONLY
1.5.1.3.5	Provision of Vehicle Service to Engineer (4x4 wheel Drive) including fuel	6.00	Months	7,500.00	RATE ONLY
1.5.1.3.6	Maintenance of Vehicle	180.00	Days	145.00	RATE ONLY
1.5.1.3.7	Provision of Engineer's Carports/Shade for 2 Site Office Caravan	1.00	Item	25,000.00	RATE ONLY
1.5.1.3.8	Maintenance of Engineer's Carports/Shade	180.00	Days	50.00	RATE ONLY
1.5.1.3.9	Removal and making good site (Car Ports/Shade)	1.00	Item	6,000.00	RATE ONLY
1.5.1.4	<u>Allow for the maintenance of one calendar year including all material, labour, supervision after substantial completion & handing over.</u>				
1.5.1.4.1	Softlandscape	12.00	Months	20,000.00	RATE ONLY
1.5.1.4.2	Irrigation	12.00	Months	20,000.00	RATE ONLY
TOTAL AMOUNT FOR BILL NO. 1: GENERAL REQUIREMENTS					1,200,000.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
2	BILL NO. 2 - HARDSCAPE				
2.1	site work				
2.1.1	excavation				
2.1.1.1	Bulk excavation in any kind of soil, rock, etc, complete; all in accordance with the drawings and specification				
2.1.1.1.1	To Costa, to reduced level	0.00	m ³	10.00	Rate only
2.1.2	backfilling				
2.1.2.1	Backfill with approved material where required by the Engineer, complete; all in accordance with the drawings and specification				
2.1.2.1.1	To Costa, to make up level	0.00	m ³	10.00	Rate only
2.2	Paving & Surfacing				
2.2.1	Supply and lay, various paving and surfacing, including excavation polymeric sand layer, bedding sand course, wet macadam mix, road base, geotechnical fabric, subgrade, grouting, bedding and all accessories, complete; all in accordance with the drawing and specification VE: Excluding macadam mix and geotechnical fabric				
2.2.1.1	Ref. PV-01, Concrete block paving, size 500 x 500 , 500 x 250, thk 60mm	576.00	m ²	203.00	116,928.00
2.2.1.2	Ref. PV-02, Concrete block paving, size 240 x 160, 160 x 160, 120x160 thk 60mm	21,277.00	m ²	93.00	1,978,761.00
2.2.1.3	Ref. PV-03, Concrete block paving, size 200 x 100, thk 60mm	236.00	m ²	96.00	22,656.00
2.2.1.4	Ref. PV-04, Concrete block paving, size 80 x 80, thk 60mm	202.00	m ²	134.00	27,068.00
2.2.1.5	Ref. PV-05, Exposed aggregate cast-in situ concrete, thk 150 mm (As per Central Hub price and specification)	39.00	m ²	221.00	8,619.00
2.2.2	Supply and lay, various cast in situ concrete surfacing, including light weight concrete fill, sub grade and all accessories, complete; all in accordance with the drawing and specification				
2.2.2.1	Ref. PV-08, PEA gravel, thk 80-100mm	2,135.00	m ²	38.00	81,130.00
2.2.2.2	Ref. PV-09, Concrete block paving, size 240 x 160, 160 x 160, 120 x 160, thk 60mm	1,777.00	m ²	93.00	165,261.00
2.2.2.3	Ref. PV-11, Concrete block paving, size 200 x 200, thk 80mm	127.00	m ²	112.00	14,224.00
2.2.2.4	Ref. PV-12, Concrete block paving, size 240 x 160, 160 x 160, 120 x 160, thk 60mm	184.00	m ²	93.00	17,112.00
2.2.2.5	Ref. PV-14, Concrete block paving, size 240 x 160, 160 x 160, 120 x 160, thk 80mm	127.00	m ²	95.00	12,065.00
2.2.2.6	Ref. PV-15, Concrete block paving, size 240 x 160, 160 x 160, 120 x 160, thk 60mm	1,357.00	m ²	93.00	126,201.00
2.2.3	Supply and lay, EPDM surfacing including two coats of hard wearing U.V resistant aliphatic finish with non-slip and matt additives, 2 layers of sealer coats, 5mm rubber surface EPDM, appropriate base, and all accessories, as per drawings and specification				
2.2.3.1	Ref. PV-06, EPDM surface, thk 50mm	243.00	m ²	407.00	98,901.00
2.2.4	Supply and lay wood decking, including underlay, supporting civil structure, tubes, plates, beams, imbedded bolts, aggregate base, sand and all accessories, complete; all in accordance with the drawings and specification				
2.2.4.1	Ref. PV-10, WPC composite decking, size 3000 x 140 mm, thk 25mm, English walnut colour, timber look, grooved, grinded, as per drawing LS407	613.00	m ²	716.00	438,908.00
2.2.5	Supply and lay, beach sand, including all necessary works, as per drawings and specification				
2.2.5.1	Ref. PV-07, Sand, average 400mm thick layer over salt barrier Normal Beach Sand	3,581.00	m ²	70.00	250,670.00
2.2.6	edging				
2.2.6.1	Supply and lay, various paving banding, including concrete foundation and all related work, complete; all in accordance with the drawings and specification				
2.2.6.1.1	Ref. PB-01, Concrete paving band, size 200 x 100, 60 mm thk, shot blasted finish	4,789.00	m	46.00	220,294.00
2.2.6.1.2	Ref. PB-02, Concrete paving band, size 400 x 250 mm, 80 mm thk, honed finish	1,030.00	m	68.00	70,040.00
2.2.6.1.3	Ref. PB-03, Concrete paving band, size 400 x 250 mm, 150 mm thk, honed finish	747.00	m	95.00	70,965.00
2.2.6.1.4	Ref. PB-04, Concrete paving band, size 100 x 100 mm, 60 mm thk, shot blasted finish	1,897.00	m	54.00	102,438.00
2.2.6.1.5	Ref. PB-07, Concrete paving band, size 200 x 100 mm, 60 mm thk, shot blasted finish	1,625.00	m	54.00	87,750.00
2.2.6.1.6	Ref. PB-09, Concrete paving band, size 200 x 100, 80 mm thk, shot blasted finish	178.00	m	54.00	9,612.00
2.2.6.1.7	Ref. PB-10, PE plastic edge, 5mm thick, 230mm depth	663.00	m	21.00	13,923.00
2.2.6.1.8	Ref. PB-11, Concrete paving band, size 100 x 100, 60 mm thk, shot blasted finish	22.00	m	53.00	1,166.00
2.2.6.2	Supply and lay, hydraulically compressed concrete tactile tiles, including excavation polymeric sand layer, bedding sand course, wet macadam mix, road base, geotechnical fabric, subgrade, grouting, bedding and all accessories, complete; all in accordance with the drawing and specification				
2.2.6.2.1	Ref. PB-08, Concrete Tactile tiles, size 400 x 400, 60 mm thk	60.00	m	79.00	4,740.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
2.2.7	wall finish				
2.2.7.1	Fiber-reinforced plaster finish to concrete elements including surface preparation and accessories, complete; all in accordance with the drawings and specification				
2.2.7.1.1	Ref. CL-01, Fiber reinforced plaster, 5mm thk	164.00	m ²	120.00	19,680.00
2.2.8	coping				
2.2.8.1	Supply and lay wall coping, including grouting, bedding and all accessories, complete; all in accordance with the drawings and specification				
2.2.8.1.1	Ref.CO-1, Concrete wall coping, size 210x500x100mm	121.00	m	130.00	15,730.00
2.2.9	Stair/Steps				
2.2.9.1	Precast concrete stair/step, including finish, earthworks, cement sand stabilized (where required) and necessary waterproofing, complete, as per drawings and specifications				
2.2.9.1.1	Ref. ST-01, Precast concrete multi step Terraforce block, Tread : 480mm wide, Riser : 100mm high, thk 50mm	27.00	m ²	501.00	13,527.00
2.2.9.1.2	Ref. ST-02, Precast concrete stair blocks, size 3600mmx600mmx100mm thk	63.00	m ²	616.00	38,808.00
2.2.9.1.3	Ref. ST-03, Precast concrete stair blocks, size 1800mmx1300mmx100mm thk	61.00	m ²	719.00	43,859.00
2.2.9.1.4	Ref. PV-13, Precast concrete stepping stone, size 1000mm x 500mm x 80mm thk	5.00	m ²	468.00	2,340.00
2.2.10	retaining wall				
2.2.10.1	Construction of retaining walls, including complete earthworks, structural works, civil works, finishes, waterproofing complete as per drawings and specifications				
2.2.10.1.1	Retaining Wall; 2m H as per drawing No. LS446 & LS447	240.00	m	1,000.00	240,000.00
2.2.11	signage				
2.2.11.1	Supply and installation of signage including all necessary fittings and fixing accessories, complete; all in accordance with the drawings and specification				
2.2.11.1.1	ID-EXT01	3.00	No	9,010.00	27,030.00
2.2.11.1.2	ID-EXT02	6.00	No	9,180.00	55,080.00
2.2.11.1.3	DIR-EXT01	6.00	No	9,140.00	54,840.00
2.2.11.1.4	DOR-EXT01	6.00	No	230.00	1,380.00
2.2.12	Boulders				
2.2.12.1	Supply and lay of boulders including all necessary fittings and fixing accessories, complete; all in accordance with the drawings and specification				
2.2.12.1.1	Ref. BL-01, Boulders group of two	74.00	No	410.00	30,340.00
2.2.12.1.2	Ref. BL-02, Boulders group of three	62.00	No	560.00	34,720.00
2.2.12.1.3	Ref. BL-03, Boulders group of four	8.00	No	760.00	6,080.00
2.3	additional items				
2.3.1	the tenderer is to list here below any additional items, shown on the drawings mentioned in the specifications or required for the satisfactory completion of this section but not mentioned herein, any items not listed below shall be deemed to be included.				
2.3.1.1	(1)	0.00	Item	-	-
2.3.1.2	(2)	0.00	Item	-	-
2.3.1.3	(3)	0.00	Item	-	-
2.3.1.4	(4)	0.00	Item	-	-
2.3.1.5	(5)	0.00	Item	-	-
2.3.1.6	(6)	0.00	Item	-	-
2.3.1.7	(7)	0.00	Item	-	-
2.3.1.8	(8)	0.00	Item	-	-
2.3.1.9	(9)	0.00	Item	-	-
2.3.1.10	(10)	0.00	Item	-	-
TOTAL AMOUNT FOR BILL NO. 2 - HARDSCAPE					4,522,846.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
3	BILL NO. 3 - SOFTSCAPE & IRRIGATION				
3.1	plants				
3.1.1	Supply and install plants, trees, shrubs, etc. including approved fertilizers, excavate pits and refill with planting soil after planting as per detail in accordance with Landscape Specifications, to the approval of the Engineer (The contractor should irrigate all the plants up to handing over) Salt Barrier and Soil moisture retention additives for the softlandscaping works are excluded same with Santorini Cluster and Central Hub Value Engineering.				
3.1.1.1	Palms & Palm Likes Collection from Nursery, delivery and Planting at site (Excluding procurement of palms)				
3.1.1.1.1	Ref. Pho.dac, Phoenix dactylifera	97.00	No	755.00	73,235.00
3.1.1.1.2	Ref. Pho.2, Phoenix dactylifera	82.00	No	1,299.00	106,518.00
3.1.1.2	Trees Collection from Nursery, delivery and Planting at site (Excluding procurement of trees)				
3.1.1.2.1	Ref. Alb.leb, Albizia lebbeck	136.00	No	413.00	56,168.00
3.1.1.2.2	Ref. Alb.2, Albizia lebbeck	23.00	No	413.00	9,499.00
3.1.1.2.3	Ref. Cal.vim, Callistemon viminalis	142.00	No	413.00	58,646.00
3.1.1.2.4	Ref. Cal.2, Callistemon viminalis	30.00	No	413.00	12,390.00
3.1.1.2.5	Ref. Pel.inne, Peltophorum Inerne	112.00	No	413.00	46,256.00
3.1.1.2.6	Ref. Pel.2, Peltophorum Inerne	24.00	No	413.00	9,912.00
3.1.1.2.7	Ref. Mil.hor, Millingtonia hortensis	105.00	No	413.00	43,365.00
3.1.1.2.8	Ref. Mil.2, Millingtonia hortensis	14.00	No	413.00	5,782.00
3.1.1.2.9	Ref. Tab.ros, Tabebuia rosea	60.00	No	413.00	24,780.00
3.1.1.2.10	Ref. Tab.2, Tabebuia rosea	26.00	No	413.00	10,738.00
3.1.1.2.11	Ref. Cor.seb, Cordia sebestena	64.00	No	413.00	26,432.00
3.1.1.2.12	Ref. Cor.2, Cordia sebestena	15.00	No	413.00	6,195.00
3.1.1.2.13	Ref. DEL.REG, Delonix Regia	125.00	No	413.00	51,625.00
3.1.1.2.14	Ref. Del.2, Delonix Regia	11.00	No	413.00	4,543.00
3.1.1.2.15	Ref. Ole.eur, Olea europaea - 3.5m	5.00	No	413.00	2,065.00
3.1.1.2.16	Ref. Cit.lim, Citrus x limon	5.00	No	413.00	2,065.00
3.1.1.2.17	Ref. Cit.2, Citrus x limon	8.00	No	413.00	3,304.00
3.1.1.2.18	Ref. Con.lan, Conocarpus lancifolium	111.00	No	413.00	45,843.00
3.1.1.2.19	Ref. PLU.OBT, Plumeria Obtusa	112.00	No	413.00	46,256.00
3.1.1.2.20	Ref. Plu.2, Plumeria obtusa	13.00	No	413.00	5,369.00
3.1.1.3	shrubs				
3.1.1.3.1	Ref. Bou.red, Bougainvillea glabra red	177.00	m ²	130.00	23,010.00
3.1.1.3.2	Ref. Bou.whi, Bougainvillea glabra white	167.00	m ²	120.00	20,040.00
3.1.1.3.3	Ref. Car.mac, Carissa macrocarpa	277.00	m ²	115.00	31,855.00
3.1.1.3.4	Ref. Cae.pul, Caesalpinia pulcherrima	316.00	m ²	140.00	44,240.00
3.1.1.3.5	Ref. Dod.vis, Dodonaea viscosa	3,461.00	m ²	116.00	401,476.00
3.1.1.3.6	Ref. Hym.lit, Hymenocalyx littoralis	302.00	m ²	200.00	60,400.00
3.1.1.3.7	Ref. Jat.int, Jathropa integerrima	376.00	m ²	130.00	48,880.00
3.1.1.3.8	Ref. LEU.FRU, Leucophyllum Frutescens	897.00	m ²	145.00	130,065.00
3.1.1.3.9	Ref. Ros.off, Rosmarinus officinalis	409.00	m ²	275.00	112,475.00
3.1.1.3.10	Ref. Vit.agn, Vitex agnus-castus	722.00	m ²	145.00	104,690.00
3.1.1.4	Hedges				
3.1.1.4.1	Ref. Dod.vis, Dodonaea viscosa	5.00	m ²	116.00	580.00
3.1.1.4.2	Ref. Myr.com, Myrtus communis	195.00	m ²	290.00	56,550.00
3.1.1.4.3	Ref. Tec.sta	150.00	m ²	225.00	33,750.00
3.1.1.5	succulents				
3.1.1.5.1	Ref. Ag.pa, Agave parryi huachucensis	152.00	m ²	220.00	33,440.00
3.1.1.5.2	Ref. Sa.tr, Sansevieria trifasciata	72.00	m ²	155.00	11,160.00
3.1.1.5.3	Ref. Ses.por, Sesuvium portulacastrum	149.00	m ²	100.00	14,900.00
3.1.1.6	ground covers				
3.1.1.6.1	Ref. Eu.mi, Euphorbia milii	729.00	m ²	165.00	120,285.00
3.1.1.6.2	Ref. Gaz, Gazania Rigens	2,583.00	m ²	95.00	245,385.00
3.1.1.6.3	Ref. La.ro, Lampranthus roseus	3,923.00	m ²	85.00	333,455.00
3.1.1.6.4	Ref. Ru.eq, Russelia equisetiformis	1,647.00	m ²	90.00	148,230.00
3.1.1.6.5	Ref. Ru.sq, Ruellia squarrosa	997.00	m ²	90.00	89,730.00
3.1.1.6.6	Ref. Wed.tri, Wedelia trilobata	887.00	m ²	90.00	79,830.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
3.1.1.7	ornamental grasses				
3.1.1.7.1	Ref. Pen.se, Pennisetum setaceum	2,631.00	m ²	85.00	223,635.00
3.1.1.7.2	Ref. PEN.RUB, Pennisetum Rubrum	2,281.00	m ²	85.00	193,885.00
3.1.1.7.3	Ref. CYP.ALT, Cyperus Alternifolius	326.00	m ²	110.00	35,860.00
3.1.1.7.4	Ref. Pan.bap, Pandanus baptistii variegata	1,961.00	m ²	125.00	245,125.00
3.1.1.8	lawn				
3.1.1.8.1	Ref. Pas.vag, Paspalum vaginatum	31.00	m ²	40.00	1,240.00
3.1.1.8.2	Ref. Lawn	2,903.00	m ²	40.00	116,120.00
3.2	irrigation works				
3.2.1	To Costa Brava				
3.2.1.1	PIPE WORKS				
3.2.1.1.1	Supply and installation of uPVC pipes including conduit, valves, accessories and all the fittings & fixtures, complete as per specification and drawings				
3.2.1.1.1.1	75mm diameter	4,089.00	m	32.00	130,848.00
3.2.1.1.1.2	Allow irrigation pipework connection from external network (TSE) Note: This includes connection to 10 master valves with different locations with 75mm uPVC Duct, fittings and supports with excavation, disposal, warning tape &, etc.	1.00	Item	32,000.00	32,000.00
3.2.1.2	valves and accessories				
3.2.1.2.1	Supply and installation of valves and accessories for plumbing piping all in accordance with the drawings and specification				
3.2.1.2.1.1	Master valve, 75mm diameter	10.00	No	1,411.00	14,110.00
3.2.1.2.1.2	irrigation controller	10.00	Set	25,500.00	255,000.00
3.2.1.2.1.3	quick coupling valve	62.00	No	346.00	21,452.00
3.2.1.2.1.4	pull box	41.00	No	63.00	2,583.00
3.2.1.2.1.5	Ref. SG, Solenoid valve for drip	55.00	No	1,111.00	61,105.00
3.2.1.2.1.6	Ref. TV, Solenoid valve for trees	62.00	No	840.50	52,111.00
3.2.1.2.1.7	Ref. PV, Solenoid valve for bubbler	9.00	No	841.00	7,569.00
3.2.1.2.1.8	Ref. LV, Solenoid valve for sub-surface drip	10.00	No	927.00	9,270.00
3.2.1.2.1.9	Connection point	10.00	No	2,407.73	24,077.30
3.2.1.2.1.10	Dripper for Landscape area (grass area)	29,869.00	m ²	18.30	546,602.70
3.2.1.2.2	Irrigation Cable, complete as per specification and drawings				
3.2.1.2.2.1	Irrigation Cable Note: This includes irrigation cable and its conduits at 4,089 Lm.	1.00	Item	90,000.00	90,000.00
3.3	additional items				
3.3.1	the tenderer is to list here below any additional items, shown on the drawings mentioned in the specifications or required for the satisfactory completion of this section but not mentioned herein, any items not listed below shall be deemed to be included.				
3.3.1.1	1)	0.00	Item		-
3.3.1.2	2)	0.00	Item		-
3.3.1.3	3)	0.00	Item		-
3.3.1.4	4)	0.00	Item		-
3.3.1.5	5)	0.00	Item		-
3.3.1.6	6)	0.00	Item		-
3.3.1.7	7)	0.00	Item		-
3.3.1.8	8)	0.00	Item		-
3.3.1.9	9)	0.00	Item		-
3.3.1.10	10)	0.00	Item		-

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
	TOTAL AMOUNT FOR BILL NO. 3 - SOFTSCAPE & IRRIGATION				4,858,005.00
4	BILL NO. 4 - POOL, LAKE & BEACHES				
4.1	BEACH COVE AT COSTA BRAVA				
4.1.1	site work				
4.1.1.1					
4.1.1.1.1	Bulk excavation in any kind of soil, rock, etc., complete; all in accordance with the drawings and specification	22,814.00	m ³	10.00	228,140.00
4.1.1.2	backfilling				
4.1.1.2.1	Backfill with approved material where required by the Engineer, complete; all in accordance with the drawings and specification	2,645.00	m ³	10.00	26,450.00
4.1.1.2.2	Compacted sub base layer 150mm thick complete; all in accordance with the drawings and specification	5,342.00	m ²	17.00	90,814.00
4.1.1.2.3	Compacted sub grade layer 150mm thick complete; all in accordance with the drawings and specification	5,342.00	m ²	3.00	16,026.00
4.1.1.3	anti-termite treatment				
4.1.1.3.1	Anti-termite treatment to form chemical barrier, including all necessary related works and guarantees				
4.1.1.3.1.1	to horizontal surfaces	11,991.00	m ²	6.00	71,946.00
4.1.1.3.1.2	to vertical surfaces	2,748.00	m ²	6.00	16,488.00
4.1.2	concrete work				
4.1.2.1	Plain concrete, grade C20/25; all in accordance with the drawings and specification				
4.1.2.1.1	50mm thick blinding concrete below water feature foundations	275.00	m ³	490.00	134,750.00
4.1.2.2	Reinforced in situ concrete grade C32/40 with waterproof admixture (reinforcement & shuttering measured separately); all in accordance with the drawings and specification				
4.1.2.2.1	Lagoon slab on grade, 300mm thick	1,067.00	m ³	385.00	410,795.00
4.1.2.2.2	Lagoon walls, 250mm thick	43.00	m ³	385.00	16,555.00
4.1.2.2.3	Lagoon walls, 300mm thick	484.00	m ³	385.00	186,340.00
4.1.2.2.4	Strip footing to lagoon walls, 200mm thick	19.00	m ³	385.00	7,315.00
4.1.2.2.5	Strip footing to lagoon walls, 250mm thick	11.00	m ³	385.00	4,235.00
4.1.2.2.6	Strip footing to lagoon walls, 300mm thick	195.00	m ³	385.00	75,075.00
4.1.2.2.7	Strip footing to lagoon walls, 500mm thick	303.00	m ³	385.00	116,655.00
4.1.2.2.8	For outer shower foundation	3.00	m ³	385.00	1,155.00
4.1.2.2.9	For floating steps	26.00	m ³	385.00	10,010.00
4.1.2.2.10	Edge beam	68.00	m ³	385.00	26,180.00
4.1.2.3	High yield steel bar reinforcement with yield strength of 420N/mm ² ; all in accordance with the drawings and specification				
4.1.2.3.1	Lagoon slab on grade	63,293.00	Kg	3.80	240,513.40
4.1.2.3.2	Lagoon walls	48,149.00	Kg	3.80	182,966.20
4.1.2.3.3	strip footing	33,550.00	Kg	3.80	127,490.00
4.1.2.3.4	Edge beam	8,020.00	Kg	3.80	30,476.00
4.1.2.3.5	Edges	4,166.00	Kg	3.80	15,830.80
4.1.2.3.6	Floating Steps	2,794.00	Kg	3.80	10,617.20
4.1.2.3.7	Outer shower footing	349.00	Kg	3.80	1,326.20
4.1.2.4	shuttering; all in accordance with the drawings and specification				
4.1.2.4.1	To sides of lagoon walls	3,575.00	m ²	75.00	268,125.00
4.1.2.4.2	To sides of strip footing	640.00	m ²	75.00	48,000.00
4.1.2.4.3	To sides of floating steps	42.00	m ²	75.00	3,150.00
4.1.2.4.4	To sides of outer shower footing	18.00	m ²	75.00	1,350.00
4.1.3	masonry				
4.1.3.1	Solid block, bedded and jointed in cement and sand mortar including stiffener columns and beams, all necessary fixings and fittings; all in accordance with the drawings and specification				
4.1.3.1.1	200mm thick wall, to sub-structural works	1,787.00	m ²	116.00	207,292.00
4.1.4	thermal & moisture protection				
4.1.4.1	Approved waterproofing including all preparation works; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
4.1.4.1.1	to horizontal surfaces	2,249.00	m ²	50.00	112,450.00
4.1.4.1.2	to vertical surfaces	2,477.00	m ²	50.00	123,850.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
4.1.4.2	Polythene sheet, 1000 gauge; all in accordance with the drawings and specification				
4.1.4.2.1	Beneath Slab on Grade	3,856.00	m ²	5.00	19,280.00
4.1.4.3	Non woven geotextiles membrane; all in accordance with the drawings and specification				
4.1.4.3.1	to horizontal surfaces	267.00	m ²	10.00	2,670.00
4.1.4.3.2	to vertical surfaces	1,787.00	m ²	10.00	17,870.00
4.1.4.4	Geotextiles membrane 1000GA; all in accordance with the drawings and specification				
4.1.4.4.1	to horizontal surfaces	12,125.00	m ²	10.00	121,250.00
4.1.4.5	Protection board; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
4.1.4.5.1	to vertical surfaces	2,477.00	m ²	25.00	61,925.00
4.1.4.6	50mm thick Protection screed; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
4.1.4.6.1	to horizontal surfaces	2,105.00	m ²	25.00	52,625.00
4.1.4.7	Geotextiles protection to water proofing; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
4.1.4.7.1	To Costa (outdoor shower)				
4.1.4.7.1.1	to horizontal surfaces	10.00	m ²	10.00	100.00
4.1.4.7.1.2	to vertical surfaces	10.00	m ²	10.00	100.00
4.1.5	LAGOON LINER				
4.1.5.1	Lagoon liner including all layers, all necessary fixings, and accessories, complete; all in accordance with the drawings and specification				
4.1.5.1.1	To lagoon horizontally	3,556.00	m ²	40.00	142,240.00
4.1.5.1.2	To lagoon vertically	2,238.00	m ²	40.00	89,520.00
4.1.6	HDPE LINER FINISH				
4.1.6.1	Supply and lay, texture HDPE liner, complete, all in accordance with the drawings and specification				
4.1.6.1.1	To lagoon horizontally, 1.5mm thick	10,746.00	m ²	40.00	429,840.00
4.1.6.1.2	To lagoon vertically, 1.5mm thick	723.00	m ²	40.00	28,920.00
4.1.7	wall finish				
4.1.7.1	Supply and lay, primer prior to cementitious glue including aluminium stopper/ angle anchord to concrete, HDPE T lock complete, all in accordance with the drawings and specification				
4.1.7.1.1	2 coats to lake walls	244.00	m ²	40.00	9,760.00
4.1.8	aluminum flashing				
4.1.8.1	Supply and instal aluminium flashing complete, all in accordance with the drawings and specification				
4.1.8.1.1	Along side of wall	127.00	m	255.00	32,385.00
4.1.8.2	signage				
4.1.8.2.1	Supply and installation of signage including all necessary fittings and fixing accessories, complete; all in accordance with the drawings and specification				
4.1.8.2.1.1	Water depth signage	1.00	Item	21,799.20	21,799.20
4.2	COSTA BRAVA SITE				
4.2.1	mechanical engineering installation				
4.2.1.1	Water System				
4.2.1.1.1	PIPE WORKS				
4.2.1.1.1.1	Supply and installation of uPVC Class E pipes including necessary insulation, fittings, supports and accessories; all in accordance with the drawings and specification				
4.2.1.1.1.1.1	25mm diameter	6.00	m	30.00	180.00
4.2.1.1.1.1.2	33mm diameter	2,734.00	m	39.00	106,626.00
4.2.1.1.1.1.3	75mm diameter	891.00	m	53.00	47,223.00
4.2.1.1.1.1.4	90mm diameter	98.00	m	56.00	5,488.00
4.2.1.1.1.1.5	110mm diameter	380.00	m	72.00	27,360.00
4.2.1.1.1.1.6	160mm diameter	2,009.00	m	121.00	243,089.00
4.2.1.1.1.1.7	200mm diameter	4,940.00	m	168.00	829,920.00
4.2.1.1.1.1.8	250mm diameter	3,911.00	m	249.00	973,839.00
4.2.1.1.1.1.9	315mm diameter	120.00	m	567.00	68,040.00
4.2.1.1.2	valves and accessories				
4.2.1.1.2.1	Supply and installation of valves and accessories for plumbing piping all in accordance with the drawings and specification				
4.2.1.1.2.1.1	Ref. FI, Floor inlet	137.00	No	220.00	30,140.00
4.2.1.1.2.1.2	Ref. MD, Main drain	18.00	No	1,370.00	24,660.00
4.2.1.1.2.1.3	Ref. VP, Vacuum point	23.00	No	210.00	4,830.00
4.2.1.1.2.1.4	Ref. WI, Wall inlet	29.00	No	960.00	27,840.00
4.2.1.1.2.1.5	Ref. MWP, Make-up water point	3.00	No	Included to BOQ Item 4.2.1.1.2.1.8	
4.2.1.1.2.1.6	Ref. SK, Skimmer fittings	75.00	No	710.00	53,250.00
4.2.1.1.2.1.7	Ref. WLS, Water level sensor	3.00	No	500.00	1,500.00
4.2.1.1.2.1.8	Ref. BP, Balancing point	3.00	No	500.00	1,500.00
4.2.1.1.2.2	Ball valve (BV)				
4.2.1.1.2.2.1	25mm diameter	1.00	No	45.00	45.00
4.2.1.1.2.2.2	63mm diameter	6.00	No	108.00	648.00
4.2.1.1.2.2.3	75mm diameter	3.00	No	294.00	882.00
4.2.1.1.2.2.4	350mm diameter	1.00	No	6,167.00	6,167.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
4.2.1.1.2.2.5	400mm diameter	1.00	No	8,374.00	8,374.00
4.2.1.1.2.2.6	450mm diameter	1.00	No	10,581.00	10,581.00
4.2.1.1.2.2.7	600mm diameter	1.00	No	17,202.00	17,202.00
4.2.1.1.2.3	Butterfly fly valve (BFV)				
4.2.1.1.2.3.1	110mm diameter	1.00	No	602.00	602.00
4.2.1.1.2.3.2	200mm diameter	9.00	No	1,188.00	10,692.00
4.2.1.1.2.3.3	350mm diameter	3.00	No	6,167.00	18,501.00
4.2.1.1.2.3.4	400mm diameter	7.00	No	8,374.00	58,618.00
4.2.1.1.2.3.5	450mm diameter	6.00	No	10,581.00	63,486.00
4.2.1.1.2.3.6	550mm diameter	6.00	No	14,995.00	89,970.00
4.2.1.1.2.3.7	600mm diameter	3.00	No	17,202.00	51,606.00
4.2.1.1.2.4	Solenoid valve (SV)				
4.2.1.1.2.4.1	63mm diameter	3.00	No	1,111.00	3,333.00
4.2.1.1.2.4.2	75mm diameter	1.00	No	1,411.00	1,411.00
4.2.1.1.2.5	Bibcock (BC)				
4.2.1.1.2.5.1	25mm diameter	1.00	No	45.00	45.00
4.2.1.1.3	equipment				
4.2.1.1.3.1	Supply and installation of Pumps set including pressure vessel, fittings, accessories, valves, controllers, supports, pipe and electrical connections; all in accordance with the drawings and specification				
4.2.1.1.3.1.1	Ref. FP, Filtration pump, 300m3/hr @ 15m head (2 Duty, 1 standby) - NBC	1.00	Set	207,000.00	207,000.00
4.2.1.1.3.1.2	Ref. FP, Filtration pump, 200m3/hr @ 22m head (2 Duty, 1 standby) - CBC	1.00	Set	174,000.00	174,000.00
4.2.1.1.3.1.3	Ref. FP, Filtration pump, 420m3/hr @ 16.5m head (3 Duty, 1 standby) - PB	1.00	Set	292,000.00	292,000.00
4.2.1.1.3.1.4	Ref. DP-AS, Chemical dosing pump for alum sulphate- 10LPH @ 10 bar & 15 LPH @ 5 bar	1.00	No	5,000.00	5,000.00
4.2.1.1.3.1.5	Ref. DP-AS, Chemical dosing pump for alum sulphate- 10LPH @ 10 bar & 10 LPH @ 5 bar	1.00	No	5,000.00	5,000.00
4.2.1.1.3.1.6	Ref. DP-AS, Chemical dosing pump for alum sulphate- 10LPH @ 10 bar & 10 LPH & 15 LPH @ 5 bar	1.00	No	5,000.00	5,000.00
4.2.1.1.3.1.7	Ref. DP-CL, Chemical dosing pump for chlorine @ 60L/hr	4.00	No	7,200.00	28,800.00
4.2.1.1.3.1.8	Ref. DP-CL, Chemical dosing pump for chlorine @ 80L/hr	3.00	No	7,400.00	22,200.00
4.2.1.1.3.1.9	Ref. DP-PH, Chemical dosing pump for PH @ 50L/hr	2.00	No	7,200.00	14,400.00
4.2.1.1.3.1.10	Ref. DP-PH, Chemical dosing pump for PH @ 60L/hr	2.00	No	7,200.00	14,400.00
4.2.1.1.3.1.11	Ref. DP-PH, Chemical dosing pump for PH @ 80L/hr	3.00	No	7,400.00	22,200.00
4.2.1.1.3.2	Supply and installation of chemical tanks including fittings, accessories, valves, controllers, supports, pipe and electrical connections; all in accordance with the drawings and specification				
4.2.1.1.3.2.1	Ref. CT-PH, 500L chemical tank for PH Note: CT-PH, 1000L chemical tank for PH for North Beach Cove -1 no. CT-PH, 500L chemical tank for PH for Central Beach Cove -1 no.	2.00	No	7,300.00	14,600.00
4.2.1.1.3.2.2	Ref. CT-PH, 1000L chemical tank for PH	3.00	No	8,800.00	26,400.00
4.2.1.1.3.2.3	Ref. CT-AS, 500L chemical tank for alum sulphate	2.00	No	5,800.00	11,600.00
4.2.1.1.3.2.4	Ref. CT-AS, 1000L chemical tank for alum sulphate	1.00	No	8,800.00	8,800.00
4.2.1.1.3.2.5	Ref. CT-CL, 500L chemical tank for chlorine	2.00	No	5,800.00	11,600.00
4.2.1.1.3.2.6	Ref. CT-CL, 1000L chemical tank for chlorine	1.00	No	8,800.00	8,800.00
4.2.1.1.3.3	Supply and installation of Sand filter including fittings, accessories, valves, controllers, supports, pipe and electrical connections; all in accordance with the drawings and specification				
4.2.1.1.3.3.1	Ref. SF, Horizontal sand filter 326m3/hr @ 40m3/hr/m2 filtration velocity 2000mm dia. 4500mm (L)	2.00	No	200,000.00	400,000.00
4.2.1.1.3.3.2	Ref. SF, Horizontal sand filter 216m3/hr @ 40m3/hr/m2 filtration velocity 1800mm dia. 3500mm (L)	2.00	No	120,000.00	240,000.00
4.2.1.1.3.3.3	Ref. SF, Horizontal sand filter 416m3/hr @ 40m3/hr/m2 filtration velocity 2300mm dia. 5000mm (L)	3.00	No	244,000.00	732,000.00
4.2.1.1.3.4	Supply and installation of Ultra violet system including fittings, accessories, valves, controllers, supports, pipe and electrical connections; all in accordance with the drawings and specification				
4.2.1.1.3.4.1	Ref. UV, Ultra violet disinfection system 300m3/hr @ 60mJ/cm2	7.00	No	76,950.00	538,650.00
4.3	additional items				
4.3.1	the tenderer is to list here below any additional items, shown on the drawings mentioned in the specifications or required for the satisfactory completion of this section but not mentioned herein, any items not listed below shall be deemed to be included.				
4.3.1.1	1) Chemical Controllers for 3 Filtration Systems (North Cove, Central Cove, Private Beach) Note: This includes supply, installation, calibration, interface with the dosing pump and chemical tanks, and testing and commissioning of the chemical controllers.	3.00	No	22,400.00	67,200.00
4.3.1.2	2) Maintenance equipment, including vacuum head, vacuum hose, brushes, leaf skimmers, telescopic handles, thermometer & manual test kit	3.00	Set	5,000.00	15,000.00
4.3.1.3	3) Electrical conduit and wiring/cabling for electrical equipment & accessories to panel board. Note: This includes supply, installation, testing and commissioning of electrical control panel c/w ELCBs, (to IP-54) MCBS O/L relays for pumps, auto/preset (on timer) and hand controls for equipment, and electrical conduit, wiring/cabling, cable tray for electrical accessories to panel board.	1.00	LS	470,000.00	470,000.00
4.3.1.4	4)	0.00	Item	-	-
4.3.1.5	5)	0.00	Item	-	-
4.3.1.6	6)	0.00	Item	-	-
4.3.1.7	7)	0.00	Item	-	-
4.3.1.8	8)	0.00	Item	-	-
4.3.1.9	9)	0.00	Item	-	-
4.3.1.10	10)	0.00	Item	-	-
TOTAL AMOUNT FOR BILL NO. 4 - POOL, LAKE & BEACHES					9,964,948.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
5	BILL NO. 5 - TOILET BLOCK				
5.1	site work				
5.1.1	excavation				
5.1.1.1	Bulk excavation in any kind of soil, rock, etc., complete; all in accordance with the drawings and specification				
5.1.1.1.1	To Costa	123.00	m³	10.00	1,230.00
5.1.2	backfilling				
5.1.2.1	Backfill with approved material where required by the Engineer, complete; all in accordance with the drawings and specification				
5.1.2.1.1	To Costa	32.00	m³	10.00	320.00
5.1.2.2	Compacted road base layer, 250mm thick, complete; all in accordance with the drawings and specification				
5.1.2.2.1	To Costa	20.00	m²	28.00	560.00
5.1.2.3	Compacted hardcore layer, 250mm thick, complete; all in accordance with the drawings and specification				
5.1.2.3.1	To Costa	75.00	m²	27.00	2,025.00
5.1.3	Top Soil Compaction				
5.1.3.1	Allow for necessary soil compaction, to top of excavation				
5.1.3.1.1	To Costa	95.00	m²	3.00	285.00
5.1.4	anti-termite treatment				
5.1.4.1	Anti-termite treatment to form chemical barrier, including all necessary related works and guarantees				
5.1.4.1.1	To Costa				
5.1.4.1.1.1	to horizontal surfaces	95.00	m²	6.00	570.00
5.1.4.1.1.2	to vertical surfaces	174.00	m²	6.00	1,044.00
5.2	concrete work				
5.2.1	Plain concrete, grade C20/25; all in accordance with the drawings and specification				
5.2.1.1	To Costa				
5.2.1.1.1	50mm thick blinding concrete	13.00	m³	490.00	6,370.00
5.2.2	Reinforced insitu concrete, grade C32/40 (reinforcement & shuttering measured separately); all in accordance with the drawings and specification				
5.2.2.1	To Costa				
5.2.2.1.1	isolated footing	7.00	m³	385.00	2,695.00
5.2.2.1.2	Column pedestal	1.00	m³	385.00	385.00
5.2.2.1.3	slab on grade	9.00	m³	385.00	3,465.00
5.2.2.1.4	ground beams	5.00	m³	385.00	1,925.00
5.2.3	Reinforced in situ concrete with a cylinder strength of 40 Mpa with waterproof admixture to water tanks; all in accordance with the drawings and specifications				
5.2.3.1	To Costa				
5.2.3.1.1	Raft Slab, 300mm thick to water tank	5.00	m³	462.00	2,310.00
5.2.3.1.2	Suspended Slab, 200mm thick to water tank	4.00	m³	462.00	1,848.00
5.2.3.1.3	Walls, 250mm thick to water tank	14.00	m³	462.00	6,468.00
5.2.4	High yield steel bar reinforcement with yield strength of 420N/mm²; all in accordance with the drawings and specification				
5.2.4.1	To Costa				
5.2.4.1.1	raft slab	395.00	Kg	3.80	1,501.00
5.2.4.1.2	isolated footing	358.00	Kg	3.80	1,360.40
5.2.4.1.3	Column pedestal	469.00	Kg	3.80	1,782.20
5.2.4.1.4	walls	1,021.00	Kg	3.80	3,879.80
5.2.4.1.5	suspended slab	314.00	Kg	3.80	1,193.20
5.2.4.1.6	ground beams	1,281.00	Kg	3.80	4,867.80
5.2.5	Fabric Mesh reinforcement; with all in accordance with the drawings and specification				
5.2.5.1	To Costa				
5.2.5.1.1	To Slab on Grade, A393	75.00	m²	23.00	1,725.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
5.2.6	shuttering; all in accordance with the drawings and specification				
5.2.6.1	To Costa				
5.2.6.1.1	To sides of raft	7.00	m ²	75.00	525.00
5.2.6.1.2	To sides of footing	30.00	m ²	75.00	2,250.00
5.2.6.1.3	to sides of walls	124.00	m ²	75.00	9,300.00
5.2.6.1.4	to sides and soffit of suspended slab	22.00	m ²	75.00	1,650.00
5.2.6.1.5	To sides of pedestals	14.00	m ²	75.00	1,050.00
5.2.6.1.6	To sides of ground beams	49.00	m ²	75.00	3,675.00
5.2.7	Water stop; all in accordance with the drawings and specification				
5.2.7.1	To Costa				
5.2.7.1.1	to water tank	22.00	m	27.00	594.00
5.3	metalwork				
5.3.1	Fabrication and installation of steel structure including beams, rafters, columns, perforated steel sheets, welding / bolt connections, connection and base plates, fire protection, grouting, corrosion protection and finish coatings, thermal insulation, complete; all in accordance with the drawings and specification				
5.3.1.1	To Costa				
5.3.1.1.1	To columns, SHHF 100X100X8	2,148.00	Kg	3.80	8,162.40
5.3.1.1.2	To beams, RHHF 150X100X10	1,709.00	Kg	3.80	6,494.20
5.3.1.1.3	To beams, RHHF 150X100X08	1,699.00	Kg	3.80	6,456.20
5.3.1.1.4	To beams, SHHF 150X150X08	555.00	Kg	3.80	2,109.00
5.3.2	Steel access ladder including safety cage, all fitting and fixing accessories, complete; all in accordance with the drawings and specification				
5.3.2.1	To Costa				
5.3.2.1.1	6210mm high	4.00	No	7,800.00	31,200.00
5.4	WOOD, PLASTIC AND COMPOSITES				
5.4.1	GRP lining, to water tanks; all in accordance with the drawings and specification				
5.4.1.1	To Costa Brava	73.00	m ²	110.00	8,030.00
5.5	thermal & moisture protection				
5.5.1	Approved waterproofing including all preparation works; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
5.5.1.1	To Costa				
5.5.1.1.1	to horizontal surfaces	84.00	m ²	50.00	4,200.00
5.5.1.1.2	to vertical surfaces	160.00	m ²	50.00	8,000.00
5.5.2	Polythene sheet, 1000 gauge; all in accordance with the drawings and specification				
5.5.2.1	To Costa				
5.5.2.1.1	Beneath Slab on Grade	150.00	m ²	5.00	750.00
5.5.3	Geotextiles protection to water proofing; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
5.5.3.1	To Costa				
5.5.3.1.1	to horizontal surfaces	98.00	m ²	10.00	980.00
5.5.3.1.2	to vertical surfaces	93.00	m ²	10.00	930.00
5.5.4	Protection board; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
5.5.4.1	To Costa				
5.5.4.1.1	to vertical surfaces	160.00	m ²	25.00	4,000.00
5.5.5	50mm thick Protection screed; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
5.5.5.1	To Costa				
5.5.5.1.1	to horizontal surfaces	67.00	m ²	30.00	2,010.00
5.5.6	Approved waterproofing system to wet area, complete; all in accordance with the drawings and specification				
5.5.6.1	To Costa				
5.5.6.1.1	to horizontal surfaces	55.00	m ²	50.00	2,750.00
5.5.6.1.2	To vertical surfaces, 300mm high	77.00	m	50.00	3,850.00
5.5.6.1.3	To vertical surfaces, 1200mm high	14.00	m	50.00	700.00
5.6	roofing system				
5.6.1	Combo roofing system, complete; all in accordance with the drawings and specification				
5.6.1.1	To Costa				
5.6.1.1.1	horizontally	68.00	m ²	130.00	8,840.00
5.6.1.1.2	vertically, 300mm high	55.00	m	40.00	2,200.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
5.7	doors and windows				
5.7.1	PVC doors, including frames, fixings, fittings, glass panel (if required), accessories, painting, hardware and all associated works; complete; all in accordance with the drawings and specification				
5.7.1.1	non-fire rated				
5.7.1.1.1	Single leaf, size 700mm W x 2200mm H	16.00	No	2,160.00	34,560.00
5.7.1.1.2	Single leaf, size 1050mm W x 2200mm H				
5.7.1.2.1	To Costa Brava	4.00	No	2,160.00	8,640.00
5.7.1.3	Single leaf, size 1150mm W x 2200mm H				
5.7.1.3.1	To Costa Brava	2.00	No	2,310.00	4,620.00
5.7.2	Access hatch including supports, hardware, removable insect screen, all fixtures and accessories, complete; all in accordance with the drawings and specification				
5.7.2.1	To water tank size: 600mmx800mm				
5.7.2.1.1	To Costa Brava	2.00	No	2,160.00	4,320.00
5.7.3	PVC sliding windows including frames, sub frames, all necessary fixings, fittings, complete with finishes and all associated works; all in accordance with the drawings and specification				
5.7.3.1	Ref. W-01, size 2100mm W x 580mm H				
5.7.3.1.1	To Costa Brava	4.00	No	1,060.00	4,240.00
5.7.3.2	Ref. W-02, size 950mm W x 580mm H				
5.7.3.2.1	To Costa Brava	4.00	No	870.00	3,480.00
5.8	internal finishes				
5.8.1	floor finishes				
5.8.1.1	cement and sand screed to concrete slab to receive floor finishes (finishes measured separately); all in accordance with the drawings and specification				
5.8.1.1.1	To floors, to receive epoxy				
5.8.1.1.1.1	To Costa Brava	25.00	m ²	30.00	750.00
5.8.1.1.2	To floors, to receive tiles				
5.8.1.1.2.1	To Costa Brava	64.00	m ²	30.00	1,920.00
5.8.1.2	Ceramic floor tiles fixed with adhesive on sand cement screed (screed measured separately), grout to match tile and accessories, complete; all in accordance with the drawing and specification				
5.8.1.2.1	Size 600x600x10mm thick				
5.8.1.2.1.1	To Costa Brava	64.00	m ²	149.00	9,536.00
5.8.1.3	epoxy floor coating on screed (screed measured separately); all in accordance with the drawings and specification				
5.8.1.3.1	to floor				
5.8.1.3.1.1	To Costa Brava	25.00	m ²	136.50	3,412.50
5.8.2	threshold				
5.8.2.1	Threshold including cutting, fixing fittings and grouting on and including adhesive and other accessories; all in accordance with the drawings and specification				
5.8.2.1.1	Ceramic threshold; 100mm wide				
5.8.2.1.1.1	To Costa Brava	6.00	m	15.00	90.00
5.8.3	wall finishes				
5.8.3.1	Walls tiles including background preparation backing, adhesive, grout to match tile and accessories, complete; all in accordance with the drawings and specification				
5.8.3.1.1	Ceramic tiles size; 600x600x10mm thick				
5.8.3.1.1.1	To Costa Brava	388.00	m ²	149.00	57,812.00
5.8.4	ceiling finishes				
5.8.4.1	Aluminium tile ceiling including all necessary suspension and support framing, fittings and fixing accessories; all in accordance with the drawings and specification				
5.8.4.1.1	Size; 600x600mm				
5.8.4.1.1.1	To Costa Brava	64.00	m ²	80.00	5,120.00
5.9	external finishes				
5.9.1	wall finishes				
5.9.1.1	Paint finish to wall; complete; all in accordance with the drawings and specification				
5.9.1.1.1	to external walls				
5.9.1.1.1.1	To Costa Brava	390.00	m ²	38.00	14,820.00
5.10	partitions				
5.10.1	Drywall comprising of 90mm thick rockwool insulation between fibber cement boards 9mm thick; complete with all associated works; all in accordance with the drawings and specification				
5.10.1.1	internally				
5.10.1.1.1	Ref.W4				
5.10.1.1.1.1	To Costa Brava	127.00	m ²	260.00	33,020.00
5.10.1.2	externally				
5.10.1.2.1	Ref.W1, to screen				
5.10.1.2.1.1	To Costa Brava	55.00	m ²	260.00	14,300.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
5.10.1.2.2	Ref.W2, to parapet				
5.10.1.2.2.1	To Costa Brava	100.00	m ²	260.00	26,000.00
5.10.1.2.3	Ref.W3				
5.10.1.2.3.1	To Costa Brava	161.00	m ²	310.00	49,910.00
5.11	TOILET ACESSORIES				
5.11.1	Mirrors, size 2100x1050mm	8.00	No	3,850.00	30,800.00
5.11.2	Marble Vanity, size 600x2300x185.5mm	4.00	No	11,200.00	44,800.00
5.11.3	robe hook	8.00	No	110.00	880.00
5.11.4	Waste bin	14.00	No	500.00	7,000.00
5.11.5	toilet paper holder	10.00	No	160.00	1,600.00
5.11.6	hand dryer	10.00	No	1,880.00	18,800.00
5.11.7	soap dispenser	10.00	No	1,350.00	13,500.00
5.11.8	paper holder	6.00	No	1,240.00	7,440.00
5.11.9	Grab Bar Wall Mounted, 760mm length	4.00	No	1,560.00	6,240.00
5.11.10	Grab Bar Wall Mounted, 635mm length	2.00	No	620.00	1,240.00
5.12	mechanical engineering installation				
5.12.1	DOMESTIC COLD AND HOT WATER SYSTEM				
5.12.1.1	Underground pipes				
5.12.1.1.1	Cold Water Pipes				
5.12.1.1.1.1	Supply and installation of uPVC class E pipes including necessary insulation, fittings, excavation & backfilling, concrete works, supports and accessories; all in accordance with the drawings and specification				
5.12.1.1.1.1.1	25mm diameter	6.00	m	44.00	264.00
5.12.1.1.1.1.2	32mm diameter	5.00	m	45.00	225.00
5.12.1.1.1.1.3	40mm diameter	7.00	m	48.00	336.00
5.12.1.1.1.2	Above ground pipes				
5.12.1.1.1.2.1	Supply and installation of uPVC Class E pipes including necessary insulation, fittings, supports and accessories; all in accordance with the drawings and specification				
5.12.1.1.1.2.1.1	20mm diameter	29.00	m	16.00	464.00
5.12.1.1.1.2.1.2	25mm diameter	7.00	m	17.00	119.00
5.12.1.1.1.2.1.3	32mm diameter	17.00	m	18.00	306.00
5.12.1.1.1.2.1.4	40mm diameter	2.00	m	21.00	42.00
5.12.1.1.1.3	Cold & Hot Water Pipes				
5.12.1.1.1.3.1	Supply and installation of PEX pipes including fittings, accessories, hangers and support; all in accordance with the drawings and specification				
5.12.1.1.1.3.1.1	15mm diameter	101.00	m	43.00	4,343.00
5.12.1.1.1.4	valves and accessories				
5.12.1.1.1.4.1	Supply and installation of valves and accessories for plumbing piping all in accordance with the drawings and specification				
5.12.1.1.1.4.1.1	Isolation Valves (IV)				
5.12.1.1.1.4.1.1.1	25mm diameter	4.00	No	180.00	720.00
5.12.1.1.1.4.1.1.2	32mm diameter	4.00	No	210.00	840.00
5.12.1.1.1.4.1.1.3	40mm diameter	2.00	No	270.00	540.00
5.12.1.1.1.4.1.2	Delayed Action Float Valve				
5.12.1.1.1.4.1.2.1	25mm diameter	2.00	No	170.00	340.00
5.12.1.1.1.4.1.3	Water Hammer Arrestor (WHA)				
5.12.1.1.1.4.1.3.1	20mm diameter	6.00	No	250.00	1,500.00
5.12.1.1.1.4.1.4	Gooseneck with insect screen				
5.12.1.1.1.4.1.4.1	82mm diameter	2.00	No	760.00	1,520.00
5.12.1.1.5	equipment				
5.12.1.1.5.1	Supply and installation of cold water booster pump set including pressure vessel, fittings, accessories, valves, controllers, supports, pipe and electrical connections; all in accordance with the drawings and specification				
5.12.1.1.5.1.1	Ref. BP-01, Booster pump, 1.5L/s, (1 Duty, 1 Standby), 1.3kW	1.00	Set	11,540.00	11,540.00
5.13	drainage system				

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
5.13.1	PIPE WORKS				
5.13.1.1	Supply and installation of soil, waste, vent and rain water below ground uPVC BS 4660 drainage pipes including fittings, accessories, excavation, backfilling, disposal, concrete works, support and complete; all in accordance with the drawings and specification				
5.13.1.1.1	32mm diameter	3.00	m	36.00	108.00
5.13.1.1.2	82mm diameter	22.00	m	47.00	1,034.00
5.13.1.1.3	110mm diameter	64.00	m	53.00	3,392.00
5.13.1.2	Supply and installation of soil, waste, vent and rain water above ground uPVC BS 4514 drainage pipes including fittings, accessories, support and complete; all in accordance with the drawings and specification				
5.13.1.2.1	82mm diameter	52.00	m	25.00	1,300.00
5.13.1.3	Supply and installation of waste above ground uPVC BS 5255 drainage pipes including fittings, accessories, support and complete; all in accordance with the drawings and specification				
5.13.1.3.1	25mm diameter	26.00	m	17.00	442.00
5.13.1.3.2	32mm diameter	2.00	m	18.00	36.00
5.13.1.3.3	Supply and installation of acoustical insulation including necessary fittings and accessories, complete; all in accordance with the drawings and specification	1.00	Item	19,000.00	19,000.00
5.13.2	Sanitary Specialties				
5.13.2.1	Supply and installation of sanitary specialties for drainage system; all in accordance with the drawings and specification				
5.13.2.1.1	Ref. FD, Floor Drain	14.00	No	165.00	2,310.00
5.13.2.1.2	Ref. FCO, Floor clean out	8.00	No	165.00	1,320.00
5.13.2.1.3	Vent cowl, 110mm diameter	6.00	No	20.00	120.00
5.13.2.1.4	Scupper drain	2.00	No	145.00	290.00
5.13.2.2	Manholes, chambers, sump pit, gully trap, sand trap, with covers or grating including excavation, backfilling, disposal, concrete, water proofing, GRP lining; all in accordance with the drawings and specification				
5.13.2.2.1	Ref. MH-01, Manhole, 600mm x 600mm x 600mm	2.00	No	2,880.00	5,760.00
5.13.2.2.2	Ref. GT, 450mm x 450mm, Gully trap	2.00	No	2,370.00	4,740.00
5.13.3	sanitary fixtures				
5.13.3.1	Install only of sanitary fixtures complete with necessary plumbing accessories angle valves, stops, drains, strainers, tailpieces, P/S-traps and bolt caps; all in accordance with the drawings and specification				
5.13.3.1.1	WC, Water closet	8.00	No	1,600.00	12,800.00
5.13.3.1.2	WC, Handicap water closet	2.00	No	700.00	1,400.00
5.13.3.1.3	Undercounter wash basin	8.00	No	100.00	800.00
5.13.3.1.4	Handicap wash basin	2.00	No	300.00	600.00
5.13.3.1.5	hose pipe	10.00	No	100.00	1,000.00
5.14	hvac system				
5.14.1	equipment				
5.14.1.1	Supply & Installation of Split units including outdoor condensing unit, refrigerant pipes, thermostat, electrical requirements, fixing and fitting complete; all in accordance with the drawings and specification				
5.14.1.1.1	IU/OU-L00-01, 4.52kW	4.00	Set	5,700.00	22,800.00
5.14.1.2	Supply & Installation of Fans including electrical requirements, fixing and fitting complete; all in accordance with the drawings and specification				
5.14.1.2.1	GEF-LOB-01, Exhaust fan, 35L/s, 0.025kW	10.00	No	700.00	7,000.00
5.15	fire fighting system				
5.15.1	fire protection specialties				
5.15.1.1	Supply and installation of fire protection specialties complete with accessories, including supports all in accordance with the drawings and specification				
5.15.1.1.1	4kg CO2 Fire Extinguisher	4.00	No	250.00	1,000.00
5.16	electrical engineering installation				
5.16.1	ELECTRICAL SERVICE DISTRIBUTION				
5.16.1.1	distribution boards				
5.16.1.1.1	Supply, install and connect distribution board including circuit breakers and all necessary accessories required to fix the boards; all in accordance with the drawings and specification				
5.16.1.1.1.1	DB-N	2.00	No	3,400.00	6,800.00
5.16.1.2	isolators				
5.16.1.2.1	Supply, install and connect isolators including necessary accessories in accordance with the drawings and specification				
5.16.1.2.1.1	20A SP isolator for booster pump control panel. (W/P)	2.00	No	100.00	200.00
5.16.1.2.1.2	20A SP isolator for outdoor unit. (W/P)	4.00	No	100.00	400.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
5.16.1.2.2	Cable and conduit to the following isolators and all accessories; all in accordance with the drawings and specification				
5.16.1.2.1	20A SP isolator for booster pump control panel. (W/P)	2.00	No	100.00	200.00
5.16.1.2.2	20A SP isolator for outdoor unit. (W/P)	4.00	No	100.00	400.00
5.17	SMALL POWER INSTALLATION				
5.17.1	Supply, install, connect, test and commission the following power socket outlets including plates and boxes; all in accordance with the drawings and specification				
5.17.1.1	13A, Unswitched spur outlet with neon indicator for exhaust fan	10.00	No	175.00	1,750.00
5.17.1.2	13A Single socket outlet weather proof	8.00	No	175.00	1,400.00
5.17.1.3	Connection unit for hand dryer	6.00	No	400.00	2,400.00
5.17.1.4	Connection unit for indoor unit	4.00	No	400.00	1,600.00
5.17.1.5	Connection unit for FACP	2.00	No	400.00	800.00
5.17.1.6	13A, Unswitched spur outlet with neon indicator for DAC	2.00	No	175.00	350.00
5.17.1.7	One gang, one way switch for exhaust fan. (W/P)	6.00	No	175.00	1,050.00
5.17.2	Cable and conduits from distribution boards to termination points complete in concealed installation; all in accordance with the drawings and specification				
5.17.2.1	13A, Unswitched spur outlet with neon indicator for exhaust fan	10.00	No		
5.17.2.2	13A Single socket outlet weather proof	8.00	No		
5.17.2.3	Connection unit for hand dryer	6.00	No		
5.17.2.4	Connection unit for indoor unit	4.00	No		
5.17.2.5	Connection unit for FACP	2.00	No		
5.17.2.6	13A, Unswitched spur outlet with neon indicator for DAC	2.00	No		
5.17.2.7	One gang, one way switch for exhaust fan. (W/P)	6.00	No		
5.18	LIGHTING AND BRANCH CABLE AND CONDUIT				
5.18.1	lighting installation				
5.18.1.1	Supply and installation of following light fittings and including all necessary accessories; all in accordance with the drawings and specification				
5.18.1.1.1	IL04, 20W Ceiling recessed LED downlight, 3000k. IP44	40.00	No	210.00	8,400.00
5.18.1.1.2	IL05, 9W Ceiling recessed LED spotlight, 3000k. IP54	5.00	No	180.00	900.00
5.18.1.1.3	L3, 14W wall mounted LED fixture controlled by timer. IP65	12.00	No	230.00	2,760.00
5.18.1.2	Supply and installation of the following light switches including plates and boxes; all in accordance with the drawings and specification				
5.18.1.2.1	3 Gang, one way switch. (W/P)	4.00	No	100.00	400.00
5.18.1.2.2	Stand alone motion sensor	2.00	No	230.00	460.00
5.18.1.3	Cable and conduits from distribution boards to termination points complete in concealed installation; all in accordance with the drawings and specification				
5.18.1.3.1	lighting points	57.00	No	400.00	22,800.00
5.18.1.3.2	switch points	6.00	No	400.00	2,400.00
5.19	telecommunication system				
5.19.1	Analogue addressable fire alarm and Voice evacuation System				
5.19.1.1	Supply, install, connect, test and commission the following equipment and accessories; all in accordance with the drawings and specification				
5.19.1.1.1	addressable heat detector with built in isolator base	4.00	No	120.00	480.00
5.19.1.1.2	flasher	2.00	No	210.00	420.00
5.19.1.1.3	Fire alarm wall mounted sounder with flasher	2.00	No	210.00	420.00
5.19.1.1.4	Fire alarm manual call point weather proof	4.00	No	360.00	1,440.00
5.19.1.1.5	Pull Cord	2.00	No	90.00	180.00
5.19.1.1.6	Rest button	2.00	No		Included in BOQ Item 5.19.1.1.7
5.19.1.1.7	Ref. FACP, Fire alarm control panel	2.00	No	2,600.00	5,200.00
5.19.1.2	Cables and conduit to the following equipment and all accessories; all in accordance with the drawings and specification				
5.19.1.2.1	addressable heat detector with built in isolator base	4.00	No		
5.19.1.2.2	flasher	2.00	No		
5.19.1.2.3	Fire alarm wall mounted sounder with flasher	2.00	No		
5.19.1.2.4	Fire alarm manual call point weather proof	4.00	No		
5.19.1.2.5	Rest button	2.00	No		
5.19.1.2.6	Ref. FACP, Fire alarm control panel	2.00	No		

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
5.20	OTHER ELECTRICAL SYSTEM				
5.20.1	emergency light				
5.20.1.1	Supply, install, connect, test and commission the following equipment and accessories; all in accordance with the drawings and specification				
5.20.1.1.1	emergency light	6.00	No	80.00	480.00
5.20.1.1.2	Emergency exit sign	4.00	No	80.00	320.00
5.20.1.2	Cables and conduit to the following equipment and all accessories; all in accordance with the drawings and specification				
5.20.1.2.1	emergency light	6.00	No		
5.20.1.2.2	Emergency exit sign	4.00	No		Included in BOQ Item 5.20.1
5.21	additional items				
5.21.1	the tenderer is to list here below any additional items, shown on the drawings mentioned in the specifications or required for the satisfactory completion of this section but not mentioned herein, any items not listed below shall be deemed to be included.				
5.21.1.1	(1)	0.00	Item		-
5.21.1.2	(2)	0.00	Item		-
5.21.1.3	(3)	0.00	Item		-
5.21.1.4	(4)	0.00	Item		-
5.21.1.5	(5)	0.00	Item		-
5.21.1.6	(6)	0.00	Item		-
5.21.1.7	(7)	0.00	Item		-
5.21.1.8	(8)	0.00	Item		-
5.21.1.9	(9)	0.00	Item		-
5.21.1.10	(10)	0.00	Item		-
TOTAL AMOUNT FOR BILL NO. 5 - TOILET BLOCK					752,126.70

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
6	BILL NO. 6 - PUMP ROOM				
6.1	site work				
6.1.1	excavation				
6.1.1.1	Bulk excavation in any kind of soil, rock, etc., complete; all in accordance with the drawings and specification				
6.1.1.1.1	To Costa	3,711.00	m³	10.00	37,110.00
6.1.2	backfilling				
6.1.2.1	Backfill with approved material where required by the Engineer, complete; all in accordance with the drawings and specification				
6.1.2.1.1	To Costa	57.00	m³	10.00	570.00
6.1.2.2	Compacted road base layer, 250mm thick, complete; all in accordance with the drawings and specification				
6.1.2.2.1	To Costa	647.00	m²	28.00	18,116.00
6.1.3	Top Soil Compaction				
6.1.3.1	Allow for necessary soil compaction, to top of excavation				
6.1.3.1.1	To Costa	647.00	m²	3.00	1,941.00
6.1.4	anti-termite treatment				
6.1.4.1	Anti-termite treatment to form chemical barrier, including all necessary related works and guarantees				
6.1.4.1.1	To Costa				
6.1.4.1.1.1	to horizontal surfaces	647.00	m²	6.00	3,882.00
6.1.4.1.1.2	to vertical surfaces	620.00	m²	6.00	3,720.00
6.2	concrete work				
6.2.1	SUBSTRUCTURAL WORK				
6.2.1.1	Plain concrete, grade C20/25; all in accordance with the drawings and specification				
6.2.1.1.1	To Costa				
6.2.1.1.1.1	50mm thick blinding concrete	32.00	m³	490.00	15,680.00
6.2.1.2	Reinforced insitu concrete, grade C32/40 (reinforcement & shuttering measured separately); all in accordance with the drawings and specification				
6.2.1.2.1	To Costa				
6.2.1.2.1.1	raft slab, 400mm thick	255.00	m³	385.00	98,175.00
6.2.1.2.1.2	columns	5.00	m³	385.00	1,925.00
6.2.1.2.1.3	walls, 400 mm thick	195.00	m³	385.00	75,075.00
6.2.1.2.1.4	staircase including landings	6.00	m³	385.00	2,310.00
6.2.1.2.1.5	MEP equipment base	74.00	m³	385.00	28,490.00
6.2.1.2.1.6	Sum pit walls, 400mm thick	2.00	m³	385.00	770.00
6.2.1.2.1.7	suspended slabs, 270mm thick	164.00	m³	385.00	63,140.00
6.2.1.2.1.8	beams	17.00	m³	385.00	6,545.00
6.2.1.3	High yield steel bar reinforcement with yield strength of 420N/mm²; all in accordance with the drawings and specification				
6.2.1.3.1	To Costa				
6.2.1.3.1.1	raft slab	25,552.00	Kg	3.80	97,097.60
6.2.1.3.1.2	columns	1,494.00	Kg	3.80	5,677.20
6.2.1.3.1.3	walls	19,339.00	Kg	3.80	73,488.20
6.2.1.3.1.4	staircase including landings	981.00	Kg	3.80	3,727.80
6.2.1.3.1.5	MEP equipment base	5,618.00	Kg	3.80	21,348.40
6.2.1.3.1.6	suspended slabs	20,379.00	Kg	3.80	77,440.20
6.2.1.3.1.7	beams	4,958.00	Kg	3.80	18,840.40
6.2.1.3.1.8	Sum pit walls	235.00	Kg	3.80	893.00
6.2.1.4	shuttering; all in accordance with the drawings and specification				
6.2.1.4.1	To Costa				
6.2.1.4.1.1	To sides of raft	42.00	m²	75.00	3,150.00
6.2.1.4.1.2	To sides of columns	50.00	m²	75.00	3,750.00
6.2.1.4.1.3	To sides of walls	976.00	m²	75.00	73,200.00
6.2.1.4.1.4	To sides of sump pit walls	8.00	m²	75.00	600.00
6.2.1.4.1.5	To sides and soffit of staircase including landings	38.00	m²	75.00	2,850.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
6.2.1.4.1.6	To sides of MEP equipment base	49.00	m ²	75.00	3,675.00
6.2.1.4.1.7	to sides and soffit of suspended slab	603.00	m ²	75.00	45,225.00
6.2.1.4.1.8	To sides of beams	94.00	m ²	75.00	7,050.00
6.2.1.5	Water stop; all in accordance with the drawings and specification				
6.2.1.5.1	To Costa, 250mm	209.00	m	27.00	5,643.00
6.2.2	SUPERSTRUCTURAL WORK				
6.2.2.1	Reinforced insitu concrete, grade C32/40 (reinforcement & shuttering measured separately); all in accordance with the drawings and specification				
6.2.2.1.1	columns	1.00	m ³	385.00	385.00
6.2.2.1.2	suspended slab, 150mm thick	2.00	m ³	385.00	770.00
6.2.2.1.3	beams	1.00	m ³	385.00	385.00
6.2.2.1.4	Upstands, 200mm thick	4.00	m ³	385.00	1,540.00
6.2.2.1.5	Upstands, 400mm thick	4.00	m ³	385.00	1,540.00
6.2.2.2	High yield steel bar reinforcement with yield strength of 420N/mm ² ; all in accordance with the drawings and specification				
6.2.2.2.1	column	288.00	Kg	3.80	1,094.40
6.2.2.2.2	suspended slabs	226.00	Kg	3.80	858.80
6.2.2.2.3	beams	195.00	Kg	3.80	741.00
6.2.2.2.4	upstands	844.00	Kg	3.80	3,207.20
6.2.2.3	shuttering; all in accordance with the drawings and specification				
6.2.2.3.1	to sides of columns	15.00	m ²	75.00	1,125.00
6.2.2.3.2	to sides and soffit of suspended slab	15.00	m ²	75.00	1,125.00
6.2.2.3.3	To sides of beams	10.00	m ²	75.00	750.00
6.2.2.3.4	to sides of upstands	59.00	m ²	75.00	4,425.00
6.3	masonry				
6.3.1	Solid block, bedded and jointed in cement and sand mortar including stiffener columns and beams, all necessary fixings and fittings; all in accordance with the drawings and specification				
6.3.1.1	To Costa				
6.3.1.1.1	100mm thick wall, to sub-structural works	5.00	m ²	111.00	555.00
6.3.2	Solid block including reinforcement anchorages, stiffener beams and columns, fire rating as required; all in accordance with the drawings and specification				
6.3.2.1	To Costa				
6.3.2.1.1	200mm thick	85.00	m ²	116.00	9,860.00
6.4	thermal & moisture protection				
6.4.1	Approved waterproofing including all preparation works; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
6.4.1.1	To Costa				
6.4.1.1.1	to horizontal surfaces	637.00	m ²	50.00	31,850.00
6.4.1.1.2	to vertical surfaces	569.00	m ²	50.00	28,450.00
6.4.2	Geotextiles protection to water proofing; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
6.4.2.1	To Costa				
6.4.2.1.1	to horizontal surfaces	1,273.00	m ²	10.00	12,730.00
6.4.2.1.2	to vertical surfaces	574.00	m ²	10.00	5,740.00
6.4.3	Protection board; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
6.4.3.1	To Costa				
6.4.3.1.1	to vertical surfaces	565.00	m ²	30.00	16,950.00
6.4.4	50mm thick Protection screed; all in accordance with drawings Nos. SG0023 & SG0024 and specification				
6.4.4.1	To Costa				
6.4.4.1.1	to horizontal surfaces	637.00	m ²	30.00	19,110.00
6.5	metalwork				
6.5.1	Supply and install metal handrail including finishes, all necessary fittings and fixing accessories, complete; all in accordance with the drawings and specification				
6.5.1.1	To Costa				
6.5.1.1.1	Floor mounted, 1100mm high	10.00	m	1,098.00	10,980.00
6.5.1.1.2	wall mounted	10.00	m	810.00	8,100.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
6.6	doors and windows				
6.6.1	Metal doors, including frames, fixings, fittings, glass panel (if required), accessories, painting, hardware and all associated works, complete; all in accordance with the drawings and specification				
6.6.1.1	non-fire rated				
6.6.1.1.1	Single leaf, size 1300mm W x 2400mm H	4.00	No	3,020.00	12,080.00
6.6.1.1.2	Double leaf, size 2600mm W x 2400mm H				
6.6.1.2.1	To Costa Brava	1.00	No	6,040.00	6,040.00
6.6.2	Access hatch including supports, hardware, removable insect screen, all fixtures and accessories, complete; all in accordance with the drawings and specification				
6.6.2.1	To pump room size: 3000mmx6000mm				
6.6.2.1.1	To Costa Brava	1.00	No	17,410.00	17,410.00
6.7	finishes				
6.7.1	internal finishes				
6.7.1.1	floor finishes				
6.7.1.1.1	cement and sand screed to concrete slab to receive floor finishes (finishes measured separately); all in accordance with the drawings and specification				
6.7.1.1.1.1	To floors, to receive epoxy, 100mm thick				
6.7.1.1.1.1.1	To Costa Brava	370.00	m ²	30.00	11,100.00
6.7.1.1.1.2	To floors, to receive epoxy, 250mm thick				
6.7.1.1.1.2.1	To Costa Brava	138.00	m ²	30.00	4,140.00
6.7.1.1.1.3	To floors, to receive epoxy, 500mm thick				
6.7.1.1.1.3.1	To Costa Brava	78.00	m ²	30.00	2,340.00
6.7.1.1.2.2	Heavy duty epoxy floor coating on screed (screed measured separately); all in accordance with the drawings and specification				
6.7.1.1.2.2.1	To floor				
6.7.1.1.2.2.1.1	To Costa Brava	587.00	m ²	136.50	80,125.50
6.7.1.1.3.2	Heavy duty epoxy floor coating on smooth finishes concrete floor; all in accordance with the drawings and specification				
6.7.1.1.3.2.1	To Costa Brava	33.00	m ²	136.50	4,504.50
6.7.1.2	wall finishes				
6.7.1.2.1	cement and sand plastering to block or concrete walls to receive finishes (finishes measured separately) including background preparation and accessories, complete; all in accordance with the drawings and specification				
6.7.1.2.1.1	to receive paint finish				
6.7.1.2.1.1.1	To Costa Brava	856.00	m ²	53.00	45,368.00
6.7.1.2.1.2	To receive concrete soffits				
6.7.1.2.1.2.1	To Costa Brava	648.00	m ²	53.00	34,344.00
6.7.1.2.2.2	Epoxy paint finish; complete; all in accordance with the drawings and specification				
6.7.1.2.2.2.1	to walls				
6.7.1.2.2.2.1.1	To Costa Brava	856.00	m ²	136.50	116,844.00
6.7.1.2.2.2.2	to soffits				
6.7.1.2.2.2.2.1	To Costa Brava	648.00	m ²	136.50	88,452.00
6.7.2	external finishes				
6.7.2.1	wall finishes				
6.7.2.1.1	cement and sand plastering to block or concrete walls to receive finishes (finishes measured separately) including background preparation and accessories, complete; all in accordance with the drawings and specification				
6.7.2.1.1.1	to receive paint finish				
6.7.2.1.1.1.1	To Costa Brava	53.00	m ²	53.00	2,809.00
6.7.2.1.2.2	Epoxy paint finish; complete; all in accordance with the drawings and specification				
6.7.2.1.2.2.1	to walls				
6.7.2.1.2.2.1.1	To Costa Brava	53.00	m ²	136.50	7,234.50
6.8	mechanical engineering installation				
6.8.1	drainage system				
6.8.1.1	PIPE WORKS				
6.8.1.1.1	Supply and installation of soil, waste, vent and rain water below ground uPVC BS 4660 drainage pipes including fittings, accessories, excavation, backfilling, disposal, concrete works, support and complete; all in accordance with the drawings and specification				
6.8.1.1.1.1	25mm diameter	7.00	m	35.00	245.00
6.8.1.1.1.2	32mm diameter	12.00	m	36.00	432.00
6.8.1.1.1.3	82mm diameter	69.00	m	47.00	3,243.00
6.8.1.1.1.4	110mm diameter	52.00	m	53.00	2,756.00
6.8.1.1.1.5	250mm diameter	75.00	m	115.00	8,625.00
6.8.1.1.2	Supply and installation of soil, waste, vent and rain water above ground uPVC BS 4514 drainage pipes including fittings, accessories, support and complete; all in accordance with the drawings and specification				
6.8.1.1.2.1	25mm diameter	54.00	m	16.00	864.00
6.8.1.1.2.2	82mm diameter	7.00	m	25.00	175.00
6.8.1.1.2.3	Supply and installation of acoustical insulation including necessary fittings and accessories, complete; all in accordance with the drawings and specification	1.00	Item	99,000.00	99,000.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
6.8.1.1.3	Sanitary Specialties				
6.8.1.1.3.1	Supply and installation of sanitary specialties for drainage system; all in accordance with the drawings and specification				
6.8.1.1.3.1.1	Trench drain with trap, 1300mm x 300mm x 300mm	2.00	No	1,340.00	2,680.00
6.8.1.1.3.1.2	Trench drain with trap, 2700mm x 300mm x 300mm	2.00	No	2,770.00	5,540.00
6.8.1.1.3.1.3	Vent cowl, 82mm diameter	1.00	No	15.00	15.00
6.8.1.1.3.1.4	Ref. FCO, Floor clean out	1.00	No	140.00	140.00
6.8.1.1.3.2	Manholes, chambers, sump pit, gully trap, sand trap, with covers or grating including excavation, backfilling, disposal, concrete, water proofing, GRP lining; all in accordance with the drawings and specification				
6.8.1.1.3.2.1	Ref. MH-01, Manhole, 600mm x 600mm x 850mm	1.00	No	3,320.00	3,320.00
6.8.1.1.3.2.2	Ref. GT, 450mm x 450mm, Gully trap	2.00	No	2,370.00	4,740.00
6.8.1.1.3.2.3	Ref. PBC, Pressure breaking manhole, 600mm x 600mm x 800mm	1.00	No	5,052.00	5,052.00
6.8.1.1.3.2.4	Sump pit, 1500mm x 1500mm x 1500mm	1.00	No	9,810.00	9,810.00
6.8.1.1.4	equipment				
6.8.1.1.4.1	Supply and installation of Sump pump set including fittings, accessories, valves, controllers, supports, pipe and electrical connections; all in accordance with the drawings and specification				
6.8.1.1.4.1.1	Sump pump (1 Duty, 1 assist), 1L/S, 1.5kW	1.00	Set	17,410.00	17,410.00
6.8.2	hvac system				
6.8.2.1	Ductworks				
6.8.2.1.1	Supply and installation of metal sheet rectangular ductworks including necessary fittings, insulation, accessories, hangers and supports; all in accordance with the drawings and specification				
6.8.2.1.1.1	supply air duct	37.00	Kg	100.00	3,700.00
6.8.2.1.1.2	fresh air duct	25.00	Kg	100.00	2,500.00
6.8.2.1.1.3	extract air duct	25.00	Kg	100.00	2,500.00
6.8.2.2	Fittings and accessories				
6.8.2.2.1	Supply and installation of the following fittings and accessories; all in accordance with the drawings and specification				
6.8.2.2.1.1	Non return damper (NRD)				
6.8.2.2.1.1.1	200mm diameter	2.00	No	320.00	640.00
6.8.2.2.1.1.2	550mm diameter	2.00	No	781.00	1,562.00
6.8.2.2.1.2	Bell mouth with G.I mesh				
6.8.2.2.1.2.1	550mm x 350mm	2.00	No	614.00	1,228.00
6.8.2.2.1.3	Return grill				
6.8.2.2.1.3.1	350mm x 200mm	1.00	No	391.00	391.00
6.8.2.2.1.3.2	350mm x 300mm	1.00	No	391.00	391.00
6.8.2.2.1.4	Supply grill				
6.8.2.2.1.4.1	350mm x 200mm	1.00	No	570.00	570.00
6.8.2.2.1.4.2	350mm x 300mm	1.00	No	570.00	570.00
6.8.2.3	equipment				
6.8.2.3.1	Supply & Installation of Split units including outdoor condensing unit, refrigerant pipes, thermostat, electrical requirements, fixing and fitting complete; all in accordance with the drawings and specification				
6.8.2.3.1.1	IU/OU-CB-01, 8.63kW (Decorative DX split unit)	6.00	Set	12,480.00	74,880.00
6.8.2.3.1.2	IU/OU-CB-02, 2.5kW (Ducted DX split unit)	1.00	Set	9,220.00	9,220.00
6.8.2.3.1.3	IU/OU-CB-03, 2.5kW (Ducted DX split unit)	1.00	Set	9,220.00	9,220.00
6.8.2.3.2	Supply & Installation of Fans including electrical requirements, fixing and fitting complete; all in accordance with the drawings and specification				
6.8.2.3.2.1	EAF-CB-01, Axial fan, 500 L/s, 0.55 Kw	1.00	No	6,665.00	6,665.00
6.8.2.3.2.2	EAF-CB-02, Box fan, 100 L/s, 0.55 Kw	1.00	No	2,980.00	2,980.00
6.8.2.3.2.3	MAF-CB-12, Axial fan, 500 L/s, 0.55 Kw	1.00	No	6,665.00	6,665.00
6.8.3	fire fighting system				
6.8.3.1	fire protection specialties				
6.8.3.1.1	Supply and installation of fire protection specialties complete with accessories, including supports all in accordance with the drawings and specification				
6.8.3.1.1.1	CO2 fire extinguisher, 5 KG	8.00	No	250.00	2,000.00
6.8.3.1.1.2	Dry powder fire extinguisher, 4 KG	2.00	No	100.00	200.00
6.8.3.1.1.3	Foam fire extinguisher, 9 L	2.00	No	150.00	300.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
6.9	electrical engineering installation				
6.9.1	ELECTRICAL SERVICE DISTRIBUTION				
6.9.1.1	main distribution boards				
6.9.1.1.1	Supply, install and connect main distribution board including circuit breakers and all necessary accessories required to fix the boards; all in accordance with the drawings and specification				
6.9.1.1.1.1	MDB-CB-SP1	1.00	No	12,100.00	12,100.00
6.9.1.1.1.2	MDB-CB-SP2	1.00	No	11,100.00	11,100.00
6.9.1.1.1.3	MDB-CB-SP3	1.00	No	11,100.00	11,100.00
6.9.1.2	distribution boards				
6.9.1.2.1	Supply, install and connect distribution board including circuit breakers and all necessary accessories required to fix the boards; all in accordance with the drawings and specification				
6.9.1.2.1.1	DB-CB-SP	1.00	No	3,400.00	3,400.00
6.9.1.2.2	Supply, install and connect control panel including all necessary accessories required to fix the panels; all in accordance with the drawings and specification				
6.9.1.2.2.1	CB-CP-CBC-01	1.00	No	27,000.00	27,000.00
6.9.1.2.2.2	CB-CP-NBC-01	1.00	No	27,000.00	27,000.00
6.9.1.2.2.3	CB-CP-PB-01	1.00	No	20,000.00	20,000.00
6.9.1.2.2.4	CB-CP-PB-02	1.00	No	20,000.00	20,000.00
6.9.1.2.2.5	CB -CB-SP1, 75 kVAR (Capacitor bank panel)	1.00	No	10,300.00	10,300.00
6.9.1.2.2.6	CB -CB-SP2, 50 Kvar (Capacitor bank panel)	1.00	No	8,100.00	8,100.00
6.9.1.2.2.7	CB -CB-SP3, 50 kVAR (Capacitor bank panel)	1.00	No	8,100.00	8,100.00
6.9.1.3	power cables				
6.9.1.3.1	Supply, install and connect/terminate including testing of cables all in accordance with the specification and drawings.				
6.9.1.3.1.1	4C 300 mm ² XLPE/SWA/PVC+1C 150 mm ² CPC	9.00	m	676.00	6,084.00
6.9.1.3.1.2	4C 185 mm ² XLPE/SWA/PVC+1C 95 mm ² CPC	8.00	m	434.00	3,472.00
6.9.1.3.1.3	4C 95 mm ² XLPE/SWA/PVC+1C 50 mm ² CPC	11.00	m	228.00	2,508.00
6.9.1.3.1.4	4C 50 mm ² XLPE/SWA/PVC+1C 25 mm ² CPC	11.00	m	119.00	1,309.00
6.9.1.3.1.5	4C 25 mm ² XLPE/SWA/PVC+1C 16 mm ² CPC	6.00	m	67.00	402.00
6.9.1.4	earthing cables				
6.9.1.4.1	2x95mm ² ECC	18.00	m	95.00	1,710.00
6.9.1.5	isolators				
6.9.1.5.1	Supply, install and connect isolators including necessary accessories in accordance with the drawings and specification				
6.9.1.5.1.1	20A SP Isolator for EAF-CB-02. (W/P)	1.00	No	100.00	100.00
6.9.1.5.1.2	20A SP Isolator for MAF-CB-01. (W/P)	1.00	No	100.00	100.00
6.9.1.5.1.3	20A SP Isolator for EAF-CB-01. (W/P)	1.00	No	100.00	100.00
6.9.1.5.1.4	20A SP Isolator for Sump pump. (W/P)	1.00	No	100.00	100.00
6.9.1.5.1.5	20A SP Isolator for OU-CB-03. (W/P)	1.00	No	100.00	100.00
6.9.1.5.1.6	20A SP Isolator for OU-CB-02. (W/P)	1.00	No	100.00	100.00
6.9.1.5.1.7	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	160.00	160.00
6.9.1.5.1.8	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	160.00	160.00
6.9.1.5.1.9	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	160.00	160.00
6.9.1.5.1.10	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	160.00	160.00
6.9.1.5.1.11	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	160.00	160.00
6.9.1.5.1.12	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	160.00	160.00
6.9.1.5.1.13	300A TP Isolator ref. ISO-CB-L2-1 . (W/P)	1.00	No	1,250.00	1,250.00
6.9.1.5.1.14	250A TP Isolator ref. ISO-CB-L2-1 . (W/P)	2.00	No	1,090.00	2,180.00
6.9.1.5.1.15	TPN Isolator ref. ISO-CB-L2-2 . (W/P)	3.00	No	1,250.00	3,750.00
6.9.1.5.2	Cable and conduit to the following isolators and all accessories; all in accordance with the drawings and specification				
6.9.1.5.2.1	20A SP Isolator for EAF-CB-02. (W/P)	1.00	No	1,224.00	1,224.00
6.9.1.5.2.2	20A SP Isolator for MAF-CB-01. (W/P)	1.00	No	1,224.00	1,224.00
6.9.1.5.2.3	20A SP Isolator for EAF-CB-01. (W/P)	1.00	No	1,224.00	1,224.00
6.9.1.5.2.4	20A SP Isolator for Sump pump. (W/P)	1.00	No	1,224.00	1,224.00
6.9.1.5.2.5	20A SP Isolator for OU-CB-03. (W/P)	1.00	No	1,224.00	1,224.00
6.9.1.5.2.6	20A SP Isolator for OU-CB-02. (W/P)	1.00	No	1,224.00	1,224.00
6.9.1.5.2.7	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	2,612.00	2,612.00
6.9.1.5.2.8	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	2,612.00	2,612.00
6.9.1.5.2.9	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	2,612.00	2,612.00
6.9.1.5.2.10	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	2,612.00	2,612.00
6.9.1.5.2.11	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	2,612.00	2,612.00
6.9.1.5.2.12	32A TP Isolator for OU-CB-01. (W/P)	1.00	No	2,612.00	2,612.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
6.9.1.5.2.13	300A TP Isolator ref. ISO-CB-L2-1 . (W/P)	1.00	No	24,480.00	24,480.00
6.9.1.5.2.14	250A TP Isolator ref. ISO-CB-L2-1 . (W/P)	2.00	No	20,400.00	40,800.00
6.9.1.5.2.15	TPN Isolator ref. ISO-CB-L2-2 . (W/P)	3.00	No	20,400.00	61,200.00
6.9.2	SMALL POWER INSTALLATION				
6.9.2.1	Supply, install, connect, test and commission the following power socket outlets including plates and boxes; all in accordance with the drawings and specification				
6.9.2.1.1	13a single socket outlet	1.00	No	175.00	175.00
6.9.2.1.2	13A Single socket outlet weather proof	7.00	No	175.00	1,225.00
6.9.2.1.3	Connection unit for outdoor unit	8.00	No	400.00	3,200.00
6.9.2.1.4	Connection unit for FACP	1.00	No	400.00	400.00
6.9.2.2	Cable and conduits from distribution boards to termination points complete in concealed installation; all in accordance with the drawings and specification				
6.9.2.2.1	13a single socket outlet	1.00	No	1,632.00	1,632.00
6.9.2.2.2	13A Single socket outlet weather proof	7.00	No	1,632.00	11,424.00
6.9.2.2.3	Connection unit for outdoor unit	8.00	No	1,632.00	13,056.00
6.9.2.2.4	Connection unit for FACP	1.00	No	1,632.00	1,632.00
6.9.3	LIGHTING AND BRANCH CABLE AND CONDUIT				
6.9.3.1	lighting installation				
6.9.3.1.1	Supply and installation of following light fittings and including all necessary accessories; all in accordance with the drawings and specification				
6.9.3.1.1.1	L01, 45W, LED surface mounted or suspended weatherproof luminaire. IP65	45.00	No	500.00	22,500.00
6.9.3.1.1.2	L02, 35W, LED Surface mounted or suspended luminaire. IP40	1.00	No	420.00	420.00
6.9.3.1.1.3	L03, 14W, wall mounted LED fixture controlled by timer. IP65	3.00	No	230.00	690.00
6.9.3.1.2	Supply and installation of the following light switches including plates and boxes; all in accordance with the drawings and specification				
6.9.3.1.2.1	One Gang, one way switch.	1.00	No	40.00	40.00
6.9.3.1.2.2	One Gang, one way switch. (W/P)	3.00	No	40.00	120.00
6.9.3.1.2.3	Two Gang, one way switch.	1.00	No	60.00	60.00
6.9.3.1.2.4	5n. Grid switch with phase barrier. (W/P)	1.00	No	230.00	230.00
6.9.3.1.3	Cable and conduits from distribution boards to termination points complete in concealed installation; all in accordance with the drawings and specification				
6.9.3.1.3.1	lighting points	49.00	No	400.00	19,600.00
6.9.3.1.3.2	switch points	6.00	No	400.00	2,400.00
6.9.4	telecommunication system				
6.9.4.1	Analogue addressable fire alarm and Voice evacuation System				
6.9.4.1.1	Supply, install, connect, test and commission the following equipment and accessories; all in accordance with the drawings and specification				
6.9.4.1.1.1	addressable heat detector with built in isolator base	9.00	No	120.00	1,080.00
6.9.4.1.1.2	addressable smoke detector with built in isolator base	3.00	No	120.00	360.00
6.9.4.1.1.3	Fire alarm wall mounted sounder with flasher	5.00	No	210.00	1,050.00
6.9.4.1.1.4	Fire alarm manual call point weather proof	2.00	No	360.00	720.00
6.9.4.1.1.5	flasher	3.00	No	210.00	630.00
6.9.4.1.1.6	Ref. FACP, Fire alarm control panel	1.00	No	3,980.00	3,980.00
6.9.4.1.2	Cables and conduit to the following equipment and all accessories; all in accordance with the drawings and specification				
6.9.4.1.2.1	addressable heat detector with built in isolator base	9.00	No		
6.9.4.1.2.2	addressable smoke detector with built in isolator base	3.00	No		
6.9.4.1.2.3	Fire alarm wall mounted sounder with flasher	5.00	No		
6.9.4.1.2.4	Fire alarm manual call point weather proof	2.00	No		
6.9.4.1.2.5	flasher	3.00	No		
6.9.4.1.2.6	Ref. FACP, Fire alarm control panel	1.00	No		
6.9.5	OTHER ELECTRICAL SYSTEM				
6.9.5.1	emergency light				
6.9.5.1.1	Supply, install, connect, test and commission the following equipment and accessories; all in accordance with the drawings and specification				
6.9.5.1.1.1	emergency light	18.00	No	80.00	1,440.00
6.9.5.1.1.2	Emergency exit sign	1.00	No	80.00	80.00
6.9.5.1.1.3	Direction emergency sign single side	2.00	No	320.00	640.00
6.9.5.1.2	Cables and conduit to the following equipment and all accessories; all in accordance with the drawings and specification				
6.9.5.1.2.1	emergency light	18.00	No		
6.9.5.1.2.2	Emergency exit sign	1.00	No		
6.9.5.1.2.3	Direction emergency sign single side	2.00	No		
6.10	additional items				

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
6.10.1	the tenderer is to list here below any additional items, shown on the drawings mentioned in the specifications or required for the satisfactory completion of this section but not mentioned herein, any items not listed below shall be deemed to be included.				
6.10.1.1	1)	0.00	Item		-
6.10.1.2	2)	0.00	Item		-
6.10.1.3	3)	0.00	Item		-
6.10.1.4	4)	0.00	Item		-
6.10.1.5	5)	0.00	Item		-
6.10.1.6	6)	0.00	Item		-
6.10.1.7	7)	0.00	Item		-
6.10.1.8	8)	0.00	Item		-
6.10.1.9	9)	0.00	Item		-
6.10.1.10	(10)	0.00	Item		-
TOTAL AMOUNT FOR BILL NO. 6 - PUMP ROOM					2,107,101.70
7	BILL NO. 7- FURNITURE				
7.1	Supply and install furniture including fixings, supports, accessories and reinforced concrete foundation as per drawings and specification PROVISIONAL SUM: AED 3,000,000.00				
7.1.1	To Costa Brava				
7.1.1.1	Ref. F-01; Bench W/ Backrest, size 1800 x 710 x825 mm	7.00	No		
7.1.1.2	Ref. F-02; Bench W/ Backrest, size 1800 x 670 x 800 mm	65.00	No		
7.1.1.3	Ref. F-03; Litter Bin, size 500 x 290 x 1016 mm	13.00	No		
7.1.1.4	Ref. F-04; Sunbed, size 1605 x 600 x 850 mm	98.00	No		
7.1.1.5	Ref. F-05; Planter Pot (with saucer if needed) as shown on drawing No. LS-422				
7.1.1.5.1	Ø 50 cm x 41 cm height	10.00	No		
7.1.1.5.2	Ø 60 cm x 50 cm height	7.00	No		
7.1.1.5.3	Ø 70 cm x 58 cm height	44.00	No		
7.1.1.5.4	Ø 100 cm x 85 cm height	2.00	No		
7.1.1.6	Ref. F-06; Outdoor shower, size 2000 x 940 x 2500 mm as shown on drawing No. LS-453	8.00	No		
7.1.1.7	Ref. F-07; Fence & gate, 1100mm height as shown on drawing No. LS-449 & LS-450	558.00	m		
7.1.1.8	Ref. F-08; Umbrella, size 1200 x 1200 x 2000 mm	31.00	No		
7.1.1.9	Ref. F-09; Lifeguard chair with wheels size 1820mm and lifebuoy ring 740mm dia.	8.00	No		
7.1.1.10	Ref. F-10; Tensile tent as shown on drawing No. LS-462	1.00	No		
7.1.1.11	Ref. F-11; Outdoor dining set including table size 7106.3 x 706 mm (H) and dinning chair size 598mm W x 615mm D x 813 mm H	12.00	No		3,000,000.00
7.1.1.12	Ref. F-12; 6 Place kayak/canoe rack - double sided, Size1900mm H x 2130mm D x 1950mm	1.00	No		
7.2	play equipment				
7.2.1	Supply and install play equipment including fixings, supports, accessories and reinforced concrete foundation as per drawings and specification PROVISIONAL SUM: AED 3,000,000.00				
7.2.1.1	To Costa Brava				
7.2.1.1.1	Ref. F-13; Pergola, size 2000 x 2000 x 2000 mm as shown on drawing No. LS-448	19.00	No		
7.2.1.1.2	Ref. F-14; Handrail, 900mm height as shown on drawing No. LS-451	214.00	m		
7.2.1.1.3	Ref. F-15; Chain link fence, 3000mm height as shown on drawing No. LS-452	65.00	m		
7.2.1.1.4	Ref. K-01; Little Dolphin, size 980 x 480 x 690 mm	7.00	No		
7.2.1.1.5	Ref. K-02; Balance Posts, size 3160 x 590 x 1200 mm	2.00	No		
7.2.1.1.6	Ref. K-03; Lighthouse	1.00	No		
7.2.1.1.7	Ref. K-04; Ship, size 6220 x 9610 x 5810 mm	2.00	No		
7.2.1.1.8	Ref. K-05; Sand Boat, size 2120 x 4620 x3500 mm	1.00	No		
7.2.1.1.9	Ref. K-06; Swing, size 3300 x 2000 x 2240 mm	1.00	No		
7.2.1.1.10	Ref. K-07; Seesaw, size 3412x500x1150 mm	1.00	No		
7.2.1.1.11	Ref. K-08; Forest Shop, 1600x1930x2580 mm	1.00	No		
7.3	additional items				
7.3.1	the tenderer is to list here below any additional items, shown on the drawings mentioned in the specifications or required for the satisfactory completion of this section but not mentioned herein, any items not listed below shall be deemed to be included.				
7.3.1.1	1)	0.00	Item		-
7.3.1.2	2)	0.00	Item		-
7.3.1.3	3)	0.00	Item		-
7.3.1.4	4)	0.00	Item		-
7.3.1.5	5)	0.00	Item		-
TOTAL AMOUNT FOR BILL NO. 7- FURNITURE					3,000,000.00

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
8	BILL NO. 8 - INFRASTRUCTURE WORKS				
8.1	mechanical engineering installation				
8.1.1	To Costa Brava				
8.1.1.1	POTABLE WATER SYSTEM				
8.1.1.1.1	PIPE WORKS				
8.1.1.1.1.1	Supply and installation of GRE pipes including necessary insulation, fittings, excavation & backfilling, concrete works, supports and accessories; all in accordance with the drawings and specification				
8.1.1.1.1.1.1	100mm diameter	217.00	m	125.00	27,125.00
8.1.1.1.1.2	valves and accessories				
8.1.1.1.2.1	Supply and installation of valves and accessories for plumbing piping all in accordance with the drawings and specification				
8.1.1.1.2.1.1	Gate valve (GV)				
8.1.1.1.2.1.1.1	100mm diameter, Gate valve	6.00	No	1,454.00	8,724.00
8.1.1.1.2.1.2	end cap				
8.1.1.1.2.1.2.1	100mm diameter, End cap	3.00	No	67.00	201.00
8.1.1.2	SEWAGE SYSTEM				
8.1.1.2.1	PIPE WORKS				
8.1.1.2.1.1	Supply and installation of proposed sewer line below ground uPVC BS 4660 including fittings, accessories, excavation, backfilling, disposal, concrete works, support and complete; all in accordance with the drawings and specification				
8.1.1.2.1.1.1	200mm diameter	170.00	m	143.00	24,310.00
8.1.1.2.1.2	Manholes, chambers, sump pit, gully trap, sand trap, with covers or grating including excavation, backfilling, disposal, concrete, water proofing, GRP lining; all in accordance with the drawings and specification				
8.1.1.2.1.2.1	Proposed sewage manhole, type A, 1200mm diameter	1.00	No	9,420.00	9,420.00
8.1.1.2.1.2.2	Proposed sewage manhole, special type, 1000mm diameter	5.00	No	7,930.00	39,650.00
8.1.1.2.1.2.3	Proposed backdrop (Average 100-150mm length)	2.00	No	4,800.00	9,600.00
8.1.1.2.1.2.4	House connection (HC)	7.00	No	6,000.00	42,000.00
8.1.1.2.2	Subsurface Drainage pipe				
8.1.1.2.2.1	Supply and installation of perforated uPVC pipe including fittings, accessories, support and complete; all in accordance with the drawings and specification				
8.1.1.2.2.1.1	200mm diameter	1,312.00	m	142.00	186,304.00
8.1.1.2.2.1.2	250mm diameter	1,522.00	m	203.00	308,966.00
8.1.1.2.2.2	Manholes, chambers, sump pit, gully trap, sand trap, with covers or grating including excavation, backfilling, disposal, concrete, water proofing, GRP lining; all in accordance with the drawings and specification				
8.1.1.2.2.2.1	Type A, 1200mm dia, Proposed manhole	2.00	No	9,420.00	18,840.00
8.1.1.2.2.2.2	Type B, 1500mm dia, Proposed manhole	30.00	No	14,150.00	424,500.00
8.1.1.2.2.2.3	Type C, 1500mm dia, Proposed manhole	23.00	No	16,018.72	368,430.60
8.2	electrical engineering installation				
8.2.1	To Costa Brava				
8.2.1.1	ELECTRICAL SERVICE DISTRIBUTION				
8.2.1.1.1	panel boards				
8.2.1.1.1.1	Supply Lighting control Panel/ Power Distribution Boards, all in accordance with the specification and drawings.				
8.2.1.1.1.1.1	LSFP-01	1.00	No	3,400.00	3,400.00
8.2.1.1.1.1.2	LSFP-02	1.00	No	3,400.00	3,400.00
8.2.1.1.1.1.3	LSFP-03	1.00	No	3,400.00	3,400.00
8.2.1.1.2	power cables				
8.2.1.1.2.1	Supply, install and connect/terminate including testing of cables all in accordance with the specification and drawings.				
8.2.1.1.2.1.1	4Cx6mm ² Cu/XLPE/SWA/PVC 1Cx6mm ² Cu/PVC G/Y CPC	15,245.00	m	27.00	411,615.00
8.2.1.1.2.1.2	4Cx10mm ² Cu/XLPE/SWA/PVC 1Cx10mm ² Cu/PVC G/Y CPC	745.00	m	34.00	25,330.00
8.2.1.1.2.1.3	4C 300 mm ² XLPE/SWA/PVC+ 1C 150 mm ² ECC				
8.2.1.1.2.1.3.1	kWh meter to MDB-CB-SP1	50.00	m	706.00	35,300.00
8.2.1.1.2.1.3.2	kWh meter to MDB-CB-SP2	50.00	m	706.00	35,300.00
8.2.1.1.2.1.3.3	kWh meter to MDB-CB-SP3	50.00	m	706.00	35,300.00
8.2.1.1.3	electrical meter				
8.2.1.1.3.1	KILO WATT - CT METER (400/5A)	3.00	No	4,732.00	14,196.00
8.2.1.1.4	Grounding (Earthing) and bonding for Electrical Systems				
8.2.1.1.4.1	Supply and installation of grounding and bonding; complete all in accordance with the drawings and specifications				
8.2.1.1.4.1.1	Earth Pit for CCT	32.00	No	5,000.00	160,000.00
8.2.1.1.4.1.2	Earth Pit for LSFP	3.00	No	5,000.00	15,000.00
8.2.1.1.4.1.3	Allow for earthing cables	1.00	Item		Included in BOQ item 8.2.1.1.4.1.1

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
8.2.1.1.4.1.4	Allow grounding and bonding for electrical equipment	1.00	Item		Included in BOQ item 8.2.1.1.4.1.2
8.2.1.1.5	raceways and enclosure				
8.2.1.1.5.1	Supply, install and connect raceways with enclosure all in accordance with the specification and drawings.				
8.2.1.1.5.1.1	Road crossing duct size 9000mm (L) x 100mm (W)	30.00	No	1,470.00	44,100.00
8.2.1.1.5.1.2	Road crossing duct size 9600mm (L) x 100mm (W)	6.00	No	1,560.00	9,360.00
8.2.1.1.5.1.3	Allow for cable trays and conduits Note: This includes cable trays, trunking, and conduits under Infrastructure works.	1.00	Item	100,000.00	100,000.00
8.2.1.2	LIGHTING AND BRANCH CABLE AND CONDUIT				
8.2.1.2.1	lighting installation				
8.2.1.2.1.1	Supply and installation of following light fittings and including all necessary accessories; all in accordance with the drawings and specification				
8.2.1.2.1.1.1	LL1, LED - 12W,1500 lm - pole light - asymmetrical beam-3000K. IP66	134.00	No	4,662.00	624,708.00
8.2.1.2.1.1.2	LL2, LED - 8.5W,935 lm - tree spike up light - medium beam - 3000K. IP67	446.00	No	450.00	200,700.00
8.2.1.2.1.1.3	LL3, LED - 4X4.5W,4X495 lm - tree strao up & down light - medium beam - 3000K. IP67	125.00	No	2,095.00	261,875.00
8.2.1.2.1.1.4	LL4, LED - 21W,570 lm - decorative bollard - wide beam - 3000K. IP65	130.00	No	1,366.00	177,580.00
8.2.1.2.1.1.5	LL5, LED - 2W,220 lm - wall recessed step light - wide beam - 3000K. IP65	30.00	No	265.00	7,950.00
8.2.1.2.1.1.6	LL6, LED - 5W/m,270 lm/M - linear water feature light - 4000K. IP68	161.00	m	118.00	18,998.00
8.2.1.2.1.1.7	LL7, LED - 8.5W,935 lm - floor mounted light - wide beam - 3000K. IP67	43.00	No	451.00	19,393.00
8.2.1.2.1.1.8	LL8, 1W, LED - 1W,9 lm - floor redressed marker light - diffused beam - 3000K. IP68	181.00	No	327.00	59,187.00
8.2.1.2.1.1.9	LL9, LED - 9W,79 lm - reeds light - diffused beam - 4000K. IP68	60.00	No	2,067.00	124,020.00
8.2.1.2.1.1.10	LL10, LED - 33W,1158 lm - decorative pole light - wide beam - 3000K. IP65	20.00	No	5,679.00	113,580.00
8.2.1.2.1.1.11	LL11, LED - 4.5W,495 lm - floor recessed up light - wide beam - 3000K. IP67	20.00	No	414.00	8,280.00
8.2.1.2.1.1.12	LL12, LED - 5W/m,222 lm/M - linear seating area light - 3000K. IP67	228.00	m	110.00	25,080.00
8.2.1.2.1.1.13	LL13, LED - 4W,360 lm - suspended festoon bulb - wide beam - 2200K. IP65	76.00	No	500.00	38,000.00
8.2.1.2.1.1.14	LL16, LED - 4X30W,4X3300 lm - pole mounted flood - wide beam - 3000K. IP67	5.00	No	9,670.00	48,350.00
8.2.1.2.1.1.15	Ref. DIR-EXT01	6.00	No	-	Included in BOQ Item 2.2.11.1.3
8.2.1.2.1.1.16	Ref. ID-EXT01	2.00	No	-	Included in BOQ Item 2.2.11.1.1
8.2.1.2.1.1.17	Ref. ID-EXT02	7.00	No	-	Included in BOQ Item 2.2.11.1.2
8.2.1.2.1.2.2	Cable and conduits from distribution boards to termination points complete in concealed installation; all in accordance with the drawings and specification				
8.2.1.2.1.2.1	lighting points	1,270.00	No	300.00	381,000.00
8.2.1.2.1.2.2	Linear lighting points	78.00	No	300.00	23,400.00
8.2.1.2.1.2.3	ID-Exit Lighting points	15.00	No	300.00	4,500.00
8.3	additional items				
8.3.1	the tenderer is to list here below any additional items, shown on the drawings mentioned in the specifications or required for the satisfactory completion of this section but not mentioned herein, any items not listed below shall be deemed to be included.				
8.3.1.1	(1)	0.00	Item		-
8.3.1.2	(2)	0.00	Item		-
8.3.1.3	(3)	0.00	Item		-
8.3.1.4	(4)	0.00	Item		-
8.3.1.5	(5)	0.00	Item		-
8.3.1.6	(6)	0.00	Item		-
8.3.1.7	(7)	0.00	Item		-
8.3.1.8	(8)	0.00	Item		-
8.3.1.9	(9)	0.00	Item		-
8.3.1.10	(10)	0.00	Item		-
TOTAL AMOUNT FOR BILL NO. 8 - INFRASTRUCTURE WORKS					4,500,372.60

GENERAL SUMMARY

SN	Description	Quantity	Unit	Rate (AED)	Total (AED)
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	GRAND SUMMARY FOR MAIN OFFER				
1	BILL NO. 1: GENERAL REQUIREMENTS				1,200,000.00
2	BILL NO. 2 - HARDSCAPE				4,522,846.00
3	BILL NO. 3 - SOFTSCAPE & IRRIGATION				4,858,005.00
4	BILL NO. 4 - POOL, LAKE & BEACHES				9,964,948.00
5	BILL NO. 5 - TOILET BLOCK				752,126.70
6	BILL NO. 6 - PUMP ROOM				2,107,101.70
7	BILL NO. 7 - FURNITURE				3,000,000.00
8	BILL NO. 8 - INFRASTRUCTURE WORKS				4,500,372.60
	GRAND TOTAL				30,905,400.00

NOTE: Please find below the list of Palms and Trees for the prices of supply and delivery to site.

A	PALMS			RATE (AED)	
1	Ref. Pho.dac, Phoenix dactylifera	1.00	No	2,070.00	RATE ONLY
2	Ref. Pho.2, Phoenix dactylifera	1.00	No	2,910.00	RATE ONLY
B	TREES				
1	Ref. Alb.leb, Albizia lebbeck	1.00	No	1,010.00	RATE ONLY
2	Ref. Alb.2, Albizia lebbeck	1.00	No	1,360.00	RATE ONLY
3	Ref. Cal.vim, Callistemon viminalis	1.00	No	900.00	RATE ONLY
4	Ref. Cal.2, Callistemon viminalis	1.00	No	1,130.00	RATE ONLY
5	Ref. Pel.ine, Peltophorum Inerme	1.00	No	1,470.00	RATE ONLY
6	Ref. Pel.2, Peltophorum Inerme	1.00	No	2,500.00	RATE ONLY
7	Ref. Mil.hor, Millingtonia hortensis	1.00	No	1,010.00	RATE ONLY
8	Ref. Mil.2, Millingtonia hortensis	1.00	No	1,470.00	RATE ONLY
9	Ref. Tab.ros, Tabebuia rosea	1.00	No	500.00	RATE ONLY
10	Ref. Tab.2, Tabebuia rosea	1.00	No	730.00	RATE ONLY
11	Ref. Cor.seb, Cordia sebestena	1.00	No	1,750.00	RATE ONLY
12	Ref. Cor.2, Cordia sebestena	1.00	No	2,040.00	RATE ONLY
13	Ref. DEL.REG, Delonix Regia	1.00	No	1,470.00	RATE ONLY
14	Ref. Del.2, Delonix Regia	1.00	No	2,500.00	RATE ONLY
15	Ref. Ole.eur, Olea europaea - 3.5m	1.00	No	1,700.00	RATE ONLY
16	Ref. Cit.lim, Citrus x limon	1.00	No	500.00	RATE ONLY
17	Ref. Cit.2, Citrus x limon	1.00	No	610.00	RATE ONLY
18	Ref. Con.lan, Conocarpus lancifolium	1.00	No	390.00	RATE ONLY
19	Ref. PLU.OBT, Plumeria Obtusa	1.00	No	390.00	RATE ONLY
20	Ref. Plu.2, Plumeria obtusa	1.00	No	610.00	RATE ONLY

ANNEXURE 1:

PART 1: CLARIFICATION ON THE SCOPE OF WORK

- 1 Our scope of Electrical power from landscape light fitting to landscape light DB only and after that by others (Same as Parcel 1 - Santorini Cluster).
- 2 The collection of palms and trees will be from within the UAE only. Only Phoenician's scope will be collection from Nursery, delivery and planting at site (Excluding procurement of palms and trees)
- 3 Any Submission / payments for NOC to authority is excluded. However, PTS will Provide Technical Assistance during acquisition of NOC.
- 4 TSE water during defect liability period and TSE Water during construction are not included on the Total amount and to be added if required
- 5 Salt Barrier and Soil moisture retention additives for the softlandscaping works are excluded same with Santorini Cluster and Central Hub Value Engineering.
- 6 Macadam layers for the landscape area and geotechnical fabric for the hardscape area are not included in our offer (Same as per V.E. in Central Hub and Santorini).
- 7 Provisional Sum of AED 3,000,000.00 for all the items under Bill no. 7 -Furniture.
- 8 This proposal is considered as **Re-measurable basis and not Lump Sum**. Any items not shown on the BOQ but are shown on the drawings and specification are excluded.

PART 2 - NOTES, TERMS & CONDITIONS

A PAYMENT TERMS:

- 1 Similar to Santorini Package Payment Terms
- 2 **Materials on Site:**

1. Landscape Furniture
2. Kids Play Equipment
3. Paving, surfacing and finishing materials
4. Shade structures, Aluminum and Steel Works
5. Softlandscape Materials
6. MEP Equipments

Note: No retention to be applied on Material on Site