

CONSTRUCTION COST

MASTER SUMMARY

Description	Amount
<p data-bbox="373 378 619 409"><u>MASTER SUMMARY</u></p> <p data-bbox="245 474 395 506">Preliminaries</p> <p data-bbox="245 537 472 568">General Summary-1</p> <p data-bbox="245 600 475 631">General Summary-2</p> <p data-bbox="245 663 309 694">Profit</p>	
<p data-bbox="312 1912 715 1944">TOTAL (Carry to Form of Tender)</p>	<p data-bbox="1390 1912 1401 1944">-</p>

TRAILS, LOOKOUTS AND PLAZAS

GENERAL SUMMARY - 1

Description	Amount
<p data-bbox="363 383 643 409"><u>GENERAL SUMMARY-1</u></p> <p data-bbox="236 510 667 537">Bill No. 1 - Lookouts and Street Works</p> <p data-bbox="236 573 639 600">Bill No. 2 - Plazas and Street Works</p> <p data-bbox="236 636 501 663">Bill No. 3 - Trails Works</p> <p data-bbox="236 698 568 725">Bill No. 4 - Mechanical Works</p> <p data-bbox="236 761 541 788">Bill No. 5 - Electrical Works</p>	
<p data-bbox="336 1888 667 1915">TOTAL to Master Summary</p>	<p data-bbox="1377 1895 1390 1912">-</p>

HISTORIC OLD SALT DEVELOPMENT SUB-PROJECT
THE TOURISM SECTOR DEVELOPMENT PROJECT

VOLUME III

BILL NO. 1 LOOKOUTS WORKS

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 1
SUMMARY**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	DIVISION 02 SITEWORKS				-
	DIVISION 03 CONCRETE				-
	DIVISION 04 MASONRY				-
	DIVISION 05 METALWORK				-
	DIVISION 06 WOOD AND PLASTICS				-
	DIVISION 07 THERMAL AND MOISTURE PROTECTION				-
	DIVISION 08 DOORS AND WINDOWS				-
	DIVISION 09 FINISHES				-
	DIVISION 10 - SPECIALTIES				-
	DIVISION 11 EQUIPMENT				NA
	DIVISION 12 FURMISHINGS				NA
	DIVISION 13 SPECIAL CONSTRUCTION				NA
	DIVISION 14 CONVEYING SYSTEMS				NA
	DIVISION 15 MECHANICAL				NA
	DIVISION 16 ELECTRICAL				NA
	To General Summary-1			JD	-

TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

BILL NO. 1
LOOKOUTS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 02 - SITEWORKS</u>				
	<u>02060 DEMOLITION WORKS & SITE CLEARANCE</u> <u>Demolition including all substructure, structure, all services, except existing utilities to be maintain with necessary protection, and all necessary works incidental thereto complete, including removing and disposal of all debris etc..., site clearance and preparation the area to receive new construction.</u>				
2.0	Protection of existing utilities and adjacet property <u>(Provisional Sum)</u>	1	LS	3,000.00	3,000.00
2.1	Site clearance and preparation for new construction including any required demolition of existing walls, for Kamal Al-Shaer lookout.	Item	Sum		-
2.2	Site clearance and preparation for new construction including any required demolition of existing walls, for Jadaa lookout.	Item	Sum		-
2.3	Site clearance and preparation for new construction including any required demolition of existing walls, for Al Madrassah lookout.	Item	Sum		-
2.4	Site clearance and preparation for new construction including any required demolition of existing walls and demolition of existing stone walls, for Al Qalaa lookout.	Item	Sum		-
	<u>02220 EXCAVATION AND BACKFILLING</u>				
	<u>EXCAVATION</u>				
	<u>Excavation in any class of ground including earthwork, support, disposal of excavated material out of site, dewatering and surface treatment in accordance with specification section 02220</u>				
2.5	Bulk excavation to reduce Levels from ground level not exceeding 3.5 m	375	M ³		-
2.6	Trench excavation to receive foundation	620	M ³		-
	<u>Excavation in fill material including earthwork, supports and surface treatments in accordance with specification section 02220</u>				
2.7	Trench excavation for ground beams	16	M ³		-
	<u>BACKFILL</u>				
	<u>A1a class imported fill material in accordance with specification section 02220.</u>				
2.8	Fill into excavations	440	M ³		-
	To Collection			JD	

TOURISM SECTOR DEVELOPMENT PROJECT
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BILL NO. 1
LOOKOUTS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 02 - SITEWORKS</u>				
2.9	To make up levels.	280	M ³		-
	<u>02230 GRANNAR SUBBASE</u>				
	<u>Base-Course fill materials in accordance with specification sections 02220 and 02230</u>				
2.10	150 mm thick compacted base-course.	70	M ³		-
2.11	150 mm thick compacted base-course, sloped under stairs and steps.	22	M ³		-
	<u>02517 STONE PAVERS</u>				
	<u>Ajlon local stone tile, mechanical bush hummered, on and including 30 mm thick cement mortar beds, sand fill and grouting in accordance with specification section 02517.</u>				
2.12	Floors and stepes, 250 mm wide × 30 mm thick, type A.	115	M2		-
2.13	Floors, random stone, 30 mm thick, type C.	185	M2		-
2.14	Floors, 250 × 250 × 30 mm thick, curved for Al Madrasah area, circular patterns, type E.	50	M2		-
2.15	Floors 200 × 200 × 30 mm, type H.	100	M2		-
2.16	Band, 400 × 100 wide × 30 mm thick, type M.	8	M		-
2.17	Stair tread, 50 mm thick, 300 mm wide.	295	M		-
2.18	Stair tread, 50 mm thick, 300 mm wide, curved.	43	M		-
2.19	Stair tread, 50 mm thick, 250 mm wide.	3	M		-
2.20	Stair tread, 50 mm thick, 200 mm wide, curved.	42	M		-
2.21	Stair tread, 50 mm thick, 500 mm wide.	9	M		-
2.22	Stair tread, 50 mm thick, 500 mm wide, curved.	14	M		-
2.23	Stair riser, 30 mm thick, 150 - 170 mm high.	205	M		-
2.24	Stair riser, 30 mm thick, 125 mm and less high.	7	M		-
2.25	Stair riser, 30 mm thick, 190 - 200 mm high.	22	M		-
2.26	Stair riser, 30 mm thick, 200 mm high.	63	M		-
2.27	Stair riser, 30 mm thick, 200 mm high, curved.	43	M		-
	To Collection			JD	-

TOURISM SECTOR DEVELOPMENT PROJECT

BILL NO. 1

HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

LOOKOUTS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
<u>DIVISION 02 - SITEWORKS</u>					
2.28	Stair riser, 30 mm thick, 330 mm high.	9	M		-
2.29	Stair riser, 30 mm thick, 330 mm high, curved.	14	M		-
2.30	Stair riser, 30 mm thick, 400 mm high, curved.	42	M		-
2.31	Stair tread, 40-50mm thick, random shape, 300 mm wide.	8	M		-
2.32	Stair riser, 30 mm thick, random shape, 200 mm high.	8	M		-
2.33	Water run stone, 300 × 150 mm high including 100 × 100 mm channel for water drain, vertical and horizontal as detail D-31, drawing SD.AD-08.	31	M		-
<u>Ailon stone stepping, natural finish, set on compacted soil free pattern, irregular size of minimum size 50 mm thick as shown on drawing.</u>					
2.34	Natural stone stepping, type T.	40	M2		-
<u>Black basalt stone pavers, set on and including sand bed.</u>					
2.35	Floors, 150 × 150 × 100 mm thick, type N.	6	M2		-
<u>02910 PLANT PREPARATION</u>					
<u>Top planting soil including 50 mm thick mulch layer as specification section 02910.</u>					
2.36	300 mm thick top planting soil.	125	M3		-
2.37	50 mm thick mulch layer (pobbles).	415	M2		-
To Collection				JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
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**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
<u>DIVISION 02 - SITEWORKS</u>					
<u>02950 PLANTING</u>					
<u>Palms including excavation, surface treatment to base of pit, planting soil, separation membrane, stakes and ties, in accordance with specification sections 02910 and 02950 (for internal and external planting).</u>					
<u>TREE</u>					
2.38	Punica Granatum.	8	No		-
2.39	Cupressus Sepervirons.	4	No		-
2.40	Cupressus Sempervirons (rocket).	4	No		-
2.41	Erythring Caffra.	4	No		-
2.42	Acacia Mimosa.	1	No		-
2.43	Pinus Pinea.	6	No		-
<u>SHRUBS</u>					
2.44	Lavandula Angustifolia.	80	No		-
2.45	Plumbago Capensis.	4	No		-
2.46	Pelargonium Domesticum.	292	No		-
<u>VINES</u>					
2.47	Bignonia Radicans.	5	No		-
2.48	Myrtus Comminus	27	No		-
To Collection				JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
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**BILL NO. 1
 LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate JD	Amount JD
	<u>DIVISION 02 - SITEWORKS</u>				
	<u>COLLECTION</u>				
	Page No. 1/2/1				-
	Page No.1/2/2				-
	Page No. 1/2/3				-
	Page No. 1/2/4				-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
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**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 03 - CONCRETE WORK</u>				
	<u>03300 CONCRETE</u>				
	<u>Poured concrete in accordance with specification section 03300, 03200 and 03100</u>				
	<u>Substructure</u>				
	<u>Plain concrete class 15 (compressive strength of 15 MPa at 28 days) with sulphate resisting cement</u>				
3.1	Blinding bed, 100 mm thick	430	M ²		-
3.2	Blinding bed, 50 mm thick	16	M ²		-
3.3	Blinding bed to receive waterproofing layers, 50mm thick	500	M ²		-
3.4	Blinding bed to receive waterproofing layers, 50 mm thick, sloped, under stairs and steps.	145	M ²		-
	<u>Plain concrete class 20 (compressive strength of 20 MPa at 28 days) with sulphate resisting cement</u>				
3.5	Walls in any thickness.	30	M ³		-
	<u>Reinforced concrete class 30 (compressive strength 30 MPa at 28 days) with sulphate resisting cement</u>				
3.6	Slab on grade, 100mm thick	50	M3		-
	<u>Reinforced concrete class 30 (compressive strength of 30 MPa at 28 days) with sulphate resisting cement</u>				
3.7	Trench foundation	140	M ³		-
3.8	Ground beams	3	M ³		-
3.9	Columns neck	0.5	M ³		-
3.10	Walls, in any thickness, in contact with soil.	125	M ³		-
3.11	Stairs and steps cast on grade.	34	M ³		-
	To Collection			JD	-

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LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 03 - CONCRETE WORK</u>				
	<u>SUPER STRUCTURE</u>				
	<u>Reinforced concrete class 30 (compressive strength of 30 MPa at 28 days) with Ordinary Portland Cement</u>				
3.12	Suspended solid slab, 150mm thick	9	M ³		-
3.13	Suspended solid slab, 200mm thick	18.5	M ³		-
3.14	Vault solid slabs.	1.5	M ³		-
3.15	Drop and upstand Beams	3	M ³		-
3.16	Beams	3	M ³		-
3.17	Walls, in any thickness	99	M ³		-
3.18	Arch lenticils and beams.	5	M ³		-
3.19	Columns	4	M ³		-
3.20	Staircases and attached beams	3.5	M ³		-
	<u>Concret Formwork</u>				
	<u>Extra Over for fairface concrete (Grade 1) finish including 'positioning of grooves, chamamfer, " V" shapes, recesses etc., complete as shown on the drawings and as specifications.</u>				
3.21	Ordinary formwork complete as per specification	2353	m2		-
	<u>Concrete Reinforcement</u>				
	<u>Deformed high yield bar reinforcement of characteristics 'strength FY=420 Mpa, including bending, hooks tying wires 'distance blocks and spacers, complete 'as per specifications</u>				
3.23	Various diameters	48.46	ton		-
	<u>Deformed mild steel bar reinforcement of characteristic strength FY=280 Mpa including bending, hooks, tying wires, distance blocks and spacer, complete as per specifications</u>				
3.24	Verious diameter	2.55	ton		-
	<u>Welded fabric wire mesh " Type A142" including all necessary fixings and laps complete as per specifications</u>				
	To Collection			JD	-

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HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 1
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Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
	<u>04200 MASONRY</u>				
	<u>Hollow concrete blockwork including, forming cavity, reinforcement, wall ties and accessories in accordance with specification section 04200.</u>				
4.1	100 mm thick wall.	20	M2		-
	<u>04400 NATURAL STONE CLADDING</u>				
	<u>Ailon local stone cladding, fixed to faces of concrete and blockwork with 8 mm diameter every 200 mm both sides reinforcement net fixed to walls including anchor bolts, steel dowels, and backing cement mortar in accordance with specification section 04400</u>				
4.2	Vertical to columns and walls, fine mechanical bush hammered, 250mm highx 40mm thick	970	M2		-
4.3	Vertical to columns and walls, fine mechanical bush hammered, 250 mm high x 40 mm thick, curved.	250	M2		-
4.4	Soffit of volted slabs.	13	M2		-
4.5	Coping, 300 mm wide/ and less × 50 mm thick, mechanical bush hammered.	89	M		-
4.6	Coping, 300x50 mm thick, mechanical bush hammered, curved.	35	M		-
4.7	Coping, 350x50 mm thick, mechanical bush hammered	81	M		-
4.8	Coping, 400x50 mm thick, mechanical bush hammered.	39	M		-
4.8	Coping, 500 × 50 mm thick, mechanical bush hammered, curved.	23	M		-
4.9	Coping, 600 × 50 mm thick, mechanical bush hammered.	44	M		-
4.10	Coping, 600 × 50 mm thick, mechanical bush hammered, curved.	12	M		-
4.11	Coping, 50 mm thick × variable wide.	15	M2		-
	<u>Surround to face, sides and soffits of stone arches</u>				
4.12	Stone arches 350 mm max. course high.	64	M		-
	To Collection			JD	-

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**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
	<u>Ajlon local stone cladding, 40 mm average thick, random size, fixed to concrete walls with cement mortar, honed finish, in accordance with specification section 04400</u>				
4.13	Vertical to walls.	100	M2		-
4.14	Coping to walls, 450 mm wide.	66	M		-
	<u>Built-in stone bench comprising 100 mm thick × 500 mm wide Ajlon stone seat, 100 or 150 mm thick Hollow block sides faced with 40 mm thick stone and concrete base and backing.</u>				
4.15	Built-in bench, 500 mm wide × 500 mm high, as detail D-28, drawing SD.AD-07.	21	M		-
4.16	Built-in bench, 500 mm wide × 450 mm high, for Kamal Al Shaer lookout, as detail D-32, drawing SD.AD-08.	7	M		-
	<u>Built-in stone sign base type D as detail D-22, drawing SD.AD-05, including 30 mm thick stone cladding and coping, concrete wall, base and sloped slab, reinforcement, single size fill and cement mortar.</u>				
4.17	Stone Sing base type D, overall size 1450 × 320/ 900 × 1150 high.	4	No		-
	To Collection			JD	-

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**BILL NO. 1
 LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
	<u>Collection</u>				
	Page No. 1/4/1				-
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**TOURISM SECTOR DEVELOPMENT PROJECT
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**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 05 - METALS</u>				
	<u>STEEL SCREEN</u>				
	<u>Decorative steel tube screen including fixing, powder coated finish as Screen drawings and as specification section 05500</u>				
5.1	Steel screen, size 1400 x 500 mm high.	3	No		-
5.2	Steel screen, size 1200 x 500 mm high.	1	No		-
5.3	Steel screen, size 1000 x 500 mm high.	2	No		-
5.4	Steel screen, size 400 x 500 mm high.	1	No		-
5.5	Steel screen for parapets, 500 mm high, as shown on facad drawings.	90	M		-
	<u>TREE BED COVER</u>				
	<u>Cast-iron, medium duty tree bed cover including frame, fixing and concrete ring as required.</u>				
5.6	Tree bed cover, 1000 mm diameter, type 1 as detail D-11, drawing SD.AD-03.	3	No		-
	<u>Steel cover for water tank, constructed form 1.5mm thick galvanized sheet cover, steel angles frame, fixing, grouting and rubber gasket in accordance with specification section 05500</u>				
5.7	Hinged cover, 600 mm x 600 mm.	1	No		-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 06 - WOOD AND PLASTICS</u>				
	<u>06200 FINISH CARPENTRY</u>				
	<u>Wood Seats</u>				
	<u>Beech wood seat comprising 100 × 80 mm wood rib fixed on and including steel structure frame, oil paint, fixing and concrete base, as specification section 06200 and detail D-27, drawing SD.AD-07.</u>				
6.1	Wood seat, overall size 500 wide × 450 mm high.	24	NO		-
	<u>Wood Pergolas</u>				
	<u>Mahogany wood pergola, including all decorative wood members, clear finish, steel channels, fixing and accessories as specification section 06200</u>				
6.2	Al Qalaa lookout bottom pergola comprising 100 × 200 mm high main beams, 100 × 150 mm secondary beams and 200 mm diameter painted steel pipe columns, overall size on plan 3900 × 4450 × 2840 mm high.	1	NO		-
6.3	Ditto but for top pergola, overall size on plan 3750 × 2700 × 2040 mm high.	1	NO		-
6.4	Al - Shaer lookout pergola comprising 200 × 150 mm main beams and 100 × 75 mm secondary beams fixed on walls, overall area on plan 30 M2.	1	NO		-
6.5	Al - Jaddaa lookout pergola comprising 200 × 75 mm main beams and 200 × 75 mm secondary beams fixed on walls, overall area on plan 12 M2.	1	NO		-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 07 - THERMAL & MOISTURE PROTECTION</u>				
	<u>07005 WATERPROOFING AND DAMPPROOFING</u>				
	<u>Single layer of polyster membrane, 4 mm thick, film finish, in accordance with specification section 07005.</u>				
7.1	Horizontal to beds under slab on grade and stairs.	600	M2		-
7.2	Horizontal to wet area	27	M2		-
7.3	Horizontal and vertical to concrete planters.	50	M2		-
	<u>Two coats of cold applied black bitumen coating solution as waterproofing to concrete and block work in accordance with specification section 07005</u>				
7.4	To concrete surfaces in contact with soil below grade	1250	M2		-
	<u>Sundries in accordance with specification section 07005</u>				
7.5	Expanded polystyrene protection board, 20 mm thick applied to horizontal and vertical surfaces in contact with soil	1250	M2		-
	<u>Proprietary chemical water tank waterproofing comprising waterproofing layer in accordance with specification section 07005</u>				
7.6	Horizontal and vertical surfaces for water tank, internally	7.5	M2		-
	<u>07500 ROOFING SYSTEM</u>				
	<u>Single layer of polyester roof waterproofing membrane including angle fillets and accessories all in accordance with specification section 07500</u>				
7.7	Flat covering to roof on screed (measured separately) 4mm thick, slate finish.	28	M2		-
7.8	Flat covering to tiled roofs on screed (measured separately) 4 mm thick, film finish.	32	M2		-
7.9	Vertical covering to concrete and block work plinth, 4mm thick including slate finish, girth 250 mm	45	M		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
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**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 07 - THERMAL & MOISTURE PROTECTION</u>				
	<u>Sundries in accordance with specification section 07500</u>				
7.10	Working around roof and balcony drains	4	No		-
	<u>Aluminium flashing including fixings, accessories reglet channel, and pointing with polysulphide rubber based compound in accordance with specification section 07300</u>				
7.11	Girth 250 mm	45	M		-
	To Collection			JD	-

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**BILL NO. 1
 LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 07 - THERMAL & MOISTURE PROTECTION</u>				
	<u>COLLECTION</u>				
	Page No. 1/7/1				-
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	To Summary			JD	-

TOURISM SECTOR DEVELOPMENT PROJECT

BILL NO. 1

HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

LOOKOUTS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 08 - DOORS AND WINDOWS</u>				
	<u>08114 STEEL DOORS AND FRAMES</u>				
	<u>Decorative painted galvanized steel tube doors and frames including decoration, painting, hardware and sealant in accordance with specification section 08114</u>				
8.1	Door, 2200 X 2300, for kiosk, arch Top.	1	No		-
8.2	Door, 2500 X 2300, for kiosk, arch Top.	1	No		-
8.3	Door, 2000 X 2300, for kiosk, arch Top.	1	No		-
	<u>08211 WOOD DOORS AND FRAMES</u>				
	<u>Pine full flush wood door and frame including oil painting, hardware and sealant in accordance with specification section 08211</u>				
8.4	Door, 800 x 2250 mm.	1	No		-
8.5	Door, 1000 x 2250 mm.	1	No		-
8.6	Door, 900 × 2080 mm.	1	No		-
	<u>08520 ALUMINIUM WINDOWS</u>				
	<u>Polyester powder coated aluminium windows, single glazed with 6 mm clear float glass including flashing, ironmongery, flyscreens, sealant, fixing beads and gaskets in accordance with specification section 08250</u>				
8.7	Window, overall size 1200 x 1250 mm, arch top.	1	No		-
8.8	Window, overall size 800 x 1250 mm, arch top.	1	No		-
8.9	Window, size 500 × 1000 mm.	1	No		-
	To Summary			JD	-

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**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 09 - FINISHES</u>				
	<u>INTERNAL FINISHES</u>				
	<u>09220 PORTLAND CEMENT PLASTER</u>				
	<u>20 mm thick, three coat plaster including all necessary angles, stop beads and expanded metal strips at junctions of differing backgrounds in accordance with specification section 09220</u>				
	<u>Internal</u>				
9.1	Walls, columns , internally	95	M ²		-
9.2	Soffits of concrete slabs	50	M ²		-
	<u>External</u>				
9.3	Walls, external	85	M ²		-
9.4	Roof parapets and walls	15	M ²		-
9.5	Soffits of external concrete slabs	5	M ²		-
	<u>09300 CERAMIC TILING</u>				
	<u>Local ceramic tiles, top quality, fixed with adhesive including background (cement screed and plaster) and grouting in accordance with specification section 09300,</u>				
9.6	Floor tiles, 200 x 200 x 7 mm thick for bathrooms and wash basin area.	22	M ²		-
9.7	Wall tiles, 200 x 300 x 6 mm thick for bathrooms and wash basin area.	76	M ²		-
	<u>09410 TERRAZZO TILING</u>				
	<u>Terrazzo tiles on and including 20 mm thick mortar bed and grouting in accordance with specification section 09410</u>				
9.8	Floor tiles, 250 x 250 x 25 mm, for kiosks.	25	M ²		-
9.9	Skirting, 15 mm thick x 100 mm high, for kiosks.	26	M		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 09 - FINISHES</u>				
	<u>09600 STONE FLOOR AND WALL TILING</u>				
	<u>Local vanity top marble, rounded edge, consist of 30mm thick horizontal top and 20 mm thick vertical unit, including galvanized angle fixing, adhesive material, decorative marble, sealant and all accessories, including extra over for wash hand basin cutout.</u>				
9.10	1350 mm long with 1 no cutout.	1	No		-
9.11	1300 mm long with 2 nos. cutout	1	No		-
	<u>09902 PAINTING</u>				
	<u>Internal</u>				
	<u>Plastic acrylic paint to internal plaster in accordance with specification section 09902</u>				
9.12	Walls, columns and parapets, internally	95	M ²		-
9.13	Soffits of concrete slabs	50	M ²		-
	<u>External</u>				
	<u>Plastic acrylic paint with fine texture to external plaster in accordance with specification section 09902</u>				
9.14	External walls	85	M ²		-
9.15	External ceilings	5	M ²		-
9.16	Roof parapets and walls	15	M ²		-
9.17	Existing plastered and painted walls, re-paint.	95	M ²		-
	<u>SUNDRIES</u>				
	<u>Cement screed , slop to drain, steel trowled, smooth finish</u>				
9.18	50 mm minimum thick to roofs.	60	M2		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
 HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 1
 LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 09 - FINISHES</u>				
	<u>COLLECTION</u>				
	Page No. 1/9/1				-
	Page No. 1/9/2				-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 1
LOOKOUTS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 10 - SPECIALTIES</u>				
	<u>SIGNING SYSTEM</u>				
	<u>Out door information system, made of stove enamelled aluminium sheet, including silk screened lettering, frame made of extruded aluminium with radius corners and edges,</u>				
10.1	Floor pole mounted display sign, including fastening by galvanized fittings, type A.	4	No		-
10.2	Floor mounted and plazas, including fastening, type D.	4	No		-
	<u>LITTER BIN</u>				
	<u>Galvanized steel litter bin, including waste basket, supporting tubes, tube post, cast iron motif and concrete base.</u>				
10.3	Litter bin, as detail D-25, drawing SD.AD-07.	12	No		-
	To Summary			JD	-

HISTORIC OLD SALT DEVELOPMENT SUB-PROJECT
THE TOURISM SECTOR DEVELOPMENT PROJECT

VOLUME III

BILL NO. 2 PLAZAS AND STREET WORKS

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
SUMMARY**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	DIVISION 02 SITEWORKS				-
	DIVISION 03 CONCRETE				-
	DIVISION 04 MASONRY				-
	DIVISION 05 METALWORK				-
	DIVISION 06 WOOD AND PLASTICS				-
	DIVISION 07 THERMAL AND MOISTURE PROTECTION				-
	DIVISION 08 DOORS & WINDOWS				
	DIVISION 09 FINISHES				
	DIVISION 10 - SPECIALTIES				-
	DIVISION 11 EQUIPMENT				
	DIVISION 12 FURNISHINGS				
	DIVISION 13 SPECIAL CONSTRUCTION				
	DIVISION 14 CONVEYING SYSTEMS				
	DIVISION 15 MECHANICAL				
	DIVISION 16 ELECTORICAL				
	To General Summary-1			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 02 - SITEWORKS</u>				
	<u>02060 DEMOLITION WORKS & SITE CLEARANCE</u>				
	<u>Demolition including all substructure, structure, all services, except existing utilities to be maintain with necessary protection, and all necessary works incidental thereto complete, including removing and disposal of all debris etc..., site clearance and preparation the area to receive new construction.</u>				
2.1	Site clearance and preparation for new construction including any required demolition of existing walls, asphalt paving and walkway paving including curbstone for Al - Ain Plaza.	Item	Sum		-
2.2	Site clearance and preparation for new construction including any required demolition of existing walls, asphalt paving and walkway paving including curbstone, for Al - Hammam Plaza.	Item	Sum		-
2.3	Site clearance and preparation for new construction including any required demolition of existing walls and walkway paving including curbstone, for Al-Midan Plaza.	Item	Sum		-
2.4	Site clearance and preparation for new construction including any required demolition of existing walls, asphalt paving and walkway paving including curbstone, for Al - Baladieh Plaza.	Item	Sum		-
2.4a	Protection of existing utilities (Provisional Sum)	1	LS	3,000.00	3,000.00
	<u>02220 EXCAVATION AND BACKFILLING</u>				
	<u>EXCAVATION</u>				
	<u>Excavation in any class of ground including earthwork, support, disposal of excavated material out of site, dewatering and surface treatment in accordance with specification section 02220</u>				
2.5	Bulk excavation to reduce Levels from ground level not exceeding 1.5 m.	300	M ³		-
2.6	Trench excavation to receive foundation	200	M ³		-
	<u>BACKFILL</u>				
	<u>A1a class imported fill material in accordance with specification section 02220.</u>				
2.7	Fill into excavations	210	M ³		-
	To Collection			JD	

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 02 - SITEWORKS</u>				
2.8	To make up levels.	75	M ³		-
	<u>02230 GRANNAR SUBBASE</u>				
	<u>Base-Course fill materials in accordance with specification sections 02220 and 02230</u>				
2.9	150 mm thick compacted base-course.	45	M ³		-
2.10	150 mm thick compacted base-course, sloped under stairs and steps.	15	M ³		-
	<u>02517 STONE PAVERS</u>				
	<u>Ajlon local stone tile, mechanical bush hummered finish, on and including 30 mm thick cement mortar beds, sand fill and grouting in accordance with specification section 02517.</u>				
2.11	Floors, 200 × 200 × 30 mm thick, type H.	8.5	M2		-
2.12	Floors and stepes, 250 mm wide × 30 mm thick, type A.	915	M2		-
2.13	Floors and stepes, 250 mm wide × 30 mm thick, type A, curved.	30	M2		-
2.14	Patterned floor, 250 mm wide × 30 mm thick, arch patterned for Al - Hammam Plaza area.	40	M2		-
2.15	Floors, random stone, 30 mm thick, type C.	785	M2		-
2.16	Floors, 300 × 300 × 30 mm thick, type F.	80	M2		-
2.17	Band, 100 mm wide × 30 mm thick.	9	M		-
2.18	Band, 400 × 100 wide × 30 mm thick, type M.	25	M		-
2.19	Band, 250 wide × 30 mm thick, type A stone.	140	M		-
2.20	Band, 250 wide × 30 mm thick, curved, type A stone.	130	M		-
	<u>Ajlon local stone pavers, set on and including sand bed in accordance with specification section 02517.</u>				
2.21	Floors, 150 × 150 × 100 mm thick, honed finish, type B.	1425	M2		-
2.22	Floors, 150 × 150 × 100 mm thick, honed finish, type B, curved.	45	M2		-
To Collection				JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
<u>DIVISION 02 - SITEWORKS</u>					
<u>Black basalt stone pavers, set on and including sand bed.</u>					
2.23	Floors, 150 × 150 × 100 mm thick, type N.	165	M2		-
2.24	Floors, 150 × 150 × 100 mm thick, type N, curved.	300	M2		-
<u>Ajlon stone rizers and curbs, sand plast finish, round top edg, including mortar bed, sand fill and grouting in accordance with specification section 02517.</u>					
2.25	Stone rizer, type D1, 200 × 150 × 400 mm long.	195	M		-
2.26	Stone rizer, type D1, 200 × 150 × 400 mm long, curved.	5	M		-
2.27	Stone rizer, type D2, 250 × 150 × 400 mm long.	10	M		-
2.28	Stone curbs, size 250 mm high × 150 wide × 400 mm long, type S.	235	M		-
2.29	Stone curbs, size 250 mm high × 150 wide × 400 mm long, curved, type S.	240	M		-
<u>SUNDRIES</u>					
<u>Re-leveling of existing manholes cover including concrete rings, heavy duty castiron cover and frame of tiled type as detail D-23, drawings SD.AD-06.</u>					
2.30	800 × 800 tiled type manhole cover.	19	No		-
<u>02518 CONCRETE PAVERS</u>					
<u>Precast concrete curbs set in mortar bed including foundation and haunchings.</u>					
2.31	Concrete curbs, 400 × 300 mm high × 150 mm thick, type R.	20	M		-
<u>02910 PLANT PREPARATION</u>					
<u>Top planting soil including 50 mm thick mulch layer as specification section 02910.</u>					
2.32	300 mm thick top planting soil.	100	M3		-
2.33	50 mm thick mulch layer (pobbles).	190	M2		-
To Collection				JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
 HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
 PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 02 - SITEWORKS</u>				
	<u>COLLECTION</u>				
	Page No. 2/2/1				-
	Page No. 2/2/2				-
	Page No. 2/2/3				-
	Page No. 2/2/4				-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 03 - CONCRETE WORK</u>				
	<u>03300 CONCRETE</u>				
	<u>Poured concrete in accordance with specification section 03300, 03200 and 03100</u>				
	<u>Substructure</u>				
	<u>Plain concrete class 15 (compressive strength of 15 MPa at 28 days) with sulphate resisting cement</u>				
3.1	Blinding bed, 100 mm thick	175	M ²		-
	<u>Plain concrete class 20 (compressive strength of 20 MPa at 28 days) with sulphate resisting cement</u>				
3.2	Walls in any thickness.	10	M ³		-
	<u>Reinforced concrete class 30 (compressive strength 30 MPa at 28 days) with sulphate resisting cement</u>				
3.4	Slab on grade, 100 mm thick	150	M3		-
	<u>Reinforced concrete class 30 (compressive strength of 30 MPa at 28 days) with sulphate resisting cement</u>				
3.5	Trench foundation	40	M ³		-
3.6	Walls, in any thickness, in contact with soil.	60	M ³		-
3.7	Stairs and steps cast on grade.	9	M ³		-
3.8	Ground beams between tiles as D-16, drawing SD.AD-04.	104	M3		-
	<u>SUPER STRUCTURE</u>				
	<u>Reinforced concrete class 30 (compressive strength of 30 Mpa at 28 days) with Ordinary Portland Cement.</u>				
3.9	Walls, in any thickness	15	M ³		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 03 - CONCRETE WORK</u>				-
	<u>Concrete Reinforcement</u>				-
	<u>Deformed high yield bar reinforcement of characteristics strength FY=420 Mpa, including bending, hooks tying wires 'distance blocks and spacers, complete 'as per specifications</u>				-
3.12	Various diameters	33.69	ton		-
	<u>Deformed mild steel bar reinforcement of characteristic strength FY=280 Mpa including bending, hooks, tying wires, distance blocks and spacer, complete as per specifications</u>				-
3.13	Verious diameter	1.77	ton		-
	<u>Welded fabric wire mesh " Type A142" including all necessary fixings and laps complete as per specifications</u>				-
	Concrete formwork Ordinary formwork complete as per specifications	954	m2		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
 HISTORIC OLD SALT DEVELOPMENT- HISTORIC OLD SALT MUSEUM**

**BILL NO. 2
 EXTERNAL WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 03 - CONCRETE WORK</u>				
	<u>COLLECTION</u>				
	Page No. 2/3/1				-
	Page No. 2/3/2				-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
	<u>04400 NATURAL STONE CLADDING</u>				
	<u>Ailon local stone cladding, fixed of faces of concrete and blockwork with 8 mm diameter every 200 mm both sides reinforcement net fixed to walls including anchor bolts, steel dowels, and backing cement mortar in accordance with specification section 04400.</u>				
4.1	Vertical to columns and walls, fine mechanical bush hammered, 250 mm high x 40 mm thick.	270	M2		-
4.2	Vertical to columns and walls, fine mechanical bush hammered, 250 mm high x 40 mm thick, curved.	60	M2		-
4.3	Coping, 200 mm wide/ and less × 50 mm thick, mechanical bush hammered.	5	M		-
4.4	Coping, 300 x 50 mm thick, mechanical bush hammered, curved.	11	M		-
4.5	Coping, 300 x 50 mm thick, mechanical bush hammered.	68	M		-
4.6	Coping, 750 x 50 mm thick, mechanical bush hammered.	9	M		-
4.7	Coping 350 × 50 mm thick, mechanical bush hammered.	39	M		-
4.8	Coping 350 × 50 mm thick, mechanical bush hammered, curved.	6	M		-
4.9	Coping 600 × 50 mm thick, mechanical bush hammered.	2	M		-
4.10	Coping 650 × 50 mm thick, mechanical bush hammered.	1	M		-
	<u>Ailon local stone cladding, 40 mm average thick, random size, fixed to concrete walls with cement mortar, honed finish, in accordance with specification section 04400</u>				
4.11	Vertical to walls.	100	M2		-
4.12	Coping to walls, 450 mm wide.	66	M		-
	To Collection			JD	-

TOURISM SECTOR DEVELOPMENT PROJECT

BILL NO. 2

HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

PLAZAS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
	<u>Built-in stone bench comprising 100 mm thick × 500 mm wide Ajlon stone seat, 100/ 150 mm thick Hollow bolck sides faced with 40 mm thick stone and concrete base and backing.</u>				
4.13	Built-in bench, 500 mm wide × 450 mm high, as detail D-28, drawing SD.AD-07.	33	M		-
4.14	Built-in bench, 500 mm wide × 450 mm high × 1100 mm long, as detail D-28, drawing SD.AD-07.	7	No		-
	<u>Built-in clock base comprising 40 mm thick Ajlon stone walls, concrete backing, 100 mm thick concrete slab with reinforcement, 100 mm thick Hollow concrete block, concrete base and 50 mm thick stone coping, as detail D-26, SD.AD-06.</u>				
4.15	Clock stone base, 700 × 700 × 770 mm high.	4	No		-
	<u>Built-in stone sign base type D as detail D-22, drawing SD.AD-05, including 30 mm thick stone cladding and coping, concrete wall, base and sloped slab, reinforcement, single size fill and cement mortar.</u>				
4.16	Stone Sing base type D, overall size 1450 × 320/ 900 × 1150 high.	2	No		-
To Collection				JD	-

TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

BILL NO. 2
PLAZAS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
	<u>COLLECTION</u>				
	Page No. 2/4/1				-
	Page No. 2/4/2				-
	To Summary			JD	-

TOURISM SECTOR DEVELOPMENT PROJECT

BILL NO. 2

HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

PLAZAS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 05 - METALS</u>				
	<u>TREE BED COVER</u>				
	<u>Cast-iron, medum deuty tree bed cover including frame, fixing and concrete ring as required.</u>				
5.1	Tree bed cover, 1000 mm diameter, type 1 as detail D-11, drawing SD.AD-03.	2	No		-
	<u>STEEL BOLLARD</u>				
	<u>100 mm diameter steel pipe bollard, including concrete bed with steel pipe sleeve and painting.</u>				
5.2	900 mm clear high bollard, as detail D-24, drawing SD.AD-06.	17	No		-
	<u>Decorative steel tube clocks structure, including fixing, powder coated finish, as detail D-26, drawing SD.AD-06.</u>				
5.3	Clocks steel structure, 650 × 650 × 3000 mm high.	4	No		-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
 HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
 PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<p><u>DIVISION 06 - WOOD AND PLASTICS</u></p> <p><u>06200 FINISH CARPENTRY</u></p> <p><u>Wood Seats</u></p> <p><u>Beech wood seat comprising 100 × 80 mm wood rib fixed on and including steel structure frame, oil paint, fixing and concrete base, as specification section 06200, and detail D-27, drawing SD.AD-07.</u></p>				
6.1	Wood seat, overall size 500 wide × 450 mm high, 1550 mm long.	16	NO		-
To Summary				JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 2
PLAZAS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 07 - THERMAL & MOISTURE PROTECTION</u>				
	<u>07005 WATERPROOFING AND DAMPPROOFING</u>				
	<u>Single layer of polyster membrane, 4 mm thick, film finish, in accordance with specification section 07005</u>				
7.1	Horizontal and vertical to concrete planters.	35	M2		-
	<u>Two coats of cold applied black bitumen coating solution as waterproofing to concrete and block work in accordance with specification section 07005</u>				
7.2	To concrete surfaces in contact with soil below grade	370	M2		-
	<u>Sundries in accordance with specification section 07005</u>				
7.3	Expanded polystyrene protection board, 20 mm thick applied to horizontal and vertical surfaces in contact with soil	370	M2		-
	To Summary			JD	-

TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

BILL NO. 2
PLAZAS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 10 - SPECIALTIES</u>				
	<u>SIGNING SYSTEM</u>				
	<u>Out door information system, made of stove enameled aluminium sheet, including silk screened lettering, frame made of extruded aluminium with radius corners and edges,</u>				
10.1	Floor pole mounted display sign, including fastening by galvanized fittings, type A, as detail D-19, drawing SD.AD-05.	7	No		-
10.2	Floor pole mounted and plazas, including fastening, type B, as detail D-20, drawing SD.AD-05.	1	No		-
10.3	Wall/ floor mounted type D, as detail D-22, drawing SD.AD-05 (concrete and stone base not included).	2	No		-
	<u>LITTER BIN</u>				
	<u>Galvanized steel litter bin, including waste basket, supporting tubes, tube post, cast iron motif and concrete base.</u>				
10.4	Litter bin, as detail D-25, drawing SD.AD-07.	11	No		-
	To Summary			JD	-

HISTORIC OLD SALT DEVELOPMENT SUB-PROJECT
THE TOURISM SECTOR DEVELOPMENT PROJECT

VOLUME III

BILL NO. 3 TRAILS WORKS

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	DIVISION 02 SITEWORKS				-
	DIVISION 03 CONCRETE				-
	DIVISION 04 MASONRY				-
	DIVISION 05 METALWORK				-
	DIVISION 06 WOOD AND PLASTICS				-
	DIVISION 07 THERMAL AND MOISTURE PROTECTION				-
	DIVISION 09 FINISHES				-
	DIVISION 10 - SPECIALTIES				-
	To General Summary-1			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
<u>DIVISION 02 - SITEWORKS</u>					
<u>02060 DEMOLITION WORKS & SITE CLEARANCE</u>					
<u>Demolition including all substructure, structure, all services, except existing utilities to be maintain with necessary protection, and all necessary works incidental thereto complete, including removing and disposal of all debris etc..., site clearance and preparation the area to receive new construction.</u>					
2.1	Site clearance and preparation for new construction including any required demolition of existing asphalt paving and walkway paving including curbstone.	6850	M2		-
2.2	Demolition of projected existing stairs and concrete stairs, walls and slabs on grade.	118	M3		-
2.2a	Protection of existing utilities and adjacent propaty (Provisional Sum)	1	LS	15,000.00	15,000.00
<u>02220 EXCAVATION AND BACKFILLING</u>					
<u>EXCAVATION</u>					
<u>Excavation in any class of ground including earthwork, support, disposal of excavated material out of site, dewatering and surface treatment in accordance with specification section 02220</u>					
2.3	Bulk excavation to reduce Levels from ground level not exceeding 1.5 m.	260	M ³		-
2.4	Trench and pit excavation to receive foundation.	250	M ³		-
<u>BACKFILL</u>					
<u>A1a class imported fill material in accordance with specification section 02220.</u>					
2.5	Fill into excavations	115	M ³		-
2.6	To make up levels for stairs and streets.	50	M ³		-
<u>02230 GRANNAR SUBBASE</u>					
<u>Base-Course fill materials in accordance with specification sections 02220 and 02230</u>					
2.7	150 mm thick compacted base-course.	10	M ³		-
To Collection				JD	

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 02 - SITEWORKS</u>				
	<u>02517 STONE PAVERS</u>				
	<u>Ajlon local stone tile, mechanical bush hummered finish, on and including 30 mm thick cement mortar beds, sand fill and grouting in accordance with specification section 02517.</u>				
2.8	Floors, 200 × 200 × 30 mm thick, type H.	430	M2		-
2.9	Floors and steps, 250 mm wide × 30 mm thick, type A.	2730	M2		-
2.10	Stair floors, 250 mm wide × 30 mm thick, arch shape, type A.	9	M2		-
2.11	Patterned floor, 250 mm wide × 30 mm thick, circular patterned for AI - Jadaa trail, type E.	30	M2		-
2.12	Floors, random stone, 30 mm thick, type C.	160	M2		-
2.13	Floors, 250 × 250 × 30 mm thick, type G.	102	M2		-
2.14	Band, 300 × 300 mm wide × 30 mm thick, type F tile.	5	M		-
2.15	Band, 400 × 100 wide × 30 mm thick, type M.	110	M		-
	<u>Ajlon local stone pavers, set on and including sand bed in accordance with specification section 02517.</u>				
2.16	Floors, 150 × 150 × 100 mm thick, honed finish, type B.	340	M2		-
	<u>Black basalt stone pavers, set on and including sand bed.</u>				
2.17	Floors, 150 × 150 × 100 mm thick, type N.	1650	M2		-
2.18	Floor band, 150 × 150 × 100 mm thick, type N, 150 mm wide.	45	M		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
<u>DIVISION 02 - SITEWORKS</u>					
<u>Ajlon stone rizers and curbs, sand plast finish, round top edg, including mortar bed, sand fill and grouting in accordance with specification section 02517.</u>					
2.19	Stone rizer, type D1, 200 × 150 × 400 mm long.	950	M		-
2.20	Stone rizer, type D1, 200 × 150 × 400 mm long, curved.	36	M		-
2.21	Stone rizer, type D2, 250 × 150 × 400 mm long.	1790	M		-
2.22	Stone rizer, type D2, 250 × 150 × 400 mm long, curved.	11	M		-
2.23	Stone rizer, type D3, 300 × 150 × 400 mm long.	730	M		-
2.24	Stone curbs, size 250 mm high × 150 wide × 400 mm long, type R.	410	M		-
2.25	Stone curbs, size 250 mm high × 150 wide × 400 mm long, type S, curved.	10	M		-
<u>SUNDRIES</u>					
<u>Re-leveling of existing manholes cover including concrete rings, heavy duty castiron cover and frame of tiled type as detail D-23, drawings SD.AD-06.</u>					
2.26	800 × 800 tiled type manhole cover.	67	No		-
<u>02518 CONCRETE PAVERS</u>					
<u>Precast concrete curbs set in mortar bed including foundation and haunchings.</u>					
2.27	Concrete curbs, 400 × 300 mm high × 150 mm thick, type R.	520	M		-
<u>Precast concrete tile on and including mortar bed and sand fill on concrete slab (measured separately).</u>					
2.28	200 × 200 × 40 mm smooth finish, type Q.	425	M2		-
<u>02575 PAVEMENT WORK</u>					
<u>Asphalt paving including 50 mm binder course, over existing pavement as specification section 02575.</u>					
2.29	Asphalt pavement, 300 mm total courses thick.	3250	M2		-
To Collection				JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 02 - SITEWORKS</u>				
	<u>02910 PLANT PREPARATION</u>				
	<u>Top planting soil including 50 mm thick mulch layer as specification section 02910.</u>				
2.30	Top planting soil.	80	M3		-
2.31	50 mm thick mulch layer (pebbles).	85	M2		-
	<u>02950 PLANTING</u>				
	<u>Shrubs and trees including excavation, surface treatment to base of pit, planting soil, separation membrane, mulch, stakes and ties, in accordance with specification sections 02910 and 02950.</u>				
2.32	Tilia Argentia 12/14.	8	No		-
2.33	Bougainvillea Spectabilis.	10	No		-
2.34	Cupressus Sempervirons Var (rocket).	17	No		-
2.35	Pelargonium Domesticum.	945	No		-
2.36	Jaccaranda Acutifolia.	4	No		-
2.37	Bignonia Radicans.	15	No		-
2.38	Carpobrutus Edulis.	84	No		-
2.39	Lonicera Sempervirons.	18	No		-
2.40	Hedera Helix.	26	No		-
2.41	Vitis Vinifera.	3	No		-
2.42	Fraxinus Ornus.	1	No		-
2.43	Albizia Jullibrissin.	1	No		-
2.44	Plumbago Capensis.	38	No		-
2.45	Pittosporum Tobira.	8	No		-
2.46	Acacia Mimosa.	2	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 03 - CONCRETE WORK</u>				
	<u>03300 CONCRETE</u>				
	<u>Poured concrete in accordance with specification section 03300, 03200 and 03100</u>				
	<u>Substructure</u>				
	<u>Plain concrete class 15 (compressive strength of 15 MPa at 28 days) with sulphate resisting cement</u>				
3.1	Blinding bed, 100 mm thick	230	M ²		-
	<u>Plain concrete class 20 (compressive strength of 20 MPa at 28 days) with sulphate resisting cement</u>				
3.2	Mass concrete for forming stair new level.	95	M ³		-
3.3	Cyclopean concrete, as details D16, Drawing SD.AD-04.	15	M ³		-
	<u>Reinforced concrete class 30 (compressive strength 30 MPa at 28 days) with sulphate resisting cement</u>				
3.4	Slab on grade, 100 mm thick	8	M3		-
	<u>Reinforced concrete class 30 (compressive strength of 30 MPa at 28 days) with sulphate resisting cement</u>				
3.5	Trench foundation	48	M ³		-
3.6	Columns.	0.5	M ³		-
3.7	Walls, in any thickness, in contact with soil.	86	M ³		-
3.8	Stairs and steps cast on grade.	13	M ³		-
3.9	Tiling ground beam supports between tiles as detail D16, drawing SD.AD-04.	40	M3		-
	<u>SUPER STRUCTURE</u>				
	<u>Reinforced concrete class 30 (compressive strength of 30 Mpa at 28 days) with Ordinary Portland Cement.</u>				
3.10	Walls, in any thickness	26	M ³		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 03 - CONCRETE WORK</u>				
	<u>Concret Formwork</u> Extra Over for fairface concrete (Grade 1) finish including positioning of grooves, chamamfer, " V" shapes, recesses etc., complete as shown on the drawings and as specifications.				
3.11	Ordinary formwork, complete as per specification	1036	m2		-
	<u>Concrete Reinforcement</u> Deformed high yield bar reinforcement of characteristics strength FY=420 Mpa, including bending, hooks tying wires distance blocks and spacers, complete as per specifications				
3.13	Various diameters	18.77	ton		-
	Deformed mild steel bar reinforcement of characteristic strength FY=280 Mpa including bending, hooks, tying wires, distance blocks and spacer, complete as per specifications				
3.14	Verious diameter	0.99	ton		-
	Welded fabric wire mesh " Type A142" including all necessary fixings and laps complete as per specifications				-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
	<u>04200 MASONRY</u>				
	<u>Hollow concrete blockwork including forming cavity, reinforcement, wall ties and accessories in accordance with specification section 04200.</u>				
4.1	200 mm thick wall.	25	M2		-
4.2	100 mm thick wall.	110	M2		-
	<u>04400 NATURAL STONE CLADDING</u>				
	<u>Ajlon local stone cladding, fixed of faces of concrete and blockwork with 8 mm diameter every 200 mm both sides reinforcement net fixed to walls including anchor bolts, steel dowels, and backing cement mortar in accordance with specification section 04400.</u>				
4.3	Vertical to columns and walls, fine mechanical bush hammered, 250 mm high x 40 mm thick.	470	M2		-
4.4	Vertical to columns and walls, fine mechanical bush hammered, 250 mm high x 40 mm thick, curved.	15	M2		-
4.5	Coping, 300 mm wide/ and less × 50 mm thick, fine mechanical bush hammered.	110	M		-
4.6	Coping, 350 x 50 mm thick, fine mechanical bush hammered.	150	M		-
4.7	Coping, 400 x 50 mm thick, fine mechanical bush hammered.	32	M		-
4.8	Coping, 450 × 50 mm thick, fine mechanical bush hammered.	1	M		-
4.9	Coping, 500 x 50 mm thick, fine mechanical bush hammered.	19	M		-
4.10	Coping, 500 × 50 mm thick, fine mechanical bush hammered, curved.	11	M		-
4.11	Coping, 600 × 50 mm thick, fine mechanical bush hammered.	7	M		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
4.12	Coping, 600 × 50 mm thick, fine mechanical bush hammered, curved.	7	M		-
4.13	Coping, variable size, 50 mm thick, fine mechanical bush hammered finish.	9	M2		-
4.14	To soffit of volted slab.	9	M2		-
4.15	Surround to face, sides and soffit of stone arch, 350 mm max. coarse side high.	18	M		-
	<u>Built-in stone bench comprising 100 mm thick × 500 mm wide Ajlon stone seat, 100 or 150 mm thick Hollow bolck sides faced with 40 mm thick stone and concrete base and backing.</u>				
4.16	Built-in bench, 500 mm wide × 500 mm high, as detail D-28, drawing SD.AD-07.	2.5	M		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
 HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
 TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 04 - MASONRY</u>				
	<u>COLLECTION</u>				
	Page No. 3/4/1				-
	Page No. 3/4/2				-
	To Summary			JD	-

TOURISM SECTOR DEVELOPMENT PROJECT
 HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

BILL NO. 3
 TRAILS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 05 - METALS</u>				
	<u>TREE BED COVER</u>				
	<u>Cast-iron, medium duty tree bed cover including frame, fixing and concrete ring as required.</u>				
5.1	Tree bed cover, 1000 mm diameter, type 1 as detail D-11, drawing SD.AD-03.	12	No		-
	<u>STEEL BALUSTRADE</u>				
	<u>Steel balustrade comprising 2" steel pipe handrail, 40 × 40 mm vertical steel tube 250 mm each, 16 × 4 decorative steel bar in between, including fixing, painting and base.</u>				
5.2	Steel balustrade, 1000 mm clear high.	336	M		-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO.3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 06 - WOOD AND PLASTICS</u>				
	<u>06200 FINISH CARPENTRY</u>				
	<u>Wood Seats</u>				
	<u>Beech wood seat comprising 100 × 80 mm wood rib fixed on and including steel structure frame, oil paint, fixing and concrete base, as specification section 06200, and detail D-27, drawing SD.AD-07.</u>				
6.1	Wood seat, overall size 500 wide × 450 mm high.	15	NO		-
	<u>Wood Pergola</u>				
	<u>Mahogany wood pergola, including all decorative, wood members, clear finish, fixing and accessories as specification section 06200.</u>				
6.2	Al - Jadaa trail pergola at level 795.51 comprising 100 × 200 mm high beams on and including 200 mm diameter painted steel pipe columns, overall size on plan 2500 × 2200 mm.	1	No		-
6.3	Ditto, but for pergola at level 800.43, overall size on plan 2100 × 1700 mm.	1	No		-
6.4	Ditto, but for pergola at level 803.28, overall size on plan 2400 × 2250 mm.	1	No		-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 07 - THERMAL & MOISTURE PROTECTION</u>				
	<u>07005 WATERPROOFING AND DAMPPROOFING</u>				
	<u>Single layer of polyster membrance, 4 mm thick, film finish, in accordance with specification section 07005</u>				
7.1	Horizontal and vertical to concrete planters.	250	M2		-
	<u>Two coats of cold applied black bitumen coating solution as waterproofing to concrete and block work in accordance with specification section 07005</u>				
7.2	To concrete surfaces in contact with soil below grade	250	M2		-
	<u>Sundries in accordance with specification section 07005</u>				
7.3	Expanded polystyrene protection board, 20 mm thick applied to horizontal and vertical surfaces in contact with soil	250	M2		-
	To Summary			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 3
TRAILS WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<p><u>DIVISION 09 - FINISHES</u></p> <p><u>INTERNAL FINISHES</u></p> <p><u>09220 PORTLAND CEMENT PLASTER</u></p> <p><u>20 mm thick, three coat plaster including all necessary angles, stop beads and expanded metal strips at junctions of differing backgrounds in accordance with specification section 09220.</u></p> <p><u>External</u></p>				
9.1	Walls, columns and parapets.	80	M2		-
9.2	Planter boxes, internally.	200	M2		-
	<p><u>09902 PAINTING</u></p> <p><u>External</u></p> <p><u>Plastic acrylic paint with fine texture to external plaster in accordance with specification section 09902.</u></p>				
9.3	External walls and parapets.	80	M2		-
	To Summary			JD	-

TOURISM SECTOR DEVELOPMENT PROJECT

BILL NO. 3

HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS

TRAILS WORKS

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<p><u>DIVISION 10 - SPECIALTIES</u></p> <p><u>SIGNING SYSTEM</u></p> <p>Price includes research and collection of data for the descriptio of signs</p> <p><u>Out door information system, made of stove enamelled aluminium sheet, including silk screened lettering, frame made of extruded aluminium with radius corners and edges,</u></p>				
10.1	Floor pole mounted disply sign, including fasterning by galvanized fittings, type A, as detail D-19, Drawing SD.AD-05.	16	No		-
10.2	Floor pole mounted sign, type B, as detail D-20, drawing SD.AD-05.	6	No		-
	<p><u>LITTER BIN</u></p> <p><u>Galvanized steel litter bin, including waste basket, supporting tubes, tube post, cast iron motif and concrete base.</u></p>				
10.3	Litter bin, as detail D-25, drawing SD.AD-07.	1	No		-
	To Summary			JD	-

HISTORIC OLD SALT DEVELOPMENT SUB-PROJECT
THE TOURISM SECTOR DEVELOPMENT PROJECT

VOLUME III

BILL NO. 4 MECHANICAL WORKS

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>15060 PLUMBING PIPEWORK</u>				
	<u>COLD WATER</u>				
	<u>MADRASAH - LOOKOUT (SALT)</u>				
	<u>Galvanized pipes and fittings, hard drawn, including valves and fitting protective material hangers and supports in accordance with specification section 15060.</u>				
15.1	16 mm diameter	15	M		-
15.2	25 mm diameter	15	M		-
	<u>Copper collector with cabinet including valves, vent, fittings, protective material hangers and supports in accordance with specification section 15060.</u>				
15.3	32 mm diameter	2	No		-
	<u>Pix pipes and fittings, hard drawn, including valves, fittings, sleeves protective material hangers and supports in accordance with specification section 15060.</u>				
15.4	16 mm diameter	110	M		-
15.5	25 mm diameter	12	M		-
	<u>Hose Bib</u>				
15.6	16 mm diameter	3	No		-
	<u>WATER METER WITH CABINET</u>				
	<u>Water meter with gate, check valves and fittings.</u>				
15.7	16 mm diameter	1	No		-
	<u>WATER TANK</u>				
	<u>Galvanized steel sheet tank 1.4 mm thickness with supports, valves, float valve, vent and drain.</u>				
15.8	1 m3	1	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>UPVC pipes and fittings including protective material hangers and supports in accordance with specification section 15060.</u>				
15.9	50 mm diameter	6	M		-
15.10	75 mm diameter	7	M		-
15.11	110 mm diameter	5	M		-
15.12	150 mm diameter	12	M		-
	<u>SOIL WASTE AND VENT</u>				
	<u>Floor Clean Outs</u>				
15.13	110 mm diameter	1	No		-
	<u>Floor Drains</u>				
15.14	110 mm diameter	2	No		-
	<u>Rainwater</u>				
15.15	110 mm diameter, rain drain.	1	No		-
15.16	110 mm diameter, uPVC pipes.	6	M		-
	<u>15440 PLUMBING FIXTURES</u>				
	<u>Local made Plumbing fixtures and mixers including traps, wastes and accessories in accordance with specification section 15440.</u>				
15.17	Wash hand basin wall hung	1	No		-
15.18	Water closet with cistern western type 2.	1	No		-
15.19	water cooler	1	No		-
	<u>MANHOLES</u>				
	<u>CONCRETE MANHOLES</u>				
	<u>Concrete manhole with cover and frame medium duty type as specified as Jordanian code with different depths.</u>				
15.20	50 cm depth	1	No		-
15.21	63 cm depth	1	No		-
15.22	66 cm depth	1	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>JADAA - LOOKOUT</u>				
	<u>Galvanized pipes and fittings, hard drawn, including valves and fittings protective material hangers and supports in accordance with specification section 15060.</u>				
15.23	16 mm diameter	25	M		-
15.24	25 mm diameter	12	M		-
	<u>Capper collector with cabinet including valves, vent, fittings, protective material hangers and supports in accordance with specification section 15060.</u>				
15.25	32 mm diameter.	1	No		-
	<u>Pix pipes and fittings, hard drawn, including valves and fittings, sleeves protective material hangers and supports in accordance with specification section 15060.</u>				
15.26	16 mm diameter	60	M		-
	<u>Hose Bib</u>				
15.27	16 mm diameter	3	No		-
	<u>WATER METER WITH CABINET</u>				
	<u>Water meter with gate, check valves and fittings.</u>				
15.28	16 mm diameter	1	No		-
	<u>WATER TANK</u>				
	<u>Concrete tank with valves, flot valve, vent and drain.</u>				
15.29	1 m3	1	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>UPVC pipes and fittings including protective material hangers and supports in accordance with specification section 15060.</u>				
15.30	50 mm diameter	7	M		-
15.31	75 mm diameter	8	M		-
15.32	110 mm diameter	10	M		-
15.33	150 mm.	15	M		-
	<u>SOIL WASTE AND VENT</u>				
	<u>Floor Clean Outs</u>				
15.34	110 mm diameter	1	No		-
	<u>Floor Drains</u>				
15.35	110 mm diameter	2	No		-
	<u>Rainwater</u>				
15.36	75 mm diameter, rain drain.	2	No		-
15.37	75 mm diameter, uPVC pipes.	10	M		-
	<u>15440 PLUMBING FIXTURES</u>				
	<u>Local made Plumbing fixtures and mixers including traps, wastes and accessories in accordance with specification section 15440.</u>				
15.38	Wash hand basin wall hung	1	No		-
15.39	Wash hand basin counter type.	2	No		-
15.40	Water closet with cistern western type 2.	1	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>MANHOLES</u>				
	<u>CONCRETE MANHOLES</u>				
	<u>Concrete manhole with cover and frame medium duty type as specified as Jordanian code with different depths.</u>				
15.41	48 cm depth	2	No		-
15.42	2.8 m depth	1	No		-
15.43	55 cm depth	1	No		-
	<u>DUCTILE PIPE</u>				
15.44	110 mm diameter	12	M		-
	<u>RAIN WATER MANHOLE</u>				
15.45	1.03 m depth	1	No		-
15.46	1.2 m depth	1	No		-
	<u>DUCTILE PIPE</u>				
15.47	500 mm diameter	15	M		-
	<u>DROP MANHOLE</u>				
15.48	2.75 m depth	1	NO		-
	<u>QALAA - LOOKOUT</u>				
	<u>Galvanized pipes and fittings, hard drawn, including valves and fittings protective material hangers and supports in accordance with specification section 15060.</u>				
15.49	16 mm diameter	30	M		-
	<u>Copper collector with cabinet including valves and fittings, protective material hangers and supports in accordance with specification section 15060.</u>				
15.50	32 mm diameter.	1	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>Pix pipes and fittings, hard drawn, including valves and fittings, sleeves protective material hangers and supports in accordance with specification section 15060.</u>				
15.51	16 mm diameter	90	M		-
	<u>Hose Bib</u>				
15.52	16 mm diameter	2	No		-
	<u>WATER METER WITH CABINET</u>				
	<u>Water meter with gate, check valves and fittings.</u>				
15.53	16 mm diameter	1	No		-
	<u>WATER TANK</u>				
	<u>Galvanized steel sheet tank 1.4 mm thickness with supports, valves, flot valve, vent and drain.</u>				
15.54	1 m3	1	No		-
	<u>UPVC pipes and fittings including protective material hangers and supports in accordance with specification section 15060.</u>				
15.55	50 mm diameter	5	M		-
15.56	75 mm diameter	8	M		-
15.57	110 mm diameter	8	M		-
15.58	150 mm diameter	15	M		-
	<u>SOIL WASTE AND VENT</u>				
	<u>Floor Clean Outs</u>				
15.59	110 mm diameter.	1	No		-
	<u>Floor Drains</u>				
15.60	110 mm diameter	2	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>Rain Water</u>				
15.61	110 mm diameter, rain drain.	2	No		-
15.62	110 mm diameter, uPVC pipes.	10	M		-
	<u>15440 PLUMBING FIXTURES</u>				
	<u>Local made Plumbing fixtures and mixers including traps, wastes and accessories in accordance with specification section 15440.</u>				
15.63	Wash hand basin wall hung	1	No		-
15.64	Water closet with cistern western type.	1	No		-
	<u>MANHOLES</u>				
	<u>CONCRETE MANHOLES</u>				
	<u>Concrete manhole with cover and frame medium duty type as specified as Jordanian code with different depths.</u>				
15.65	40 cm depth	1	No		-
15.66	47 cm depth	1	No		-
	<u>DROP MANHOLE</u>				
15.67	4.35 m depth	1	No		-
	<u>KAMAL ALSHAER - LOOKOUT</u>				
	<u>Galvanized pipes and fittings, hard drawn, including valves and fittings protective material hangers and supports in accordance with specification section 15060.</u>				
15.68	25 mm diameter	30	M		-
	<u>Copper collector with cabinet including valves vent, fittings, protective material hangers and supports in accordance with specification section 15060.</u>				
15.69	32 mm diameter.	1	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>Pix pipes and fittings, hard drawn, including valves and fittings, sleeves protective material hangers and supports in accordance with specification section 15060.</u>				
15.70	16 mm diameter	80	M		-
	<u>Hose Bib</u>				
15.71	16 mm diameter	5	No		-
	<u>WATER METER WITH CABINET</u>				
	<u>Water meter with gate, check valves and fittings.</u>				
15.72	16 mm diameter	1	No		-
	<u>WATER TANK</u>				
	<u>Galvanized steel sheet tank 1.4 mm thickness with supports, valves, flot valve, vent and drain.</u>				
15.73	1 m3	1	No		-
To Collection				JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>15410 PLUMBING PIPEWORK</u>				
	<u>AIN PLAZA</u>				
	<u>Pix pipes and fittings, hard drawn, including valves and fittings, sleeves protective material hangers and supports in accordance with specification section 15060.</u>				
15.74	16 mm diameter	40	M		-
	<u>Hose Bib</u>				
15.75	16 mm diameter	3	No		-
	<u>WATER METER WITH CABINET</u>				
	<u>Water meter with gate, check valves and fittings.</u>				
15.76	16 mm diameter	1	No		-
	<u>WATER TANK</u>				
	<u>Galvanized steel sheet tank 1.4 mm thickness with supports, valves, float valve, vent and drain.</u>				
15.77	1 m3	1	No		-
	<u>Copper Collector with Cabinet</u>				
	<u>including valves, vent, fittings, protective material hangers and supports in accordance with specification section 15060.</u>				
15.78	32 mm diameter.	1	No		-
	<u>BALADEAH PLAZA</u>				
	<u>Pix pipes and fittings, hard drawn, including valves and fittings, sleeves protective material hangers and supports in accordance with specification section 15060.</u>				
15.79	16 mm diameter	3	M		-
To Collection				JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				
	<u>Hose Bib</u>				
15.80	16 mm diameter	1	No		-
	<u>WATER METER WITH CABINET</u>				
	<u>Water meter with gate, check valves and fittings.</u>				
15.81	16 mm diameter	1	No		-
	<u>WATER TANK</u>				
	<u>Galvanized steel sheet tank 1.4 mm thickness with supports, valves, float valve, vent and drain.</u>				
15.82	1 m3	1	No		-
	<u>HAMAM PLAZA</u>				
	<u>Pix pipes and fittings, hard drawn, including valves and fittings, sleeves protective material hangers and supports in accordance with specification section 15060.</u>				
15.83	16 mm diameter	25	M		-
	<u>WATER METER WITH CABINET</u>				
	<u>Water meter with gate, check valves and fittings.</u>				
15.84	16 mm diameter	1	No		-
	<u>WATER TANK</u>				
	<u>Galvanized steel sheet tank 1.4 mm thickness with supports, valves, float valve, vent and drain.</u>				
15.85	1 m3	1	No		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
 HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 4
 MECHANICAL WORKS**

Item	Description	Quantity	Unit	Rate	Total
				JD	JD
	<u>DIVISION 15 - MECHANICAL</u>				-
					-
	<u>COLLECTION</u>				-
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	Page No. 4/15/3				-
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HISTORIC OLD SALT DEVELOPMENT SUB-PROJECT
THE TOURISM SECTOR DEVELOPMENT PROJECT

VOLUME III

BILL NO. 5 ELECTRICAL WORKS

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 5
ELECTRICAL WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 16 - ELECTRICAL WORKS:</u>				
	<u>Metering and light control panels and distribution boards including breakers, contactors, photo cells, space for KWHM, fixing to the poles or foundations or recess in walls, all enclosures shall be to IP65 class of protection and as shown on drawings and specified:</u>				
16.1	Maidan LCP/ MD.	1	NO		-
16.2	Hamam LCP/ H.	1	NO		-
16.3	Baladieh LCP/ M.	1	NO		-
16.4	Qalaa DBQL.	1	NO		-
16.5	Al - Ain LCP/ A.	1	NO		-
16.7	Al - Jadaa DBLJ.	1	NO		-
16.8	Al - Shaer DBSH.	1	NO		-
16.9	Al - Madrasah MDBS.	1	NO		-
16.10	Al - Jadaa LCP/ JD1.	1	NO		-
16.11	Al - Jadaa LCP/ JD2.	1	NO		-
16.12	Al - Rummanat LCP/ RUM.	1	NO		-
16.13	Al - Haddadin LCP/ HD1.	1	NO		-
16.14	Al - Haddadin LCP/ HD2.	1	NO		-
16.15	Al - Haddadin LCP/ HD3.	1	NO		-
16.16	Al - Haddadin LCP/ HD4.	1	NO		-
16.17	Al - Haddadin LCP/ HD5.	1	NO		-
16.18	Al - Haddadin LCP/ HD6.	1	NO		-
16.19	EI - Eskafieh LCP/ SK.	1	NO		-
16.20	Al - Qalaa LCP/ Q.	1	NO		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 5
ELECTRICAL WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 16 - ELECTRICAL WORKS:</u>				
	<u>Lighting fittings and lighting appliances including fixings, wires, cables, ducts, conduits, foundations, accessories, lamps, control gear, compensating PF capacitors and all necessary works related to this section found necessary to complete the work.</u>				
16.21	Light fixture type B.	8	NO		-
16.22	Light fixture type C.	60	NO		-
16.23	Light fixture type CT.	5	NO		-
16.24	Light fixture type L.	25	NO		-
16.25	Light fixture type L1.	6	NO		-
16.26	Light fixture type L2.	11	NO		-
16.27	Light fixture type G.	40	NO		-
16.28	Light fixture type P.	60	NO		-
16.29	Light fixture type P1.	95	NO		-
16.30	Light fixture type PT.	65	NO		-
16.31	Light fixture type PT1.	8	NO		-
16.32	Light fixture type PT2.	4	NO		-
16.33	Light fixture type C1.	2	NO		-
16.34	Light fixture type S.	10	NO		-
16.35	Light fixture type W (similar to type B oval).	2	NO		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 5
ELECTRICAL WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 16 - ELECTRICAL WORKS:</u>				
	<u>Electrical cables, feeders, including ducts, conduits, GI conduits, excavations, and cables protection, and all accessories, termination boxes connector blocks fuse protection and all necessary works to give a complete and operable system.</u>				
16.36	Feeder cables to LCPS or MDBS of the following sizes:				
16.37	- 3x6 mm ² PVC/ SWA/ PVC/ copper in 38 MM DIA GI conduits.	300	MR		-
16.38	- 3x10 mm ² ditto but in 50 DIA conduits.	200	MR		-
16.39	- 3x16 mm ² ditto but in 50 DIA conduits.	70	MR		-
16.40	Feeder for branch circuits:				
16.41	- 3x6 mm ² PVC/SWA/ PVC in 38 DIA conduits.	250	MR		-
16.42	- 3x4 mm ² PVC/SWA/PVC in 38 DIA conduits.	4500	MR		-
16.43	- 3x2.5 mm ² PVC/ PVC in 25 DIA conduits.	350	MR		-
16.44	- 3x4 mm ² PVC/ copper in 20 DIA conduits.	250	MR		-
	<u>Telephone installation including terminal cabinets of 5 pair capacity and Tel. Cable to JTC cabinet complete with duct, draw in hand hole and all accessories as shown in drawings and specified.</u>				
16.45	TC/ 5 pair.	4	NO		-
16.46	Telephone outlet.	4	NO		-
	<u>Power outlet installation including conduits, wires, cover plates, and all necessary works to complete the installations in an operable and accepted manner.</u>				
16.47	13 AMPS switched socket outlet.	12	NO		-
	To Collection			JD	-

**TOURISM SECTOR DEVELOPMENT PROJECT
 HISTORIC OLD SALT DEVELOPMENT-TRAILS, LOOKOUTS AND PLAZAS**

**BILL NO. 5
 ELECTRICAL WORKS**

Item	Description	Quantity	Unit	Rate	Amount
				JD	JD
	<u>DIVISION 16 - ELECTRICAL WORKS:</u>				
	<u>COLLECTION</u>				
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HISTORIC OLD SALT MUSEUM