Project INTERNAL ROADS IN AL Helo AREA -2027
Client Ajman Municipality & Planning Department
Contractor

BOQ

ITEM	ITEM DESCRIPTION	UNIT	QTY	RATE (Dhs)	AMOUNT (Dhs)
1	**General Requirements**				
1.1	Insurance of work	L.S	1.00		
1.2	Mobilization & demobilization, supply and maintaining site safety work barricade warning safety lamps cones cover the open excavation and other hazards complete job.	L.S	1.00		
2	**Ground Investigation**				
2.1	Trial pits and trenches to assertain/ verify/ locate existing services maximum depth (1-2) m, excavation by hand	NO	100.00		
2.2	Trial pits and trenches to assertain/ verify/ locate existing services depth - more 2 m -	NO	5.00		
3	**Earth Work**				
3.1	Filling with suitable excavated material other than top soil	m^3	22,000.00		
3.2	Filling with Imported material	m^3	3,000.00		
3.3	Excavation for cutting material other than top soil or artificial hard material.	m^3	50,000.00		
3.4	Excavation for cutting artificial hard material	m^3	100.00		
3.5	Formation preparation include compaction, leveling and testing	m^2	71,000.00		
3.6	Disposal of excavated material	m^3	3,000.00		
4	**DEMOLITION AND SITE CLEARANCE**				
4.1	Saw Cutting to match existing pavement with new	LM	500.00		
4.2	Removal of existing asphalt	m^2	700.00		
4.3	Removal of existing pavement tiles including sand bed and subbase cart to approved tip	m^2	700.00		
4.4	Removal of existing kerbstones ncluding concrete base, backing and dispose to approved tip.	LM	1,000.00		
4.5	Removal of existing trees and handover to the relevant authorities or dispose as directed by the Engineer	NO	30.00		
4.6	Removal of existing (traffic, guide) signs and deliver to AM and excavation of foundation, dispose excavated material to approved tip, backfilling of voids etc	NO	10.00		
5	**Road Works**				
5.1	Aggregate Sub Base 150 mm thick (CBR >30%)	m^2	41,000.00		
5.1	Aggregate Road Base 150 mm thick (CBR >80%)		41,000.00		
5.2	Aggregate Road Base 200 mm thick (CBR>80%)	m^2	500.00		
6	**Surfacing**				
6.1	Asphalt Base course Depth 60 mm	m^2	500.00		
6.2	Asphalt wearing course Depth 40 mm	m^2	500.00		
6.3	Asphalt wearing course Depth 60 mm	m^2	31,000.00		
6.4	Prime Coat (MC-70)	m^2	31,000.00		
6.5	Tack Coat (SRC-)	m^2	500.00		
6.6	speed humps	NO	20.00		

7	**Rigid pavement** Precast concrete intelocking block paving including 50 mm thick sand cushion the colour and patterans.				
7.1	Precast concrete intelocking block 80 mm thick size 200X100 mm pattern.	m2	400.00		
7.2	Precast concrete intelocking block 60 mm thick size 200X100 mm pattern.	m2	300.00		
	Supply and lay Precast concrete kerb including bedding and hunching and painting complete as per drawing				
7.3	Up stand kerb size 150 X 300 mm	LM	1,000.00		
7.4	Heel Curb	LM	100.00		
7.5	Flush kerb size 150 X 250 mm	LM	9,730.00		
7.6	Drop Kerb	LM	50.00		
8	**Street light**				
	Spare ducts Supply and install UPVC ducts to BS3506 class C,200mm dia.Laid and jointed in trenches beneath carriage way for using as				
8.1	2-way, 200 mm dia depth not exceeding 1.5 m	LM	50.00		
8.2	2-way, 100 mm dia depth not exceeding 1.5 m	LM	1,600.00		
8.3	Relocation of street light poles completely with foundation and cables	NO	3.00		
9	**Traffic signs**				
9.1	Supply and install warning and regulatory signs including posts embedded in tiled area, ref. Dubai Traffic Control Devices Manual & DWG	L.S	1.00		
9.2	Surface marking; Thermo Plastic Marking as specification & drawing.	L.S	1.00		
10	**Adjusting manholes**				
10.1	Adjust cover levels of existing manholes and chambers to suit proposed levels.	NO	30.00		
11	**Potable Water Network**				
11.1	Precast reinforced concrete protection slabs (1200*500*150) mm placed over existing pipe lines as detailed on dwg including excavation,back filling and bitumen paint.	LM	100.00		
12	**ELECTRICAL NETWORK**				
12.1	Precast reinforced concrete protection Slabs placed over existing cables including excavation, backfilling and bitumen paint spare ducts etc.. All in accordance to the drawing and ETIHAD standard and specification - Proposed / Extension protection 1000x500x150mm thick. Concrete protection with split ducts to existing cables including carefully excavate, expose existing cable necessary connections, backfill including duct marker warning tape and all related works complete in accordance to the drawing and specification.	LM	100.00		
12.2	1way 11 kv cable	LM	100.00		
12.3	2way 11 kv cable	LM	100.00		
12.4	3way 11 kv cable	LM	100.00		
12.5	Cable slewing including all necessary works	LM	100.00		

13	**ETISALAT & DU NETWORKs**				
13.1	Precast reinforced concrete protection slabs placed over existing duct including excavation, back filling , bitumen paint and all in accordance to the drawings and specifications 1000x500x150mm thick	LM	100.00		
13.2	Lay & Joint UPVC Cable Ducts (D54) 90mm dia. in trench including backfilling, endcap and all related work complete		100.00		
13.3	4-way, depth not exceeding 1.5m	LM	100.00		
14	**Storm water works**				
	PIPE WORK supply &lay polyvinyl chloride pipes upvc non pressure pipe, in trench including excavation ,etc				
14.1	160mm dia Depth not exceeding 1.50m	LM	150.00		
14.2	250 MM DIA Depth 1.5 - 2.0 m	LM	80.00		
	Beds and surrounds Imported granular material bed & surrounds including geotextile, warining tape as applicable				
14.3	160mm dia uPVC pipe	LM	100.00		
14.4	250mm dia uPVC pipe	LM	20.00		
	Geotextile fiber fabric membane as per spec to granular bed surround granular bed and surriund measured separately.				
14.5	160mm dia uPVC pipe	LM	100.00		
14.6	250mm dia uPVC pipe	LM	20.00		
	Gullies				
14.7	Supply and install gully complete in locations as detailed on Dwg. including removable basket, concrete surround, gully frame and cover, excavation, backfilling, compaction and removal of surplus material to tip	NO	12.00		
	MANHOLES AND PIPE WORK ANCILLARIES				
14.8	Manhole type G complete in as detailed in dwg including frame and cover Manhole - depth 1.50 -2.0 m	NO	4.00		
14.9	Reinforced concrete infiltration tank as detailed on dwg. Including HD cover, excavation, backfilling, compaction ,geotextile, granular material bed & surrounds with internal dimensions 2X4X3 with wall and base thickness 30cm	NO	6.00		
15	**Other work**				
15.1	Carefully removing of existing pavement tiles and refixed according specifications.	M²	300.00		
15.2	carefully excavate and lower existing live cable (various diameter) including backfilling and reinstatement.	LM	100.00		
15.3	Excavation & Laying Of Future Ducts 3x150mm Dia	LM	100.00		
15.4	Mass concrete surround to (100 - 200) mm dia duct including formwork, polythene sheet and bituminous paint	LM	200.00		
15.5	tying to existing pavement including breakout existing pavement , saw cutting , vertical tack coat, all necessary works	LM	200.00		
	Total Amount				-

All above quantites are remeasureable and calculated as per as built at site.