



SCOPE OF WORK

UPGRADING SEAPLANE TERMINAL 1ST FLOOR OFFICE AREA

RENOVATION WORKS

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BACKGROUND AND PURPOSES

1. Island Aviation services limited has a requirement to renovate passenger lounge at Maldivian Seaplane Terminal, Velana International Airport.

GENERAL REQUIREMENTS

1. The contractor shall provide personnel, materials, equipment and supervision to complete the technical requirement in this scope of work. The contractor shall be responsible for hiring labor, equipment vendor and shall follow safety and security directives.
2. The contractor shall not be admitted to areas of the property outside the areas designated for the project except with permission. The contractor shall address the impact of the consequent disruption cause by the proposed work.
3. The contractor shall always clear the work site upon completion of work and remove any excess material immediately from the site and maintain cleanliness.
4. Materials shall be approved by employer prior to installation.
5. Required measurements shall be taken during the site visit.
6. No variations will be accepted without approval from the employer and any alteration made without approval shall be rectified without any cost.
7. Working time is between 1830 – 0400
8. Contractor shall have valid ID or work permit, in order to access the work site.

SCOPE OF WORK

This scope consists of renovation works for existing office area at Maldivian Seaplane Terminal, Velana International Airport.

DEMOLITION AND DISMANTLING

- Demolishing and disposing existing drywall partitions.
- Dismantling and disposing existing aluminum glass partitions.

INTERIOR WORKS

- Ceiling and Flooring works
- Fixing Aluminum glass partitions and doors.
- Electrical and Networking
- Painting

BILL OF QUANTITY

SUMMARY

ITEM	DESCRIPTION	AMOUNT (MVR)
1	TOTAL OF BILL NO.01 (PRELIMINARIES)	-
2	TOTAL OF BILL NO.02 (DEMOLITION AND DESSEMBLING)	-
3	TOTAL OF BILL NO.03 (INTERIOR WORKS)	-
4	TOTAL OF BILL NO.04 (ADDITIONS)	-
5	TOTAL OF BILL NO.05 (OMISSIONS)	-
GRAND TOTAL		-

BOQ

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL (MVR)
	Bill No: 01 <u>PRELIMINARIES</u>				
1.1	<u>General Notes</u>				
a.	<i>Abbreviations</i> m – meter nos – numbers m³ – cubic meter m² – square meter				
1.2	<u>Site Management Costs</u>				
a.	Allow for all on and off-site management cost including costs of foreman and assistants, temporary services, telephone, hoardings and similar.	1	item		
1.3	<u>Signboards</u>				
	Allow for sign boards	1	nos		
1.4	<u>Clean – up</u>				
a.	Allow for cleanup of complete work site upon completion of work daily and disposal of construction waste.	1	item		
TOTAL OF BILL NO.1 (PRELIMINARIES) <i>(CARRIED OVER TO THE GENERAL SUMMERY)</i>					
	Bill No: 02 <u>DEMOLITION AND DISSEMBLING</u>				
2.1	<u>General</u>				
a.	Rates shall include for: all labor in removing partitions, along with frames, equipment and concrete wastes.	1	item		
b.	Rates shall include of removing existing electrical wires, sockets, switches and similar.	1	item		
c.	Rates shall include of removing existing ceiling boards with damaged frames and Drywall partitions: P1,P2,P3,P4,P5 and P6.	290.8	m ²		
2.2					
a.	<u>Disposal of wastes</u> Rates should include: collection, transportation, administrative charges and disposal of construction waste.	1	Item		

TOTAL OF BILL NO.2 (DEMOLITION AND DISSEMBLING) (CARRIED OVER TO THE GENERAL SUMMERY)					
	Bill No: 03				
	<u>INTERIOR WORKS</u>				
3.1	<u>Ceiling & Flooring</u> <i>Rates shall include for: all labour in framing, notching and fitting around projections, pipes, light fittings, hatches, grilles and similar and complete with cleats, packers, wedges and similar and all nails and screws.</i>				
a.	Replacing Damaged ceiling panels with 6 mm plywood painted with white.	1		item	
b.	Parquet flooring (Color to be finalized by client)	260.8		m ²	
3.2	<u>Aluminum Glass Partition / Doors</u> <i>Rates shall include for: all labor, supplying and fixing aluminum glass partition as per given details. All aluminum sections shall be in white color All glazing shall be minimum 8mm thick clear glass Full application of frost on all glass sections. Rates shall include for locks, latches, closers, push plates, pull handles, kick plates, hinges.</i>				
3.2.1	Aluminum Glass Partition and Doors				
a.	P1	1		nos	
b.	P2	1		nos	
c.	P3	1		nos	
d.	P4	1		nos	
e.	P5	1		nos	
f.	P6	1		nos	
g.	P7	1		nos	
h.	P8	1		nos	
i.	P9	1		nos	
j.	P10	1		nos	
k.	P11	1		nos	
l.	P12	1		nos	
m.	P13	1		nos	
n.	P14	1		nos	
o.	D1 (865x2130)	5		nos	

3.3	<u>Electrical and Networking</u> <i>Rates shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories. Rate shall include for electrical conduits, casing, fittings, equipment and similar all fixings Each light / light fixture and its switches shall measure as one point: similarly, each socket shall measure as one point. Rate shall include for supply and complete installation for entire area Removing entire electrical wiring, d-boards sockets and lights.</i>	1	Item	-	-
3.3.1	<u>Main Connection</u> Allow for main connection	10	m	-	
3.3.2	<u>Electrical Boards</u> <i>Complete installation incl. for all connection earthing, painting, testing and similar of;</i>				
a.	Distribution Boards	01	Nos	-	
3.3.3	<u>Electrical Wiring</u> <i>Electrical wiring with copper conductor cable in conduits as specified to</i>				
a.	1.5mm2 Wiring to light fixtures, and its switches	27	Points	-	
b.	2.5 mm2 Wiring to Socket Switches	62	Points	-	
3.3.4	<u>Lighting</u> <i>All lights shall be Osram, Philips or equivalent</i>				
a.	LED 600x600mm Panel light 36W - Temp 6000K	27	nos	-	
3.3.5	<u>Socket Outlets</u> <i>All sockets shall be "Clipsal "or equivalent. Sockets placed on glass partition shall be fixed with Sikaflex</i>				
a.	13 Amps Universal double socket	46	nos	-	
b.	15 Amp sockets for AC	16	nos	-	
3.3.6	<u>Network points</u> <i>All network points shall be of minimum length of 1.2m from execution point and 1.5m at terminating end.</i>				

	<p><i>Fixing RJ45 jack on each end of every point.</i></p> <p><i>All points shall be labeled.</i></p> <p>a. Ethernet CAT 6 Cable</p>	52	points	-	
3.3.7	<p><u>Light Switches</u></p> <p><i>All switches shall be "Clipsal "or equivalent</i></p> <p><i>No.of Switch Gang can be determined by light arrangement</i></p> <p>a. One Way switches</p>	17	nos	-	
3.6	<p><u>Painting</u></p> <p><i>Rates shall include for: the provision, erection and removal of scaffolding, preparation, rubbing down between coats and similar work, the protection and / or making floors, fittings and similar work,</i></p> <p><i>All painting work shall be carried in accordance with the specifications.</i></p> <p><i>Nippon or equivalent for walls and ceiling.</i></p> <p><i>Scratching peeled painting.</i></p> <p><i>Application of wall putty</i></p> <p>a. Ceiling painting, 1 coat of wall sealer, and 2 coats of paint.</p> <p>b. Wall painting, 1 coat of wall sealer, and 2 coats of paint.</p>	260.8	m ²	-	
		180	m ²	-	
TOTAL OF BILL NO.3 (INTERIOR WORKS)					
<i>(CARRIED OVER TO THE GENERAL SUMMERY)</i>					
Bill No: 1	<u>Bill No: 04</u> <u>ADDITIONS</u>				
Bill No: 2					
Bill No: 3					
TOTAL OF BILL NO.4 (ADDITIONS)					-
<i>(CARRIED OVER TO THE GENERAL SUMMERY)</i>					
Bill No: 1	<u>Bill No: 05</u> <u>OMISSIONS</u>				
Bill No: 2					
Bill No: 3					
TOTAL OF BILL NO.5 (OMISSIONS)					-
<i>(CARRIED OVER TO THE GENERAL SUMMERY)</i>					

Scope prepared by: **Mohamed Shifau**

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