

BILL OF QUANTITIES

PROJECT: SHOWER FACILITY AND TOILET MODIFICATION
CONSTRUCTION OF SHOWER FACILITY AND MODIFICATION OF TOILETS
AT IAS INFLIGHT SERVICES PREMISES.

Dec 2021

PROJECT: SHOWER FACILITY AND TOILET MODIFICATIONCONSTRUCTION OF SHOWER FACILITY AND MODIFICATION OF TOILETS AT IAS INFLIGHT
SERVICES PREMISES.SUMMARY OF BILLS OF QUANTITIES

SL.NO	BILL NAME	AMOUNT (MVR)
1)	TOTAL OF BILL NO. 01 (PRELIMINARIES)	-
2)	TOTAL OF BILL NO. 02 (DEMOLITION WORKS)	-
3)	TOTAL OF BILL NO. 03 (MASONRY AND PLASTERING)	-
4)	TOTAL OF BILL NO. 04 (FLOORING & TILING)	-
5)	TOTAL OF BILL NO. 05 (PLUMBING WORK)	-
6)	TOTAL OF BILL NO. 06 (DOORS AND WINDOWS)	-
7)	TOTAL OF BILL NO. 07 (PAINTING)	-
8)	TOTAL OF BILL NO. 08 (BOILER & URN'S CUPBOARD)	-
9)	TOTAL OF BILL NO. 09 (ADDITIONS)	-
10)	TOTAL OF BILL NO. 10 (OMISSIONS)	-
GRAND TOTAL		-

SL.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Bill No: 01 <u>PRELIMINARIES</u>				
1.1	<u>General Notes</u>				
1)	<u>Abbreviations</u> m - meter Nos - numbers m3 - cubic meter m2 - square meter Lm - Linear meter t - tonnes incl - including mm - millimeter dia - diameter SS - Stainless Steel GI - Galvanised Iron				
1.2	<u>Site Management Costs</u>				
1)	Allow for all on and off site management cost including costs of foreman and assistants, temporary services, telephone, fax, hoardings and similar.	1.00	item		-
1.3	<u>Clean - up</u>				
1)	Allow for clean - up of completed works and site upon completion.	1.00	item		-
TOTAL OF BILL NO. 01 (PRELIMINARIES) (CARRIED OVER TO THE GENERAL SUMMARY)					-
	Bill No: 02 <u>DEMOLITION WORKS</u>				
2.1	<u>GENERAL</u> (a) Rates shall include for: leveling, grading, trimming, compacting to faces, keep sides plumb, backfilling, consolidating and disposing surplus.	1.00	item		-
2.2	<u>Cutting/trimming and alterations</u> Cut open (demolishing) wall for the ladies toilet entrance	1.77	m ²		-
	Removing and cutting washbasin top at existing washroom	1.00	Item		-
	Demolishing and leveling part of wash area to construct shower facility	3.96	m ²		-
	Removing partition inside the existing shower to build the wall	1.80	m ²		-
	Chipping and removing all floor tiles inside he toilets	10.52	m ²		-
2.3	<u>Plumbing Alterations</u> Locating grey water pipes at existing toilets and provisioning to new shower facility and wash area drains				
1)	Provisioning grey water pipe in exiting wash area to new wash basin to be installed in ladies toilet.	1.00	item		-
2.4	<u>DAMP PROOF AND SEALING MEMBRANE</u>				

SL.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1)	(a) Rates shall include for: dressing around and sealing to all penetrations, laps and turnups Apply water proofing chemical before tiling at all areas.	1.00	item		-
TOTAL OF BILL NO. 02 (DEMOLITION WORKS) (CARRIED OVER TO THE GENERAL SUMMARY)					-
3.1	Bill No: 03 MASONRY AND PLASTERING General a) Rates shall include for: cleaning out cavities, forming rebated reveals and pointing and cleaning down to reveals where necessary; fractional size blocks, all necessary machine cutting, cutting or forming chases or edges of floor slabs, cutting or leaving holes and openings as recesses for and building in pipes, conduits, sleeves and similar as required for all trades; leaving surfaces rough or raking out joints for plastering and flashings, bedding frames or plates, building in joists, bearers or similar, temporary supports to openings, templates, reinforcement in walls and for all necessary making good.				
3.2	Cement block work 400x200x100mm hollow blocks, laid on and incl. 1:5 Cement Mortor.				
	<u>All External walls</u>				
1)	Extending exiting wall at ladies toilet up to ceiling	0.71	m ²		-
2)	Constructing a wall inside the toilets to divide ladies toilets	3.93	m ²		-
3)	Construction of shower facility walls	14.80	m ²		-
4)	Fling and constructing wall at partitioned removed area	1.80	m ²		-
5)	Blocking windows at shower area with 18mm M-board	1.00	item		-
4.3	Plastering a) 20mm +/- 5mm cement plastering on internal/external walls with 1:5 Cement mortar mix as specified incl.				
1)	total sum of plastering	34.26	m ²		-
TOTAL OF BILL NO. 03 (MASONRY AND PLASTERING) (CARRIED OVER TO THE GENERAL SUMMARY)					-
4.1	Bill No: 04 FLOORING & TILING General a) Rates shall include for: fixing, bedding, grouting, pointing, finishing and any other similar works to ensure the required finish. b) Rates shall include for all other beading works required at the corneres				
4.2	Flooring 100mm TK cement/sand flooring at shower area with drain pipes including boiler cupboard area	3.96	m ²		-

SL.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
4.3	Tiling				
1)	<u>Exiting toilets</u> Replacing floor tiles with boarder Using Porcelain 600x600mm floor tiles	3.96	m ²		-
2)	<u>Shower Facility</u>				
a	Floor tiling using Porcelain 600x600mm floor tiles	2.55	m ²		-
b	Wall tiling using Porcelain 600x300mm wall tiles	22.00	m ²		-
c	300mm Floor tiles boarder at external wall around shower facility	4.50	Lm		-
TOTAL OF BILL NO. 04 (FLOORING & TILING) (CARRIED OVER TO THE GENERAL SUMMARY)					-
5.1	Bill No: 05 PLUMBING WORK <u>General</u> a) Rates shall include for: sockets, running joints, connections, elbows, junctions, reducers, expansion joints; backnuts and similar; incidental fittings, clips, saddles, brackets, straps, hanges, screws, nails and fixing complete, including cutting and				
5.2	<u>Fresh water supply pipework</u>				
1)	Allow for water connection to fixtures from source	1.00	item		-
5.3	<u>Sanitary Fixtures & Accessories</u> Sanitary Fixtures complete including brackets flush pipes, overflows and washers etc. 1) All toilet fittings shall be "watertac" or equivalent 2) Wash basin tap shall be chrome plated SS or brass 3) All piping shall be of UPVC				
1)	Water Closet	2.00	nos		-
2)	Wash basin	1.00	nos		-
3)	Wash basin tap	2.00	nos		-
4)	Muslim Shower	3.00	nos		-
5)	Floor waste with gully trap	2.00	nos		-
6)	Mirror with accessories	3.00	nos		-
7)	Valves	3.00	nos		-
5.4	<u>Drainage</u> <u>Discharge pipework</u>				
1)	Complete Discharge pipe work	2.00	item		-
2)	Drain discharge to main connection	2.00	item		-
TOTAL OF BILL NO. 05 (PLUMBING WORK) (CARRIED OVER TO THE GENERAL SUMMARY)					-
6.1	Bill No: 06 DOORS AND VENTIALTION <u>General</u> a) Rates shall include for: locks, latches, closers, push plates, pull handles, bolts, kick plates, hinges and all door & window hardware. b) wooden door for Ladies toilet and fiber composite hinged door for shower facility				
6.2	<u>Door & Window units</u>				
1)	Door Ladies toilet (wooden door)	1.00	Nos		-
2)	Door Shower facility (fiber hinged door)	2.00	Nos		-

SL.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
3)	Mechanical Ventilation exhaust (ladies toilet)	1.00	Nos		-
TOTAL OF BILL NO. 06 (DOORS AND WINDOWS) (CARRIED OVER TO THE GENERAL SUMMARY)					-
7.1	<p>Bill No: 7 <u>PAINTING</u></p> <p>General a) 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, removing and replacing door and window furniture b) All painting work shall be carried in accordance with the specifications. Nippon Weather bond for External Walls and Nippon super vinilex for interal</p>				
7.2 1)	<p>Walls Weather proof emulsion paint system on plastered surfaces of external and internal internal walls where required.</p>	1.00	item		-
TOTAL OF BILL NO. 07 (PAINTING) (CARRIED OVER TO THE GENERAL SUMMARY)					-
8.1	<p>Bill No: 8 <u>BOILER & URN'S CUPBOARD</u></p> <p>General a) Rates shall include for: screws, nails, hydraulic hinges, supporting clips, brackets, straps, rivets, plugs and all incidental accessories. b) Rate shall include edge banding, trimming and cleaning c) Rates shall include delivery and assembling</p>				
8.2	<p><u>Supply of boiler cupboard with hinged doors</u> Supply and assembling as per detail drawing with 18mm filmed faced BLK board</p>	1.00	nos		-
TOTAL OF BILL NO. 08 (BOILER & URN'S CUPBOARD) (CARRIED OVER TO THE GENERAL SUMMARY)					-
Bill No: 01 Bill No: 02 Bill No: 03 Bill No: 04 Bill No: 05 Bill No: 06 Bill No: 07 Bill No: 08 Bill No: 09	<p>Bill No: 9 <u>ADDITIONS</u></p>				
TOTAL OF BILL NO. 09 (ADDITIONS) (CARRIED OVER TO THE GENERAL SUMMARY)					-
	<p>Bill No: 10 <u>OMISSIONS</u></p>				

SL.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
Bill No: 01					
Bill No: 02					
Bill No: 03					
Bill No: 04					
Bill No: 05					
Bill No: 06					
Bill No: 07					
Bill No: 08					
Bill No: 09					
TOTAL OF BILL NO. 10 (OMISSIONS) <i>(CARRIED OVER TO THE GENERAL SUMMARY)</i>					-