

Bill Of Quantities (BOQ)

BOQ for:

Maafaru International Airport Terminal Extension at Atoll of Noon , Maldives.
For the Client of Island Aviation Services Limited.

Project Title:

Maafaru International Airport Terminal Extension

Client : Island Aviation Services Limited



**Maafaru International Airport Terminal Extension at Atoll of Noon , Maldives.
For the Client of Island Aviation Services Limited.**

BOQ Summary

23-Dec-21

Bill Item No	Description	Total Amount (MVR)
1.0	Preliminaries	-
2.0	Ground Works	-
3.0	Concrete Works	-
4.0	Masonry & Plastering Works	-
5.0	Metal Works	-
6.0	Ceiling Works	-
7.0	Door , Window & Glass Works	-
8.0	Painting Works	-
9.0	Floor & Wall Finishing Works	-
10.0	Electrical Installation	-
11.0	Hydraulics , Drainage and Sanitary Fixtures	-
12.0	Air Conditioning Works	-
13.0	Lift Installation	-
14.0	Fire Fighting & Alarm Works	-
15.0	Steel Structure & Roofing Works	-
16.0	Other Works	-
17.0	Furniture Works	-
18.0	Additional Works	-
19.0	Omission Works	-
	Total Amount (MVR)	-
	GST - 6%	-
	Grand Total (MVR)	-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<u>Bill No : 1</u> <u>Preliminaries</u>				
1.1	<u>General Notes</u>				
	(a) Allow for all costs and expenses for complying with the General Conditions of Contract and General Requirements in Specifications.				
	(b) Any services not specifically provided for herein will be deemed to be included in the rates of other items in the BOQ or under additional works.				
1.2	<u>Site Management , Staff & Office Maintain Cost</u>				
1	Allow for site management cost including technical staff etc.	Item	1.00		-
2	Allow for temporary office maintain at site & maintaining facilities including office equipment , stationeries , computers & printers , if any other cost.	Item	1.00		-
3	Allow to the Contractor to include plant , machineries and equipment cost related to the works.	Item	1.00		-
1.3	<u>Temporary Fencing and Hoarding</u>				
1	Supply, erect & maintain of a fence through out the construction period and hoarding all along the perimeter of the site until completion.	Item	1.00		-
1.4	<u>Safety On Site and Site Security Works</u>				
1	Providing and maintains adequate safety measures for whole workers , staff and authorized visitors and site security works for the works and people until completion of the works.	Item	1.00		-
1.5	<u>Name Board and Sign Board</u>				
1	Allow for making & maintain name board until completion the works.	Item	1.00		-
2	Allow for making & maintain sign board until completion the works.	Item	1.00		-
1.6	<u>Clean-up</u>				
1	Allow for keeping all the site tidy and clean, and for clearance of the site to the satisfaction of the Engineer/the Employer on completion of the contract.	Item	1.00		-
1.7	<u>Setting Out</u>				
1	Setting out of the Works	Item	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<u>Bill No : 1</u> <u>Preliminaries</u>				
1.8	<u>Precautionary , protect on ground or underground existing utilities , structures , services until complete the works.</u>				
1	Allow for precaution measures & maintaining for existing building , structure , foundation until completion the works as required. If there is any existing services to be protected can be included under this item.	Item	1.00		-
1.9	<u>Contractual Requirement</u>				
1	Provide all insurances under the contract as in Conditions of Contract.	Item	1.00		-
2	Provide performance bond as per the conditions of contract.	Item	1.00		-
3	Provide monthly progress report (couple of original copies) with photos prints each month.	Item	1.00		-
4	Provide originals and copies of "As Built Drawings" as per the contact.	Item	1.00		-
5	Provide originals and copies of operation and maintenance data manuals as per the contract stated.	Item	1.00		-
6	Payment to Relevant Statutory Utility Services Organizations for relocation of existing services as specified, If available.	Item	1.00		-
Total of Bill No: 01 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<u>Bill No: 02</u> <u>Ground Works</u>				
2.1	<u>General</u> (a) Rates shall include for: leveling, grading, trimming, compacting to faces of excavation, dewatering, keep sides plumb, backfilling, consolidating and disposing surplus & debris from site. (b) All are according to the detailed drawing and specification. (c) Rate shall include all the works completely unless other wise measured separately. (d) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed for completion.				
2.2	<u>Site clearance</u>				
1	Clearing site including if any trees, stumps , roots etc . Rate to include disposal of material away from the site.	m ²	578.00		-
2.3	<u>Excavation</u> (a) Excavation quantities are measured to the faces of concrete members. Rates shall include for all additional excavation required to place the formwork and disposal of excavated material from site.				
1	Excavation for strip foundation	m ³	79.00		-
2	Tie beam	m ³	34.00		-
2.4	<u>Back Filling & Earth Compaction</u>				
1	Back filling & well compact excavated area with suitable material as directed by the engineer.	Item	1.00		-
2	Allow to make floor preparation before placing ground floor slab. Rate to include compaction, leveling, filling etc..	Item	1.00		-
2.5	<u>Dewatering</u>				
1	Allow for dewatering during construction period using suitable system as required. This amount shall cover the removal of surface water collected by rain , under ground water or etc.	Item	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<u>Bill No: 02</u> <u>Ground Works</u>				
2.6	<u>Damp Proof Membrane</u> (a) Rates shall include for dressing around and sealing to all penetrations. All works according to the drawing.				
	<u>Damp Proof Membrane for</u>				
1	Bottom of Strip Foundation & Tie Beam	m ²	103.00		-
2	Sides of Strip Foundation & Tie Beam	m ²	181.00		-
3	Before placing ground floor slab	m ²	540.00		-
2.7	<u>Water Proofing</u> Rates shall include for dressing around and sealing to all penetrations Apply slurry type waterproofing to all surfaces of concrete below ground level in accordance with specification , drawings and manufacturer's instructions.				
1	Strip Foundation & Tie Beam	m ²	102.00		-
2	Column	m ²	33.00		-
Total Of Bill No: 02 - Carried to Bill summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 03 Concrete Works				
3.0	General (a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents. (b) Rates shall include for: placing in position; making good after removal of formwork and casting in all required items; additional concrete required to conform to structural and excavated tolerances. (c) Mix ratio for reinforced concrete shall be 1:3:6 and lean concrete shall be 1:2:4 by volume. (d) Quantity is measured to the edges of concrete foundation members. Rates shall be inclusive for any additional concrete required to place the formwork and excavated tolerances. (e) Rate to include water proofing compound/admixtures to concrete for wet area unless other wise measured separately, separately. (f) All works are according to the drawing and Rate to include all the work items unless other wise measured separately. (g) All works are according to the drawing and technical specification. (h) Where there may be any discrepancies between the drawings and BOQ, details given in the drawings shall proceed.				
1	Allow for concrete testing works until completion the works.	Item	1.00		-
3.1	Concrete Works				
3.1.1	Blinding Concrete				
1	50 mm thick blinding/lean concrete to bottom	m ²	64.00		-
	Reinforced Concrete In-situ reinforced concrete to:				
3.1.2	Foundation To Ground Floor Level				
1	Footing	m ³	19.00		-
2	Column Stump	m ³	4.00		-
3	Lift Base & Wall	m ³	1.00		-
4	Staircase Base	m ³	1.00		-
5	Ground Floor Slab - 140 mm thk.	m ³	78.50		-
6	Tie/Foundation Beam	m ³	17.50		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No: 03					
<u>Concrete Works</u>					
3.1.3	Ground Floor Level to First Floor Top Level				
1	Staircase	m ³	4.00		-
2	Slab - Metal Deck Orientation	m ³	80.00		-
3	Lift Wall	m ³	6.00		-
3.2	<u>Formwork</u>				
	(a) Rates shall include for: all necessary boarding, supports, erecting, framing, temporary cambering, cutting, perforations for reinforcing bars, bolts, straps, ties, hangers, pipes and removal of formwork.				
3.2.1	Foundation To Ground Floor Level				
1	Footing	m ²	42.00		-
2	Column	m ²	33.00		-
3	Lift Base & Wall	m ²	11.00		-
4	Staircase Base	m ²	10.00		-
5	Tie/Foundation Beam	m ²	140.00		-
3.2.2	Ground Floor Level to First Floor Top Level				
1	Staircase	m ²	32.00		-
2	Slab - Metal Deck Orientation (Metal Deck Formwork)	m ²	539.00		-
3	Lift Wall	m ²	76.00		-
3.3	<u>Reinforcement</u>				
	(a) Rates shall include for: cleaning, fabrication, placing, the provision for all necessary temporary fixings , supports including tie wire and chair supports, laps , couplers , distribution bars and wastage.				
	(b) All reinforcing bars shall be high strength bars.				
	(c) All in accordance with the drawings and specifications.				
3.3.1	Foundation To Ground Floor Level				
1	Footing	t	1.50		-
2	Column	t	0.50		-
3	Lift Base & Wall	t	0.25		-
4	Staircase Base	t	0.10		-
5	Tie/Foundation Beam	t	2.75		-
6	Ground Floor Slab - 140 mm thk.	t	9.50		-
3.3.2	Ground Floor Level to First Floor Top Level				
1	Staircase	t	0.50		-
2	Slab - Metal Deck Orientation	t	6.00		-
3	Lift Wall	t	0.50		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No: 03					
<u>Concrete Works</u>					
3.4	<u>Other Concrete Works</u>				
	<u>Lintel Works</u>				
3.4.1	Provide lintel where the door/windows do not touch the concrete surface. Rate to include reinforcement , formwork & concrete completely .				
1	Ground Floor	Item	1.00		-
2	First Floor	Item	1.00		-
3.4.2	<u>Vanity for Toilets & Pantry</u>				
	Preparation of vanity for toilets & pantry area as shown in the drawing. Rate to include reinforcement , formwork & concrete completely .				
1	Ground Floor	Item	1.00		-
2	First Floor	Item	1.00		-
3.4.3	<u>Expansion Joint</u>				
	Allow to make expansion joint completely as shown in the detailed drawing.				
1	Ground Floor	m	57.00		-
3.4.5	Preparation of floor ramp for entrance/out to the building at ground floor as shown in the detailed drawing. Rate to include reinforcement , formwork , concrete & related works completely .	Item	1.00		-
3.5	<u>Water Proofing for Wet Surface</u>				
3.5.1	Application of approved water proofing chemical for toilets floor , in accordance with the drawings , specifications and manufacture instructions.				
1	Ground Floor	m ²	39.00		-
2	First floor	m ²	37.00		-
Total Of Bill No: 03 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 04 <u>Masonry & Plastering</u>				
4.1	<u>General</u>				
	(a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents.				
	(b) 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 , filling of gaps , 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 , temporary supports to openings and for all necessary making good.				
	(c) Suitable filling material shall be used in all joints of concrete and masonry as a bonding agent according to the drawing.				
	(d) Rate shall include water proofing chemicals/admixtures unless other wise measured separately.				
	(e) All in accordance with the drawing and specification & The rates shall cover all the works completely unless other wise measured separately.				
	(f) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.				
4.2	<u>Cement Block Work</u>				
	<u>External Wall</u>				
4.2.1	150 mm thick vertical masonry block wall in 1:5 cement sand mortar .				
1	Ground floor	m ²	301.00		-
2	First floor	m ²	159.00		-
	<u>Internal Wall</u>				
4.2.2	150 mm thick vertical masonry block wall in 1:5 cement sand mortar .				
1	Ground floor	m ²	291.00		-
2	First floor	m ²	91.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 04 <u>Masonry & Plastering</u>				
4.3	<u>Plastering</u>				
	(a) Cement plastering on walls and concrete surfaces as specified incl. wire mesh at the joints of concrete surfaces and walls. Rates shall include for cutting all decorative grooves as shown in the drawing .				
	(b) Rates for plastering shall includes for forming doors and windows reveals.				
	(c) Rates for plastering shall include for providing chamfered edges straight and neat edges.				
	(d) Rate shall include water proofing admixtures/chemicals for external plastering.				
	(e) Rate to include steel mesh, fiber mesh where necessary & all works are according to the drawing.				
	(f) Rate to include Boss PU25 or Similar Anti Fungus Silicon Fill .				
	<u>External Walls</u>				
4.3.1	20 mm thk. External plastering , 10 mm thk. 1 layer & 10 mm thk. 2 layer , on all external surface with 1:5 cement sand mortar finish with semi rough.				
1	Ground floor	m ²	301.00		-
2	First floor	m ²	159.00		-
	<u>Internal Walls</u>				
4.3.2	13 mm thk. Internal plastering on all internal surface with 1:5 cement sand mortar finish with smooth.				
1	Ground floor	m ²	883.00		-
2	First floor	m ²	341.00		-
4.4	<u>Cement Screed/Flooring (38 mm thk.)</u>				
	<u>For General Floor</u>				
4.4.1	Cement sand mortar screed 1:3 with rough finish for tilling works.				
1	Ground floor	m ²	515.00		-
2	First floor	m ²	539.00		-
	<u>For Staircase</u>				
4.4.2	Cement sand mortar screed 1:3 with rough finish for tilling works.				
1	Ground floor - First floor	m ²	24.00		-
Total Of Bill No: 04 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<p><u>Bill No: 05</u> <u>Metal Works</u></p>				
5.1	<p><u>General</u></p> <p>(a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents.</p> <p>(b) Rates shall include for: all fabrication work, welding, marking, drilling, for bolts including those securing timbers, steel plates, bolts, nuts and any type of washer, riveted work, counter sinking and tapping for bolts or machine screws.</p> <p>(c) Rates shall include for all painting and finished as specified.</p> <p>(d) Rates shall include for fabrication and erection and temporary supports and fixing in to position.</p> <p>(e) The contractor shall submit sample of SS and GI sections and all other accessories for approval for the Engineer.</p> <p>(f) All are according to the drawings and specification. The rates shall cover all the works completely unless other wise measured separately.</p> <p>(g) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.</p>				
5.2	<p><u>Main Staircase Railing</u></p> <p>Supply , fabricate and fixing main staircase handrail completely according to shown in the drawings. Rate to include finishing works etc..</p>				
1	Ground to first floor	m	13.00		-
Total Of Bill No: 05 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 06 Ceiling Works				
6.0	General (a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents. (b) Rates shall include for: screws, nails, bolts, nuts, standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories. (c) The rates shall cover all the works completely according to the drawing unless otherwise measured separately. (d) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed. (e) Please see finishing schedule "note" for more details.				
6.1	Fiber Board Ceiling System Supply & fixing fiber board ceiling with frame as shown in the drawing completely.				
1	Ground floor	m ²	515.00		-
2	First floor	m ²	539.00		-
Total Of Bill No: 06 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No : 07				
	<u>Door & Window , Glazing & Glassing and Aluminum Works</u>				
7.1	<p><u>General</u></p> <p>(a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents.</p> <p>(b) Rates shall include for locks, latches, closers, push plates, pull handles, bolts, kick plates, hinges and all door & window hardware with other accessories. Material should be with superior quality.</p> <p>(c) Rates shall include for door frames and window frames, mullions, transoms, trims, glass, tinting, timber panels, boardings, framing, lining, fastenings and all fixings and installation.</p> <p>(d) All louvers, windows and sliding doors shall be as specified in the drawing & schedules..</p> <p>(e) Rates shall include for all painting/coating as specified.</p> <p>(f) The contractor shall submit sample for aluminum frames, timber door & window hardware , tempered heat reflective glass , shutter sample , sealants for door and windows , accessories and other similar for approval of the Engineer.</p> <p>(g) All are according to drawings and specifications. The rates shall cover all the work items completely unless other wise separately.</p> <p>(h) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.</p> <p>(i) The contractor shall refer schedules of door and window for more details to pricing.</p>				
7.2	<u>Door Units</u>				
7.2.1	<u>Ground Floor</u>				
1	D2 - 600 x 2150 toilet door	nr	4.00		-
2	D3 - 900 x 2150 mm powder coated aluminum door	nr	13.00		-
3	D4 - 900 x 2150 mm powder coated aluminum door	nr	1.00		-
4	D6 - 1000 x 2150 mm powder coated aluminum door	nr	6.00		-
5	D7 - 1450 x 2400 mm aluminum roller shutter door	nr	2.00		-
6	D8 - 1500 x 2150 mm powder coated aluminum door with tempered glass panel	nr	7.00		-
7	D9 - 1800 x 2150 mm powder coated aluminum door with tempered glass panel	nr	4.00		-
8	D10 - 6028 x 2400 mm aluminum roller shutter door	nr	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No : 07					
<u>Door & Window , Glazing & Glassing and Aluminum Works</u>					
7.2.2	<u>First Floor</u>				
1	D1 - 750 x 2150 mm powder coated aluminum door	nr	1.00		-
2	D2 - 600 x 2150 toilet door	nr	8.00		-
3	D3 - 900 x 2150 mm powder coated aluminum door	nr	5.00		-
4	D6 - 1000 x 2150 mm powder coated aluminum door	nr	4.00		-
5	D7 - 1450 x 2400 mm aluminum roller shutter door	nr	1.00		-
6	D11 - 900 x 2100 mm frameless glass panel door	nr	14.00		-
7	D12 - 1500 x 2100 mm frameless glass panel door	nr	2.00		-
7.3	<u>Window Units</u>				
7.3.1	<u>Ground Floor</u>				
1	V1 - 750 x 750 mm aluminum framed tempered glass panel window	nr	2.00		-
7.4	<u>Tempered Glass Panel</u>				
	Supply and install/fixing tempered glass panel as shown in the drawings and manufacture's specification.				
1	Ground floor	m ²	68.00		-
2	First floor	m ²	277.00		-
7.5	<u>Frosted Glass Wall</u>				
	Supply and install/fixing fixed glass panel as shown in the drawings and manufacture's specification.				
1	First floor	m ²	164.00		-
7.6	<u>Aluminum Louvers</u>				
	Supply and aluminum louvers as shown in the drawings and manufacture's specification.				
1	Ground floor	m ²	62.00		-
Total Of Bill No: 07 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 08 <u>Painting Works</u>				
8.1	<p><u>General</u> <u>Painting Works</u></p> <p>(a) Rates shall include for the provision , erection and removal of scaffolding, preparation, rubbing down between coats and similar work, the protection and/or masking floors, fittings and similar work, removing and replacing door and window furniture.</p> <p>(b) All painting work shall be carried in accordance with the Specifications</p> <p>(c) Colour to be approved by the Architect & the Engineer.</p> <p>(d) The brand of paint shall be with approved manufacture.</p> <p>(e) The rates shall cover all the works completely according to the drawing unless otherwise measured separately.</p> <p>(f) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.</p> <p>(g) Please see finishing schedule for more details.</p>				
8.2	<p><u>Internal Walls</u></p> <p>Emulsion paint by approved manufacture finishing with wall putty , one coat of primer , two paint coat interior grade on internal wall , columns , beam. Rate to include walls smoothing works etc.</p>				
1	Ground floor	m ²	883.00		-
2	First floor	m ²	341.00		-
8.3	<p><u>External Walls</u></p> <p>Apply paint by approved manufacture finishing with one coat of primer , two paint coat exterior grade on all external surface finish with texture.</p> <p>Rate shall include water proofing admixtures / weather proof for external painting.</p>				
1	Ground floor	m ²	301.00		-
2	First floor	m ²	159.00		-
Total Of Bill No: 08 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 09 <u>Floor & Wall Finishing Works</u>				
9.1	<u>General</u> <u>Floor Finishing</u> (a) Rates shall include for fixing , paving , grouting , pointing , finishing and any other similar works to ensure the required finish. Tile bed has measured separately under Masonry Works. (b) All materials shall be approved quality/brand or similar as given in the technical specifications and finishing schedule. (c) The contractor shall submit samples of all finishing materials for approval of the Engineer / the Architect. (d) All materials shall be fixed using a proper adhesive/bonding material. (e) The rates shall cover all the works completely according to the drawing unless otherwise measured separately. (f) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed. (g) Please see finishing schedule for more details. <u>Wall Finishing</u> (a) Rates shall include for fixing , paving , grouting , pointing , finishing and any other similar works to ensure the required finish. Tile bed has measured separately under Masonry Works. (b) All acoustic surface shall be approved quality/brand or similar as given in the technical specifications and finishing schedule. (c) The contractor shall submit samples of all finishing materials for approval of the Engineer / the Architect. (d) The rates shall cover all the works completely according to the drawing unless otherwise measured separately. (e) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed. (f) Please see finishing schedule for more details.				
9.2	<u>Floor Finishes</u>				
9.2.1	<u>600 x 600 x 8 mm homogenous tile</u>				
1	Ground Floor	m ²	482.00		-
2	First floor	m ²	487.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No: 09					
<u>Floor & Wall Finishing Works</u>					
9.2.2	<u>300 x 300 x 6 mm homogeneous tile - toilet floor</u>				
1	Ground Floor	m ²	39.00		-
2	First floor	m ²	37.00		-
9.2.3	<u>Floor Preparation At Refurbishment Area</u>				
	Allow to make floor preparation works at refurbishment works area including necessary tilling works.	Item	1.00		-
9.3	<u>Wall Finishes</u>				
9.3.1	<u>600 x 300 x 8 mm homogeneous tile - toilet wall</u>				
1	Ground Floor	m ²	207.00		-
2	First floor	m ²	200.00		-
9.4	<u>Tile Skirting</u>				
	<u>Fixing tile skirting according to the drawing & schedule.</u>				
1	Ground floor	Item	1.00		-
2	First floor	Item	1.00		-
9.5	<u>Staircase Tiling</u>				
	<u>Supply & fixing tile for staircase as requirement/finishing schedule.</u>				
1	Ground floor	m ²	24.00		-
9.6	<u>Vanity Finishing Works</u>				
	Finishing works for vanity at toilets & panty area , according to the drawing. Rate to shall include all the works completely.				
1	Ground floor	Item	1.00		-
2	First floor	Item	1.00		-
9.7	<u>M Board Partition Works</u>				
	<u>Internal Wall Partition Works</u>				
	Supply & fixing M board partition with steel frame works as shown in the drawing , specification completely.				
1	Ground floor	m ²	333.00		-
2	First floor	m ²	313.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No: 09					
<u>Floor & Wall Finishing Works</u>					
9.8	<u>Wall Cladding</u>				
1	Supply & fixing wall cladding at ground floor with steel frame works as shown in the drawing , specification completely.	m ²	26.00		-
9.9	<u>Steel Column Finishing</u>				
1	Allow to finish steel column/H iron column with covering suitable material to make good surface.	Item	1.00		-
9.10	<u>Toilet Cubical Partition Works</u>				
	Supply & fixing partition for toilet cubical as shown in the drawing , specification completely.				
9.10.1	<u>Ground floor</u>				
1	18 mm thk partition	m ²	17.00		-
2	75 mm thk partition	m ²	28.00		-
9.10.2	<u>First floor</u>				
1	18 mm thk partition	m ²	32.00		-
Total Of Bill No: 09 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No : 10 <u>Electrical Installation</u>				
10.1	<p><u>General</u></p> <p>(a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents.</p> <p>(b) All materials, equipment, wiring and workmanship shall good quality as required by STELCO.</p> <p>(c) Rates shall include for electrical conduits , Cable , PVC sun box , fittings, equipment and similar all fixings to various building surfaces.</p> <p>(d) Rates shall include for screws , nails , bolts, nuts , standard cable fixing or supporting clips, brackets, straps, rivets, plugs and all incidental accessories.</p> <p>(e) Rates for work in trench shall include for excavation, maintaining faces of excavations, backfilling, compaction, appropriate cable covers, warning tape and disposal of surplus soil from site.</p> <p>(f) Rates shall include all costs associated with provision of all holes , openings , chases in block walls , duct and other builders work completely.</p> <p>(g) Electrical fittings shall in approved manufactures & it will be measured under separately.</p> <p>(h) A point wiring for power point is measured as one point including all for each socket outlets and wiring for light & fan is measured as one point including all. All the fitting will be measured separately.</p> <p>(i) Rates shall include for supply and complete installation</p> <p>(j) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.</p>				
10.2	<p><u>Main Connection</u></p> <p>Supply STELCO main connection as required completely. Rate to include main cable/11 KV incoming cable and laying cost from transformer to main panel board completely.</p>	Item	1.00		-
10.3	<p><u>Main Panel Board/Main Switch Board</u></p> <p>Supply and installation of Main Panel Board completely including all the accessories as shown in detailed electrical drawings and technical specifications. Rate to include proper earthing system , connections , testing and commissioning as to the requirement of STELCO , wiring , switch and other fittings etc. Rate to include necessary builders work completely finishing.</p>	Item	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No : 10					
<u>Electrical Installation</u>					
10.4	<u>Distribution Board</u> Supply and installation Distribution Board for power distribution with cable from Main Panel Board to require location with other required fittings completely as shown in the drawings and technical data. Rate to include cable , conduit and all the builders work completely.				
1	Ground floor	nr	6.00		-
2	First floor	nr	6.00		-
10.5	<u>Testing and Commissioning Works</u> Allow for whole electrical works testing and commissioning.	Item	1.00		-
10.6	<u>Electrical Wiring</u> Electrical wiring with copper conductor cable in conduits through walls , casing on soffits of slab or through soffit , through ceiling as specified. Rates shall include related fittings and accessories completely.				
10.6.1	<u>Wiring with 1.5 mm² cable to lighting points</u>				
1	Ground Floor	nr	286.00		-
2	First Floor	nr	270.00		-
10.6.2	<u>Wiring with 2.5 mm² cable to power points</u>				
1	Ground Floor	nr	85.00		-
2	First Floor	nr	154.00		-
10.6.3	<u>Cable for Telephone Outlet , Computer Network Outlets , TV Points.</u>				
1	Ground Floor	nr	15.00		-
2	First Floor	nr	73.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No : 10 <u>Electrical Installation</u>				
10.7	<u>Light Fittings</u> Supply and fixing light fittings completely with approved manufactures. All are accordance to the drawings and specification.				
10.7.1	Ground Floor				
1	2 x 8 W LED lamp recessed square down light	nr	16.00		-
2	2 x 8 W LED lamp recessed circular down light	nr	4.00		-
3	3 x 14 W lamp 600 x 600 mm recessed, T5 fluorescent fixture with electronic ballast	nr	164.00		-
4	Emergency battery pack - 3HR	nr	70.00		-
5	1 x 60 W incandescent lamp in surface mount weather proof light	nr	29.00		-
6	Exit sign with 2H backup gear	nr	3.00		-
10.7.2	First Floor				
1	2 x 8 W LED lamp recessed square down light	nr	18.00		-
2	2 x 8 W LED lamp recessed circular down light	nr	4.00		-
3	3 x 14 W lamp 600 x 600 mm recessed, T5 fluorescent fixture with electronic ballast	nr	159.00		-
4	1 x 26 W compact fluorescent lamp in recessed light	nr	12.00		-
5	Emergency battery pack - 3HR	nr	77.00		-
10.8	<u>Socket Outlets</u> Supply and fixing socket outlets completely with approved manufactures. All socket outlets shall be accordance to the drawings and specification.				
10.8.1	Ground Floor				
1	1 Gang 13A	nr	2.00		-
2	2 Gang 13A	nr	23.00		-
3	Computer Network Outlet	nr	6.00		-
4	TV Point	nr	1.00		-
5	2 Gang 13A - floor concealed	nr	4.00		-
6	1 Gang 15A - Ceiling Concealed	nr	56.00		-
7	Floor Concealed Multimedia Outlet including 2 Gang 13A socket , RJ11 & RJ 45 female connectors	nr	8.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No : 10					
<u>Electrical Installation</u>					
10.8.2	First Floor				
1	1 Gang 13A	nr	22.00		-
2	2 Gang 13A	nr	78.00		-
3	Computer Network Outlet	nr	54.00		-
4	2 Gang 13A - floor concealed	nr	4.00		-
5	1 Gang 15A - Ceiling Concealed	nr	46.00		-
6	Floor Concealed Multimedia Outlet including 2 Gang 13A socket , RJ11 & RJ 45 female connectors	nr	19.00		-
7	1 Gang 15A	nr	4.00		-
10.9	<u>Switches</u>				
	Supply and fixing light switches completely with approved manufactures.				
	All are accordance to the drawings and specification.				
10.9.1	Ground Floor				
1	1 Gang 1 Way	nr	22.00		-
2	2 Gang 1 Way	nr	1.00		-
3	3 Gang 1 Way	nr	4.00		-
4	4 Gang 1 Way	nr	4.00		-
10.9.2	First Floor				
1	1 Gang 1 Way	nr	18.00		-
2	2 Gang 1 Way	nr	15.00		-
3	3 Gang 1 Way	nr	2.00		-
4	4 Gang 1 Way	nr	2.00		-
10.10	<u>CCTV Camera System</u>				
	Supply & fixing CCTV camera as shown in the location drawing, specification & manufacture's instruction. Rate to include power supply , data cable , conduit & etc...				
10.10.1	<u>Wall Mount CCTV Camera</u>				
1	Ground floor	nr	25.00		-
10.10.2	<u>Wall Mount Outdoor CCTV Camera (With Water Proof Cover)</u>				
1	Ground floor	nr	31.00		-
10.10.3	<u>Rotating Dome PTZ IP Camera</u>				
1	Ground floor	nr	18.00		-
2	Second floor	nr	10.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No : 10					
<u>Electrical Installation</u>					
10.10.4	Supply & fixing CCTV monitor panel/main control panel as shown in the drawing , specification & manufacture's instruction. Rate to include monitor panel , data storage , cable , power supply etc.. Completely.	Item	1.00		-
10.10.5	Supply & fixing wide angle CCTV camera, in side the lift as shown in the drawing , specification & manufacture's instruction. Rate to include power & data cable and other related fittings , accessories etc..	nr	1.00		-
10.11	<u>Signage Works</u>				
	Allow to provide signage as requirement of design for the works including identification signs , directional signs , warning & caution signs , wall mounted information signs , basic identification system elements , placement of signs , sign messaging , sign hardware system and installation etc...	Item	1.00		-
10.12	<u>Earthing & Lightning Protection System</u>				
1	<u>Roof</u>				
	Supply & fixing lightening protection system as shown in the drawing. Rate to include potential equalization bar (Twin disconnecting link) , metallic DC clip at every 1 meter internal for horizontal run and connecting with ground pit , all the builder's work , related fittings & accessories etc...	Item	1.00		-
2	<u>Ground</u>				
	Supply & fixing earthing system as shown in the drawing. Rate to include earth rod (20 mm dia. 3000 mm long) , embedded in inspection pit/test pit (nr of 10 pits) , ground cabling , PVC conduit and all the builder's work , related fittings & accessories etc...	Item	1.00		-
10.13	<u>Air Terminal Unit</u>				
	Supply & fixing/install air terminal units at roof top parapet as shown in the drawing completely. (6 nr unit)	Item	1.00		-
10.14	<u>Transformer</u>				
	Supply & install transformer as requirement of the project/building . Rate to including related builder's works , fittings & accessories etc.. (415V , 3 phase)	Item	1.00		-
10.15	<u>Generator</u>				
	Supply & install generator as requirement of the project/building . Rate to including related builder's works , fittings & accessories etc..	Item	1.00		-
Total Of Bill No: 10 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
11.1	<p style="text-align: center;">Bill No: 11 <u>Hydraulics , Drainage and Sanitary Fixtures</u></p> <p><u>General</u></p> <p>(a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents.</p> <p>(b) Rates shall include for pipe laying works cutting & waste of pipe etc. & joining pipes , connecting pipes to sanitary fixture and appliances , valves , sockets, running joints, connectors, elbows, junctions, reducers, expansion joints , backnuts and similar , incidental fittings, clips, saddles, brackets, straps, hangers, screws, nails and fixing complete.</p> <p>(c) Rates shall include cutting and forming holes , mortises , chases and casting to block walls.</p> <p>(d) Drainage works shall include excavation , pipe laying & backfilling and disposal of surplus soil from site. Rate to include necessary bends , junctions , reducers , valve & etc.</p> <p>(e) All pipe work shall be uPVC.</p> <p>(f) Rates for the sanitary fittings and applications shall include all the material for proper fixing as shown in the drawings with approved manufactures , assembling , jointing together with fixing component parts and perfect working order on completion and protecting the works.</p> <p>(g) All sanitary fixtures used shall be of superior quality and approved by the Architect / the Engineer on submission of samples.</p> <p>(h) Rates shall include all the works completely unless otherwise measured separately.</p> <p>(i) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.</p>				
11.1.A	<p><u>Testing and Certify/Commissioning Works</u></p> <p>Allow for whole pipe net works testing and certify/commissioning.</p>	Item	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No: 11					
<u>Hydraulics , Drainage and Sanitary Fixtures</u>					
11.2 <u>Main Connections</u>					
1	Allow for main connection from MWSC completely. Rate to include statutory authorities charges and other relate cost.	Item	1.00		-
2	Allow for connect existing incoming fresh water line from pump with proposed building main line . Rate to include statutory authorities charges and other relate cost.	Item	1.00		-
3	Building main sewer line connect to road main line/existing line. Rate to include all related charges.	Item	1.00		-
4	Building storm water & waste water line connect to road main drain/existing line. Rate to include all related charges.	Item	1.00		-
11.3 <u>Pipe work - Fresh water</u>					
Allow for supply and installation of pipe work to all floors toilets , kitchen & for general works from pump room including all the necessary pipes , fittings and other accessories as shown in the detailed drawings.					
1	Ground floor	Item	1.00		-
2	First floor	Item	1.00		-
11.4 <u>Pipe Work - Sewage , Waste Water & Storm Water</u>					
Pipe works for Sewage , Waste water & Storm water collection from all floor toilets , kitchens & roof terrace storm water to ground floor lifting station/collection chamber. Rate shall include necessary pipes , fittings , accessories & etc.					
1	Ground floor	Item	1.00		-
2	First floor	Item	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 11 <u>Hydraulics , Drainage and Sanitary Fixtures</u>				
11.5	<u>Sanitary Fixtures & Accessories</u> Supply and fixing sanitary fixtures according to the given drawing and technical specifications complete including brackets, flush pipes, overflows, plugs , washers , necessary fittings & accessories. All the works according to the drawings and technical specifications.				
11.5.1	<u>Ground Floor</u>				
1	WC Complete Set	nr	15.00		-
2	Wash Basin Pedestal Type	nr	1.00		-
3	Wash Basin Counter Type	nr	10.00		-
4	Wash Basin Tap	nr	11.00		-
5	Mirror	nr	11.00		-
6	Muslim shower	nr	15.00		-
7	Toilet Paper Holder	nr	15.00		-
8	Soap Holder	nr	11.00		-
11.5.2	<u>First floor</u>				
1	WC Complete Set	nr	8.00		-
2	Wash Basin Counter Type	nr	8.00		-
3	Wash Basin Tap	nr	8.00		-
4	Mirror	nr	8.00		-
5	Muslim shower	nr	8.00		-
6	Toilet Paper Holder	nr	8.00		-
7	Soap Holder	nr	8.00		-
8	Sink	nr	1.00		-
9	Sink Tap	nr	1.00		-
11.6	<u>Floor Trap</u> Supply and fixing floor trap according to the drawing & specification.				
1	Ground floor	nr	10.00		-
2	First floor	nr	11.00		-
11.7	<u>Water Pumps</u> Supply and installation of water booster Pumps completely, for fresh water supply including pump stand, connecting to pipe work and electricity as specified given in the drawing. Rate shall include all the works completely.	Item	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 11 <u>Hydraulics , Drainage and Sanitary Fixtures</u>				
11.8	<u>Water Meters</u> Supply and fixing of MWSC water meter at ground floor, for each floor completely according to the drawing.	Item	1.00		-
11.11	<u>Inspection Chamber</u> (a) Rates shall include for excavation, concrete works , maintaining faces of drain pipe trenches and pits, backfilling, disposal of surplus spoil , bends, junctions, reducers, expansion joints and all joints and other incidental materials. Inspection Chamber(IC) 587 x 587 mm size, complete as shown in the detailed drawing including all pipe connections and similar.	nr	3.00		-
Total Of Bill No: 11 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<u>Bill No : 12</u> <u>Air Conditioning Works</u>				
12.1	<u>General</u>				
	(a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents.				
	(b) Rates shall include for complete supply, installation, ducting, wiring, pipe work (insulated liquid, gas and drain), electrical and fixings as per the drawings.				
	(c) Rate to include builders works as necessary complete the works.				
	(d) Rate to include indoor & out door A/C unit as shown in the drawing completely.				
	(e) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.				
	(f) Rate shall include all the works completely unless otherwise measured separately.				
12.1.A	<u>Testing and Certify/Commissioning Works</u>				
	Allow for whole air condition & ventilation works testing and certify/commissioning.	Item	1.00		-
12.2	<u>Ceiling Mounted FCU</u>				
	Supply and install ceiling mount FCU according to the detailed drawing completely . Rate to include power supply works & related builder's works completely and fixing fittings and accessories.				
12.2.1	<u>Ground floor</u>				
1	18000 BTU/HR	nr	2.00		-
2	24000 BTU/HR	nr	31.00		-
12.2.2	<u>First floor</u>				
1	9500 BTU/HR	nr	10.00		-
2	12000 BTU/HR	nr	5.00		-
3	24000 BTU/HR	nr	8.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No : 12					
<u>Air Conditioning Works</u>					
12.3	<u>Wall Mounted FCU</u>				
	Supply and install wall mount FCU according to the detailed drawing completely . Rate to include out door unit , power supply works & related builder's works completely and fixing fittings and accessories.				
12.3.1	Ground floor				
1	7500 BTU/HR	nr	4.00		-
12.4	<u>VRV Unit</u>				
	Supply & fixing variable refrigerant volume system at terrace as shown in the drawing and manufactures specification. Rate to include all builders work & other related work items.				
1	VRV 1 - 138000 BTU/HR	nr	1.00		-
2	VRV 2 - 228000 BTU/HR	nr	1.00		-
3	VRV 3 - 430000 BTU/HR	nr	1.00		-
4	VRV 4 - 206000 BTU/HR	nr	1.00		-
5	VRV 5 - 138000 BTU/HR	nr	1.00		-
12.5	<u>Exhaust Fans - Ceiling Fix</u>				
	Rates shall include for supply , installation, wiring , conduit, electrical supply , fittings and necessary accessories as per the drawings & specification.				
12.5.1	Ground floor				
1	1500 CMH	nr	1.00		-
2	1700 CMH	nr	1.00		-
12.5.2	First floor				
1	400 CMH	nr	1.00		-
2	2000 CMH	nr	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No : 12					
<u>Air Conditioning Works</u>					
12.6	<u>Pre-Insulated Flexible Duct</u>				
	Supply , fabricate & fixing duct with insulation including all the fittings & related accessories according to the manufactures specification & drawings.				
12.6.1	Ground floor				
1	100 mm dia.	m	8.00		-
2	150 mm dia.	m	65.00		-
3	200 mm dia.	m	48.00		-
12.6.2	First floor				
1	100 mm dia.	m	12.00		-
2	150 mm dia.	m	18.00		-
3	200 mm dia.	m	14.00		-
12.7	<u>Supply & Return Duct Line - Rigid Duct</u>				
	Supply , fabricate & fixing duct with insulation including all the fittings & related accessories according to the manufactures specification & drawings.				
12.7.1	Ground floor				
1	150 x 150 mm	m	20.00		-
2	200 x 150 mm	m	29.00		-
3	200 x 200 mm	m	31.00		-
	250 x 150 mm	m	3.00		-
4	250 x 200 mm	m	21.00		-
5	250 x 250 mm	m	10.00		-
6	300 x 200 mm	m	38.00		-
7	300 x 250 mm	m	16.00		-
	300 x 300 mm	m	6.00		-
8	350 x 300 mm	m	4.00		-
12.7.2	First floor				
1	100 x 100 mm	m	11.00		-
2	150 x 150 mm	m	55.00		-
3	200 x 200 mm	m	21.00		-
4	250 x 250 mm	m	3.00		-
5	300 x 300 mm	m	2.00		-
6	350 x 350 mm	m	11.00		-
7	300 x 200 mm	m	9.00		-
8	200 x 150 mm	m	36.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
<u>Bill No : 12</u>					
<u>Air Conditioning Works</u>					
12.8	<u>Gas Pipe</u>				
	Supply , fabricate & fixing of gas pipe with insulation including all the fittings & related accessories according to the manufactures specification & drawings.				
1	Ground floor	m	232.00		-
2	First floor	m	176.00		-
12.9	<u>Liquid Pipe</u>				
	Supply , fabricate & fixing of liquid pipe with insulation including all the fittings & related accessories according to the manufactures specification & drawings.				
1	Ground floor	m	232.00		-
2	First floor	m	176.00		-
12.10	<u>Air Exhaust Grill</u>				
	Supply and fixing with cover as shown in the detailed drawing & specification completely.				
12.10.1	Ground floor				
1	350 x 350 mm	nr	7.00		-
12.10.2	First floor				
1	350 x 350 mm	nr	4.00		-
12.11	<u>Air Intake Grill</u>				
	Supply and fixing with cover as shown in the detailed drawing & specification completely.				
12.11.1	Ground floor				
1	350 x 350 mm	nr	5.00		-
12.11.2	First floor				
2	350 x 350 mm	nr	2.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No : 12					
<u>Air Conditioning Works</u>					
12.12	<u>Fresh Air Square Ceiling Diffuser</u>				
	Supply and fixing as shown in the detailed drawing & specification completely.				
12.12.1	Ground floor				
1	225 x 225 mm & 400 CMH	nr	5.00		-
2	225 x 225 mm & 300 CMH	nr	4.00		-
3	300 x 300 mm & 500 CMH	nr	13.00		-
12.12.2	First floor				
1	150 x 150 mm & 200 CMH	nr	8.00		-
2	225 x 225 mm & 400 CMH	nr	1.00		-
3	300 x 300 mm & 500 CMH	nr	4.00		-
12.13	<u>Exhaust Air Square Ceiling Diffuser</u>				
	Supply and fixing as shown in the detailed drawing & specification completely.				
12.13.1	Ground floor				
1	225 x 225 mm & 400 CMH	nr	11.00		-
2	150 x 150 mm & 180 CMH	nr	14.00		-
3	150 x 150 mm & 120 CMH	nr	5.00		-
4	225 x 225 mm & 320 CMH	nr	5.00		-
5	225 x 225 mm & 240 CMH	nr	4.00		-
12.13.2	First floor				
1	150 x 150 mm & 180 CMH	nr	8.00		-
2	150 x 150 mm & 120 CMH	nr	4.00		-
3	150 x 150 mm & 200 CMH	nr	2.00		-
4	225 x 225 mm & 400 CMH	nr	4.00		-
5	150 x 150 mm & 160 CMH	nr	6.00		-
6	225 x 225 mm & 320 CMH	nr	1.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No : 12 <u>Air Conditioning Works</u>					
12.14	<u>Heat Reclaim Ventilation Unit (HRV)</u>				
	Supply and fixing heat reclaim ventilation unit as shown in the drawing , schedules & manufactures specification completely. Rate shall cover all the related work items, under this.				
12.14.1	Ground floor				
1	2000 CMH	nr	5.00		-
12.14.2	First floor				
1	2000 CMH	nr	2.00		-
Total Of Bill No: 12 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<u>Bill No: 13</u> <u>Lift Works</u>				
13.1	<u>GENERAL</u> (a) The Bidder is requested to refer Drawings, Specifications and other relevant documents. (b) Rates shall include for all necessary electrical wiring and accessories required for completion of the lift installation. (c) All items shall be supply and complete installation completely. (d) All the works are according to the drawing and directed by the Engineer. (e) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.				
13.2	<u>Supply and Installation of Lift</u>				
1	Supply and installation of Lift according to the given drawing & specification completely .	nr	1.00		-
Total Of Bill No: 13 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 14 <u>Fire Fighting & Alarm Works</u>				
14.1	<u>GENERAL</u> (a) The Bidder is requested to refer the General Notes, Schedules, Drawings, Specifications and other relevant documents. (b) Shop drawings of the system shall be prepared to the standard of the government's relevant authority and submitted to the Consultant for approval. (c) All are according to the drawing and specification. Rates shall include all the works completely unless otherwise measured separately. (d) Rate to include valves , flexible connections , clean agent , pipes , conduits , cables and other fittings & necessary accessories. (e) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.				
14.1.A	<u>Testing and Certify/Commissioning Works</u> Allow for whole fire alarm & fighting works testing and certify/commissioning.	Item	1.00		-
14.2	<u>Fire Fighting System</u> <u>Rate to include supply and fixing completely with proper manufactures quality.</u>				
14.2.1	Ground Floor				
1	Portable CO ₂ - Extinguisher - 2Kg	nr	8.00		-
2	Portable ABC - Extinguisher - 4.5Kg	nr	8.00		-
3	Hose Reel	nr	2.00		-
14.2.2	First Floor				
1	Portable CO ₂ - Extinguisher - 2Kg	nr	8.00		-
2	Portable ABC - Extinguisher - 4.5Kg	nr	8.00		-
3	Hose Reel	nr	2.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	Bill No: 14 <u>Fire Fighting & Alarm Works</u>				
14.3	<u>Fire Alarm System</u> Rate to include supply and fixing completely with proper manufactures quality.				
14.3.1	Ground Floor				
1	Break Glass manual call point	nr	7.00		-
2	Smoke detector	nr	67.00		-
3	Fire alarm bell	nr	7.00		-
4	Flash light	nr	7.00		-
5	1.5 mm ² Fire resistance cable	m	302.00		-
14.3.2	First Floor				
1	Break Glass manual call point	nr	5.00		-
2	Smoke detector	nr	72.00		-
3	Fire alarm bell	nr	5.00		-
4	Flash light	nr	5.00		-
5	1.5 mm ² Fire resistance cable	m	256.00		-
14.4	<u>Pipes for Fire Fighting Related Works</u> Supply & laying wet & dry pipes for each floors vertical & horizontal, as shown in the drawings & specification completely.				
1	25 mm dia. GI pipe	m	21.00		-
2	32 mm dia. GI pipe	m	20.00		-
3	50 mm dia. GI pipe	m	96.00		-
4	Gate Valve 25 mm dia.	nr	6.00		-
5	Non return valve	nr	2.00		-
6	Landing valve	nr	2.00		-
Total Of Bill No: 14 - Carried to Bill Summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No: 15					
<u>Steel Structure & Roofing Works</u>					
15.1	<u>General</u>				
	(a) The Bidder is requested to refer Drawings, Specifications and other relevant documents.				
	(b) All items shall be supply and complete installation/fixing completely.				
	(c) All the works are according to the drawing and directed by the Engineer.				
	(d) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.				
	(e) The rates shall cover all the works completely according to the drawing unless otherwise measured separately.				
15.2	<u>Steel Column</u>				
1	Supply and fixing 200 x 600 mm steel column including all fittings and accessories.	m	153.00		-
15.3	<u>H - Beam</u>				
	<u>Supply and fixing H beams including all fittings and accessories.</u>				
	<u>First Floor</u>				
1	B1 - 200 x 600 mm	m	204.00		-
2	B2 - 152 x 450 mm	m	68.00		-
15.4	<u>Curve Rafter</u>				
1	Supply and fixing 175 x 582 curve rafter including all fittings and accessories.	m	113.00		-
15.5	<u>Purlins</u>				
1	Supply and fixing 230 x 2.0 mm purlins including all fittings and accessories.	m	397.00		-
15.6	<u>C - Channel</u>				
1	Supply and fixing 200 x 100 x 20 x 2 mm C Channel including all fittings and accessories.	m	114.00		-
15.7	<u>SAG ROD & ROD Roof Bracing</u>				
1	12 mm dia. SAG ROD	m	95.00		-
2	25 mm dia. ROD Roof Bracing	m	77.00		-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
Bill No: 15					
<u>Steel Structure & Roofing Works</u>					
15.8	<u>Fascia</u> Supply and fixing fascia (1870 mm height) Lysaght powder coated roofing sheet or colorbond material with nessecary fittings & accessories.	m	109.00		-
15.9	<u>Gutter</u> Supply and fixing gutter as shown in the drawing with nessecary fittings & accessories.	m	59.00		-
15.9.1	<u>Eave Purlin</u> Supply and fixing eave purlin as shown in the drawing with nessecary fittings & accessories.	m	59.00		-
15.10	<u>Roof Covering</u> Supply and fixing Lysaght powder coated roofing sheet or colorbond material for roof covering with nessecary fittings & accessories.	m ²	609.00		-
Total Of Bill No: 15 - Carried over to summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<u>Bill No: 16</u> <u>Other Works</u>				
16.1	<p><u>General</u></p> <p>(a) The Bidder is requested to refer Drawings, Specifications and other relevant documents.</p> <p>(b) All items shall be supply and complete installation/fixing/paving/laying completely.</p> <p>(c) All the works are according to the drawing,specification,schedules, manufacture's details and directed by the Engineer/Employer.</p> <p>(d) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed.</p> <p>(e) The rates shall cover all the works completely according to the drawing unless otherwise measured separately.</p>				
16.2	<p><u>Demolish Existing Wall</u></p> <p>Allow for Demolish existing masonry block walls as shown in the drawing. Rate to include remove debris , clearing from site. (Wall length approx. 132.00 m & wall height approx. 4.40 m)</p> <p>Drg No : A9-11-104R00</p>	Item	1.00		-
16.3	<p><u>Plant Box</u></p> <p>Allow to make plant box completely as shown in the drawing completely. (External)</p>	Item	1.00		-
16.4	<p><u>Existing Building & Proposed Building Connection</u></p> <p>Allow to make necessary arrangement for existing building & proposed building properly connection as suitable. Rate to include construction joint.</p>	Item	1.00		-
16.5	<p><u>External Pavement</u></p> <p>Allow to make external pavement of proposed building as nessecary with finishing works according to the schedules and the employer's direction.</p>	Item	1.00		-
Total Of Bill No: 16 - Carried over to summary					-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
	<u>Bill No: 17</u> <u>Furniture Works</u>				
17.1	<u>General</u> (a) The Bidder is requested to refer Drawings, Specifications and other relevant documents. (b) All items shall be supply and complete installation/fixing placing completely. (c) All the works are according to the manufacture's technical specification & requested by the employer/engineer. (d) Where there may be any discrepancies between the drawings and BOQ , details given in the drawings shall proceed. (e) The rates shall cover all the works completely according to the bid details unless otherwise measured separately.				
17.2	<u>Furniture & Common Equipments</u> Supply & placing furniture works as shown in the drawings , schedules , manufacture's specification completely.				
1	Complete set of Buffet	unit	1.00		-
2	Comfortable chair with pillow	nr	60.00		-
3	Small table/stool	nr	30.00		-
4	Flower vass	nr	30.00		-
5	Furniture for reception area	Item	1.00		-
6	Stand light	nr	12.00		-
	Total Of Bill No: 17 - Carried over to summary				-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
18.1	<p style="text-align: center;">Bill No: 18 <u>Additional Works</u></p> <p><u>General</u></p> <p>The Contractor shall describe and price hereunder any items/quantities shown on the drawings, mentioned in the Specifications, or required for the satisfactory completion of the project, not mentioned in the BOQ.</p>				
	Total Of Bill No: 18 - Carried over to summary				-

Item	Description	Unit	Qty	Rate (MVR)	Amount (MVR)
19.1	<p align="center"><u>Bill No: 19</u> <u>Omission Works</u></p> <p><u>General</u></p>				
Total Of Bill No: 19 - Carried over to summary					