

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



Ministry of Environment

Male', Republic of Maldives.

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކުރި ގަވާއިދުގެ ދަށުން
ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކުރި ގަވާއިދުގެ ދަށުން

މިއަހަރުގެ ފެބްރުއަރީ 2019 ވަނަ އަހަރުގެ ފެބްރުއަރީ 2019 ވަނަ އަހަރު
ގަވާއިދުގެ ދަށުން

މިއަހަރުގެ ފެބްރުއަރީ 2019 ވަނަ އަހަރުގެ ފެބްރުއަރީ 2019 ވަނަ އަހަރު
ގަވާއިދުގެ ދަށުން (IUL)438-WMPC/438/2019/152

20/6/2019

މިއަހަރުގެ ފެބްރުއަރީ 2019 ވަނަ އަހަރުގެ ފެބްރުއަރީ 2019 ވަނަ އަހަރު
ގަވާއިދުގެ ދަށުން

June 20, 2019

ސަލާސަތު 1 - ބަޔާން ބަޔާން

ބަޔާން ބަޔާން	ބަޔާން ބަޔާން
<p>ސަލާސަތު 1 - ބަޔާން ބަޔާން</p> <p>(IUL)438-WMPC/438/2019/152</p> <p>20 ޖޫން 2019</p>	<p>1.1</p>
<p>ބަޔާން ބަޔާން</p> <p>3018300</p> <p>procurement@environment.gov.mv</p>	<p>8.1</p>
<p>ބަޔާން ބަޔާން</p> <p>27 ޖޫން 2019</p> <p>13:00</p>	<p>9.1</p>
<p>ބަޔާން ބަޔާން</p> <p>3018300</p> <p>procurement@environment.gov.mv</p>	<p>9.2</p>
<p>4.1 4.2</p>	<p>12.1</p>
<p>ބަޔާން ބަޔާން</p> <p>02 ޖޫން 2019</p> <p>13:00</p>	<p>14.1</p>
<p>ބަޔާން ބަޔާން</p> <p>04 ޖޫން 2019</p> <p>13:00</p>	<p>16.2</p>
<p>6 ޖޫން</p>	<p>20.1</p>
<p>6000.00 (ރާއްޖޭގެ ރުފިޔާ)</p> <p>90 ޖޫން</p>	<p>28.1</p>

June 20, 2019

(ב) מוסמי תרבות	
17.1	17. מוסמי תרבות לימודים
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
17.2	17.2
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
17.3	17.3
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
17.4	17.4
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
18.1	18. מוסמי תרבות ישיבה
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
18.2	18.2
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
18.3	18.3
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
19.1	19. מוסמי תרבות ישיבה לימודים
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
(ג) מוסמי תרבות ישיבה תלמודית	
20.1	20. מוסמי תרבות ישיבה
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
20.2	20.2
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
20.3	20.3
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
21.1	21. מוסמי תרבות ישיבה
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
21.2	21.2
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
22.1	22. מוסמי תרבות ישיבה
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	
22.1.1	22.1.1
מוסמי תרבות ישיבה תלמודית, מוסמי תרבות ישיבה תלמודית.	

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2 - תוכנית

תוכנית לימודים

1. תוכנית לימודים לתואר ראשון בחינוך	
1.1	תוכנית לימודים לתואר ראשון בחינוך
1.2	תוכנית לימודים לתואר ראשון בחינוך
2. תוכנית לימודים לתואר ראשון בחינוך	
2.1	תוכנית לימודים לתואר ראשון בחינוך
2.2	תוכנית לימודים לתואר ראשון בחינוך
3. תוכנית לימודים לתואר ראשון בחינוך	
3.1	תוכנית לימודים לתואר ראשון בחינוך
	תוכנית לימודים לתואר ראשון בחינוך
	תוכנית לימודים לתואר ראשון בחינוך
3.2	תוכנית לימודים לתואר ראשון בחינוך
3.3	תוכנית לימודים לתואר ראשון בחינוך
4. תוכנית לימודים לתואר ראשון בחינוך	
4.1	תוכנית לימודים לתואר ראשון בחינוך
4.2	תוכנית לימודים לתואר ראשון בחינוך
4.3	תוכנית לימודים לתואר ראשון בחינוך
5. תוכנית לימודים לתואר ראשון בחינוך	
	תוכנית לימודים לתואר ראשון בחינוך
	תוכנית לימודים לתואר ראשון בחינוך
	תוכנית לימודים לתואר ראשון בחינוך
	תוכנית לימודים לתואר ראשון בחינוך

June 20, 2019

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....Name or Letterhead of The Business Entity: (Sole Proprietorship / Partnership / Corporative Society / etc).....

**Income Statement
For the Year Ended December 31, 20..**

	MVR	MVR
Revenues:		
Category 1	-	
Category 2	-	
<i>*add more categories if required</i>	-	
Total Revenues		-
Expenses:		
Category 1	-	
Category 2	-	
<i>*add more categories if required</i>	-	
Total Expenses		-
NET INCOME (Total Revenues subtracted from Total Expenses)		-

Name of the Authorized Signatory:

Authorized Signature:

Note: This Income Statement must be completed and submitted by Bidders except the Companies registered under the Companies Act (10/96). Companies are required to submit the Financial Statements as indicated in part 16.2.2 of this document.

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பகுதி 4 - திட்டமிடல் மற்றும் கட்டுமானத்துறை

பகுதி 4.1: திட்டமிடல் மற்றும் கட்டுமானத்துறை

CONSTRUCTION OF WASTE MANAGEMENT CENTRE - GDH. THINADHOO
Bill of Quantities

No	Item	Unit	Quantity	Rate	Amount
1	Preliminaries				
1.1	Mobilization to site	LS	0		
1.2	Site management cost including set up of tempory services for contractor's services as maybe necessary	LS	0.5		
2	Site Clearance and Demolition/Removal				
2.1	Allow for all site clean up work including relocation of existing waste to a temporary location identified by island council	LS	0.8		
3	Earth works				
	<i>Allow for all excavation work for foundations as follows</i>		0		
3.1	Structure 1 foundation	m3	0.00		
3.2	Structure 2 foundation	m3	3.46		
3.3	Perimeter wall	m3	0.00		
3.4	Flood light pole	m3	0.29		
3.5	Ground levelling works for ground slab works	m2	751.33		
3.6	Leachate collection tank	m3	6.00		
3.7	Setting up a ground water well in the location shown	LS	0		
4	Concrete works				
	<i>Structure 1</i>				
4.1	Provide 100mm concrete floor screed for structure 1. Reinforcement for the slab shall be R6@150 BW single layer	m3	20.17		
4.2	Wall Footing of Structure 1 walls cast according to drawing. Reinforcement shall be as shown on drawing	m3	0.00		
4.3	Isolated Footing for Structure 1 cast according to drawing. Reinforcement shall be as shown on drawing	m3	0.16		

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9.1	Lysaght roofing sheet for Structure 1. Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m2	222.64		
9.2	Roof flashing. Rate shall include fastening and sealing of joints	m	45.90		
9.3	Provide a 5" vinyl roof gutter. Rates shall include all materials and fastenings.	m	2		
9.4	Provide 2" x 3" downspout. Rates shall include all materials and fastenings.	LS	2		
	<i>Structure 2</i>				
9.5	Lysaght roofing sheet for Structure 2. Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m2	249.64		
9.6	Provide a 5" vinyl roof gutter. Rates shall include all materials and fastenings.	m	31.6		
9.7	Provide 2"x3" downspout. Rates shall include all materials and fastenings.	LS	2		
10	Electrical works				
	<i>Structure 1</i>				
10.1	Provide 3 phase 13 A power sockets in each compartment of the existing structure 1.5m above ground level as indicated in the drawing. Rate shall include connection using 10 sqmm 4 core power supply cable from distribution box to each compartment of structure 1 and all necessary accessories	Nos	3		
10.2	Provide 100W ceiling mount energy saving lights in structure 1 with the switches inside each compartment as indicated in the drawing. Rate shall include connection to circuit breaker	Nos	6		
10.3	Provide and mount a exhaust fan inside the closed storage compartments in structure 1 as indicated in the drawing. Rate shall include provision of switch near the entrance of the compartments, connection to circuit breaker and all necessary accessories	LS	2		
	<i>Structure 2</i>				
10.4	Provide 100W ceiling mount energy saving light in structure 2 with the switches near the entrance to the structure. Rate shall include connection to circuit breaker	Nos	3		
	<i>Existing Structure</i>				

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13	Other Works				
	<i>Structure 1 and 2</i>				
13.2	Provide HDPE membrane below slab of structure 1 and 2	m2	451.33		
	<i>Perimeter Wall</i>				
13.1	50 x 50 PVC coated mesh. Rate shall include properly securing the mesh to G.I steel frame	m2	394.80		
	<i>Compost Slab</i>				
13.2	Provide HDPE membrane below compost slab	m2	300.00		
13.3	Provide expansion joint in slab and fill the joint with polyethylene joint filler form and silicone as shown on drawing	m	60.00		
13.4	Provide two timber removable covers for the leachate collection tank of size 1000x2000mm as indicated in the drawing. Rates shall include all materials, fastenings and handles.	LS	2		
13.5	Connection of compost slab drain to primary tank of the leachate tank including ball valve	LS	1		
14	Demobilisation Works				
14.1	Setup sign boards on site as specified	LS	1		
14.2	Clean up site upon completion of works	LS	1		
14.3	Demobilization	LS	1		

TOTAL

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CONSTRUCTION OF WASTEMANAGEMENT CENTRE - GDH. THINADHOO
Bill of Quantities
SUMMARY SHEET

Bill No	Item	Amount
1	Preliminaries	
2	Site clearance/Demolition/Removal	
3	Earth works	
4	Concrete works	
5	Structural steel works	
6	Masonry works	
7	Plastering works	
8	Painting works	
9	Roofing works	
10	Electrical works	
11	Plumbing works	
12	Doors and windows	
13	Other Works	
14	Demobilisation	
	Sub Total	
	GST 6%	
	GRAND TOTAL	

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سورۃ بقرہ: 4.3: سورۃ بقرہ، آیت 245

Work Schedule

Works	Duration	Week																		Start Date	End Date	
		18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1			
Preliminaries																						
clearance/Demolition/Removal Site																						
works Earth																						
works Concrete																						
steel works Structural																						
works Masonary																						
works Plastering																						
works Painting																						
works Roofing																						
works Electrical																						
works Plumbing																						
and windows Doors																						
Works Other																						
Demobilisation																						

سٺو مشورو 4.5: سولجھي ڊزائيننگ



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المادة 4.6: شروط العمل

Working Site

The site should be kept clean during the construction work period and should be thoroughly cleaned once the works are completed. Works should be carried out on site in a safe manner to all the workers on site and the people living in the vicinity of site. Disturbance to the neighborhood should be kept to a minimum. Electricity and water supply to the site, during construction period, should be provided by the contractor

Concrete

Cement conforming to BS12 standards should be used for all concrete, masonry and plastering works. The cement intended for use should be fresh and should not have any traces of hardened cement in the bag.

1. All concrete works should be done using one brand of cement
2. Sand and aggregate used for concrete works should be well graded.
3. Concrete should be mixed in the ratio 1:2:3 which are 1 part cement, 2 parts sand and 3 parts aggregate.
4. All foundations should be cast on a lean concrete layer. The lean concrete should be placed on well compacted ground.
5. Concrete should be mixed using a concrete mixer. Concrete should not be mixed by hand. When pouring concrete into the formwork, the mix should be compacted using a mechanical vibrator.
6. Aggregate used for concrete works should not be larger than 20mm.
7. Sand and aggregate used for concrete works should be clear from dust, mud and other debris.
8. All reinforcement bars used for the concrete works should be free from rust and grease that could weaken the bonding between the reinforcement bar and the concrete. Care should be taken to use continuous bars rather than short segments joined by laps.

Masonry Works

1. All masonry work should be done using Cement confirming to BS12 standards.
2. Masonry blocks should be made from imported sand or local white sand sourced from a permitted sand borrow area. The sand should be free from organic matter and other debris.
3. Masonry blocks should be made from mortar mixed at 1:5 ratio with 1 part cement to 5 part sand.
4. Average size of sand particles should not exceed 5mm.

Plastering Works

1. All plastering work should be done using Cement confirming to BS12 standards.
2. Plaster mix should be made from imported or local sand white sand sourced from a permitted borrow area. The sand should be free from organic matter and other debris.
3. Plaster mix should be made by mixing Cement and Sand at a ratio of 1:3 with 1 part Cement to 3 part Sand.
4. Average size of sand particles should not exceed 5mm.

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Structural Steel work

1. All steel pipes obtained for the work should be new pipes and free from rust.
2. Thickness of pipes should not be less than 2.5mm

Electrical works

1. All materials used for electrical wiring should comply with MEA standards.

Roofing works

1. All materials used for roofing work should be newly purchased for the project.
2. All screws or bolts used for roof fixing should be G-I or Zinc finish screws.