



Ministry of Housing and Infrastructure
Male', Republic of Maldives.

ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ.



ދިވެހިސަރުކާރުގެ ފަރާތުން ހިންގާ ފަރާތެވެ - ދިވެހިސަރުކާރުގެ ދަށުން

ސަރުކާރުގެ ނަންބަރު: (IUL)138-PIS1/138/2017/96

އިތުރު ބަޔާން

ސި. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. www.housing.gov.mv

ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. 11:00 ގައި ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ.

ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. 11:00 ގައި ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ.

އިތުރު ބަޔާން ދެވަނަ ބައި:

ދިވެހިސަރުކާރުގެ ފަރާތުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ. ޖިސޯސެޖް ޕްރޮޖެކްޓް ރެޖިސްޓްރީ އިދާރާތަކީ ދިވެހިސަރުކާރުގެ ދަށުން ހިންގާ ފަރާތެވެ.

ފޯން: 3004301 3004110/3004327

އި-މެއިލް: emu@housing.gov.mv

17 ޖޯސަޖް ޖަޖްރީ 2017



Ministry of Housing and Infrastructure

Male', Republic of Maldives.

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުގައި
މި ސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުގައި

Economic Prosperity – Social Harmony



Invitation for Bids

Ministry of Housing and Infrastructure

Republic of Maldives

Reference: (IUL) 138-PIS1/138/2017/96

Date: 17 October 2017

S. Maradhoo Harbour Expansion Project.

1. The Ministry of Housing and Infrastructure invites interested parties to submit Bid Proposals to provide technical consultancy and report preparation works for the Environmental Impact Assessment of the above project.
2. The **Information Sheet** would be available through the Ministry's official website www.housing.gov.mv
3. The information session regarding the captioned project would be held on 19 October 2017, Thursday 11:00AM, at Ministry of Housing and Infrastructure.
4. Bidding opening would commence on 26 October 2017, Thursday 11:00AM, at Ministry of Housing and Infrastructure. Those who do not attend on time will not be allowed to submit their proposals.

Contact Information:

Infrastructure department/Environment Monitoring Unit

Ministry of Housing and Infrastructure

Ameenee Magu

Male', Rep. of Maldives

Phone: 3004110/ 3004327 Fax: 3004301

E.Mail: emu@housing.gov.mv





2. Draft TOR
 - Preparations of draft TOR based on the scope of work and get reviewed by the proponent.
3. EIA Application
 - Submission of EIA application with all relevant information and draft TOR
4. Scoping Meeting
 - Attend scoping meeting to finalize TOR
5. Stakeholder consultations
 - Carry out stakeholder consultations.
 - Feedback of consultations should be provided for the reference of proponent at the earliest.
 - Clarifications for the inquiries made during the consultations should be addressed in the EIA report by communicating with the proponent.
6. Field Surveys
 - Carry out field surveys and data collection
7. Technical Consultancy
 - Discuss the proposed design with the project design and implementation team based on the findings of surveys and consultations
8. Survey Report
 - Provide survey report
9. Draft EIA Report for proponent's review
 - Prepare EIA report and submit for the review of proponent
 - Make necessary revisions in discussion with the proponent.
10. EIA report submission to EPA
 - Once Proponent's Declaration, Commitment and submission documents are provided by the proponent, submit the EIA report to EPA
11. Dredging and reclamation application
 - Prepare and submit the dredging and reclamation application along with the EIA report to EPA
12. Additional information of EIA review
 - Provide any additional information requested by EPA reviewers.
13. Follow up on Decision Statement
 - Follow up on the Decision Statement.

3. Deliverables

- a. Survey Report
 - Explain the method of survey, survey equipment and devices, the dates of surveys, details of control points, condition of the site, information about the surveyors involved.
 - Consultation findings
 - Map Sheets: Printed at 1:1000 scale of A3 or larger sheets
 - Digital copy (In a CD)
 - All filed notes, sketches digitized to PDF format
 - All report in PDF format
 - All raw and processed data in ASCII and PDF format
 - All drawings in AutoCAD and PDF format
- b. EIA Report (EIA Decision Statement)
 - Should be undertaken in according to the Environment Impact Assessment Regulations 2012, the Amendments of the referred regulation and should as well take into consideration all other relevant laws, regulations, procedures and guidelines. Furthermore the report compiled should be in line with the EIA reporting guidelines provided by of EPA. The report shall cater to the EIA requirements of the proponent and also fulfill the specific requirements outlined in the project TOR approved by EPA
 - 3 color hard copies for EPA submission





- 1 soft copy in DVD for EPA for submission
- 1 complete soft copy of the EIA report for which DS was issued with all additional information in DVD for MHI.

3. Dredging and Reclamation Permit

4. Duration

- a) The duration for this work shall be from the date of contract signing to the date of Decision Statement approval for the EIA by EPA.
- i. The consultant shall adhere to the EIA overall timeline as attached in the Annex. As per the timeline, the draft EIA report for EPA submission shall be provided within the given number days from the date of TOR approval by EPA.
 - ii. The detailed schedule as per the template should be provided by the consultant within **3 days of ToR Approval.**
- b) It is the consultant's responsibility to expedite all processes stated in '**2. Scope of Works for Consultant**'. Any delays at the fault of the consultant shall result in Liquidated Damages (LD) as stated in 3 (d).
- d) Any delays in failing to meet the timeline will result in LD calculated for a maximum of 15% of the bidder's price. LD shall be calculated as the following
- (CP x 0.005 x LD)
CP: Contracted Price
LD: Late Duration
- e) The consultant is required to submit request for extension approval in writing if delays are foreseen. In the case of unapproved time delays extending beyond 07 days, the client reserves the right to terminate the Agreement and execute the remainder of the works with another Consultant. Any additional costs resulting from the termination of this agreement shall be paid by the Consultant and may be deducted from any amounts owed to the Consultant.
- f) If the delays are due to issues which could not be influenced by the consultant, in order to negate the LD charges the consultant should act as the following.
- i. delays due to EPA, delays due to the client: should submit sufficient paper work evidence to justify the consultant has done the consultant's responsibilities to the best of the consultant's abilities;
 - ii. Other unforeseen event: the consultant is to request for due to extension approval in writing with justification for these delays.
- g) Given that the consultant requests for extensions in writing with justification and evidence, the client shall issue extensions if any in writing.

5. Personnel

- a) The consultant shall propose their team for this project as per the technical team template provided in Annex
- b) Given the nature of the project, the team should be representative of experts with qualification and experience in coastal dynamics, social aspects/consultation and marine/ coastal survey
- c) Name, qualification, and contact details of the personnel for each shall be submitted, along with their Curriculum Vitae.





- d) Senior consultant as well as the focal person needs to be clearly identified. The senior consultant needs to hold a permanent EIA license and his/her EIA license copy shall be submitted along with a dated letter by the consultant stating his/her association with the bidding company.

6. Cost

- a) The consultant shall submit their cost proposal for the given work as per the attached financial template. The cost submitted by consultancy firms shall be inclusive of GST.
- b) Payments due to the consultant shall be paid promptly within 28 days from the date of receipt of the invoice.
- c) The currency of payment is Maldivian Rufiyaa
- d) Payments to consultants shall be made as follows;

Submission of survey report (with digital copy in CD)	25%
Submission of EIA to EPA	25%
Approval EIA and Dredging Permit	50%

7. Submission Requirements

Consultants shall submit all the documents listed under Section 4 (**Personnel**) and Section 5 (**Cost**). Furthermore, the following documents shall be submitted for the bids to be considered sufficiently responsive.

The following documents shall be submitted for the bids to be considered sufficiently responsive.

- a) Documents listed under Section 5 (Personnel)
- b) Documents listed under Section 6 (Cost)
- c) Company registration certificate (for firms)
- d) List of related EIA works completed by the **company/lead consultant**
- e) Proposed equipment and methodology of works
- f) Company profile

8. Evaluation Criteria

The evaluation will be carried out based on the following criteria. Technical evaluation will be based on the quality and details of the documents submitted.

- Price –50%
- Technical Capacity – 50%
 - Minimum - 10%

If the same consultant is evaluated to be the best bidder for more than one bid at the same time, with consideration to the proposed team, scope and/or overlap of the work duration, the client reserves the right to restrict the number of projects awarded to the bidder.

If the potential best bidder for a bid is actively engaged with other work(s) of the client, with consideration to the proposed team, scope and/or overlap of the work duration, the client reserves the right to restrict the number of new projects awarded to the bidder.



Ministry of Housing and Infrastructure

Male', Republic of Maldives.

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކުރި ގޮތުގައި
މި ދަޢުވާ ދަށުން ސަރުކާރުގެ ބޭނުންކުރާ ގޮތެވެ.

Economic Prosperity – Social Harmony



Project Brief

Project Title S.Maradhoo Harbour Expansion Project
Duration 180 days (tentative)
Contractor Not Contracted Yet

EIA Scope:

The scope of this project includes:-

- Quay wall: 100m
- Breakwater: 75m
- Revetment: 28m
- Mooring rings: at 5m intervals
- Pavement: 200 sqm
- Harbour lights: at 20m intervals
- Maintenance Dredging

Justification for Proposed Projects:

To upgrade the existing harbour facility to better accommodate the harboring need of the community.

Machinery and Equipment:

- Dump truck
- Excavators
- Barge
- Dozer
- Concrete mixer

Materials

- Geotextile
- Sand
- Cement
- Mooring rings
- Re-bars
- Rock Boulders

Methodology

Dredging

In addition to the maintenance dredging of the existing harbour and channel, the harbour is proposed to be expanded by 100 to the west of the harbour. Dredging would be carried out using excavators deployed on barge. In deep area dredging the materials would be transferred to land via barges. The shallow areas would be dredged by constructing sand bund. The channel and the harbour basin will be dredged to a minimum depth of 3m below mean sea level.

Quay wall

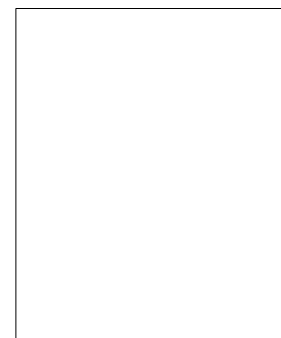
New quay wall shall be extended from the existing one to the length of expanded 100m. As the location is well protected with minimum wave action, a side quay wall is not included within this project.

Revetment

A short revetment of 28m shall be constructed adjoining to the new quay wall to protect the quaywall structure.

Breakwater

The existing breakwater shall be extended by 75m to protect this expansion.



CONTENTS:	
S. MARADHOO	
SOIL:	
PROJECT:	
CLIENT:	
MHI	
ARCH. DESIGN:	
STRUCT. DESIGN:	
DRAWN BY:	Ahmed Evan Waseem
DATE:	7 MAR 2017
FILE:	DWG NO.:



Schedule

	Duration	Date
Preliminary meeting held date		
Contract signed date		
Schedule submitted date		
EIA application		
Technical discussions based on literature and desk review		
Submit Survey Report		
Scoping meeting		
Undertaking field surveys		
Consultations		
Technical discussions based on survey and consultation findings		
Present the findings and recommendations		
Submission of first draft for MHI review		
Submission of final report to EPA		
Submission of dredging and reclamation application		
Submission of additional information if required		

* To be provided by the consultant within 3 days from ToR approval

Proposed Team Details

No	Discipline	Name	Registration no. for registered consultants	Qualification	Experience	Dedicated components of the report	Contact Details		Signature
							Phone Number	Mail Address	

* Please specify the focal point

Financial Proposal Template

Description	Number of people	Number of trips/ days	Qty	Rate (MVR)	Amount (MVR)
Consultant's Fee					
Laboratory Investigations					
Surveys					
Bathymetry					
Marine baseline of the project impact boundary					
Shoreline/ Vegetaion line/ Beach profile					
Stakeholder and community consultations					
Transport					
Other Logistics					
TOTAL					
GST (0.06%)					
Final Amount (TOTAL+GST)					