



Ministry of Housing and Infrastructure

Male', Republic of Maldives.

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Economic Prosperity – Social Harmony

Invitation for Bids

Ministry of Housing and Infrastructure

Republic of Maldives

Reference: (IUL) 138-PIS1/1/2017/78

Date: 13 June 2017 2017

R. Maakurath Harbour Construction 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 15 June 2017 Thursday 11:00AM, at Ministry of Housing and Infrastructure.
4. Bidding opening would commence on 22 June 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

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Economic Prosperity – Social Harmony

INFORMATION SHEET

EIA Works of R. Maakurath Harbour Quaywall Construction Project

1. Scope of Works

This work involves the technical consultancy and report preparation works of the Environmental Impact Assessment of r. Maakurathu Harbour Quaywall Construction Project.

The location of the site and concept design layout for the island is also attached as Annex to this report.



The construction works of the Breakwater construction project include:

- Construction of 85m L section quaywall
- Construction of a pavement with a total length of approximately 330m
- Maintenance dredging of the harbour basin

2. Scope of Work for Consultant



This work involves the technical consultancy and report preparation works of the Environmental Impact Assessment of R. Maakurathu Harbour Quaywall Construction Project.

1. Preliminary assessment
 - Assessment and evaluation of the project through literature and desk review.
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

- 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 and people involved.
 - Map Sheets: Printed at 1:1000 scale on A3 or larger sheets
 - Digital copy
 - All field 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
- 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.
- Dredging and Reclamation Permit

4. Duration

- a) The duration for this work shall be from the date of ToR approval to the date of Decision Statement approval for the EIA by EPA. The consultant shall adhere to the EIA overall timeline as attached in the Annex. The detailed schedule as per the template should be provided by the consultant within **3 days of contract signing**.
- 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 at **0.5% of bidder's price per day for a maximum of 10% of the bidder's price**.
- 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	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 4 (Personnel)
- b) Documents listed under Section 5 (Cost)
- c) Company registration certificate (for firms)
- d) List of related EIA works completed by the **company/lead consultant** in the last 3 years.
- e) Proposed equipment and methodology of works
- f) Company profile (for firms)

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%

Work Timeline

Tasks	Week					
	1	2	3	4	5	6
Contract Signing						
Preliminary meeting						
Submission of detailed schedule						
Submission of EIA application						
Technical discussions based on literature and desk review						
Scoping meeting						
Undertaking field surveys and consultations						
Submit Survey Report						
Technical discussions based on survey and consultation findings						
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						

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 (need to include each consultation separately)		
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 of contract signing

Proposed Team Details

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

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)					



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މި ދަޅުގައި ބަޔާންކުރި ގަވާއިދުގެ ދަށުން

Project Brief

Project Title	R. Maakurath Harbour quaywall construction Project
Duration	

EIA Scope:

The scope of this project includes:-

- Construction of 85m L section quaywall
- Construction of a pavement with a total length of approximately 330m
- Maintenance dredging of the harbour basin

Machinery and Equipment:

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

Materials

- Geotextile
- Sand
- Cement
- Mooring rings
- Re-bars
- Pavement blocks

Methodology

Quaywall

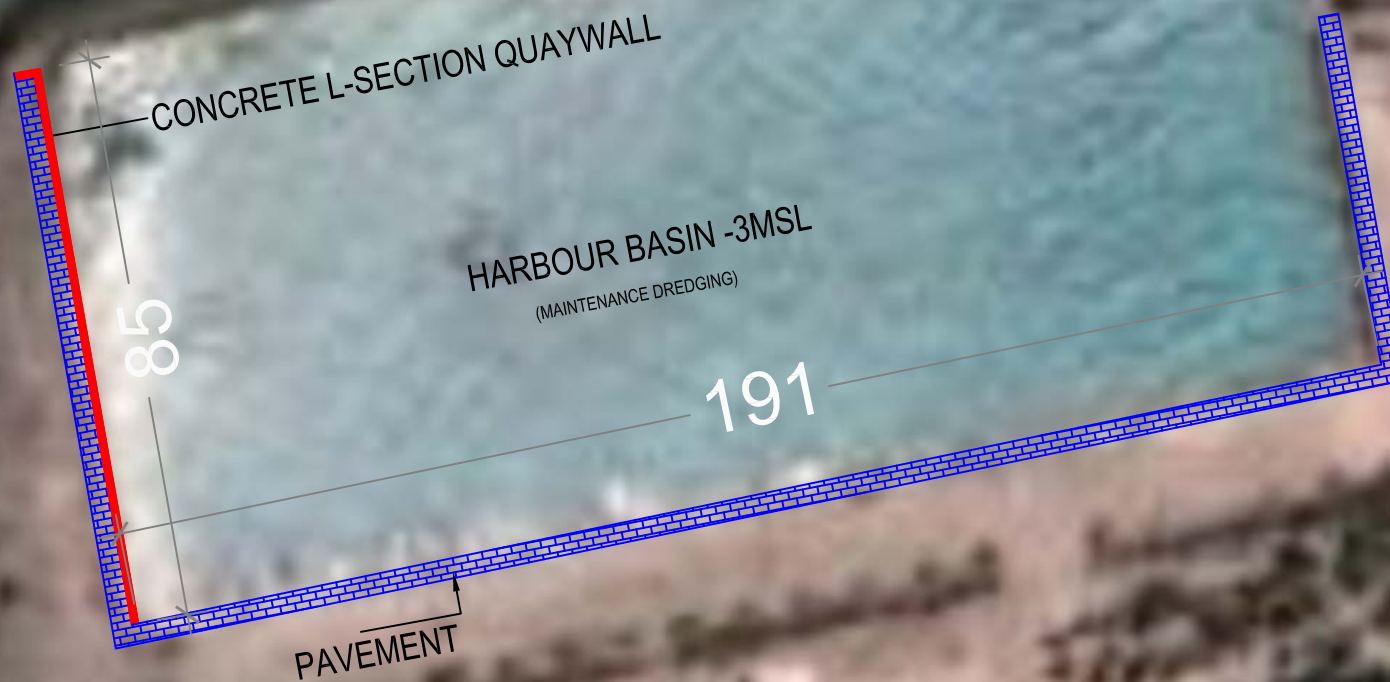
The quay wall is constructed in L shape adjacent to the southern side of the harbour channel. The construction work would be carried out in a manner to minimize the damage

Pavement

Both sides of the harbour and on landside a pavement would be constructed using concrete blocks.

Dredging

Dredging would be carried out using excavators deployed on barge and dredged material would be transported to land via barge. The existing harbour basin will be dredged to a minimum depth of 3m below mean sea level and slightly will be extended in the southern side



CONTENTS:
R. MAAKURATHU
SCALE:
PROJECT:
CLIENT:
MHI
ARCH. DESIGN:
STRUC. DESIGN:
DRAWN BY: Ahmed Evan Waseem
DATE: 6 MAR 2017
FILE:
DWG NO: