

Letter of Invitation for Bid

Date: 20th May 2021

Invitation of Tenders No: HDC (161)-PRO/IU/2021/202

- Housing Development Corporation Limited invites sealed tenders from eligible bidders for the completion of *Construction of Channel 2, Harbour 1 & 2, Beaches & Shore Protection of Convention Centre Area in Hulhumalé* and the remedying of any defects therein.
- Housing Development Corporation Limited has obtained financing from the Saudi Fund for development (SFD) for the financing of *Construction of Channel 2, Harbour 1 & 2, Beaches & Shore Protection of Convention Centre Area in Hulhumalé*.
- Housing Development Corporation Limited now invites sealed bids from eligible interested tenderers for the construction, completion and remedying of any defects of *Construction of Channel 2, Harbour 1 & 2, Beaches & Shore Protection of Convention Centre Area in Hulhumalé*.
- Only Saudi and Maldivian bidders, or a joint venture of Saudi or Maldivian bidders with other nationality is eligible to participate in this tender.
- Tenderers may obtain further information about this Invitation for Tenders from the office of Housing Development Corporation, Ground Floor, HDC Building, Hulhumale', Republic of Maldives. (tenders@hdc.com.mv)
- A complete set of the tender documents may be obtained by eligible interested Tenderers upon payment of non-refundable fee of **USD 1500.00 (United States Dollar One thousand five hundred or equivalent MVR)** no later than **12:00hrs of 23rd June 2021**. Bidders may contact us at tenders@hdc.com.mv to acquire the bid document. Bidders who have purchased the tender documents under announcement no HDC (161)-PRO/IU/2020/300 are not required to re-purchase the tender documents.
- Tenders must be submitted to the office mentioned below in clause 9, not later than **13:00 on 03rd August 2021** and must be accompanied by a tender security, in accordance with the Instructions to Tenderers, in the amount of **USD 1,100,000.00 (United States Dollar One Million One Hundred Thousand)**
- Tenders will be opened in a session to be held at the office mentioned below in clause 9, and in the presence of representatives of tenderers who wish to attend. This session will take place at time and date tabulated in clause 9 of this section or such other time and date as may be notified to the tenderers.
- Dates and timing for the tender process.

ACTIVITY	TIME & DATE	VENUE
Selling of tender Document	20th May 2021 to 23rd June 2021, 12:00hrs	Refer to Clause 6
Deadline to purchase tender document	23rd June 2021, 12:00hrs	Refer to Clause 6
Pre- Bid Meeting:	29th June 2021, 13:00	Pre-bid session will be conducted via Zoom Meeting: Link for the meeting will be shared to the bidders who have purchased the tender documents.
Deadline for written inquiry by potential bidders:	6th July 2021, 12:00hrs	Via Email to tenders@hdc.com.mv Clarification of the inquiries will be shared to the bidders who have purchased the tender documents.
Deadline for Technical proposal & Price Proposal submission	03rd August 2021, 13:00hrs	Housing Development Corporation, HDC Building, Ground Floor, Hulhumale' Republic of Maldives'
Technical Proposal Opening	03rd August 2021, 13:00hrs	Housing Development Corporation, HDC Building, Ground Floor, Hulhumale' Republic of Maldives'
Price Proposal Opening	Will be communicated to bidders who are qualified from the technical evaluation.	Housing Development Corporation, HDC Building, Ground Floor, Hulhumale' Republic of Maldives'

Yours Sincerely,


Suhail Ahmed

Managing Director

Housing Development Corporation Ltd. (Employer)

Relevant Background Information

Given below is the relevant background information.

1. **Project Scope:**

The scope of Works under this Contract is divided into five parts as follows:

1. Harbour 1
2. Harbour 2
3. Channel between Economical Zone and Residential Area, (Channel 2)
4. Beach Formation
5. Shore Protection for Convention Centre Area

Please see attachment for more details.

2. **Design and Specifications:**

The design has been done by the employer. Design and engineering where required by the Contractor, shall be specified in the Contract and shall be subject to the Employer's approval.

3. **Type of Contract and Agreement:**

The agreement will be based on the Conditions of Contract for Construction," First Edition 1999, with further amendments, prepared by the Fédération Internationale des Ingénieurs -Conseils (FIDIC).

The Contract will be a Lump Sum contract. However, the works will be measured, and valued for payment. This method of payment will be used as a progress monitoring tool.

4. **Method of Implementation:**

The contractor will be expected to bring in all materials, machinery, equipment and necessary labour. The contractor will be expected to provide food and lodging for all management staff and labour at site. The contractor will have to conform to the Laws of the Republic of Maldives in all respects in executing the works.

The Employer shall not provide any materials for the works. The Employer shall not supply water for the works during construction and shall not provide electric power supply for the Site office, construction Works and storage facility. The Contractor shall arrange water and electricity for the project and all related works and the Contractor shall provide power generators as necessary.

5. **Time for Completion:**

The duration for completion of the works has to be proposed by the bidder (Maximum 630 calendar days)

6. **Customs Duties and Taxes :**

The Employer will provide reasonable assistance and facilitate (by providing any required documents) in obtaining exemptions for Customs duties for imports of materials, machinery and equipment related to the contract of this Project. However, Taxes applicable under local regulations will be applicable throughout the Project. If exemption is not then granted, for the above mentioned duties then the contractor shall pay such duties and it will be reimbursed by the Employer.

7. **Funding:**

The Employer has obtained financing from the Saudi Fund for development (SFD) for the funding of project.



8. Advance payment:

If the contract is awarded;

The contractor will be entitled to an advance payment of 15% of the agreed contract sum, upon submission of an acceptable Bank Guarantee. The advance shall be deducted at a rate of 15% of each and every certified interim payment.

9. Performance Security:

The contractor will have to submit a Performance Security equal to 10% (Ten percent) of the contract sum. This Security should be valid throughout the contract and defects liability period.

10. Retention Monies:

If the contract is awarded;

Retention will be deducted at 10% (Ten percent) of each and every interim payment, up to a maximum of 5% (five percent) of the contract sum. Retention will be released on completion of the defects liability period, subject to making good all defects.

11. Defects liability period:

The defects liability period will be one year after practical completion and handover of the works.

12. Liquidated damages:

Liquidated penalty damages will be levied at the rate of 0.25% (naught point one) for each and every day's delay in completion by the contractor, up to a maximum of 10% of the final contract price, less time of extensions granted.

13. Language of Contract:

The language of the contract shall be English and the contractor will be expected to have site staff competent in English or provide translators where necessary.

14. Submission of bids:

All applicants who have obtained bid documents will be expected to submit their bids within the dates as specified in Section 1 (Invitation to Tender).

15. Validity of bids:

Validity period of the Bid will be 90 days from the date of submission.

16. Bid Security:

Bid security of this project is USD 1,100,000.00

17. Material transport to the island:

For the transport of the Materials to the Hulhumalé' island, contractors has to follow the local rules and regulations and has to bear all the cost involved.

18. Contractors Yard (Temporary Land):

Contractors yard to be allocated within the site.

19. Engineer's Estimate:

The Engineer's Estimate for this project is USD 36,477,000.00 (inclusive of GST 6%)



ATTACHMENT

The scope of Works under this Contract is divided five parts as follows:

1. Harbour 1
2. Harbour 2
3. Channel between Economical Zone and Residential Area,(Channel 2)
4. Beach Formation
5. Shore Protection for Convention Centre Area

The location of each sub-project is indicated on the layout plan given in Figure 1.

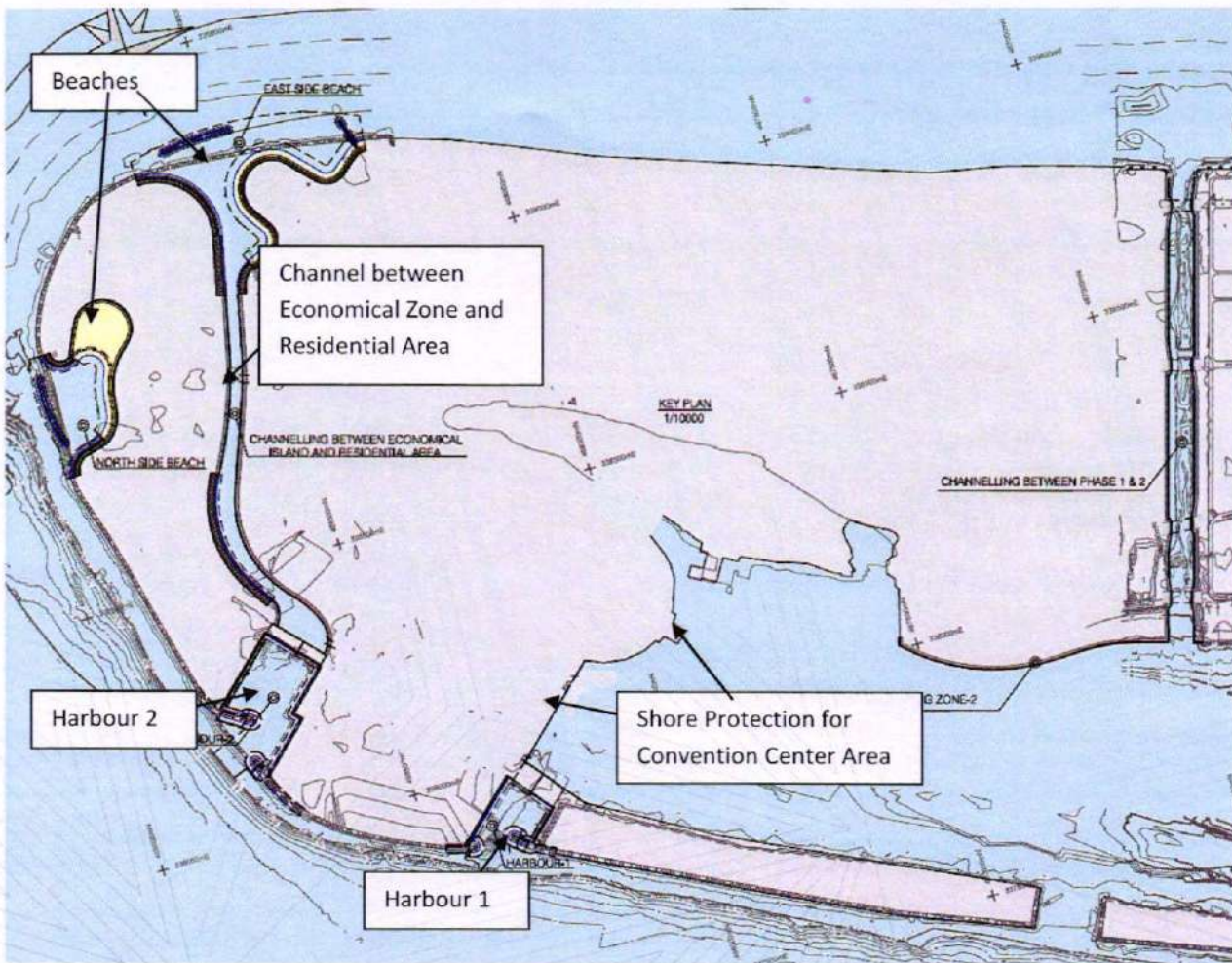


Figure 1. Project Location



Additional Information

1. Harbour 1

Harbour 1 is a small shelter at western side of the reclamation for berthing of coast guard and marine custom police vessels. The harbour has a rectangular shape with total perimeter of 575 meters.

The southern quay wall is in 140 meters in total length and will be constructed by precast concrete blocks. The net water depth in the harbour is MSL-4.35m. The top level of the quay wall will be at MSL+1.40m.

Other edges of the harbour basin will be formed by rock revetment to prevent wave disturbance. At eastern edge there will be a causeway to connect the basin with the inner lagoon waters. A navigation channel with the same depth will be dredged towards west to create an access route.

The harbour will be protected against wave action by means of two short breakwaters built as an extension to the existing rock revetment. Breakwaters are rubble mound type with 1-3-ton rock armour layer for trunk section and 2-4-ton rock armour layer for head section.

A list of civil works for construction of the Harbour 1 is:

- Removal of existing rock revetment with total length of 200 m
- Excavation/dredging of navigation channel and the harbour basin to MSL-4.35m
- Construction of breakwaters
 - Core layer of 1-300 kg
 - Filter layer of 100-400 kg
 - Armour layer of 1-3 ton for trunk section
 - Armour layer of 2-4 ton for head section
- Construction of revetments
 - Core layer of 1-300 kg
 - Armour layer of 100-400 kg
- Foundation excavation/dredging to MSL-6.35m
- Construction of quay wall foundation
 - Rubble foundation of 45-125 mm
 - Bedding of 20 mm crushed rock
- Production and placement of concrete blocks with total number of 467
- Supply and placement of geotextile
- Construction of scour protection in front of the quay walls
 - PC blocks in front of the bottom block
 - 60-300 kg rock
- Surcharging
- Construction of in-situ capping concrete
- Construction of utility channels
- Backfilling behind channel wall
 - Rock fill of 1-300 kg
- Construction of compacted fill behind the walls

- Supply and installation of mooring accessories
- Supply and installation navigation lights
- Construction of causeway

Exclusions: Landscaping,

2. Harbour 2

Harbour 2 is a small marina at western side of the reclamation and to the north of Harbour 1. It is designed exclusively for the visitors of Economic Island and only small motor boats will be using the facility. The harbour has a rectangular shape with total perimeter of approx. 755 meters.

The northern quay wall is in 168 meters in total length and will be constructed by precast concrete blocks. The net water depth in the harbour is MSL-4.35m. The top level of the quay wall will be at MSL+1.40m.

Other edges of the harbour basin will be formed by rock revetment to prevent wave disturbance. At eastern edge there will be a causeway to connect the basin with the channel between economic island and residential zone.

A navigation channel with the same depth will be dredged towards west to create an access route.

The harbour will be protected against wave action by means of two short breakwaters built as an extension to the existing rock revetment. Breakwaters are rubble mound type with 1-3-ton rock armour layer for trunk section and 2-4-ton rock armour layer for head section.

A list of main civil works for construction of the Harbour 2 is:

- Removal of existing rock revetment with total length of 235 m
- Excavation/dredging of navigation channel and the harbour basin to MSL-4.35m
- Construction of breakwaters
 - Core layer of 1-300 kg
 - Filter layer of 100-400 kg
 - Armour layer of 1-3 ton for trunk section
 - Armour layer of 2-4 ton for head section
- Construction of revetments
 - Core layer of 1-300 kg
 - Armour layer of 100-400 kg
- Foundation excavation/dredging to MSL-6.35m
- Construction of quay wall foundation
 - Rubble foundation of 45-125 mm
 - Bedding of 20 mm crushed rock
- Production and placement of concrete blocks with total number of 562
- Supply and placement of geotextile



- Construction of scour protection in front of the quay walls
 - PC blocks in front of the bottom block
 - 60-300 kg rock
- Surcharging
- Construction of in-situ capping concrete
- Construction of utility channels
- Backfilling behind the quay wall
 - Rock fill of 1-300 kg
- Construction of compacted fill behind the walls
- Supply and installation of mooring accessories
- Supply and installation navigation lights
- Construction of causeway and pavements

Exclusions: Landscaping,

3. Channel between Economical Zone and Residential Area,(Channel 2)

The channel will be providing recreational areas along its banks and it has a major function of separating these two zones.

The channel banks are designed with multiple structures. In some areas it will have vertical wall and in others vegetated slopes will be formed to provide to give a natural look. Total length of the channel is approximately 950 meters and average width is around 25 meters. Net water depth of MSL-1.85m is provided in the channel.

The channel will be connected to the Harbour 2 via a causeway at western side. At eastern side it opens to the beach area designed for the upscale residential area planned at this side.

The civil works for building the channel are:

- Excavation/dredging of channel to MSL-1.85m
- Foundation excavation/dredging to MSL-3.15m
- Construction of quay walls (Reinforced precast concrete L shape) foundation
 - Rubble foundation of 45-125 mm
 - Bedding of 20 mm crushed rock
- Production and installation of Precast Concrete L shape wall units with a total length of about 1.120m
- Supply and placement of geotextile
- Construction of scour protection in front of the walls
 - 30-150 kg rock
- Surcharging
- Construction of in-situ capping concrete
- Construction of compacted fill behind the walls
- Supply and installation of geotextile container
- Supply and installation of geoweb elements



5. Shore Protection for Convention Centre Area

Shore protection for Convention Centre Area is the waterfront structure at North side of Main Marina. The project consists of concrete blockwork wall and beach formation at the east side of the area.

The total length of the structure is approx. 556 meters. Since the water depth along the structure varies considerably, quay walls with three different front depths will be constructed in this area.

Shore Protection for Convention Centre area is the waterfront structure at North side of Main Marina. The area is not reclaimed at present and construction shall be mostly executed from water, the water depths reach up to 6-7 meters.

The plan of the structure is in the form of straight and circular walls attached to each other.

Since the water depth along the structure varies considerably, quay walls with two different front depths will be constructed in this area.

The top level of the wall is at MSL+2.00m.

The scope includes;

- Excavation/dredging in front of the wall
 - to MSL-3.35m for Type 1
 - to MSL-5.35m for Type 2
 - to MSL-2.05m for Type 3
 - to MSL -1.10m for Type 4
- Construction of quay wall foundation
 - Rubble foundation of 45-125 mm
 - Bedding of 20 mm crushed rock
- Production and placement of concrete blocks with total number of 1,873
- Supply and placement of geotextile
- Construction of scour protection in front of the walls
 - PC blocks in front of the bottom block
 - 30-150 kg rock
- Surcharging
- Construction of in-situ capping concrete
- Backfilling behind the quay wall
 - Rock fill of 1-300 kg
- Construction of compacted fill behind the quay wall
- Dismantling of temporary jetties
 - Temporary Jetty 1
 - Temporary Jetty 2
 - Existing Dive Centre and Jetty

Exclusions: Landscaping



H O U S I N G
D E V E L O P M E N T
C O R P O R A T I O N L T D

