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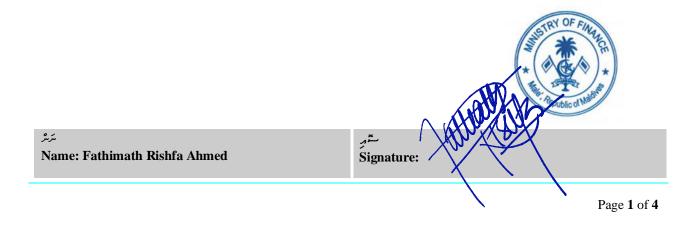
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CLARIFICATION 1

مومرون موشر 1

ىتۇنىۋىخ بر No:	TES/2020/W-0)35	
ومخترع Project:	Survey, Design & Construction of Ha.Muraidhoo Harbour		
تربير بخر Issued Date	23 rd March 2020		
مبتور مرکز مرکز مرکز مرکز مرکز No. of Pages: -04	אייער Boq: -00	ترکز شر Drawings: -00	

> Please find attached Answers to the Clarifications Received.



Contractor Comments	Ministry of National Planning & Infrastructure Response/Reference Document
 Design work - ITT 11.1(b) - In reference to ITT 11.1(b) (regarding schedules to be submitted along with the tender): a. Employer to confirm if preliminary design of revetment structures, groyne and pavement are excluded from the Tender submission. b. Employer to clarify what is intended by "Final layout drawing of the proposed harbor". 	Design works will be done only by the awarding contractor. Bidder to quote by following the preliminary concept, employees requirement and the experience from harbour construction in Maldives
 2. Design work - Employer to clarify which design elements must be delivered within the 14 days of signing the contract. Apart from the quay wall, which is clearly mentioned, it is not clear if the remaining project elements are to be delivered within the same submission period or can be submitted at a later stage. 	All the components are to be design and delivered within 14 days for client to approval. Full complete set should be delivered.
 Beach nourishment - Employer to advise if intends to undertake a beach nourishment operation at the beach located between the new platform and the new Groyne structure; 	Yes
 Accessibility on structures - Employer to clarify which other structures besides the breakwater shall be accessible to vehicles; 	For groynes No
5. Detached breakwater design criteria - Employer to advise if the three detached breakwaters South to the harbor are indented to be emerged or submerged;	it should be emerged
ŭ	Fishing vessels, ferry's, local cargo vessels and small vessels
 7. Design work - Employer to advise if the harbor structures are to be designed for very extreme events related to cyclones and tsunamis. 	It should withstand extreme weather, like swell wave surge. We advise the bidder to understand the climate of Maldives and also understand the proposed location
8. Survey and coastal studies - Employer to advise if there have been topographic & bathymetric surveys and coastal studies undertaken for the project that can be provided in order to support the preliminary design activities.	Bathymetric surveys are been undertaken. Once done will be sharing the data.
 9. Layout drawings of the proposed harbour, we have to submit through bid documents? 	Preliminary concept given should be submitted. The winning bidder will be doing the shop drawings



No
It's the winning bidder's scope. The size is given for bidding purpose
No
Yes
Quantity will be specified in layout and BOQ. Location will be finalized during the construction stage
EIA is done by ministry. Contractors scope is to establish a PSM point
Its MS and the winning bidder has to provide the specification for approval.
It will be available. The winning contractor to arrange with the help of council to provide electricity to site.
Yes
Yes
encourage the contractor to move their heavy vehicles in to the island
For landing craft access
that the existing depth will be around -2.5m MSL. Ministry is conducting EIA for these projects. Bathymetry will be available once all surveys are done. This will be shared with all the bidders.
To remove from island
No Site leasting and size has to be desided and
Site location and size has to be decided and informed to the client ministry so that we can get approval from council. Once approved that site can be used for storage and accommodation. If required more space winning bidders responsibility to find more with help of council. if there is no space to make site its contractors



	responsibility to arrange accommodation and storage
27.Water supply for construction work source?	Winning contractors responsibility to arrange with the help of council
28. Method of anchoring of bollards/mooring hooks?	Winning contractor to propose to ministry for approval
29. Existing functions of the harbour?	To access island and for berthing
30. The crust level with reference to MSL?	Refer to employer's requirement for minimum requirement. But the level has to be set according to the characteristics of the island. Some island the height has to be increase and for some it has to be lowered then the level mentioned in the employer's requirement
31.Is there any bathymetry or any built available of the existing harbours on these?	Bathymetry will be provided once EIA survey is done by ministry. No as built of this harbor is available.
32 .Please clarify the present status of existing Quaway wall and breakwater situation or should make total new on?	If a new quay wall/breakwater has to be made it will be specified in the given concept.
33.If any jetties are there should demolish and build a new one are should make renovation then tell me the length?	If required will be in the concept provided.
34. Please extend the bid submission date	Please refer to addendum 2

