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No:	TES/2019/W-048	
Project:	Design & Build of Harbour Upgrade in S.MaradhooFeydhoo	
Issued Date	May 12, 2019	
No. of Pages: -03	Boq: -01	Drawings: -01

Please include this amendment when submitting the bid.

- Find the Answers to the Queries raised
- Find the attached Layout Drawing
- Find the attached BOQ

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Name: Aminath Naheen Ahmed

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Signature:



Queries	Response
Can you provide a layout drawing of the existing harbors in these 4 islands, indicating the length and the width of the harbor and entrance channels. Lengths of the breakwater, quay wall, revetments etc .	Contractor to do in-survey as this is a design and build contract
Technical Specification is not included in the document. Or do you expect the contractor to come up with their own specification?	Minimum technical Specification given. Based on the design the contractor shall submit technical specification for evaluation and approval. All designs shall be to the relevant and latest British Standard or an equivalent standards.
Is there any bathymetry or any as-built available of the existing harbors on these 4 islands?	Contractor to do as this a design and build contract
For the Bid Security, will you be accepting the security bonds issued by Insurance Companies or it has to be from Bank?	Refer to the ITB Clause 19.3
The crust level with reference to MSL	Contractor to design Complete wave overtopping should not occur at any times, unless in extreme exceptional weather conditions.
Existing functions of the harbor	Minimum requirement stated
Method of anchoring of bollards / mooring hooks	Contractor to provide. Mooring hooks at interval not less than 5m. 30mm diameter SS mooring hooks are recommended.
Length of cable laying / size / involved from the existing source to the Sodium vapors lamps	Electricity connections to be done to the nearest distribution board. Contractor has to determine the distance with the help of council.
Water supply for construction work source	Temporary RO plant needs to be installed.



<p>Which one of the following facility to be provided Fish landing facility – frequency size of boats (or) Loading / unloading of cargo on quay wall. If so expected flow of cargo, space required for storage. (or) Mooring is allowed only for registered vessels. If so details & such vessels capacity etc.</p> <p>Boat beaching for repair yard requirement, Infrastructure involved.</p> <p>Dredging channel width and type of strata to be dredged whether sand pumping or wheel cutter to be made. If so availability locally?</p> <p>The littoral drift study data and coastal line variation data required. The main water connection directions data is needed to orient the groyne have minimum slitting up.</p>	<p>To determine at the stage of detailed design by awarded contractor</p> <p>If only identified in preliminary layout</p> <p>Method of construction to be proposed by contractor</p> <p>To be collected during EIA and detailed design stage. Contractor to consult with local experts in this field before costing or making assumptions.</p>
<p>Drawings are not available in tender document, please check and confirm</p>	<p>Please find the attached drawing</p>
<p>Please clarify the relevance and responsibilities of an Architect with 7 years' experience for these projects?</p>	<p>Not required Revise requirement attached</p>
<p>Please clarify the relevance and responsibilities of a Services Engineer with 7 years' experience for these projects?</p>	<p>Not required Revise requirement attached</p>
<p>Isn't there are requirement for a Coastal Engineer for these projects? Or is it same as a Civil/ Structural Engineer with a civil engineering background? Please clarify</p>	<p>Civil or Environmental Engineer will be required</p>
<p>Please provide details of the minimum acceptable qualifications required for all 6 Key Personnel list in 2.4, Section III.</p>	<p>Revised requirement attached</p>



Is there a certain acceptable format for the BOQ, if so please provide details.	Please find the attached BOQ
As the project is design and upgrading there no details on the things which are to be upgraded and also we are not sure whether the whole harbour quay wall which is existing to be removed and constructed newly or only partly it need to be done on the damaged ones.	Whichever identified in the layout is considered to be newly constructed.
Breakwater which is existing should be used or we need to do a new breakwater by removing the existing ones	If highlighted in the layout breakwater needs to be fully constructed. The use of the existing breakwater material has to be determined during the detail design stage and after survey
Final Layout Drawing – As in this stage we can't give the final layout as there are many final designs are to be made with the survey, which will be done only once the contract is awarded	Final design to be submitted once awarded.
Preliminary Design Calculation for Quay Wall Section – As the design calculation are made only as assumptions it will not be a final without any Basic Details given by Client	Final design to be submitted once awarded
Preliminary Design Calculation for Breakwater – As the basic details are required to work on the new design	Final design to be submitted once awarded

