**REVISED ANSWERS TO PREBID QUERIES RAISED BY CONTRACTORS FOR THE 3 ISLAND RECLAMATION PROJECT**

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| # | Query | Answer by MHI / MoFT |
| 1 | Please provide us the following boundary conditions/design parameters for revetment design  -Expected Structure lifetime  - Return period of design event(s), e.g. 1/100 y conditions  - Associated design wave conditions:  -- Significant wave height  -- Peak wave period  -- Mean wave period  - Associated design water levels including  -- Tidal levels  -- Sea level rise  -- Storm surge, wind setup, pressure surges etc  - Design criteria  -- Allowable damage to revetment  -- Allowable damage to toe structure  -- Allowable overtopping limits  - Setting out points:  -- Coordinates of crest line (or toe line) reference line  -- Detailed bathymetry    - Please provide us the start / end coordinates of revetment for  each Island | All the information that can be provided among these are given under the ‘Rock boulder Revetment’ Technical Specifications.  Expected structure life is over 100 years  All site specific environmental conditions will have to be surveyed by the interested bidders. |
| 2 | Please provide us the available Bathymetric and Topographic survey data of all Reclamation areas and also inform whether there are establish Bench Marks in all the Project Islands | Bathymetric and Topographic survey data is not available. |
| 3 | Sec.9 /9.2 (Design Criteria ) para. 2 says “ The reclamation should be carried out as per layout drawings given in Sec. 6 -- but no layout drawing under Sec. 6 -In the same para it also says “The height of reclamation should be +1.6m MSL but no +/- tolerances given– Please provide us those missing information | Tolerance is +/- 0.05m |
| 4 | Sec 9/9.1 /4 says “Proper drainage between the existing island and the new reclaimed island should be addressed – but no topo. Survey data of existing Island available for us to design a proper solution – or would it be sufficient construct a Rain water Canal in between the new and old areas -- Please clarify and if necessary provide relevant data | Topography data is not there. You may propose rainwater canal. Drainage design will be undertaken at a later stage as part of road development for the reclamation areas. |
| 5 | Sec 9/9.1/3 expects the contractor to study the existing Sewerage network in the Island and if the existing outlets are currently emptying to new reclaimed land – to provide a solution for diverting out flow and include the cost of the solution as a Provisional sum  – We request the Employer to be more specific about the type of solution (gravity floor/collecting and pumping/absorption pits etc etc.) that they expect the selected Contractor to provide – and request the Employer to provide more specific data on the sewerage out flows at Island | Gravity system is used in the majority of islands in the Maldives, with lift station for pumping sewage out through outfall pipe |
| 6 | Under Section 6 – Following are missing     * Technical Specification Form * Layout Drawings * BOQ Form | Technical Specifications are included in Section 8. Layout drawings are included in Section 9. BoQ form has to be submitted by the bidder. |
| 7 | As per clause 2 of “Invitation For Bids – Reference (IUL) 13-K1/13/2015/128 Bidders shall be a listed member of National Contractors Registry  -- Could you please clarify  whether an international contractor is needed to be a listed member of the National Contractor Registry – and if so do we need to register before the submission of Bids | Local contractors must be a listed member of the National Contractors Registry and must satisfy the stated grade for eligibility. International contractors are eligible for bidding subject to registration with Ministry of Housing and Infrastructure if the bid is awarded. It is required to register in Ministry of Housing and Infrastructure. |
| 8 | And also as per clause 4 of the same document – Do the International Contractor needs to obtain Tax Clearance Report from MIRA. | If Contractor is registered in MIRA ([Maldives Inland Revenue Authority](https://www.mira.gov.mv/)) you will have to submit the Tax Arrears. |
| 9 | Please provide us bathymetry drawing if available and indicate borrow area? | Detailed bathymetry have not been done for project site. Borrow regions are given in the bid documents. Alif Alif Atoll for K. Himmafushi, Gaafu Dhaalu Atoll for GDh. Thinadhoo, and Seenu Atoll for S. Feydhoo. A sand search campaign needs to be undertaken for each region. |
| 10 | Please provide the locations of sand borrow area. | Borrow regions are given in the bid documents. Alif Alif Atoll for K. Himmafushi, Gaafu Dhaalu Atoll for GDh. Thinadhoo, and Seenu Atoll for S. Feydhoo. A sand search campaign needs to be undertaken for each region. |
| 11 | Land will be provided for the accommodation of staffs, storage space for equipment’s and material? | Land for site setup will be provided. Staff can be accommodated at the site in temporary accommodation built by the contractor. However, the contractor will have the option of negotiating with the respective island council for hiring existing accommodation in the islands. |
| 12 | If EIA will be provided or not? | EIA will be provided to the winning bidder. |
| 13 | Please provide additional 2 to 3 weeks’ time extension for the project from 29th June2015. | Bid opening date is to be 6th July 2015 |
| 14 | The Reclamation scope of G Dh Thinadhoo is not clear – Request you to provide the limits of the areas to be reclaimed. | New reclamation area is given in the ammendment |
| 15 | Request you to provide the length of  locations to be protected by Revetment constructions – on each Island  - | This is given under Section 9 - Employer’s requirements. As stated in the section, following are the revetment lengths:   * K. Himmafushi – 890m * GDh. Thinadhoo – 1852m * S. Feydhoo – 1680m |
| 16 | Repayment component would be USD? As loan will be from other countries. | For local parties the repayment shall be made in Maldivian Rufiyya (MVR) and for foreign parties it shall it shall be made in United States Dollars (USD) |
| 17 | Will there be a grace period for the project? | One year grace period from commencement of works |
| 18 | Is there a Interest rate(limit) for the Loan? | 4% as stated in the bidding documents |
| 19 | Do contractors have to get Mira tax arrears for this project as it is an international project? | If Contractor is registered in MIRA ([Maldives Inland Revenue Authority](https://www.mira.gov.mv/)) you will have to submit the Tax Arrears. |
| 20 | Structure of the proposed financing i.e. who will be obligor to bank, will it be NMDC UAE or Client? | Obligor to the Bank will be the bidding party. |
| 21 | What would be the maximum repayment period? | The maximum period is not stated to allow Contractors to propose the best financial proposal which will give better value for money. |
| 22 | For contractos to raise fund outside Maldives and to remit Maldives, what are the rules and regulations prevail in this context (eg. relating to ECB etc.)? | Please refer to the rules and regulation of the National central bank, Maldives Monetary Authority (MMA). |
| 23 | Proposed equity contribution from Client | There will be no equity contribution from the Client. Entire project is to be funded by the Contractor. |
| 24 | Existing banking arrangements, with quantum of approved facilities. | Not Available |
| 25 | Possible security which can be made available to bank. E.g Sovereign Guarantee | A Sovereign Guarantee will be provided to the winning bidder for them to enter into financial agreements with the respective financing institution. |
| 26 | Audited financials for the last 3 years and latest in-house financials. | Not Applicable as this is a government entity. |
| 27 | Are there any indications as to the location and size of the proposed disposal areas so that we can estimate the cost of transfer? | Proposed disposal area or reclaimed area is given in Section 9 – Employers Requirement |
| 28 | Are there any details regarding the availability of stock piling areas? | Stock piling areas are generally available near habours of the respective islands. |
| 29 | “[Fill and backfill] shall contain no organic matter or other deleterious matter” – are there tolerances for this? As Silts will be controlled as per clause 804 (highway works), will a testing regime be required for organic matter or will this be left to the discretion of the contractor. The cost of testing will incur additional costs and would negatively affect our bid price competitiveness if not required. | It will be left to the discretion of the contractor |
| 30 | Are there indications of suitable levels of compaction required per 3m fill (for reclamation) or is this at the discretion of the contractor? | It will be left to the discretion of the contractor |
| 31 | Would silts and soils with high organic content be deemed a “suitable material” for replacing areas that are over dredged? | It will be regarded as suitable material |
| 32 | The maximum permissible over dredging is 0.3m. The specified dredging tolerance is +0 to 200mm, the Maximum depth is 2m, which leads to a maximum permissible dredging depth of 2.5m. Is this correct? | Correct. Maximum permissible dredging depth is 2.5m. |
| 33 | Are there any stipulations for the in and out surveys apart from the time periods after which they must have been handed over? | The in and out surveys should be carried out as per the insurvey and outsurvey guidelines for harbor construction by the Maldives Land and Survey Authority (MLSA). The guideline is provided with this amendment. |
| 34 | “The revetment construction works should be carried out on 80% of the total length of reclaimed shoreline in each island” is this a minimum, maximum or absolute amount? will bids that propose a smaller percentage (if technically suitable for the project)  be disqualified? | It is an absolute amount. The total length of revetment for each island is given in Section 9 – Employers Requirement, and all bidders should use these quantities. |
| 35 | Under Particular Applications General condition reference is made to FIDIC dredging & Reclamation 2006 and 1999 (Red Book), all the clause used in particular Applications are from FIDIC 1999. Can the Employer please clarify the general condition is based on the FIDIC 2006 or FIDIC 1999 and accordingly issue the amendments. | Please follow FIDIC 1999 |
| 36 | In the S. Feydhoo reclamation area a lsland is also included, Can the Employer clarify that the Contractor doesn't have to cut any vegetation on this lsland nor do any filling on the island. | Contractor don’t have to cut any vegetation on the island. |