



وزارت مواصلات و سہولتیں اور آب و ہوا

## RO 5000 Annex Concrete Tank Repair

### **Qualification of Bidders:**

The bid document shall comprise the following information in the given format and order, which MWSC shall use to determine whether the Bidder possesses relevant experience, technical capacity to undertake the project works and to complete successfully in accordance to the bid. Any bid did not accompanied by the following in the given **format and order** shall be rejected by the Employer as non-responsive.

- Bid form. Must be filled stamped and signed. Amount stated in the bid document should be exclusive of GST and should tally with the amount stated in the BOQ.
- Bid Security (10,000/-)
- MIRA tax clearance (within 06 months). Must be clear.
- MNPHI Contractors Registration Certificate
  - To be eligible the bidder shall have a valid minimum registered qualification of GC01 or GC02 grade 07 at National Contractors Registration of Ministry of National Planning and Infrastructure. Bidder shall submit National Contractor registration certificate with a minimum qualification of GCO1/GC02 grade 07.
- Business Registration Certificate at Economic Ministry
- GST Registration
- Priced BOQ. Must be filled and complete. BOQ should not be altered. Bidder's rates should not be more than two decimals.
- Work schedule. Should tally with the duration stated in Bid form
- Site Organization chart
- Resource allocation proposed for the project in the given format "Resource allocation plan" under Section II - Sample Tendering Forms
- Experience – Part 1 list of Similar Projects completed over last five years in the given format "Form of Experience" under Section-II Tendering forms.
- Experience – Part 2 list of Ongoing MWSC Projects in the given format "Form of Experience" under Section-II Tendering forms. (Applicable for bidders with ongoing contract commitments with MWSC)

## Scope of Works

### **1. Location of Work:**

The site for the works proposed under this contract is at RO 5000 Annex in the Island of Male', Maldives.

### **2. Description of the Works**

The scope of works for the project includes repair and waterproofing of concrete water storage tank located at the RO 5000 Annex building.

#### **Removal of existing water proofing coats**

- The contractor is required to wire brush and remove existing paint in the internal walls of the tank to expose the concrete wall surface
- Cracks and wall surface should be prepared for rehabilitation as per the proposed compounds and manufacturer recommendations

#### **Installation of overflow**

- Overflow pipe should be provided at the specified elevation as per drawings and technical specifications.

#### **Structural Repairs of concrete walls**

- Repairs to be carried out via concrete wall injection
- Two samples of the repair materials /compound proposed to be used shall be submitted along with test result confirming its quality and performance.
- Compound should be rated to be able to withstand 0.5 bars of hydrostatic pressure
- Should be applicable for potable water storage structures
- Should provide equivalent compressive strength as per Indian Standards xx

#### **Water Proofing of internal joints**

- Water proofing of construction joints and wall/base joints for the tank structure using waterproofing materials / compounds
- Two samples of the water proofing materials /compound proposed to be used shall be submitted along with test result confirming its quality and performance.
- Compound should be rated to be able to withstand 0.5 bars of hydrostatic pressure
- Should be applicable for potable water storage structures

#### **Water Proofing coat for internal walls**

- Water proofing of concrete walls for the tank structure using waterproofing materials / compounds
- Two samples of paint / compound proposed to be used shall be submitted along with test result confirming its quality and performance.
- Compound should be rated to be able to withstand 0.5 bars of hydrostatic pressure
- Should be applicable for potable water storage structures

#### **Plastering and painting of external walls**

- External wall cracks on the surface of concrete tank should be cleaned and plastered with approved compound.
- External wall paint needs to be applied for the exterior surface after plastering.

#### **Testing and Reporting**

- A repair methodology with proposed materials/compounds should be submitted with the price proposal.
- The contractor is required to assist in the testing and commissioning to ensure water tightness of the structure. Any leaks observed should be rectified.
- Duration for testing should be included in the work programme.

**NOTE:**

1. Contractor is required to visit the site and ensure that proposed methodology is applicable to the structure and its condition.
2. All works should be carried out in accordance with OH&S standards for working in enclosed spaces.
3. Contractor is required to ensure proper ventilation and safe access to all personnel accessing the construction work space.
4. The contractor is responsible for any damages to the existing building property during construction. The contractor shall indemnify the respective party against all losses or claims.
5. Water and electricity are to be arranged by the contractor.
6. All measurements to be checked at site prior to work.

**Summary of evaluation criteria with weights:**

Part - A

#	Criteria	Weighting %
1	Price	70%
2	Duration	30%

Part - B

#	Criteria	Capability
3	Resource	Pass/Fail
4	Experience	Pass/Fail