**Section 4**

**Technical ProposaL**

**PART C – TECHNICAL INFORMATION**

# 4.2Technical Proposal

## 4.2.1 Site Organization

Required in Narrative Format

## 4.2.2 Method Statement

The Bidder shall provide method statements that clearly outline the sequences the methods of works intended to be used for the water supply project.

The method statement should comprise of the following contents.

**Contents**

* 1. Purpose
  2. Scope
  3. References
  4. Responsibilities
     1. Project Manager
     2. Site Engineer
     3. Electrical Engineer
     4. Mechanical Engineer
     5. Site Supervisor
     6. Quantity Surveyor
     7. Land Surveyor
  5. H&SRequirements
     1. Personal Protective Equipment’s
     2. Safe Work practices
  6. Methodology
     1. Site Preparation
     2. General Aspect
     3. Methodologies of all other related works in the contract.
  7. Inspection and Testing
  8. Documentation
  9. Attachments

## **4.2.3 Mobilization Schedule**

In Microsoft Project Format

## 4.2.4 DESIGN AND Construction Schedule

In Microsoft Project format

## 4.2.5 Personnel

Bidders should provide the names of suitably qualified personnel to meet the requirements specified in Section 3 (Evaluation and Qualification Criteria). The data on their experience should be supplied using the Form below for each candidate.

Form PER – 1: Proposed Personnel

|  |  |
| --- | --- |
| 1. | **Title of position\*** |
|  | **Name** |
| **2.** | **Title of position\*** |
|  | **Name** |
| **3.** | **Title of position\*** |
|  | **Name** |
| **4.** | **Title of position\*** |
|  | **Name** |

\*As listed in Section 3 (Evaluation and Qualification Criteria).

Form PER – 2: Resume of Proposed Personnel

|  |  |  |
| --- | --- | --- |
| **Position** | | |
| **Personnel information** | **Name** | **Date of birth** |
|  | **Professional qualifications** | |
| **Present employment** | **Name of employer** | |
|  | **Address of employer** | |
|  | **Telephone** | **Contact (manager / personnel officer)** |
|  | **Fax** | **E-mail** |
|  | **Job title** | **Years with present employer** |

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

|  |  |  |
| --- | --- | --- |
| **From** | **To** | Company / Project / Position / Relevant technical and management experience |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 4.2.6 Equipment

The Bidder shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section 3 (Evaluation and Qualification Criteria). A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder.

|  |  |  |
| --- | --- | --- |
| **Equipment Information** | **Name of manufacturer** | **Model and power rating** |
|  | **Capacity** | **Year of manufacture** |
| **Current Status** | **Current location** | |
|  | **Details of current commitments** | |
|  |  | |
| **Source** | **Indicate source of the equipment**  **o Owned o Rented o Leased o Specially manufactured** | |

Omit the following information for equipment owned by the Bidder.

|  |  |  |
| --- | --- | --- |
| **Owner** | **Name of owner** | |
|  | **Address of owner** | |
|  |  | |
|  | **Telephone** | **Contact name and title** |
|  | **Fax** | **Telex** |
| **Agreements** | **Details of rental / lease / manufacture agreements specific to the project** | |
|  |  | |
|  |  | |
|  |  | |

## 4.2.7 Proposed Subcontractors/Manufacturers for Major Items of Plant and Services (DELETED)

The following Subcontractors and/or manufacturers are proposed for carrying out the item of the facilities indicated. Bidders are free to propose more than one for each item

|  |  |  |  |
| --- | --- | --- | --- |
| S. No. | Major Items of Plant/works | Proposed Subcontractors/Manufacturers | Nationality |
| 1 |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |
| 11 |  |  |  |
| 12 |  |  |  |
| 13 |  |  |  |
| 14 |  |  |  |
| 15 |  |  |  |
| 16 |  |  |  |

## 4.2.8 Time Schedule (DELETED)

To be used by Bidder when alternative Time for Completion is invited in ITB 13.2.

**Schedule of Technical Deviations**

Technical deviation in specifications, Design parameters, Capacities etc. shall be clearly brought out in this schedule with justifications.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Clause Reference and section of bid document | As proposed in Bid document | As proposed  by Bidder | Justification for change |

We hereby undertake that the bid is strictly in conformity with the bid document except for the deviations mentioned above. Deviations, if any, found elsewhere in our bid, may be considered withdrawn without any implications.

# 4.3 Technical Schedules

## 4.3.1 Technical schedule-TS16 – Employer’s Requirement Compliance declaration by the Bidder

Declaration of Specifications

We undertake to make suitable modifications to the design and specifications of the plant and equipment required to fulfil the bid document specifications during the review of the detailed design submission (after award of work) as per the stipulations.

It is also confirmed that there is no deviations and variance (Specifications, Drawings, Terms and Conditions etc.) from the bid document. We confirm that our Bid is strictly as per Bid Document.

Signature

(Authorised Signatory)

## TECHNICAL Schedule 4.3.2 - Sub Contractor’s Qualification (DelETED)

1. Design and Construction of Water Supply System

The Sub Contractor shall provide all the information/data as required in Clause 3.6 – Qualification Criteria for Sub Contractors/Manufacturers of Section 3 by using all the similar forms/schedules as listed above used by the Bidder.

## 4.3.4 Technical schedule – Employer’s Requirement Compliance declaration by the Sub contractor (DELETED)

Declaration of Specifications

We undertake to make suitable modifications to the design and specifications of the RO plant and equipment required to fulfil the bid document specifications during the review of the detailed design submission (after award of work) as per the stipulations.

It is also confirmed that there is no deviations and variance (Specifications, Drawings, Terms and Conditions etc.) from the bid document. We confirm that our submittals are strictly as per Bid Document.

Signature

(Authorised Signatory)

Essentiality Certificate

Government of Maldives

XXXXXXX

TO WHOM IT MAY CONCERN

This is to certify that the work of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Package No. & Name of work) \_\_\_\_\_\_\_\_\_ has been awarded to \_\_\_\_\_\_\_\_\_\_\_\_(Name of Contractor)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_amount to MRF.\_\_\_\_\_\_\_\_\_\_\_\_(Amount of Contract Agreement)\_\_\_\_\_\_\_\_\_\_\_\_\_\_only by Ministry of National Planning and Infrastructure, Government of Maldives and that this project has duly been approved by Government of Maldives and funded by the same.. The Project is being implemented by the Ministry National Planning and Infrastructure, Government of Maldives from XXXXXX to XXXXXXX.

It is certified that M/S\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Name of Contractor) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for the above project requires to purchase \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Quantity of Material and name of material) \_\_\_\_\_\_\_\_\_\_\_under work \_\_\_\_\_\_\_\_\_\_\_\_ (Package No. & Name of work) \_\_\_\_\_\_\_\_\_\_\_.

It is further certified that the aforesaid material is required for the execution of the said project.

The validity of this certificate is from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_ (Construction Duration as per Agreement).

(Name)