**Section 3**

**Evaluation and Qualification Criteria**

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# Section 3 - Evaluation and Qualification Criteria

This Section contains all the criteria that the Employer shall use to evaluate bids and qualify Bidders. In accordance with ITB 34 and ITB 39, no other methods, criteria and factors shall be used. The Bidder shall provide all the information requested in the forms included in Section 4 (A) (Bidding Forms).

## 3.1 Evaluation

### 3.1.1Technical Evaluation

In addition to the criteria listed in ITB 34.1 (a) – (c) the following factors shall apply:

1. The bidder shall have constructed at least one same size Water Supply Project on turnkey basis in last 10 years. The project should be under successful operation at least for last one year up to the date of bid submission.

(ii) Work order and completion certificate shall be enclosed with the bid to substantiate above works. The completion certificate should be signed by the competent authority.

### 3.1.2Economic Evaluation

Any adjustments in price that result from the procedures outlined below shall be added, for purposes of comparative evaluation only, to arrive at an “Evaluated Bid Price.” Bid prices quoted by bidders shall remain unaltered.

### 3.1.3Quantifiable Deviations and Omissions

Deviations if any from the contractual obligations shall be furnished by the bidder in schedule of technical deviations. The contractor shall also undertake that there are no deviations in his bid except for those mentioned in schedule of technical deviations. The deviations shall be only when otherwise it is not possible. The additional price, if any, given by the bidder for withdrawing deviations in its bid will be added to bid price for economic evaluation.

Quantifiable Deviations and Omissions from the contractual obligations:

The evaluation shall be based on the evaluated cost of fulfilling the contract in compliance with all contractual obligations under this bidding document. The Employer will assess the cost of such a deviation for the purpose of ensuring fair comparison of bids.

### 3.1.4 Time Schedule

### Time to complete the plant and services from the effective date specified in Article 3 of the Contract Agreement for determining time for completion is: 9Months (3 months for design and 6 months for construction) inclusive of monsoon. The Tender Board will verify that the time schedule provided by the bidder shall stipulate mobilization on site for preparatory work at the latest 7 days from commencement date. No credit will be given for earlier completion.

### 3.1.5Operating and Maintenance Costs

The bidder is required to quote for Operation and Maintenance of the plant for a period of **one year** aftersuccessful commissioning of all the equipment and on completion of trial run period and successful handing over to the Employer. The cost quoted by the bidder for Operation and Maintenance will be considered for evaluation.

### 3.1.6 Guarantee for the energy consumption

The bidder shall guarantee for the energy consumption against the Reverse Osmosis Plant mentioned in Schedule of Performance, Table III of Section – 4A: - Bidding Forms– Technical Proposal. Power consumption figure lowest among the bidders will be treated as datum for comparison and subsequent energy loading.

### 3.1.7 Work, services, facilities, etc., to be provided by the Employer

Not applicable as no works, services, facilities etc. will be provided by the Employer.

### 3.1.8 Specific additional criteria

There are no specific additional criteria for economic evaluation.

## 3.2Qualification

### 3.2.1Eligibility

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Criteria | Compliance Requirements | | | | Documents |
| **Requirement** | **Single Entity** | **Joint Venture** | | | **Submission Requirements** |
| **All Partners Combined** | **Each Partner** | **At Least One Partner** |
| Nationality | | | | | |
| Nationality in accordance with ITB Sub-Clause 4.1. | must meet requirement | must meet requirement | must meet requirement | Not applicable | Forms: ELI - 1; ELI - 2 with attachments |
| Conflict of Interest | | | | | |
| No conflicts of interest in accordance with ITB Sub-Clause 4.2. | must meet requirement | must meet requirement | must meet requirement | Not applicable | Application Submission Sheet |
| Government-owned Entity | | | | | |
| Bidder required to meet conditions of ITB Sub-Clause 4.4. | must meet requirement | must meet requirement | must meet requirement | Not applicable | Forms ELI - 1; ELI - 2 with attachments |
| UN Eligibility | | | | | |
| Not having been excluded by an act of compliance with UN Security Council resolution in accordance with ITB Sub-Clause 4.6. | must meet requirement | must meet requirement | must meet requirement | Not applicable | Application Submission Sheet |

### 3.3.2 Pending Litigation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Criteria | Compliance Requirements | | | | Documents |
| Requirement | Single Entity | Joint Venture | | | Submission Requirements |
| All Partners Combined | Each Partner | One Partner |
| Pending Litigation | | | | | |
| All pending litigation shall be treated as resolved against the Bidder and so shall in total not represent more than **Fifty percent** of the Bidder’s net worth. | must meet requirement by itself or as partner to past or existing JV | not applicable | must meet requirement by itself or as partner to past or existing JV | Not applicable | Form LIT – 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Criteria | Compliance Requirements | | | | Documents |
| Requirement | Single Entity | Joint Venture | | | Submission Requirements |
| All Partners Combined | Each Partner | OnePartner |
| Historical Financial Performance | | | | | |
| Submission of audited balance sheets and income statements or, if not required by the law of the Bidder’s country, other financial statements acceptable to the Employer, for the last **3 (Three) years ending 36 million (Thirty Six Million Maldivian Rufiya)** to demonstrate the current soundness of the Bidders financial position and its prospective long-term profitability. As a minimum, an Applicant’s net worth calculated as the difference between total assets and total liabilities should be positive. | must meet requirement | not applicable | must meet requirement | Not applicable | Form FIN - 1 with attachments |
| Average Annual Construction Turnover | | | | | |
| Minimum average annual construction turnover of **MVR 5 million ( Maldivian Rufiyaa five million )** calculated as total certified payments received for contracts in progress or completed, within the last **3 (Three) years ending MVR 36 millioN.**. | must meet requirement | must meet requirement | must meet 25% of the requirement | must meet 40 % of the requirement | Form FIN – 2 |
|
|
| Financial Resources | | | | | |
| Using Forms FIN – 3 and FIN - 4 in Section 4 (A) (Bidding Forms) the Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet:(1) the following cash-flow requirement, MVR 36 million :(2) the overall cash flow requirements for this contract shall satisfy with 7 x working capital + line of credit – 0.4 x current contract commitments ≥ MVR 23.3 Million | must meet requirement | must meet requirement | must meet 25% of the requirement | must meet 40% of the requirement | Form FIN – 3 |

### 3.3.3 Experience

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Criteria | Compliance Requirements | | | | Documents |
| Requirement | Single Entity | Joint Venture | | | Submission Requirements |
| All Partners Combined | Each Partner | One Partner |
| General Experience | | | | | |
| Experience under contracts in the role of contractor, subcontractor, or management contractor for at least the last **5 (Five)** years prior to the applications submission deadline. | must meet requirement | not applicable | must meet requirement | Not applicable | Form EXP – 1 |
| Specific Experience | | | | | |
| Bidder or the Sub contractor to whom the work of design and construction of Water Supply systems in islands is to be Sublette has participated as contractor, management contractor, or subcontractor, in at least. **One** contract within the last **Ten years**, with a value of at least MRF**. 36 Million. (Maldivian Rufiyaa thirty six million)** that have been successfully or are substantially completed and that are similar to the proposed system and services. The similarity shall be based on the physical size and environment, complexity, methods, technology or other characteristics as described in Section7 (Employer’s Requirements) | must meet requirement | must meet requirement | not applicable | Not applicable | Form EXP - 2(a) |

In order to consider the current value of the contracts, the adjustment factors will be applied to the value of works completed or substantially completed over the last five years based on the final contract price as certified at the date of completion of work.

The final contract price (of completed works) will be multiplied by the following adjustment factors to estimate the equivalent year 2012 contract price.

|  |  |
| --- | --- |
| Completed in Year 2014 | 1.25\*1.00 = 1.25 |
| Completed in Year 2013 | 1.25\*1.10 = 1.375 |
| Completed in Year 2012 | 1.25\*1.20 = 1.50 |
| Completed in Year 2011 | 1.25\*1.30 = 1.625 |
| Completed in Year 2010 | 1.25\*1.40 = 1.75 |
| Completed in Year 2009 | 1.25\*1.50 = 1.875 |
| Completed in Year 2008 | 1.25\*1.60 = 2.000 |
| Completed in Year 2007 | 1.25\*1.70 = 2.125 |
| Completed in Year 2006 | 1.25\*1.80 = 2.25 |
|  |  |

### 3.3.4 Experience in Key Activities

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Criteria | Compliance Requirements | | | | Documents |
| Requirement | Single Entity | Joint Venture | | | Submission Requirements |
| All Partners Combined | Each Partner | One Partner |
| For the above or other contracts executed during the period stipulated in 3.3.3(a) above, a minimum experience in the following key activities: | must meet | must meet | not applicable | not applicable | Form EXP - 2(b) |
| all requirements | all requirements |
| 1. The bidder or the Sub Contractor to whom the work of design and construction of Water Supply system is to be subletted shall have constructed at least one water supply network works of same capacity or greater than the specified capacity in the last 10 years. The water supply systems should be under successful operation at least for last one year up to the date of bid submission. | must meet all requirements | must meet all requirements |  |  |  |

## 3.4Key Personnels for Design and construction supervision

The Bidder must demonstrate that it has the personnel for the key positions that meet the following requirements:

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Position | Total Work Experience [years] | Experience In Similar Work [years] |
| 1 | Project Manager (Master in Project Management) having reasonably good experience in engineering projects management. | 10 | 5 (Experience in similar works is not mandatory) |
| **Design Team** | | | |
| 2 | Water Supply System Design Engineer (Degree in civil engineering with good engineering knowledge of design of Water Supply system and additional knowledge of Reverse Osmosis Plant design of islands (1 No.) | 5 | 3 |
| 3 | Electro-mechanical Design Engineer (Degree in electrical/mechanical engineering with good engineering knowledge of design of electrical and mechanical works together and additional knowledge in Atomization works of Reverse Osmosis Plant in the island.( 1 No.) | 5 | 3 |
| 4 | Surveyor (Diploma in land surveying. 2 nos) | 5 | 3 |
| 5 | EIA Specialist | 5 | 3 |
| **Construction Supervision Team** | | | |
| 3 | Resident Engineer (Civil) having degree in Civil Engineering) with good background of construction supervision of water supply works in islands. (1 No) | 3 | 2 |
| 4 | Assistant Resident Engineer (Civil) - | 3 | 2 |

The Bidder shall provide details of the proposed personnel and their experience records in the relevant Information Forms included in Section 4 (A) (Bidding Forms) – Technical Proposal.

## 3.5Key Equipment

The Bidder must demonstrate that it has accessibility for the key equipment listed hereafter: (For each Island)

|  |  |  |
| --- | --- | --- |
| No. | Equipment Type | Min. Number Required |
|  | Pipe Trenching Equipment (land) | 1 set |
|  | Pipe Trenching Equipment | 1 Set |
|  | Dumper Trucks | 1 No |
|  | Welding Equipment | 1 Set |
|  | Steel Shuttering | 250 sq. meters |
|  | Vibrator | 2 Nos |
|  | Excavator (back Hoe) | 1 No. |
|  | Survey Equipment (Total Station, dumpy level etc.) | 1 set. |
|  | Measuring Tapes, etc. | 1set |
|  | Concrete Mixer | 1 No. |
|  | Compactor | 1 No. |
|  | Two wheel Tractor | 1 No. |
|  | Electricity generating diesel set | 1 No |

The Bidder shall provide further details of proposed items of equipment using the relevant Form in Section 4 (A) (Bidding Forms) - Technical Proposal.

## 3.6 Subcontractors/Manufacturers

In the case of a Bidder who offers to supply and install major items of supply under the contract that the Bidder did not manufacture or otherwise produce, the Bidder shall provide the manufacturer’s authorization, using the form provided in Section 4 (A) (Bidding Forms) Technical Proposal, showing that the Bidder has been duly authorized by the manufacturer or producer of the related plant and equipment or component to supply and install that item in the Employer’s country. The Bidder is responsible for ensuring that the manufacturer or producer complies with the requirements of ITB 4 and 5 and meets the minimum criteria listed above for that item. 3.6 Qualification Criteria for Subcontractors/Manufacturers

In case sub-contractor has been proposed, the subcontractors/manufacturers for the following major items of supply or services must meet the following minimum criteria, herein listed for that item. Failure to comply with this requirement will result in rejection of the subcontractor.

|  |  |  |
| --- | --- | --- |
| No. | Description of Item | Minimum Criteria to be met |
| Water System Sub Contractor | | |
| 1 | Minimum experience of construction of civil, electrical and mechanical units of Water Supply System and Reverse Osmosis Plant of similar nature. | 10 years. Documentary evidence to be attached. |
| 2 | Minimum No. of Water Supply projects designed and constructed in the last 10 years. | 2 Nos. Documentary evidence to be attached together documentary evidence regarding its successful functioning up till now from the owner. |
| 3 | Technical Staff having required qualification and sufficient experience in the relevant engineering discipline.( Refer to Clause 3.4 – Key personnel for Design and Construction Supervision) | The sub Contractor shall provide the list of key technical staff, their qualifications and experience with Cvs in the format as given in the Technical Proposal.. |
| 4 | Equipment (Refer to Clause 3.5 – Key Equipment) | The Sub contractor shall provide list of key equipment in the format given in Technical proposal |
| 5 | Financial Strength | The Sub Contractor shall provide their financial data/information as required in the Technical Proposal to prove that they can execute the Water Supply components of the project. |