PART IV

SECTION 11– PRICE SCHEDULES Adh. Dhangethi

This Section contains the forms which are to be completed by the Bidder and submitted as part of his Bid.

**Table of Forms**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Schedules** | **Page no.** |
| 1. | Schedule No.1: Plant &Equipment (including Mandatory Spare Parts) supplied from Abroad | 2 |
| 2. | Schedule No.2: Plant &Equipment (including Mandatory Spare Parts) supplied from within the employer’s country | 4 |
| 3. | Schedule no.3: Design Services | 9 |
| 4. | Schedule No.4(A): Civil Works, Installation of Electro-Mechanical & Instrumentation Systems and Other Services | 12 |
| 5. | Schedule No. 4(B): Operation and Maintenance of the System and facilities | 16 |
| 6. | Schedule No. 5:Grand Summary of Island | 17 |
| 7. | Schedule No. 6: Price schedule of Recommended Spare Parts | 18 |
| 8. | Schedule No.7: Additional Price for withdrawal of Deviations | 19 |

# Schedule No. 1 – Plant& Equipment (including Mandatory Spare Parts) Supplied from Abroad

| **Item** | **Description** | **Country of Origin** | **Qty.** | **Unit Price1** | | **Total Price1** | **Taxes and Duties** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Foreign Currency**  **USD** | **CIP** | **Foreign Currency**  **USD** | **Local Currency MVR** |
| **1.0** | **Mechanical Works** |  |  |  |  |  |  |
|  | 1.1 BoreHole Pumping Equipment . |  | 1Lot |  |  |  |  |
|  | 1.2 Sea Outfall Pumping equipment |  | 1 Lot |  |  |  |  |
|  | 1.3 RO Plant, including all plant components |  | 1 Lot |  |  |  |  |
|  | 1.4 Pumping Equipment for Water Distribution |  | 1 Lot |  |  |  |  |
|  | 1.5 Chlorination Plant |  |  |  |  |  |  |
| **2.0** | **Electrical Works** |  |  |  |  |  |  |
|  | 2.1 Borehole Pump and Pump House. |  | …Lot |  |  |  |  |
|  | 2.2 Sea Outfall Pumping Station |  | 1 Lot |  |  |  |  |
|  | 2.3 RO Plant and RO Plant House and Chlorination Plant |  | 1 Lot |  |  |  |  |
|  | 2.4 Administration Building |  | 1 Lot |  |  |  |  |
|  | 2.5 Pumping Equipment for Water Distribution |  |  |  |  |  |  |
| **3.0** | **Automation and Control** |  |  |  |  |  |  |
|  | 3.1 RO Plant and Chlorination Plant |  | ….Lot. |  |  |  |  |
|  | 3.2 Sea Outfall Pumping Station |  | 1 Lot |  |  |  |  |
|  | 3.3 Pumping Equipment for Water Distribution |  | 1 Lot |  |  |  |  |
| **4.0** | **Operations & Maintenance Equipments** |  |  |  |  |  |  |
|  | 4.1 Supply of Mobile Diesel Generator sets for Bore Hole and RO Plant |  | 1No |  |  |  |  |
| **TOTAL Column 7 and 8 to be carried forward to Schedule No. 5. Grand Summary** | | | | | |  |  |
|  | | | | |  |  |  |
| Name of Bidder | | | | |  |  |  |
|  | | | | |  |  |  |
| Signature of Bidder | | | | |  |  |  |

1Foreign ***currency*** *shall be in US $ in accordance w1ith ITB 19****.****ofsection 2*

# Schedule No. 2 – Plant& Equipment (including Mandatory Spare Parts) Supplied from Within the Employer’s Country

| **Item** | **Description** | **Qty.** | **EXW Unit Price MVR** | **Total EXW Price MVR** | **Sales Tax MVR** | **Total Price MVR** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |
| **1.0** | **Mechanical Works** |  |  |  |  |  |
|  | 1.1 BoreHole Pumping Equipment . | 1Lot |  |  |  |  |
|  | 1.2 Sea Outfall Pumping equipment | 1 Lot |  |  |  |  |
|  | 1.3 RO Plant, including all plant components and Chlorination Plant | 1 Lot |  |  |  |  |
|  | 1.4 Pumping Equipment for Water Distribution | 1 Lot |  |  |  |  |
| **2.0** | **Electrical Works** |  |  |  |  |  |
|  | 2.1 Borehole Pump and Pump House. | …Lot |  |  |  |  |
|  | 2.2 Sea Outfall Pumping Station | 1 Lot |  |  |  |  |
|  | 2.3 RO Plant and RO Plant House and Chlorination Plant | 1 Lot |  |  |  |  |
|  | 2.4 Administration Building | 1 Lot |  |  |  |  |
|  | 2.5 Pumping Equipment for Water Distribution |  |  |  |  |  |
| **3.0** | **Automation and Control** |  |  |  |  |  |
|  | 3.1 RO Plant and Chlorination Plant | ….Lot. |  |  |  |  |
|  | 3.2 Sea Outfall Pumping Station | 1 Lot |  |  |  |  |
|  | 3.3 Pumping Equipment for Water Distribution | 1 Lot |  |  |  |  |

# ScheduleNo. 3: Design Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Description** | **Quantity** | **Unit Price1** | | **Total Price1** | |
| **Local Currency (MVR)** | **Foreign Currency (USD)** | **Local Currency (MVR)** | **Foreign Currency (USD)** |
| **1.1** | Surveys, investigations, up-dation of Land Use Plan, conduction of EIA and Preparation of Concept Design Report and approval of EPA | 1 Lot |  |  |  |  |
| **1.2** | **Water Supply System**  (Bore Hole, Water Distribution Network, Storage Tanks, Rain Water Harvesting RO Plant Pumping Stations, Pumping Mains, and Sea Outfall Pumping Station and Chlorination Plant etc ) | 1 Lot |  |  |  |  |
|  | |  |  |  |  |  |
| 1.2A System Design and Drawings | |  |  |  |  |  |
| 1.2A-1 | Hydraulic Design of Borehole, Water Distribution Network, Water Storage Tank, Rainwater Harvesting System, RO Plant/Piping System and Sea Outfall System for Brine Disposal and Chlorination Plant | Lump Sum |  |  |  |  |
| 1.2A-2 | Site Layout Plan, General Arrangement Drawings, Architectural Drawings and Site Grading Plan for Bore Hole, RO Plant, Ground Storage Tank, Sea Outfall Disposal of Brine, Rainwater Harvesting and RO Plant and Chlorination Plant. | Lump Sum |  |  |  |  |
| 1.2A-3 | Electrical system and Single line Electrical Diagram for RO Plant, Raw Water, Clear water and Sea Outfall Pumping. | Lump Sum |  |  |  |  |
| 1.2A-4 | Atomization & Control Systems of Borehole Pumping and RO Plant | Lump Sum |  |  |  |  |
| 1.2A-5 | Ancillary Works | Lump Sum |  |  |  |  |
|  |  |  |  |  |  |  |
| 1.2B Structural Designs and Drawings | | Lump Sum |  |  |  |  |
|  |  |  |  |  |  |  |
| 1.1C Electro-Mechanical Designs and Drawings | | Lump Sum |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **1.3** | **Administration Building**  **(9.0m x 9.0m)** | 1 Lot |  |  |  |  |
| 1.3A Design and Drawings | |  |  |  |  |  |
| 1.3A-1 | Site Layout Plan, General Arrangement Drawings, Architectural Drawings and Site Grading Plan | Lump Sum |  |  |  |  |
| 1.3A-3 | Site Drainage and External/internal Plumbing | Lump Sum |  |  |  |  |
| 1.3A-4 | Single Line Diagrams of Electrical system for Administration & Control Building | Lump Sum |  |  |  |  |
| 1.3A-6 | Ancillary Works | Lump Sum |  |  |  |  |
|  |  |  |  |  |  |  |
| 1.3B Structural Designs and Drawings | | Lump Sum |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **TOTAL Columns 6 and 7 to be carried forward to Schedule No. 5. Grand Summary** | | |  |  |  |
|  | | | |  |  | |
| Name of Bidder | | | | |  | |
| Signature of Bidder | | | | |  | |

1***Specify currency in accordance ITB 19 of Section – 2.***

# Schedule 3, cont.;Schedule No. 4 (A): Civil Works, Installation of Electro-Mechanical & Instrumentation Systems and Other Services

| **Item** | **Description** | **Quantity** | **Unit Price1** | | **Total Price1** | |
| --- | --- | --- | --- | --- | --- | --- |
| **Local Currency (MVR)** | **Foreign Currency (USD)** | **Local Currency (MVR)** | **Foreign Currency (USD)** |
| **1.0 General and Preliminaries** | | 1 Lot |  |  |  |  |
|  | * 1. **Contractual Requirements**   Provide & Maintain all necessary Insurances, Guarantees and Securities. | Lump Sum |  |  |  |  |
|  | * 1. **Specified Requirements**   Provisions and Maintaining of Engineer’s Office, Contractor’s Office and Contractor’s Staff Accommodation;  Provision and maintaining of adequately equipped Laboratory services as required for site control on the quality of materials and the works as per special specification;  Provision of laboratory equipment and maintaining of adequately equipped Laboratory services for conducting various test on Water samples of RO Plant and water in Water Distribution Pipelines within Island at different locations for checking and monitoring of RO Plant and Scheme performance.  Provision and Erection of Notice Boards 3m x 4m size as per drawing and specification, including complete cost and conveyance of materials, labour charges, &etc;  Provision of photographs of important activities of the work during the progress of work as directed by the Engineer, including all costs, etc.;  Provision of videograph of the progress of works, one video tape not more than 30 minutes duration showing the progress during every month; and  Training of employer’s nominees in operation and maintenance as per employer's | Lump Sum |  |  |  |  |
|  | * 1. **Temporary Works**   Mobilize to site and maintain water bowsers to meet the drinking water needs of the households affected by dewatering of trenches; and  Arrange during dewatering of trenches, for pumping ground water of salinity greater than 2500 microsiemens to be pumped out to sea. | Lump Sum |  |  |  |  |
|  |  |  |  |  |  |  |
| **2.0 Site Preparation** | | 1 Lot |  |  |  |  |
|  | Clearing grass, bushes, shrubs, saplings, uprooting rank vegetation all along the pipeline route and removal & disposal of rubbish to approved tips anywhere in the island as directed by the Engineer-in-charge;  Cutting of trees, including trunks, branching and removal of stumps, roots, stacking of serviceable materials with all lifts and up to all lead within project area and earth filling in the depression/pit, including excavation & backfilling up to 600mm girth size;  Location,and relocation of existing utility services i.e. electrical poles, telephone cables and others. | Lump Sum |  |  |  |  |
| **Schedule 4(A), cont.;** | |  |  |  |  |  |
| **3.0 Civil Works** | |  |  |  |  |  |
|  | 3.1 Water Distribution Network, Valve Chambers, Valves Thrust Blocks Including House Connections | L.S. |  |  |  |  |
|  | 3.2Pumping Mains, . HDPE Pipe including thrust blocks for Borehole to RO Plant | L.S. |  |  |  |  |
|  | 3.4 Sea Outfall (Pumping main, Thrust Blocks, PCC Blocks, Diffuser arrangement and other etc) | L.S. |  |  |  |  |
|  | 3.5 Administration Building | L.S. |  |  |  |  |
|  | 3.6 Rain Water Harvesting System and Ground Storage Tanks | LS |  |  |  |  |
|  | 3.7 RO Plant Piping System, Plant House Water Supply and Sanitation System | LSLS |  |  |  |  |
| **4.0 Installation of Electro-Mechanical Systems** | |  |  |  |  |  |
|  | 4.1Borehole Pump and Pump House | L.S. |  |  |  |  |
|  | 4.2 Sea Outfall Pumping Station | L.S. |  |  |  |  |
|  | 4.3 RO Plant System | LS |  |  |  |  |
|  | 4.4 Water Distribution System | LS |  |  |  |  |
| **5.0 Installation of Automization Systems** | |  |  |  |  |  |
|  | 5.1 Borehole Pumping Equipment | L.S. |  |  |  |  |
|  | 5.2 RO Plant System | L.S. |  |  |  |  |
|  |  |  |  |  |  |  |
| **Schedule 4(A), cont.;** | |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **6.0 Testing and Trial Run** | |  |  |  |  |  |
|  | 6.1 Conducting Tests on Completion of Water Supply System | L.S. |  |  |  |  |
|  | 6.2 Trial Run of Water Supply System | L.S. |  |  |  |  |
| **7.0 Commissioning** | |  |  |  |  |  |
|  | 7.1 Commissioning of Water Supply System as per Employer’s Requirement including cost of labor, supervision staff, chemicals, electricity, diesel and consumables etc | L.S. |  |  |  |  |
|  | 7.2 Preparation and delivery of operation and maintenance manuals including all as built drawings | L.S |  |  |  |  |
|  | **TOTAL Columns 6 and 7 to be carried forward to Schedule No. 5. Grand Summary** | | | |  |  |
|  | | | | |  |  |
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|  |  | | | |  |  |
|  | Name of Bidder | | | |  |  |
|  |  | | | |  |  |
|  | Signature of Bidder | | | |  |  |

1***Specify currency in accordance with ITB 19*of Section – 2.**

**Schedule 4(A), cont.**

# Schedule No. 4 (B): Operation and Maintenance of the Plant and Facilities

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Description** | **Unit** | **Quantity** | **Unit Price1** | | **Total Price1** | |
| **Local Currency (MVR)** | **Foreign Currency (USD)** | **Local Currency (MVR)** | **Foreign Currency (USD)** |
| 5-1 | Operation and Maintenance of the Water Supply System Facilities for a period of one year from the final completion date and Taking over of entire completed Water Supply system by the Employer. | Month | 12 |  |  |  |  |
|  | **TOTAL Columns 7 and 8 to be carried forward to Schedule No. 5. Grand Summary** | | | | |  |  |
|  |  | | | | |  |  |
|  |  | | | | |  |  |
|  |  | | | | |  |  |
|  | Name of Bidder | | | | |  |  |
|  |  | | | | |  |  |
|  | Signature of Bidder | | | | |  |  |

1***Specify currency in accordance with ITB 19of Section – 2.***

# Schedule No. 5 - Grand Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Schedule No.** | **Title** | **Total** | |
| **Foreign Currency (USD)** | **Local Currency(MVR)** |
| **1** | **Plant &Equipment (including Mandatory Spare Parts) Supplied from Abroad** |  |  |
| **2** | **Plant &Equipment (including Mandatory Spare Parts) Supplied from Within the Employer’s Country** |  |  |
| **3** | **Design Services** |  |  |
| **4 (A)** | **Civil Works, Installation of Electro-Mechanical & Instrumentation services and Other Services** |  |  |
| **4 (B)** | **Operation and Maintenance of Plant and Facilities** |  |  |
| **5 (A)** | **Provisional Sum for Third Party Inspection and Contingencies** | **20,000.00** |  |
| **6** | **Recommended Spare Parts** |  |  |
| **7** | **Additional Price for Withdrawal of deviation** |  |  |
| **GRAND TOTAL to be carried forward to Island Price Summary** | |  |  |
|  |  |  |  |
|  | Name of Bidder |  |  |
|  |  |  |  |
|  | Signature of Bidder |  |  |

1***Specify currency in accordance with ITB 19 of Section -2.***

# Schedule No. 6 - Recommended Spare Parts

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Description** | **Qty** | **Unit Price1** | | **Total Price1** | |
| **EXW**  **Local Parts**  **Local Currency**  **(MVR)** | **CIP**  **Imported Parts**  **Foreign Currency**  **(USD)** | **Local Currency (MVR)** | **Foreign Currency (USD)** |
| **1.0** | **Spares for all Pumps/Pumps Stations and RO Plant**  **1.1 Safety Tools**  **1.2 Maintenance Tools**  **1.3 Manuals and Catalogues** | **L.S.** |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **TOTAL** | | | | |  |  |
|  | | | |  |  |  |
| Name of Bidder | | | |  |  |  |
|  | | | |  |  |  |
| Signature of Bidder | | | |  |  |  |

1***Specify currency in accordance with ITB 19 of Section -2.***

# Schedule No.7:Additional Price for withdrawal of Deviations

Deviation in specifications, Design parameters, Capacities etc. shall be clearly brought out in this schedule with additional price. The contents of the schedule shall be exactly identical to the one described in Section – 4 (A) Volume – I and additional price for windrowing the deviations shall be given below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No.** | **Clause Reference and section of bid document** | **As proposed in Bid document** | **As proposed**  **by Bidder** | **Additional Price** |
| 1 | 2 | 3 | 4 | 5 |
|  |  |  |  |  |
|  |  |  |  |  |
| **TOTAL of Column 5 to be carried forward to Schedule No. 5. Grand Summary** | | | |  |

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, will be withdrawn without any implications.

|  |  |  |  |
| --- | --- | --- | --- |
| Name of Bidder |  |  |  |
|  |  |  |  |
| Signature of Bidder |  |  |  |

Company Seal