# Price Schedules

## PREAMBLE

**General**

1. The Price Schedules are divided into separate Schedules as follows for each LOT:

Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad

Schedule No. 2: Plant and Mandatory Spare Parts Supplied from within the Employer’s Country

Schedule No. 3: Design Services

Schedule No. 4: Installation and Other Services

Schedule No. 5: Grand Summary

Schedule No. 6: Recommended Spare Parts

1. The Schedules do not generally give a full description of the plant to be supplied and the services to be performed under each item. Bidders shall be deemed to have read the Employer’s Requirements and other sections of the Bidding Document and reviewed the Drawings to ascertain the full scope of the requirements included in each item prior to filling in the rates and prices. The entered rates and prices shall be deemed to cover the full scope as aforesaid, including overheads and profit.
2. If Bidders are unclear or uncertain as to the scope of any item, they shall seek clarification in accordance with ITB 7 prior to submitting their bid.

**Pricing**

1. The units and rates in figures entered into the Price Schedules should be typewritten or if written by hand, must be in print form. Price Schedules not presented accordingly may be considered nonresponsive. Any alterations necessary due to errors, etc., shall be initialled by the Bidder.

As specified in the Bid Data Sheet and Special Conditions of Contract, prices shall be fixed and firm for the duration of the Contract, or prices shall be subject to adjustment in accordance with the corresponding Appendix (Price Adjustment) to the Contract Agreement.

1. Bid prices shall be quoted in the manner indicated and, in the currencies, specified in the Instructions to Bidders in the Bidding Document.

For each item, Bidders shall complete each appropriate column in the respective Schedules, giving the price breakdown as indicated in the Schedules.

Prices given in the Schedules against each item shall be for the scope covered by that item as detailed in Section 6 (Employer’s Requirements) or elsewhere in the Bidding Document.

1. Payments will be made to the Contractor in the currency or currencies indicated under each respective item.
2. When requested by the Employer for the purposes of making payments or part payments, valuing variations or evaluating claims, or for such other purposes as the Employer may reasonably require, the Contractor shall provide the Employer with a breakdown of any composite or lump sum items included in the Schedules.

**PRICE SCHEDULES - LOT 1**

A04 DHIDHDHOO ISLAND

B01 HANIMAADHOO ISLAND

C02 MILANDHOO ISLAND

D02 MANADHOO ISLAND

D04 HOLHUDHOO ISLAND

|  |  |
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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
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| **Lot 1 - Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad** | |
| **Instructions to bidders:** **(i) Prices shall be quoted in accordance with ITB 18.4 (a)**  (ii) Prices for items supplied from abroad should be quoted in Schedule 1. Do not duplicate same in Schedule 2.  (iii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currencies in accordance with ITB 19.1 of the BDS. | |

| **Item** | **Description** | **Ref.  Schedule** | **Country of Origin** | **Unit** | **Quantity** | **Unit Price*a*** | | **Total Price*a*** | **Taxes and Duties** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Foreign Currency** | **CIP** | **Foreign**  **Currency** | **Local Currency** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 = 6 x 8 | 10 |
| **A** | **Supply of Equipment and Materials** |  |  |  |  |  |  |  |  |
| **1.0** | **Extension of LVDB - Supply items** | **Sch S1** |  |  |  |  |  |  |  |
| 1.01 | A04-LVDB - Dhidhdhoo Island |  |  | Nos | 1 |  |  | - |  |
| 1.02 | B01-LVDB - Hanimaadhoo Island |  |  | Nos | 1 |  |  | - |  |
| 1.03 | C02-LVDB - Milandhoo Island |  |  | Nos | 1 |  |  | - |  |
| 1.04 | D02-LVDB - Manadhoo Island |  |  | Nos | 1 |  |  | - |  |
| 1.05 | D04-LVDB - Hulhudhoo Island |  |  | Nos | 1 |  |  | - |  |
| **2.0** | **MVDB and RMUs** | **Sch S2** |  |  |  |  |  |  |  |
| 2.1 | MVDB - 11 kV, 630 A, 25 KA, 02 Nos Incomer, 02 Nos Outgoing and Bus Coupler Panels as per schedules and specifications |  |  | Nos | 2 |  |  | **-** |  |
| **3.0** | **0.415/11 kV Step-Up Transformer** | **Sch S3** |  |  |  |  |  |  |  |
| 3.1 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, **3150 KVA** |  |  | Nos | 2 |  |  | - |  |
| 3.2 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, **2500 KVA** |  |  | Nos | 6 |  |  | - |  |
| **4.0** | **Package Substation** | **Sch S4** |  |  |  |  |  |  |  |
| 4.1 | Packaged Substation, **1500 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 1 |  |  | **-** |  |
| 4.2 | Packaged Substation, **1250 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 1 |  |  | **-** |  |
| 4.3 | Packaged Substation, **630 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 7 |  |  | **-** |  |
| **5.0** | **LV Distribution Box (Replacement)** | **Sch S5** |  |  |  |  |  |  |  |
| 5.1 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with **630 A** (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  |  | Nos | 5 |  |  | - |  |
| 5.2 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with **400 A** (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  |  | Nos | 4 |  |  | - |  |
| 5.3 | Addl. MCCB 250 A for C02 Milandhoo Substation # 1 LV Dist Panel |  |  | Nos | 1 |  |  | - |  |
| **6.0** | **LV Cables and accessories** | **Sch S6** |  |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured |  |  | m | 5805 |  |  | - |  |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured |  |  | m | 25 |  |  | - |  |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 300 sqmm, Armoured |  |  | m | 330 |  |  | - |  |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 240 sqmm, Armoured |  |  | m | 400 |  |  | - |  |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured |  |  | m | 1690 |  |  | - |  |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured |  |  | m | 660 |  |  | - |  |
| 6.07 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured |  |  | m | 1865 |  |  | - |  |
| 6.08 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured |  |  | m | 570 |  |  | - |  |
| 6.09 | Tinned copper cables lugs, crimp type (assorted sizes) |  |  | Nos | 682 |  |  | - |  |
| 6.10 | HS End Caps (all cable sizes) |  |  | Nos | 58 |  |  |  |  |
| **7.0** | **MV Cables and accessories** | **Sch S7** |  |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured |  |  | m | 3990 |  |  | - |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  |  | Nos | 14 |  |  | - |  |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  |  | Nos | 39 |  |  | - |  |
| **B** | **Mandatory Spare Parts and Tools (1 Lot for each unit supplied)** |  |  |  |  |  |  |  |  |
| 8.1 | Mandatory spare parts and tools for each LVDB, as per specification | Sch S1 |  | Lot | 5 |  |  | - |  |
| 8.2 | Mandatory spare parts and tools for each MVDB, as per specification | Sch S2 |  | Lot | 2 |  |  | - |  |
| 8.4 | Mandatory spare parts for for each Step-up transformer, as per specification | Sch S3 |  | Lot | 8 |  |  | - |  |
| 8.5 | Mandatory spare parts and tools for Package Substations, as per specification | Sch S4 |  | Lot | 9 |  |  | - |  |
| 8.6 | Mandatory spare parts for 11 kV Cables as per specification | Sch S7 |  | Lot | 4 |  |  |  |  |
| **9** | **Fibre Optic Cables** |  |  |  |  |  |  |  |  |
| 9.1 | Fibre Optic Cables including any required spare parts and tools, as per specification |  |  | LS | 1 |  |  | - |  |
| **TOTAL Column 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | |  |  |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
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| **LOT 1 - Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer’s Country** | |
| **Instructions to bidders :** **(i) Prices shall be quoted in accordance with ITB 18.4 (b)**  (ii) Prices for items supplied locally should be quoted in Schedule 2. Do not duplicate same in Schedule 1.  (iii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currency in accordance with ITB 19.1 of the BDS.  b  Column 7 EXW Price shall include all customs duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item or the customs duties and sales and other taxes already paid on previously imported items. | |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Price** | | **Total EXW Pricea** | **Sales and other Taxes** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Local Currency** | **EXW Priceb** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 7 | 9 |
| **A** | **Supply of Equipment and Materials** |  |  |  |  |  |  |  |
| **1.0** | **Extension of LVDB - Supply items** | **Sch S1** |  |  |  |  | **-** |  |
| 1.01 | A04-LVDB - Dhidhdhoo Island |  | Nos | 1 |  |  | - |  |
| 1.02 | B01-LVDB - Hanimaadhoo Island |  | Nos | 1 |  |  | - |  |
| 1.03 | C02-LVDB - Milandhoo Island |  | Nos | 1 |  |  | - |  |
| 1.04 | D02-LVDB - Manadhoo Island |  | Nos | 1 |  |  | - |  |
| 1.05 | D04-LVDB - Hulhudhoo Island |  | Nos | 1 |  |  | - |  |
| **2.0** | **MVDB and RMUs** | **Sch S2** |  |  |  |  |  |  |
| 2.1 | MVDB - 11 kV, 630 A, 25 KA, 02 Nos Incomer, 02 Nos Outgoing and Bus Coupler Panels as per schedules and specifications |  | Nos | 2 |  |  | - |  |
| **3.0** | **0.415/11 kV Step-Up Transformer** | **Sch S3** |  |  |  |  |  |  |
| 3.1 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, 3150 KVA |  | Nos | 2 |  |  | - |  |
| 3.2 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, 2500 KVA |  | Nos | 6 |  |  | - |  |
| **4.0** | **Package Substation** | **Sch S4** |  |  |  |  |  |  |
| 4.1 | Packaged Substation, 1500 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 1 |  |  | - |  |
| 4.2 | Packaged Substation, 1250 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 1 |  |  | - |  |
| 4.3 | Packaged Substation, 630 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 7 |  |  | - |  |
| **5.0** | **LV Distribution Box (Replacement)** | **Sch S5** | **Nos** |  |  |  |  |  |
| 5.1 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with 630 A (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  | Nos | 5 |  |  | - |  |
| 5.2 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with 400 A (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  | Nos | 4 |  |  | - |  |
| 5.3 | Addl. MCCB 250 A for C02 Milandhoo Substation # 1 LV Dist Panel |  | Nos | 1 |  |  | - |  |
| **6.0** | **LV Cables and accessories** | **Sch S6** |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured |  | m | 5805 |  |  | - |  |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured |  | m | 25 |  |  | - |  |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 300 sqmm, Armoured |  | m | 330 |  |  | - |  |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 240 sqmm, Armoured |  | m | 400 |  |  | - |  |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured |  | m | 1690 |  |  | - |  |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured |  | m | 660 |  |  | - |  |
| 6.07 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured |  | m | 1865 |  |  | - |  |
| 6.08 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured |  | m | 570 |  |  | - |  |
| 6.09 | Tinned copper cables lugs, crimp type (all cable sizes) |  | Nos | 682 |  |  | - |  |
| 6.10 | HS End Caps (all cable sizes) |  | Nos | 58 |  |  | - |  |
| **7.0** | **MV Cables and accessories** | **Sch S7** |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured |  | m | 3990 |  |  | - |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  | Nos | 14 |  |  | - |  |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  | Nos | 39 |  |  | - |  |
| **B** | **Mandatory Spare Parts and Tools (1 Lot for each unit supplied)** |  |  |  |  |  |  |  |
| 8.1 | Mandatory spare parts and tools for each LVDB, as per specification | Sch S1 | Lot | 5 |  |  | - |  |
| 8.2 | Mandatory spare parts and tools for each MVDB, as per specification | Sch S2 | Lot | 2 |  |  | - |  |
| 8.4 | Mandatory spare parts for each Step-up transformer, as per specification | Sch S3 | Lot | 8 |  |  | - |  |
| 8.5 | Mandatory spare parts and tools for Package Substations, as per specification | SchS4 | Lot | 9 |  |  | - |  |
| 8.6 | Mandatory spare parts for 11 kV Cables as per specification | Sch S7 | Lot | 4 |  |  | - |  |
| **9** | **Fibre Optic Cables** |  |  |  |  |  |  |  |
| 9.1 | Fibre Optic Cables including any required spare parts and tools, as per specification |  | LS | 1 |  |  |  |  |
| **TOTAL Column 8 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
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| **Name of the Bidder / JV** |  |
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| **LOT 1 - Schedule No. 3: Design Services** | |
| **Instructions to bidders :**  **(i) Prices shall be quoted in accordance with ITB 18.4 (c)**  (ii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  (iii) Survey, Engineering and design shall include but not limited to scope specified in Section 6.  a Specify currency in accordance with ITB 19.1 of the BDS. | |

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| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
| **Local Currency Portion** | **Foreign Currency Portion** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| 1.0 | Site Survey (as specified in Section 6) and submission of survey information (one Lot for each Island) | Sec 6 | Lot | 5 |  |  | - | - |
| 2.0 | Design & Engineering Services (as specified in Section 6) and submission of design details, drawings, maps, equipment schedules and cost estimates (one Lot for each Island) | Sec 6 | Lot | 5 |  |  | - | - |
| **TOTAL Column 8 and 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
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| **Name of the Bidder / JV** |  |  |
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| **LOT 1 - Schedule No. 4 - Installation and Other Services** | |  |

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| **Instructions to bidders :**  (**i) Prices shall be quoted in accordance with ITB 18.4 (d)**  (ii) Item no C 5.0 - Provisional Sum : Maximum allocation given should be entered as unit price per Lot. Building modification works will be paid on actual basis based approved rates for civil works by FENAKA.  (iii) Any miscellaneous items not specifically mentioned in supply schedules but required for complete installation are deemed to be included in Bidders scope.  (iv) Rates shall include removal of existing equipment (if required) and handing over to Employer in the Island.  (v) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currency in accordance with ITB 19.1 of the BDS. |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Local Currency Portion** | **Foreign Currency Portion** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| **A** | **Installation of Equipment and Cables including Testing and Commissioning** |  |  |  |  |  |  |  |
| 1.0 | Extension of LVDB | Sch S1 | Nos | 5 |  |  | - | - |
| 2.0 | MVDB - 11 kV | Sch S2 | Nos | 2 |  |  | - | - |
| 3.0 | Step-Up Transformer | Sch S3 | Nos | 8 |  |  | - | - |
| 4.0 | Package Substations | Sch S4 | Nos | 9 |  |  | - | - |
| 5.0 | LV Distribution Box (Replacement & New) | Sch S5 | Nos | 10 |  |  | - | - |
| **6.0** | **LV Cables and accessories** | **Schedule S6** |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured | Installation in Trenches at P/House | m | 5725 |  |  | - | - |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured | Installation - Underground | m | 80 |  |  | - | - |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured | m | 25 |  |  | - | - |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 300 sqmm, Armoured | m | 330 |  |  | - | - |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 240 sqmm, Armoured | m | 400 |  |  | - | - |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured | m | 1690 |  |  | - | - |
| 6.07 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured | m | 660 |  |  | - | - |
| 6.08 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured | m | 1865 |  |  | - | - |
| 6.09 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured | m | 570 |  |  | - | - |
| 6.10 | Tinned copper cables lugs, crimp type (all cable sizes) |  | Nos | 682 |  |  | - | - |
| 6.11 | HS End Caps (all cable sizes) |  | Nos | 58 |  |  | - | - |
| **7.0** | **MV Cables and accessories** | **Schedule S7** |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured | Installation in Trenches at P/House | m | 750 |  |  | - | - |
| 7.02 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured | Installation - Underground | m | 3240 |  |  |  |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  | Nos | 14 |  |  | - | - |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  | Nos | 39 |  |  | - | - |
| 7.04 | Integration of LVDB and MVDB Panels with SCADA and PCMS / EMS systems in each Island | Sch S1 , S2 | Lot | 5 |  |  | - | - |
| **B** | **Other Services - Training** |  |  |  |  |  |  |  |
| 1.0 | Provision of training on installed microgrid components including LVDB, MVDB, Step-up Transformer & Package Substations as per specification (one Lot per each Island) | - | Lot | 5 |  |  | - | - |
| **C** | **Civil works including supply of civil construction materials** |  |  |  |  |  |  |  |
| 1.0 | Foundation for Step-up transformer as per OEM recommendations | Sch S3 | Nos | 8 |  |  | - | - |
| 2.0 | Elevated foundation (above established flood levels) as per OEM recommendations for Package Substations | Sch S4 | Nos | 9 |  |  | - | - |
| 3.0 | Elevated foundation (above established flood levels) as per OEM recommendations for New Dist Boxes | Sch S5 | Nos | 1 |  |  |  |  |
| 4.0 | Cable joint pits for 11 kV cables | Sch S7 | Nos | 14 |  |  | - | - |
| 5.0 | Provisional sum for Powerhouse building modifications to accommodate new / modified equipment (LVDB/MVDB), cable trenches etc. and demolition / dismantling works as required, to be paid on actuals as per approved rates. **(Maximum allocation US$ 4000 or equivalent per Lot (Island))** | - | Lot | 5 |  |  | - | - |
| **D** | **Fibre Optic Cables** |  |  |  |  |  |  |  |
| 1.0 | Installation and any other required service as per specification |  | LS | 1 |  |  | - | - |
| **TOTAL Column 8 and 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | | | |
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| **Name of the Bidder / JV :** |  |  |  |
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| **LOT 1 - Schedule No. 5: Grand Summary** | | | |
| Instructions to bidders : a Specify currency in accordance with ITB 19.1 of the BDS. b Taxes and/or duties from Schedules 1 and 2 may be added to the contract price in accordance with GCC 14 (Taxes and Duties) but excluded from bid evaluation in accordance with ITB 39.2. | | | |

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| **Schedule No.** | **Title** | **Total Price *a*** | |
| **Foreign** | **Local** |
| 1 | Plant and Mandatory Spare Parts Supplied from Abroad *b* |  |  |
| 2 | Plant and Mandatory Spare Parts Supplied from Within the Employer’s Country *b* |  |  |
| 3 | Design Services |  |  |
| 4 | Installation and Other Services |  |  |
| **Grand Total to be carried forward to Letter of Price Bid** | |  |  |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
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| **LOT 1 : Schedule No. 6: Recommended Spare Parts** | |
| **Instructions to bidders :** (i) Bidder to specify recommended spare parts for long term (upto 10 year) operation of specified equipment (for full quantity supplied in the Lot) . (ii) The price of recommended spare parts quoted in this Schedule shall not be considered for evaluation.  a Specify currency in accordance with ITB 19.1 of the BDS. | |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **EXW Local Parts Local Currency** | **CIP Imported Parts Foreign Currency** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| **1.0** | **Recommended Spare Parts for LVDBs** | **Sch S1** |  |  |  |  |  |  |
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| **2.0** | **Recommended Spare Parts for MVDBs** | **Sch S2** |  |  |  |  |  |  |
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| **3.0** | **Recommended Spare Parts for RMUs** | **Sch S2** |  |  |  |  |  |  |
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| **4.0** | **Recommended Spare Parts for Step-Up Transformers** | **Sch S3** |  |  |  |  |  |  |
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| **4.0** | **Recommended Spare Parts for PSS** | **Sch S4** |  |  |  |  |  |  |
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| **TOTAL .** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

**PRICE SCHEDULES - LOT 2**

D03 VELIDHOO ISLAND

E01 ALIFUSHI ISLAND (FPV)

E02 HULHUDHUFFARU ISLAND

F01 THULHAADHOO ISLAND

F03 DHARAVANDHOO ISLAND

|  |  |
| --- | --- |
| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
|  | |
| **Lot 2 - Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad** | |
| **Instructions to bidders:** **(i) Prices shall be quoted in accordance with ITB 18.4 (a)**  (ii) Prices for items supplied from abroad should be quoted in Schedule 1. Do not duplicate same in Schedule 2.  (iii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currencies in accordance with ITB 19.1 of the BDS. | |

| **Item** | **Description** | **Ref.  Schedule** | **Country of Origin** | **Unit** | **Quantity** | **Unit Price*a*** | | **Total Price*a*** | **Taxes and Duties** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Foreign Currency** | **CIP** | **Foreign Currency** | **Local Currency** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 = 6 x 8 | 10 |
| **A** | **Supply of Equipment and Materials** |  |  |  |  |  |  |  |  |
| **1.0** | **Extension of LVDB - Supply items** | **Sch S1** |  |  |  |  |  |  |  |
| 1.01 | D03 - LVDB - Velidhoo Island |  |  | Nos | 1 |  |  | - |  |
| 1.02 | E01 - LVDB - ALIFUSHI Island |  |  | Nos | 1 |  |  | - |  |
| 1.03 | E02-LVDB - Hulhudhuffaaru Island |  |  | Nos | 1 |  |  | - |  |
| 1.04 | F01-LVDB - Thulhaadhoo Island |  |  | Nos | 1 |  |  | - |  |
| 1.05 | F03-LVDB - Dharavandhoo Island |  |  | Nos | 1 |  |  | - |  |
| **2.0** | **MVDB and RMUs** | **Sch S2** |  |  |  |  |  |  |  |
| 2.1 | MVDB - 11 kV, 630 A, 25 KA, 02 Nos Incomer, 02 Nos Outgoing and Bus Coupler Panels as per schedules and specifications |  |  | Nos | 4 |  |  | **-** |  |
| **3.0** | **0.415/11 kV Step-Up Transformer** | **Sch S3** |  |  |  |  |  |  |  |
| 3.1 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, **2500 KVA** |  |  | Nos | 4 |  |  | - |  |
| 3.2 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, **2000 KVA** |  |  | Nos | 2 |  |  | - |  |
| **4.0** | **Package Substation** | **Sch S4** |  |  |  |  |  |  |  |
| 4.1 | Packaged Substation, **1250 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 1 |  |  | **-** |  |
| 4.2 | Packaged Substation, **1250 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU (4 Way) with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 1 |  |  |  |  |
| 4.3 | Packaged Substation, **1000 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 2 |  |  | **-** |  |
| 4.4 | Packaged Substation, **630 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 4 |  |  | **-** |  |
| **5.0** | **LV Distribution Box (Replacement)** | **Sch S5** |  |  |  |  |  |  |  |
| 5.1 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with **630 A** (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  |  | Nos | 3 |  |  | - |  |
| 5.2 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with **400 A** (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  |  | Nos | 9 |  |  | - |  |
| **6.0** | **LV Cables and accessories** | **Sch S6** |  |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured |  |  | m | 5075 |  |  | - |  |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured |  |  | m | 245 |  |  | - |  |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 300 sqmm, Armoured |  |  | m | 1755 |  |  | - |  |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 240 sqmm, Armoured |  |  | m | 50 |  |  | - |  |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured |  |  | m | 666 |  |  | - |  |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured |  |  | m | 145 |  |  | - |  |
| 6.07 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured |  |  | m | 790 |  |  | - |  |
| 6.08 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured |  |  | m | 1639 |  |  | - |  |
| 6.09 | Tinned copper cables lugs, crimp type (assorted sizes) |  |  | Nos | 618 |  |  | - |  |
| 6.10 | HS End Caps (all cable sizes) |  |  | Nos | 47 |  |  |  |  |
| **7.0** | **MV Cables and accessories** | **Sch 7** |  |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured |  |  | m | 5800 |  |  | - |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  |  | Nos | 10 |  |  | - |  |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  |  | Nos | 38 |  |  | - |  |
| **B** | **Mandatory Spare Parts and Tools (1 Lot for each unit supplied)** |  |  |  |  |  |  |  |  |
| 8.1 | Mandatory spare parts and tools for each LVDB, as per specification | Sch S1 |  | Lot | 5 |  |  | - |  |
| 8.2 | Mandatory spare parts and tools for each MVDB, as per specification | Sch S2 |  | Lot | 4 |  |  | - |  |
| 8.4 | Mandatory spare parts for for each Step-up transformer, as per specification | Sch S4 |  | Lot | 6 |  |  | - |  |
| 8.5 | Mandatory spare parts and tools for Package Substations, as per specification | Sch S5 |  | Lot | 8 |  |  | - |  |
| 8.6 | Mandatory spare parts for 11 kV Cables as per specification | Sch S7 |  | Lot | 4 |  |  |  |  |
| **9** | **Fibre Optic Cables** |  |  |  |  |  |  |  |  |
| 9.1 | Fibre Optic Cables including any required spare parts and tools, as per specification |  |  | LS | 1 |  |  | - |  |
| **TOTAL Column 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | |  |  |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
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| **LOT 2 - Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer’s Country** | |
| **Instructions to bidders :** **(i) Prices shall be quoted in accordance with ITB 18.4 (b)**  (ii) Prices for items supplied locally should be quoted in Schedule 2. Do not duplicate same in Schedule 1.  (iii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currency in accordance with ITB 19.1 of the BDS.  b  Column 7 EXW Price shall include all customs duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item or the customs duties and sales and other taxes already paid on previously imported items. | |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Price** | | **Total EXW Pricea** | **Sales and other Taxes** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Local Currency** | **EXW Priceb** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 7 | 9 |
| **A** | **Supply of Equipment and Materials** |  |  |  |  |  |  |  |
| **1.0** | **Extension of LVDB - Supply items** | **Sch S1** |  |  |  |  | **-** |  |
| 1.01 | D03 - LVDB - Velidhoo Island |  | Nos | 1 |  |  | - |  |
| 1.02 | E01 - LVDB - ALIFUSHI Island |  | Nos | 1 |  |  | - |  |
| 1.03 | E02-LVDB - Hulhudhuffaaru Island |  | Nos | 1 |  |  | - |  |
| 1.04 | F01-LVDB - Thulhaadhoo Island |  | Nos | 1 |  |  | - |  |
| 1.05 | F03-LVDB - Dharavandhoo Island |  | Nos | 1 |  |  | - |  |
| **2.0** | **MVDB and RMUs** | **Sch S2** |  |  |  |  |  |  |
| 2.01 | MVDB - 11 kV, 630 A, 25 KA, 02 Nos Incomer, 02 Nos Outgoing and Bus Coupler Panels as per schedules and specifications |  | Nos | 4 |  |  | - |  |
| **3.0** | **0.415/11 kV Step-Up Transformer** | **Sch S3** |  |  |  |  |  |  |
| 3.1 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, 2500 KVA |  | Nos | 4 |  |  | - |  |
| 3.2 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, 2000 KVA |  | Nos | 2 |  |  | - |  |
| **4.0** | **Package Substation** | **Sch S4** |  |  |  |  |  |  |
| 4.1 | Packaged Substation, 1250 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 1 |  |  | - |  |
| 4.2 | Packaged Substation, 1250 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU (4 Way) with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 1 |  |  |  |  |
| 4.3 | Packaged Substation, 1000 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 2 |  |  | - |  |
| 4.4 | Packaged Substation, 630 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 4 |  |  | - |  |
| **5.0** | **LV Distribution Box (Replacement)** | **Sch S5** | **Nos** |  |  |  |  |  |
| 5.1 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with 630 A (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  | Nos | 3 |  |  | - |  |
| 5.2 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with 400 A (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  | Nos | 9 |  |  | - |  |
| **6.0** | **LV Cables and accessories** | **Sch S6** |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured |  | m | 5075 |  |  | - |  |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured |  | m | 245 |  |  | - |  |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 300 sqmm, Armoured |  | m | 1755 |  |  | - |  |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 240 sqmm, Armoured |  | m | 50 |  |  | - |  |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured |  | m | 666 |  |  | - |  |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured |  | m | 145 |  |  | - |  |
| 6.07 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured |  | m | 790 |  |  | - |  |
| 6.08 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured |  | m | 1639 |  |  | - |  |
| 6.09 | Tinned copper cables lugs, crimp type (all cable sizes) |  | Nos | 618 |  |  | - |  |
| 6.10 | HS End Caps (all cable sizes) |  | Nos | 47 |  |  | - |  |
| **7.0** | **MV Cables and accessories** | **Sch S7** |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured |  | m | 5800 |  |  | - |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  | Nos | 10 |  |  | - |  |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  | Nos | 38 |  |  | - |  |
| **B** | **Mandatory Spare Parts and Tools (1 Lot for each unit supplied)** |  |  |  |  |  |  |  |
| 8.1 | Mandatory spare parts and tools for each LVDB, as per specification | Sch S1 | Lot | 5 |  |  | - |  |
| 8.2 | Mandatory spare parts and tools for each MVDB, as per specification | Sch S2 | Lot | 4 |  |  | - |  |
| 8.3 | Mandatory spare parts for each Step-up transformer, as per specification | Sch S3 | Lot | 6 |  |  | - |  |
| 8.4 | Mandatory spare parts and tools for Package Substations, as per specification | SchS4 | Lot | 8 |  |  | - |  |
| 8.5 | Mandatory spare parts for 11 kV Cables as per specification | Sch S7 | Lot | 4 |  |  | - |  |
| **9** | **Fibre Optic Cables** |  |  |  |  |  |  |  |
| 9.1 | Fibre Optic Cables including any required spare parts and tools, as per specification |  | LS | 1 |  |  | - |  |
| **TOTAL Column 8 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
|  | |
| **LOT 2 - Schedule No. 3: Design Services** | |
| **Instructions to bidders :**  **(i) Prices shall be quoted in accordance with ITB 18.4 (c)**  (ii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  (iii) Survey, Engineering and design shall include but not limited to scope specified in Section 6.  a Specify currency in accordance with ITB 19.1 of the BDS. | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
| **Local Currency Portion** | **Foreign Currency Portion** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| 1.0 | Site Survey (as specified in Section 6) and submission of survey information (one Lot for each Island) | Sec 6 | Lot | 5 |  |  | - | - |
| 2.0 | Design & Engineering Services (as specified in Section 6) and submission of design details, drawings, maps, equipment schedules and cost estimates (one Lot for each Island) | Sec 6 | Lot | 5 |  |  | - | - |
| **TOTAL Column 8 and 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|  |
| **Name of the Bidder / JV** |  |  |
|  | |  |
| **LOT 2 - Schedule No. 4 - Installation and Other Services** | |  |

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| **Instructions to bidders :**  (i) Prices shall be quoted in accordance with ITB 18.4 (d)  (ii) Item no C 5.0 - Provisional Sum : Maximum allocation given should be entered as unit price per Lot. Building modification works will be paid on actual basis based on approved rates for civil works by FENAKA.  (iii) Any miscellaneous items not specifically mentioned in supply schedules but required for complete installation are deemed to be included in Bidders scope.  (iv) Rates shall include removal of existing equipment (if required) and handing over to Employer in the Island.  (v) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currency in accordance with ITB 19.1 of the BDS. |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Local Currency Portion** | **Foreign Currency Portion** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| **A** | **Installation of Equipment and Cables including Testing and Commissioning** |  |  |  |  |  |  |  |
| 1.0 | Extension of LVDB | Sch S1 | Nos | 5 |  |  | - | - |
| 2.0 | MVDB - 11 kV | Sch S2 | Nos | 4 |  |  | - | - |
| 3.0 | Step-Up Transformer | Sch S3 | Nos | 8 |  |  | - | - |
| 4.0 | Package Substations | Sch S4 | Nos | 8 |  |  | - | - |
| 5.0 | LV Distribution Box (Replacement & New) | Sch S5 | Nos | 12 |  |  | - | - |
| **6.0** | **LV Cables and accessories** | **Schedule S6** |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured | Installation in Trenches at P/House | m | 5075 |  |  | - | - |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured | m | 0 |  |  |  |  |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured | Installation - Underground | m | 0 |  |  | - | - |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured | m | 245 |  |  | - | - |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 300 sqmm, Armoured | m | 1755 |  |  | - | - |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 240 sqmm, Armoured | m | 50 |  |  | - | - |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured | m | 666 |  |  | - | - |
| 6.07 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured | m | 145 |  |  | - | - |
| 6.08 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured | m | 790 |  |  | - | - |
| 6.09 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured | m | 1639 |  |  | - | - |
| 6.10 | Tinned copper cables lugs, crimp type (all cable sizes) |  | Nos | 618 |  |  | - | - |
| 6.11 | HS End Caps (all cable sizes) |  | Nos | 47 |  |  | - | - |
| **7.0** | **MV Cables and accessories** | **Schedule S7** |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured | Installation in Trenches at P/House | m | 750 |  |  | - | - |
| 7.02 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured | Installation - Underground | m | 5050 |  |  |  |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  | Nos | 10 |  |  | - | - |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  | Nos | 38 |  |  | - | - |
| 8.0 | Integration of LVDB and MVDB Panels with SCADA and PCMS / EMS systems in each Island | Sch S1 , S2 | Lot | 5 |  |  | - | - |
| **B** | **Other Services - Training** |  |  |  |  |  |  |  |
| 9.0 | Provision of training on installed microgrid components including LVDB, MVDB, Step-up Transformer & Package Substations as per specification (one Lot per each Island) | - | Lot | 5 |  |  | - | - |
| **C** | **Civil works including supply of civil construction materials** |  |  |  |  |  |  |  |
| 1.0 | Foundation for Step-up transformer as per OEM recommendations | Sch S3 | Nos | 6 |  |  | - | - |
| 2.0 | Elevated foundation (above established flood levels) as per OEM recommendations for Package Substations | Sch S4 | Nos | 8 |  |  | - | - |
| 3.0 | Elevated foundation (above established flood levels) as per OEM recommendations for New Dist Boxes | Sch S5 | Nos | 2 |  |  |  |  |
| 4.0 | Cable joint pits for 11 kV cables | Sch S7 | Nos | 10 |  |  | - | - |
| 5.0 | Provisional sum for Powerhouse building modifications to accommodate new / modified equipment (LVDB/MVDB), cable trenches etc. and demolition / dismantling works as required, to be paid on actuals as per approved rates. (Maximum allocation US$ 4000 or equivalent per Lot (Island)) | - | Lot | 5 |  |  | - | - |
| **D** | **Fibre Optic Cables** |  |  |  |  |  |  |  |
| 1.0 | Installation and any other required service as per specification |  | LS | 1 |  |  | - | - |
| **TOTAL Column 8 and 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | | | |
|
| **Name of the Bidder / JV :** |  |  |  |
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| **LOT 2 - Schedule No. 5: Grand Summary** | | | |
| Instructions to bidders : a Specify currency in accordance with ITB 19.1 of the BDS. b Taxes and/or duties from Schedules 1 and 2 may be added to the contract price in accordance with GCC 14 (Taxes and Duties) but excluded from bid evaluation in accordance with ITB 39.2. | | | |

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| **Schedule No.** | **Title** | **Total Price *a*** | |
| **Foreign** | **Local** |
| 1 | Plant and Mandatory Spare Parts Supplied from Abroad *b* |  |  |
| 2 | Plant and Mandatory Spare Parts Supplied from Within the Employer’s Country *b* |  |  |
| 3 | Design Services |  |  |
| 4 | Installation and Other Services |  |  |
| **Grand Total to be carried forward to Letter of Price Bid** | |  |  |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
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| **LOT 2 : Schedule No. 6: Recommended Spare Parts** | |
| **Instructions to bidders :** (i) Bidder to specify recommended spare parts for long term (upto 10 year) operation of specified equipment (for full quantity supplied in the Lot) . (ii) The price of recommended spare parts quoted in this Schedule shall not be considered for evaluation.  a Specify currency in accordance with ITB 19.1 of the BDS. | |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
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| **EXW Local Parts Local Currency** | **CIP Imported Parts Foreign Currency** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| **1.0** | **Recommended Spare Parts for LVDBs** | **Sch S1** |  |  |  |  |  |  |
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| **2.0** | **Recommended Spare Parts for MVDBs** | **Sch S2** |  |  |  |  |  |  |
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| **3.0** | **Recommended Spare Parts for RMUs** | **Sch S2** |  |  |  |  |  |  |
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| **4.0** | **Recommended Spare Parts for Step-Up Transformers** | **Sch S3** |  |  |  |  |  |  |
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| **4.0** | **Recommended Spare Parts for PSS** | **Sch S4** |  |  |  |  |  |  |
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| **TOTAL .** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

**PRICE SCHEDULES - LOT 3**

K01 RAIYMANDHOO ISLAND

K02 MULAH ISLAND

K03 VEYVAH ISLAND

K05 MULI ISLAND ISLAND

L02 NILANDHOO ISLAND

N02 THIMARAFUSHI ISLAND

N04 GURAIDHOO ISLAND

P02 MAAMENDHOO ISLAND

Q04 FARESMAATHODA ISLAND

Q05 GADHDHOO ISLAND

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
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| **Lot 3 - Schedule No. 1: Plant and Mandatory Spare Parts Supplied from Abroad** | |
| **Instructions to bidders:** **(i) Prices shall be quoted in accordance with ITB 18.4 (a)**  (ii) Prices for items supplied from abroad should be quoted in Schedule 1. Do not duplicate same in Schedule 2.  (iii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currencies in accordance with ITB 19.1 of the BDS. | |

| **Item** | **Description** | **Ref.  Schedule** | **Country of Origin** | **Unit** | **Quantity** | **Unit Price*a*** | | **Total Price*a*** | **Taxes and Duties** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Foreign Currency** | **CIP** | **Foreign Currency** | **Local Currency** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 = 6 x 8 | 10 |
| **A** | **Supply of Equipment and Materials** |  |  |  |  |  |  |  |  |
| **1.0** | **Extension of LVDB - Supply items** | **Sch S1** |  |  |  |  |  |  |  |
| 1.01 | K01-LVDB - RAIYMANDHOO Island |  |  | Nos | 1 |  |  | - |  |
| 1.02 | K02-LVDB - MULAH Island |  |  | Nos | 1 |  |  | - |  |
| 1.03 | K03-LVDB - VEYVAH Island |  |  | Nos | 1 |  |  | - |  |
| 1.04 | K05-LVDB - MULI Island |  |  | Nos | 1 |  |  | - |  |
| 1.05 | L02-LVDB - NILANDHOO Island |  |  | Nos | 1 |  |  | - |  |
| 1.06 | N02-LVDB - THIMARAFUSHI Island |  |  | Nos | 1 |  |  | - |  |
| 1.07 | N04-LVDB - Guraidhoo Island |  |  | Nos | 1 |  |  | - |  |
| 1.08 | P02-LVDB - MAAMENDHOO Island |  |  | Nos | 1 |  |  | - |  |
| 1.09 | Q04 - LVDB - FARESMAATHODA Island |  |  | Nos | 1 |  |  | - |  |
| 1.10 | Q05-LVDB - GADHDHOO Island |  |  | Nos | 1 |  |  | - |  |
| **2.0** | **MVDB and RMUs** | **Sch S2** |  |  |  |  |  |  |  |
| 2.1 | MVDB - 11 kV, 630 A, 25 KA, 02 Nos Incomer, 02 Nos Outgoing and Bus Coupler Panels as per schedules and specifications |  |  | Nos | 6 |  |  | **-** |  |
| 2.2 | Outdoor Type Two way Ring Main Unit , 12 kV, 21 kA LBS : 1x 630 A , VCB : 1x 200 A VCB, with Earth switches |  |  | Nos | 3 |  |  | **-** |  |
| 2.3 | Outdoor Type Three way Ring Main Unit , 12 kV, 21 kA LBS : 2x 630 A , VCB : 1x 200 A VCB, with Earth switches |  |  | Nos | 2 |  |  | **-** |  |
| **3.0** | **0.415/11 kV Step-Up Transformer** | **Sch S3** |  |  |  |  |  |  |  |
| 3.1 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, **2500 KVA** |  |  | Nos | 2 |  |  | - |  |
| 3.2 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, **2000 KVA** |  |  | Nos | 5 |  |  | - |  |
| 3.3 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, **1500 KVA** |  |  | Nos | 1 |  |  | - |  |
| 3.4 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, **400 KVA** |  |  | Nos | 2 |  |  | - |  |
| **4.0** | **Package Substation** | **Sch S4** |  |  |  |  |  |  |  |
| 4.1 | Packaged Substation, **1500 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU (4 Way) with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 1 |  |  | **-** |  |
| 4.2 | Packaged Substation, **1250 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 2 |  |  | **-** |  |
| 4.3 | Packaged Substation, **1250 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU (4Way) with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 1 |  |  | **-** |  |
| 4.4 | Packaged Substation, **630 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 4 |  |  | **-** |  |
| 4.5 | Packaged Substation, **250 KVA** with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  |  | Nos | 1 |  |  | **-** |  |
| **5.0** | **LV Distribution Box (Replacement)** | **Sch S5** |  |  |  |  |  |  |  |
| 5.1 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with **630 A** (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  |  | Nos | 2 |  |  | - |  |
| 5.2 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with **400 A** (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  |  | Nos | 2 |  |  | - |  |
| **6.0** | **LV Cables and accessories** | **Sch S6** |  |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured |  |  | m | 5155 |  |  | - |  |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured |  |  | m | 600 |  |  | - |  |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured |  |  | m | 210 |  |  | - |  |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured |  |  | m | 353 |  |  | - |  |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured |  |  | m | 1394 |  |  | - |  |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured |  |  | m | 45 |  |  | - |  |
| 6.07 | Tinned copper cables lugs, crimp type (assorted sizes) |  |  | Nos | 618 |  |  | - |  |
| 6.08 | HS End Caps (all cable sizes) |  |  | Nos | 23 |  |  |  |  |
| **7.0** | **MV Cables and accessories** | **Sch S7** |  |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured |  |  | m | 5375 |  |  | - |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  |  | Nos | 5 |  |  | - |  |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  |  | Nos | 48 |  |  | - |  |
| **B** | **Mandatory Spare Parts and Tools (1 Lot for each unit supplied)** |  |  |  |  |  |  |  |  |
| 8.1 | Mandatory spare parts and tools for each LVDB, as per specification | Sch S1 |  | Lot | 10 |  |  | - |  |
| 8.2 | Mandatory spare parts and tools for each MVDB, as per specification | Sch S2 |  | Lot | 6 |  |  | - |  |
| 8.3 | Mandatory spare parts and tools for each RMU, as per specification | Sch S2 |  | Lot | 5 |  |  |  |  |
| 8.4 | Mandatory spare parts for each Step-up transformer, as per specification | Sch S3 |  | Lot | 10 |  |  | - |  |
| 8.5 | Mandatory spare parts and tools for Package Substations, as per specification | Sch S4 |  | Lot | 9 |  |  | - |  |
| 8.6 | Mandatory spare parts for 11 kV Cables as per specification | Sch S7 |  | Lot | 8 |  |  |  |  |
| **9** | **Fibre Optic Cables** |  |  |  |  |  |  |  |  |
| 9.1 | Fibre Optic Cables including any required spare parts and tools, as per specification |  |  | LS | 1 |  |  | - |  |
| **TOTAL Column 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | |  |  |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
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| **LOT 3 - Schedule No. 2: Plant and Mandatory Spare Parts Supplied from Within the Employer’s Country** | |
| **Instructions to bidders :** **(i) Prices shall be quoted in accordance with ITB 18.4 (b)**  (ii) Prices for items supplied locally should be quoted in Schedule 2. Do not duplicate same in Schedule 1.  (iii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currency in accordance with ITB 19.1 of the BDS.  b  Column 7 EXW Price shall include all customs duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item or the customs duties and sales and other taxes already paid on previously imported items. | |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Price** | | **Total EXW Pricea** | **Sales and other Taxes** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Local Currency** | **EXW Priceb** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 7 | 9 |
| **A** | **Supply of Equipment and Materials** |  |  |  |  |  |  |  |
| **1.0** | **Extension of LVDB - Supply items** | **Sch S1** |  |  |  |  | **-** |  |
| 1.01 | K01-LVDB - RAIYMANDHOO Island |  | Nos | 1 |  |  | - |  |
| 1.02 | K02-LVDB - MULAH Island |  | Nos | 1 |  |  | - |  |
| 1.03 | K03-LVDB - VEYVAH Island |  | Nos | 1 |  |  | - |  |
| 1.04 | K05-LVDB - MULI Island |  | Nos | 1 |  |  | - |  |
| 1.05 | L02-LVDB - NILANDHOO Island |  | Nos | 1 |  |  | - |  |
| 1.06 | N02-LVDB - THIMARAFUSHI Island |  | Nos | 1 |  |  | - |  |
| 1.07 | N04-LVDB - Guraidhoo Island |  | Nos | 1 |  |  | - |  |
| 1.08 | P02-LVDB - MAAMENDHOO Island |  | Nos | 1 |  |  | - |  |
| 1.09 | Q04 - LVDB - FARESMAATHODA Island |  | Nos | 1 |  |  | - |  |
| 1.10 | Q05-LVDB - GADHDHOO Island |  | Nos | 1 |  |  | - |  |
| **2.0** | **MVDB and RMUs** | **Sch S2** |  |  |  |  |  |  |
| 2.10 | MVDB - 11 kV, 630 A, 25 KA, 02 Nos Incomer, 02 Nos Outgoing and Bus Coupler Panels as per schedules and specifications |  | Nos | 6 |  |  | - |  |
| 2.20 | Outdoor Type Two way Ring Main Unit , 12 kV, 21 kA LBS : 1x 630 A , VCB : 1x 200 A VCB, with Earth switches |  | Nos | 3 |  |  | - |  |
| 2.30 | Outdoor Type Three way Ring Main Unit , 12 kV, 21 kA LBS : 2x 630 A , VCB : 1x 200 A VCB, with Earth switches |  | Nos | 2 |  |  | - |  |
| **3.0** | **0.415/11 kV Step-Up Transformer** | **Sch S3** |  |  |  |  |  |  |
| 3.1 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, 2500 KVA |  | Nos | 2 |  |  | - |  |
| 3.2 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, 2000 KVA |  | Nos | 5 |  |  | - |  |
| 3.3 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, 1500 KVA |  | Nos | 1 |  |  | - |  |
| 3.4 | 0.415 / 11 kV Step-up Transformer, oil immersed, conservator or hermetically sealed type, 400 KVA |  | Nos | 2 |  |  | - |  |
| **4.0** | **Package Substation** | **Sch S4** |  |  |  |  |  |  |
| 4.1 | Packaged Substation, 1500 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU (4 Way) with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 1 |  |  | - |  |
| 4.2 | Packaged Substation, 1250 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 2 |  |  | - |  |
| 4.3 | Packaged Substation, 1250 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU (4Way) with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 1 |  |  | - |  |
| 4.4 | Packaged Substation, 630 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 4 |  |  | - |  |
| 4.5 | Packaged Substation, 250 KVA with 11/0.415 kV Dry Type Transformer,11 kV RMU with 01 No Fault Passage Indicator and LV Switchgear Panel as per schedules |  | Nos | 1 |  |  | - |  |
| **5.0** | **LV Distribution Box (Replacement)** | **Sch S5** | **Nos** |  |  |  |  |  |
| 5.1 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with 630 A (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  | Nos | 2 |  |  | - |  |
| 5.2 | Outdoor Type 0.415 kV Distribution Box (Feeder Pillar Panel) with 400 A (MCCB) incomer and outgoing MCCBs/ MCBs as per schedules |  | Nos | 2 |  |  | - |  |
| **6.0** | **LV Cables and accessories** | **Sch S6** |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured |  | m | 5155 |  |  | - |  |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured |  | m | 600 |  |  | - |  |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured |  | m | 210 |  |  | - |  |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured |  | m | 353 |  |  | - |  |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured |  | m | 1394 |  |  | - |  |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured |  | m | 45 |  |  | - |  |
| 6.07 | Tinned copper cables lugs, crimp type (all cable sizes) |  | Nos | 618 |  |  | - |  |
| 6.08 | HS End Caps (all cable sizes) |  | Nos | 23 |  |  | - |  |
| **7.0** | **MV Cables and accessories** | **Sch S7** |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured |  | m | 5375 |  |  | - |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  | Nos | 5 |  |  | - |  |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  | Nos | 48 |  |  | - |  |
| **B** | **Mandatory Spare Parts and Tools (1 Lot for each unit supplied)** |  |  |  |  |  |  |  |
| 8.1 | Mandatory spare parts and tools for each LVDB, as per specification | Sch S1 | Lot | 10 |  |  | - |  |
| 8.2 | Mandatory spare parts and tools for each MVDB, as per specification | Sch S2 | Lot | 6 |  |  | - |  |
| 8.3 | Mandatory spare parts and tools for each RMU, as per specification | Sch S2 | Lot | 5 |  |  |  |  |
| 8.4 | Mandatory spare parts for each Step-up transformer, as per specification | Sch S3 | Lot | 10 |  |  | - |  |
| 8.5 | Mandatory spare parts and tools for Package Substations, as per specification | SchS4 | Lot | 9 |  |  | - |  |
| 8.6 | Mandatory spare parts for 11 kV Cables as per specification | Sch S7 | Lot | 8 |  |  | - |  |
| **9** | **Fibre Optic Cables** |  |  |  |  |  |  |  |
| 9.1 | Fibre Optic Cables including any required spare parts and tools, as per specification |  | LS | 1 |  |  | - |  |
| **TOTAL Column 8 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
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| **LOT 3 - Schedule No. 3: Design Services** | |
| **Instructions to bidders :**  **(i) Prices shall be quoted in accordance with ITB 18.4 (c)**  (ii) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  (iii) Survey, Engineering and design shall include but not limited to scope specified in Section 6.  a Specify currency in accordance with ITB 19.1 of the BDS. | |

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| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
| **Local Currency Portion** | **Foreign Currency Portion** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| 1.0 | Site Survey (as specified in Section 6) and submission of survey information (one Lot for each Island) | Sec 6 | Lot | 10 |  |  | - | - |
| 2.0 | Design & Engineering Services (as specified in Section 6) and submission of design details, drawings, maps, equipment schedules and cost estimates (one Lot for each Island) | Sec 6 | Lot | 10 |  |  | - | - |
| **TOTAL Column 8 and 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|  |
| **Name of the Bidder / JV** |  |  |
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| **LOT 3 - Schedule No. 4 - Installation and Other Services** | |  |

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| **Instructions to bidders :**  (i) Prices shall be quoted in accordance with ITB 18.4 (d)  (ii) Item no C 5.0 - Provisional Sum : Maximum allocation given should be entered as unit price per Lot. Building modification works will be paid on actual basis based on approved rates for civil works by FENAKA.  (iii) Any miscellaneous items not specifically mentioned in supply schedules but required for complete installation are deemed to be included in Bidders scope.  (iv) Rates shall include removal of existing equipment (if required) and handing over to Employer in the Island.  (v) Refer to Volume II of the bid document for design diagrams, equipment schedules and technical specifications.  a Specify currency in accordance with ITB 19.1 of the BDS. |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
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| **Local Currency Portion** | **Foreign Currency Portion** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| **A** | **Installation of Equipment and Cables including Testing and Commissioning** |  |  |  |  |  |  |  |
| 1.0 | Extension of LVDB | Sch S1 | Nos | 10 |  |  | - | - |
| 2.1 | MVDB - 11 kV | Sch S2 | Nos | 6 |  |  | - | - |
| 2.2 | RMU - 11 kV | Sch S2 | Nos | 5 |  |  |  |  |
| 3.0 | Step-Up Transformer | Sch S3 | Nos | 10 |  |  | - | - |
| 4.0 | Package Substations | Sch S4 | Nos | 9 |  |  | - | - |
| 5.0 | LV Distribution Box (Replacement & New) | Sch S5 | Nos | 4 |  |  | - | - |
| **6.0** | **LV Cables and accessories** | **Schedule S6** |  |  |  |  |  |  |
| 6.01 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured | Installation in Trenches at P/House | m | 5075 |  |  | - | - |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 4Cx 400sqmm, Armoured | m | 600 |  |  |  |  |
| 6.02 | 0.6/1 kV Cu/XLPE/PVC 1Cx 630 sqmm, Armoured | Installation - Underground | m | 80 |  |  | - | - |
| 6.03 | 0.6/1 kV Cu/XLPE/PVC 4Cx 185sqmm, Armoured | m | 210 |  |  | - | - |
| 6.04 | 0.6/1 kV Cu/XLPE/PVC 4Cx 120 sqmm, Armoured | m | 353 |  |  | - | - |
| 6.05 | 0.6/1 kV Cu/XLPE/PVC 4Cx 95 sqmm, Armoured | Installation - Underground | m | 1394 |  |  | - | - |
| 6.06 | 0.6/1 kV Cu/XLPE/PVC 4Cx 50 sqmm, Armoured | m | 45 |  |  | - | - |
| 6.07 | Tinned copper cables lugs, crimp type (all cable sizes) |  | Nos | 618 |  |  | - | - |
| 6.08 | HS End Caps (all cable sizes) |  | Nos | 23 |  |  | - | - |
| **7.0** | **MV Cables and accessories** | **Schedule S7** |  |  |  |  |  |  |
| 7.01 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured | Installation in Trenches at P/House | m | 750 |  |  | - | - |
| 7.02 | 6.35/11 (12) kV Cu/XLPE/PVC 3C x 70 sqmm, Armoured | Installation - Underground | m | 4625 |  |  |  |  |
| 7.02 | Straight through jointing kit for 11kV, 3 core, armoured cable - 70 sqmm, heat-shrink type including all accessories & lugs |  | Nos | 5 |  |  | - | - |
| 7.03 | Termination kit for 11kV, 3 core, armoured cable - 70 sqmm, indoor / heat-shrinkable type including screen and armour earth kits, all accessories and lugs. |  | Nos | 48 |  |  | - | - |
| 8.0 | Integration of LVDB and MVDB Panels with SCADA and PCMS / EMS systems in each Island | Sch S1 , S2 | Lot | 10 |  |  | - | - |
| **B** | **Other Services - Training** |  |  |  |  |  |  |  |
| 9.0 | Provision of training on installed microgrid components including LVDB, MVDB, Step-up Transformer & Package Substations as per specification (one Lot per each Island) | - | Lot | 10 |  |  | - | - |
| **C** | **Civil works including supply of civil construction materials** |  |  |  |  |  |  |  |
| 1.0 | Foundation for Step-up transformer as per OEM recommendations | Sch S3 | Nos | 10 |  |  | - | - |
| 2.0 | Elevated foundation (above established flood levels) as per OEM recommendations for Package Substations | Sch S4 | Nos | 9 |  |  | - | - |
|  | Elevated foundation (above established flood levels) as per OEM recommendations for New Dist Boxes | Sch S5 | Nos | 0 |  |  |  |  |
| 3.0 | Cable joint pits for 11 kV cables | Sch S7 | Nos | 5 |  |  | - | - |
| 4.0 | Provisional sum for Power House building modifications to accommodate new / modified equipment (LVDB/MVDB), cable trenches etc. and demolition / dismantling works as required, to be paid on actuals as per approved rates. (Maximum allocation US$ 4000 or equivalent per Lot (Island)) | - | Lot | 10 |  |  | - | - |
| **D** | **Fibre Optic Cables** |  |  |  |  |  |  |  |
| 1.0 | Installation and any other required service as per specification |  | LS | 1 |  |  | - | - |
| **TOTAL Column 8 and 9 to be carried forward to Schedule No. 5: Grand Summary** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** | |  | | |
| **Assure Project - Microgrid Modifications and Expansions** | | | | | |
|
| **Name of the Bidder / JV :** | |  | |  |  |
|  | | | | | |
| **LOT 3 - Schedule No. 5: Grand Summary** | | | | | |
| Instructions to bidders : a Specify currency in accordance with ITB 19.1 of the BDS. b Taxes and/or duties from Schedules 1 and 2 may be added to the contract price in accordance with GCC 14 (Taxes and Duties) but excluded from bid evaluation in accordance with ITB 39.2. | | | | | |

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| **Schedule No.** | **Title** | **Total Price *a*** | |
| **Foreign** | **Local** |
| 1 | Plant and Mandatory Spare Parts Supplied from Abroad *b* |  |  |
| 2 | Plant and Mandatory Spare Parts Supplied from Within the Employer’s Country *b* |  |  |
| 3 | Design Services |  |  |
| 4 | Installation and Other Services |  |  |
| **Grand Total to be carried forward to Letter of Price Bid** | |  |  |

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| **Authorized Signature, Date and Official Stamp** |  |

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| **Assure Project - Microgrid Modifications and Expansions** | |
|
| **Name of the Bidder / JV** |  |
|  | |
| **LOT 3 : Schedule No. 6: Recommended Spare Parts** | |
| **Instructions to bidders :** (i) Bidder to specify recommended spare parts for long term (upto 10 year) operation of specified equipment (for full quantity supplied in the Lot) . (ii) The price of recommended spare parts quoted in this Schedule shall not be considered for evaluation.  a Specify currency in accordance with ITB 19.1 of the BDS. | |

| **Item** | **Description** | **Ref.  Schedule** | **Unit** | **Quantity** | **Unit Pricea** | | **Total Pricea** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **EXW Local Parts Local Currency** | **CIP Imported Parts Foreign Currency** | **Local Currency Portion** | **Foreign Currency Portion** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 = 5 x 6 | 9=5 x 7 |
| **1.0** | **Recommended Spare Parts for LVDBs** | **Sch S1** |  |  |  |  |  |  |
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| **2.0** | **Recommended Spare Parts for MVDBs** | **Sch S2** |  |  |  |  |  |  |
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| **3.0** | **Recommended Spare Parts for RMUs** | **Sch S2** |  |  |  |  |  |  |
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| **4.0** | **Recommended Spare Parts for Step-Up Transformers** | **Sch S3** |  |  |  |  |  |  |
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| **4.0** | **Recommended Spare Parts for PSS** | **Sch S4** |  |  |  |  |  |  |
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| **TOTAL .** | | | | | | | 0 | 0 |

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| **Authorized Signature, Date and Official Stamp** |  |

Tables of Adjustment Data

Not applicable