## **Appendix 5B**

## **Price Schedule (Fixed-Rate Cost for the LTA)**

## **RFPS-NYH-2021-** **503380**

## **Long Term Arrangement for Procurement of Goods, Works and Services for the Installation, Commissioning, and Operation of Grid-Connected Solar PV Systems at UNICEF Facilities**

## **LOT 2: Other Solar PV Alternative Financial Options for Middle East and North Africa Region**

The service provider is required to prepare the Price Schedules in a document separately from the rest of the proposal and submitted both in a PDF file format as well as Word or Excel document format to ease UNICEF in the evaluation process. The price schedules for each LOT must be submitted separately, as the evaluation for each LOT would be completed separately against the requirements of the specific LOT as indicated in the Terms of Reference.

The following tables must be completed by the service provider, which must include all costs following all requirements of previous sections of this TOR document.

Tables A5.1 to A5.4 Individual items for works and services

Table A5.5 Summarizes all ex-works prices provided in Tables 1 to 4

Table A5.6 Summarizes all FOB prices provided in Tables 1 to 4

Tables A5.7 to A5.10 Additional individual items required for works and services

UNICEF will not provide a minimum guaranteed ceiling for the LTA. The tables shown below are suggested for use as a guide in preparing the price proposal.

**The rates will be used later during the LTA implementation as a basis to create and calculate the costs to undertake specific assignments based on a specific Terms of References. Rates should be fixed for the initial 3 years period of the LTA as proposed by the service provider during the RFPS stage where subsequent extension would be reviewed by UNICEF and subject to UNICEF approval**. In case of reduction in the market price, the discounts shall be passed on to UNICEF.

**COST OF INDIVIDUAL ITEMS FOR WORKS AND SERVICES (TO BE FILLED BY THE SERVICE PROVIDER)**

**Table A5.1: Components of the Solar PV System: PV MODULES**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Item: 1**  **Range Solar PV Capacity**  **[kWp]** | **Item: 2**  **Solar PV Module\***  **[Wp]** | **Item: 3**  **Cost Year 1**  **Ex-Works**  **[1kWp-DC]**  **[USD]** | **Item: 4**  **Cost Year 1**  **FOB-Sea-Port**  **[1kWp-DC]**  **[USD]** | **Item: 5**  **Product Description/ Model** | **Item 6:**  **% Cost Change in Year 2**  **(if any)** | **Item 7:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 0- 100 |  |  |  |  |  |  |
| 2 | 101- 200 |  |  |  |  |  |  |
| 3 | 201- 300 |  |  |  |  |  |  |
| 4 | 301- 400 |  |  |  |  |  |  |
| 5 | 401- 500 |  |  |  |  |  |  |
| 6 | 501- 600 |  |  |  |  |  |  |
| 7 | 601- 700 |  |  |  |  |  |  |
| 8 | 701- 800 |  |  |  |  |  |  |
| 9 | 801- 900 |  |  |  |  |  |  |
| 10 | 901- 1,000 |  |  |  |  |  |  |
| 11 | 1,001- 1,250 |  |  |  |  |  |  |
| 12 | 1,251- 1,500 |  |  |  |  |  |  |
| 13 | 1,501- 2,000 |  |  |  |  |  |  |
| 14 | 2,001- 2,500 |  |  |  |  |  |  |
| 15 | 2,501- 3,000 |  |  |  |  |  |  |

**(\*): The SERVICE PROVIDER will choose which PV module capacity is offering**

**Explanatory Note to Table A5.1:** The UNICEF project has a pipeline of initially selected solar PV systems, and more may come in the near future. UNICEF cannot warrant any minimum quantity of services shall be purchased during the term of the arrangement and is not bound to purchase any minimum amount of services. UNICEF reserves the right to utilize other sources at its discretion.

DIFFERENT PARAMETERS WILL APPLY FOR LOCAL AND IMPORTED ITEMS

Item No. 1: Different ranges of quantities for quotation of capacity of solar PV modules.

Item No. 2: The 1st proposed referential capacity to quote is 400 Wp (suggested only, not mandatory).

Item No. 2: As alternative, the SERVICE PROVIDER is free to propose any other PV power below, equal or above 400 Wp.

Item No. 3: The ex-factory-cost (for Year 1 of the LTA period) of each unit of 1kWp solar PV module capacity in USD, quantity-based.

Item No. 4: The FOB-cost at sea-port of dispatch (for Year 1 of the LTA period) of each unit of 1kWp solar PV module capacity in USD, based on the quantity.

Item No. 5: SERVICE PROVIDER to provide the product description/ model of the PV modules quoted.

Item No. 6: Percentage of cost change in Year 2 in comparison to Year 1 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 3 and 4.

Item No. 7: Percentage of cost change in Year 3 in comparison to Year 2 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 3 and 4.

**Freight (INCOTERMS):**

International freight: The transportation and insurance costs between sea-port of deliver to sea-port of arrival will be quoted during the LTA implementation at the time of the mini competition, depending on the location of the agreed sites.

National freight: The transportation and insurance costs between sea-port of arrival and project site will be quoted during the LTA implementation at the time of the mini competition, depending on the location of the agreed sites.

**Table A5.2.1: Components of the Solar PV System: 25 kW-AC-INVERTERS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Item: 1**  **Range Solar Inverter Capacity**  **[kW-AC]** | **Item: 2**  **Solar Inverter Capacity**  **[kW-AC]** | **Item: 3**  **Cost Year 1 Ex-Works**  **[1kWp-AC]**  **[USD]** | **Item: 4**  **Cost Year 1 FOB-Sea-Port**  **[1kWp-AC]**  **[USD]** | **Item: 5**  **Product Description/ Model** | **Item 6:**  **% Cost Change in Year 2**  **(if any)** | **Item 7:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 0- 100 | 25 |  |  |  |  |  |
| 2 | 101- 200 | 25 |  |  |  |  |  |
| 3 | 201- 300 | 25 |  |  |  |  |  |
| 4 | 301- 400 | 25 |  |  |  |  |  |
| 5 | 401- 500 | 25 |  |  |  |  |  |
| 6 | 501- 600 | 25 |  |  |  |  |  |
| 7 | 601- 700 | 25 |  |  |  |  |  |
| 8 | 701- 800 | 25 |  |  |  |  |  |
| 9 | 801- 900 | 25 |  |  |  |  |  |
| 10 | 901- 1,000 | 25 |  |  |  |  |  |
| 11 | 1,001- 1,250 | 25 |  |  |  |  |  |
| 12 | 1,251- 1,500 | 25 |  |  |  |  |  |
| 13 | 1,501- 2,000 | 25 |  |  |  |  |  |
| 14 | 2,001- 2,500 | 25 |  |  |  |  |  |
| 15 | 2,501- 3,000 | 25 |  |  |  |  |  |

**Table A5.2.2: Components of the Solar PV System: 50 kW-AC-INVERTERS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Item: 1**  **Range Solar Inverter Capacity**  **[kW-AC]** | **Item: 2**  **Solar Inverter Capacity**  **[kW-AC]** | **Item: 3**  **Cost Year 1 Ex-Works**  **[1kWp-AC]**  **[USD]** | **Item: 4**  **Cost Year 1 FOB-Sea-Port**  **[1kWp-AC]**  **[USD]** | **Item: 5**  **Product Description/ Model** | **Item 6:**  **% Cost Change in Year 2**  **(if any)** | **Item 7:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 0- 100 | 50 |  |  |  |  |  |
| 2 | 101- 200 | 50 |  |  |  |  |  |
| 3 | 201- 300 | 50 |  |  |  |  |  |
| 4 | 301- 400 | 50 |  |  |  |  |  |
| 5 | 401- 500 | 50 |  |  |  |  |  |
| 6 | 501- 600 | 50 |  |  |  |  |  |
| 7 | 601- 700 | 50 |  |  |  |  |  |
| 8 | 701- 800 | 50 |  |  |  |  |  |
| 9 | 801- 900 | 50 |  |  |  |  |  |
| 10 | 901- 1,000 | 50 |  |  |  |  |  |
| 11 | 1,001- 1,250 | 50 |  |  |  |  |  |
| 12 | 1,251- 1,500 | 50 |  |  |  |  |  |
| 13 | 1,501- 2,000 | 50 |  |  |  |  |  |
| 14 | 2,001- 2,500 | 50 |  |  |  |  |  |
| 15 | 2,501- 3,000 | 50 |  |  |  |  |  |

**Table A5.2.3: Components of the Solar PV System: [\_\_\_\_] kW-AC-INVERTERS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Item: 1**  **Range Solar Inverter Capacity**  **[kW-AC]** | **Item: 2**  **Solar Inverter Capacity\***  **[kW-AC]** | **Item: 3**  **Cost Year 1 Ex-Works**  **[1kWp-AC]**  **[USD]** | **Item: 4**  **Cost Year 1 FOB-Sea-Port**  **[1kWp-AC]**  **[USD]** | **Item: 5**  **Product Description/ Model** | **Item 6:**  **% Cost Change in Year 2**  **(if any)** | **Item 7:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 0- 100 | Other |  |  |  |  |  |
| 2 | 101- 200 |  |  |  |  |  |  |
| 3 | 201- 300 |  |  |  |  |  |  |
| 4 | 301- 400 |  |  |  |  |  |  |
| 5 | 401- 500 |  |  |  |  |  |  |
| 6 | 501- 600 |  |  |  |  |  |  |
| 7 | 601- 700 |  |  |  |  |  |  |
| 8 | 701- 800 |  |  |  |  |  |  |
| 9 | 801- 900 |  |  |  |  |  |  |
| 10 | 901- 1,000 |  |  |  |  |  |  |
| 11 | 1,001- 1,250 |  |  |  |  |  |  |
| 12 | 1,251- 1,500 |  |  |  |  |  |  |
| 13 | 1,501- 2,000 |  |  |  |  |  |  |
| 14 | 2,001- 2,500 |  |  |  |  |  |  |
| 15 | 2,501- 3,000 |  |  |  |  |  |  |

**(\*): The SERVICE PROVIDER will choose which inverter capacity is offering**

**Explanatory Note to Tables A5.2.1/ A5.2.2/ A5.2.3:** The UNICEF project has a pipeline of initially selected solar PV systems, and more may come in the near future. UNICEF cannot warrant any minimum quantity of services shall be purchased during the term of the arrangement and is not bound to purchase any minimum amount of services. UNICEF reserves the right to utilize other sources at its discretion

DIFFERENT PARAMETERS WILL APPLY FOR LOCAL AND IMPORTED ITEMS

**Tables A5.2.1/ A5.2.2/ A5.2.3**

Item No. 1: Different ranges of quantities for quotation of capacity of solar PV inverters.

**Table A5.2.1**

Item No. 2: The 1st proposed capacity to quote is 25 kW-AC

**Table A5.2.2**

Item No. 2: The 2nd capacity to quote is 50 kW-AC

**Table A5.2.3**

Item No. 2: The 3rd capacity to quote is “other”: SERVICE PROVIDER may propose any other inverter, (i) below 25 kW-AC, or (ii) in between 25 kW-AC and 50 kW-AC; or (iii) above 50 kW-AC.

**Tables A5.2.1/ A5.2.2/ A5.2.3**

Item No. 3: The ex-factory-cost (for Year 1 of the LTA period) of each unit of 1kWp solar inverter capacity in USD for each type of inverter as explained in Item No. 2 above, based on the quantity.

Item No. 4: The FOB-cost at sea port of dispatch (for Year 1 of the LTA period) of each unit of 1kWp solar inverter capacity in USD for each type of inverter as explained in Item No. 2 above, based on the quantity.

Item No. 5: SERVICE PROVIDER to provide the product description/ model of the PV inverters quoted.

Item No. 6: Percentage of cost change in Year 2 in comparison to Year 1 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 3 and 4.

Item No. 7: Percentage of cost change in Year 3 in comparison to Year 2 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 3 and 4.

**Tables A5.2.1/ A5.2.2/ A5.2.3**

Freight (INCOTERMS):

International freight: The transportation and insurance costs between sea-port of deliver to sea-port of arrival will be quoted during the LTA implementation at the time of the mini competition, depending on the location of the agreed sites.

National freight: The transportation and insurance costs between sea-port of arrival and project site will be quoted during the LTA implementation at the time of the mini competition, depending on the location of the agreed sites.

**Table A5.3: Components of the Solar PV System (based on 1 kWp): INSTALLATION KIT**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Item: 1**  **Range Solar PV Capacity**  **[kWp]** | **Item: 2**  **Cost Year 1**  **Ex-Works [1 kWp]**  **[USD]** | **Item: 3**  **Cost Year 1 FOB Sea-Port**  **[1kWp]**  **[USD]** | **Item: 4**  **Product Description/ Model** | **Item 5:**  **% Cost Change in Year 2**  **(if any)** | **Item 6:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 0- 100 |  |  |  |  |  |
| 2 | 101- 200 |  |  |  |  |  |
| 3 | 201- 300 |  |  |  |  |  |
| 4 | 301- 400 |  |  |  |  |  |
| 5 | 401- 500 |  |  |  |  |  |
| 6 | 501- 600 |  |  |  |  |  |
| 7 | 601- 700 |  |  |  |  |  |
| 8 | 701- 800 |  |  |  |  |  |
| 9 | 801- 900 |  |  |  |  |  |
| 10 | 901- 1,000 |  |  |  |  |  |
| 11 | 1,001- 1,250 |  |  |  |  |  |
| 12 | 1,251- 1,500 |  |  |  |  |  |
| 13 | 1,501- 2,000 |  |  |  |  |  |
| 14 | 2,001- 2,500 |  |  |  |  |  |
| 15 | 2,501- 3,000 |  |  |  |  |  |

**Explanatory Note to Table A5.3:**

Item No. 1: Different ranges of quantities for quotation of capacity of solar PV modules.

Item No. 2: The ex-factory-cost (for Year 1 of the LTA period) per one (1) unit of capacity of the solar PV system (kWp) in USD.

Item No. 3: The FOB-cost at sea-port of dispatch (for Year 1 of the LTA period) per one (1) unit of connection kit in USD, quantity-based.

Item No. 4: SERVICE PROVIDER to provide the product description/ model of the PV modules proposed.

Item No. 5: Percentage of cost change in Year 2 in comparison to Year 1 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 2 and 3.

Item No. 6: Percentage of cost change in Year 3 in comparison to Year 2 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 2 and 3.

**Table A5.4: Components of the Solar PV System (based on 1 kWp): SUPPORTING STRUCTURE**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Item: 1**  **Range Solar PV Capacity**  **[kWp]** | **Item: 2**  **Cost Year 1**  **Ex-Works [1 kWp]**  **[USD]** | **Item: 3**  **Cost Year 1 FOB Sea-Port**  **[1kWp]**  **[USD]** | **Item: 4**  **Product Description/ Model** | **Item 5:**  **% Cost Change in Year 2**  **(if any)** | **Item 6:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 0- 100 |  |  |  |  |  |
| 2 | 101- 200 |  |  |  |  |  |
| 3 | 201- 300 |  |  |  |  |  |
| 4 | 301- 400 |  |  |  |  |  |
| 5 | 401- 500 |  |  |  |  |  |
| 6 | 501- 600 |  |  |  |  |  |
| 7 | 601- 700 |  |  |  |  |  |
| 8 | 701- 800 |  |  |  |  |  |
| 9 | 801- 900 |  |  |  |  |  |
| 10 | 901- 1,000 |  |  |  |  |  |
| 11 | 1,001- 1,250 |  |  |  |  |  |
| 12 | 1,251- 1,500 |  |  |  |  |  |
| 13 | 1,501- 2,000 |  |  |  |  |  |
| 14 | 2,001- 2,500 |  |  |  |  |  |
| 15 | 2,501- 3,000 |  |  |  |  |  |

**Explanatory Note to Table A5.4:**

Item No. 1: Different ranges of quantities for quotation of capacity of solar PV modules.

Item No. 2: The ex-factory-cost (for Year 1 of the LTA period) per one (1) unit of capacity of the solar PV system (kWp) in USD.

Item No. 3: The FOB-cost at sea-port of dispatch (for Year 1 of the LTA period) per one (1) unit of supporting structure in USD, quantity-based.

Item No.. 4: SERVICE PROVIDER to provide the product description/ model of the PV modules proposed.

Item No. 5: Percentage of cost change in Year 2 in comparison to Year 1 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 2 and 3.

Item No. 6: Percentage of cost change in Year 3 in comparison to Year 2 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 2 and 3.

**SUMMARY OF COST OF INDIVIDUAL ITEMS FOR WORKS AND SERVICES (TO BE FILLED BY THE SERVICE PROVIDER)**

**Table A5.5: Summary Year 1 Ex-Works-Cost of Equipment based on 1kWp:**

**Tables A5.1/A5.2.1/ A5.2.2/ A5.2.3/A5.3/A5.4**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Range Solar PV Capacity**  **[kWp]** | **Table A5.1**  **Ex-Works**  **[1 kWp]**  **[USD]** | **Table A5.2.1**  **Ex-Works**  **[1 kWp]**  **[USD]** | **Table A5.2.2**  **Ex-Works**  **[1 kWp]**  **[USD]** | **Table A5.2.3**  **Ex-Works**  **[1 kWp]**  **[USD]** | **Table A5.3**  **Ex-Works**  **[1 kWp]**  **[USD]** | **Table A5.4**  **Ex-Works**  **[1 kWp]**  **[USD]** |
| 1 | 0- 100 |  |  |  |  |  |  |
| 2 | 101- 200 |  |  |  |  |  |  |
| 3 | 201- 300 |  |  |  |  |  |  |
| 4 | 301- 400 |  |  |  |  |  |  |
| 5 | 401- 500 |  |  |  |  |  |  |
| 6 | 501- 600 |  |  |  |  |  |  |
| 7 | 601- 700 |  |  |  |  |  |  |
| 8 | 701- 800 |  |  |  |  |  |  |
| 9 | 801- 900 |  |  |  |  |  |  |
| 10 | 901- 1,000 |  |  |  |  |  |  |
| 11 | 1,001- 1,250 |  |  |  |  |  |  |
| 12 | 1,251- 1,500 |  |  |  |  |  |  |
| 13 | 1,501- 2,000 |  |  |  |  |  |  |
| 14 | 2,001- 2,500 |  |  |  |  |  |  |
| 15 | 2,501- 3,000 |  |  |  |  |  |  |

**Table A5.6: Summary Year 1 FOB-Sea-Port of Dispatch-Cost of Equipment based on 1kWp:**

**Tables A5.1/ A5.2.1/ A5.2.2/ A5.2.3/ A5.3/ A5.4**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Range Solar PV Capacity**  **[kWp]** | **Table A5.1**  **FOB**  **[1 kWp]**  **[USD]** | **Table A5.2.1**  **FOB**  **[1 kWp]**  **[USD]** | **Table A5.2.2**  **FOB**  **[1 kWp]**  **[USD]** | **Table A5.2.3**  **FOB**  **[1 kWp]**  **[USD]** | **Table A5.3**  **FOB**  **[1 kWp]**  **[USD]** | **Table A5.4**  **FOB**  **[1 kWp]**  **[USD]** |
| 1 | 0- 100 |  |  |  |  |  |  |
| 2 | 101- 200 |  |  |  |  |  |  |
| 3 | 201- 300 |  |  |  |  |  |  |
| 4 | 301- 400 |  |  |  |  |  |  |
| 5 | 401- 500 |  |  |  |  |  |  |
| 6 | 501- 600 |  |  |  |  |  |  |
| 7 | 601- 700 |  |  |  |  |  |  |
| 8 | 701- 800 |  |  |  |  |  |  |
| 9 | 801- 900 |  |  |  |  |  |  |
| 10 | 901- 1,000 |  |  |  |  |  |  |
| 11 | 1,001- 1,250 |  |  |  |  |  |  |
| 12 | 1,251- 1,500 |  |  |  |  |  |  |
| 13 | 1,501- 2,000 |  |  |  |  |  |  |
| 14 | 2,001- 2,500 |  |  |  |  |  |  |
| 15 | 2,501- 3,000 |  |  |  |  |  |  |

**ADDITIONAL COST OF INDIVIDUAL ITEMS FOR WORKS AND SERVICES (TO BE FILLED BY THE SERVICE PROVIDER)**

**Table A5.7: Technical Services (based on 1 kWp): GENERAL ENGINEERING AND DESIGN**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Item: 1**  **Solar; Electrical, Mechanical,**  **Design & Engineering**  **[Units]** | **Item: 2**  **Cost Year 1**  **Design & Engineering**  **[1 kWp]**  **[USD]** | **Item: 3**  **Cost Year 1**  **Testing & Commissioning**  **[1 kWp]**  **[USD]** | **Item 4:**  **% Cost Change in Year 2**  **(if any)** | **Item 5:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 0- 10 |  |  |  |  |
| 2 | 11- 20 |  |  |  |  |
| 3 | 21- 30 |  |  |  |  |
| 4 | 31- 40 |  |  |  |  |
| 5 | 41- 50 |  |  |  |  |
| 6 | 51- 100 |  |  |  |  |
| 7 | 101- above |  |  |  |  |

**Explanatory Note to Table A5.7:**

Item No. 1: Different ranges of quantities for quotation of numbers of solar PV systems.

Item No. 2: The cost of engineering & design (for Year 1 of the LTA period) per one (1) unit of solar PV system in USD, quantity-based.

Item No. 3: The cost of testing & commissioning (for Year 1 of the LTA period) per one (1) unit of solar PV system in USD, quantity-based.

Item No. 4: Percentage of cost change in Year 2 in comparison to Year 1 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 2 and 3.

Item No. 5: Percentage of cost change in Year 3 in comparison to Year 2 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 2 and 3.

**Table A5.8: Components of the Solar PV System:**

**BATTERY ENERGY STORAGE SYSTEM- BESS\* of 5 kWh- (unit-based)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Item: 1**  **BESS (including charger and management system)**  **[Units]** | **Item: 2**  **Cost Year 1**  **Ex-Works [Unit]**  **[USD]** | **Item: 3**  **Cost Year 1**  **FOB-Sea-Port [Unit]**  **[USD]** | **Item 4:**  **% Cost Change in Year 2**  **(if any)** | **Item 5:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 0- 10 |  |  |  |  |
| 2 | 11- 20 |  |  |  |  |
| 3 | 21- 30 |  |  |  |  |
| 4 | 31- 40 |  |  |  |  |
| 5 | 41- 50 |  |  |  |  |
| 6 | 51- 100 |  |  |  |  |

**(\*): BESS MUST include charger and management system**

**Explanatory Note to Table A5.8:**

Item No. 1: Different ranges of quantities for quotation of numbers of BESS systems.

Item No. 2: The ex-factory-cost (for Year 1 of the LTA period) per one (1) unit of BESS in USD, based on the unit.

Item No. 3: The FOB-cost at sea-port of dispatch (for Year 1 of the LTA period) per one (1) unit of BESS in USD, unit-based.

Item No. 4: Percentage of cost change in Year 2 in comparison to Year 1 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 2 and 3.

Item No. 5: Percentage of cost change in Year 3 in comparison to Year 2 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased. Applicable for both costs under Item No. 2 and 3.

**Table A5.9: Rate of Person Day: Conducting Energy Audits at UNICEF Facilities as well as Providing Training/Capacity Building (Local or International)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activity** | **Item: 1**  **Person-day**  **[Units]** | **Item: 2**  **Cost Year 1**  **Ex-Works [Unit]**  **[USD]** | **Item 3:**  **% Cost Change in Year 2**  **(if any)** | **Item 4:**  **% Cost Change in Year 3**  **(if any)** |
| Energy Audit | 1 |  |  |  |
| Training/capacity building on solar PV systems | 1 |  |  |  |

**Explanatory Note to Table A5.9:**

Item No. 1: Role of person required to conduct Energy Audits at UNICEF facilities as well as Providing Training/Capacity Building that would help increase UNICEF staff knowledge on managing solar PV systems during LTA implementation. SERVICE PROVIDER can add more than one role as needed.

Item No. 2: It is only requested the cost of the daily rate per person. All other costs as flights, transportation, terminal (airport, visas), per-diem, incidentals and accommodation will be handled separately following UNICEF travel policy.

Item No. 3: Percentage of cost change in Year 2 in comparison to Year 1 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased.

Item No. 4: Percentage of cost change in Year 3 in comparison to Year 2 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased.

**Table A5.10: Rate of Person Day: Providing Solar System Installation and commissioning at UNICEF Facilities (Local\* labour)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | **Item: 1**  **Person-day**  **[Units]** | **Item: 2**  **Cost**  **Ex-Works [Unit]**  **[USD]** | **Item 3:**  **% Cost Change in Year 2**  **(if any)** | **Item 4:**  **% Cost Change in Year 3**  **(if any)** |
| 1 | 1 |  |  |  |

**(\*): Local labour: electrical; mechanical; civil; plumber; carpenter; roofer; other.**

**Explanatory Note to Table A5.10:**

Item No. 1: Role of person required to provide Solar System Installation at UNICEF facilities during LTA implementation. SERVICE PROVIDER can add more than one role as needed.

Item No. 2: It is only requested the cost of the daily rate per person. All other costs as flights, transportation, terminal (airport, visas), per-diem, incidentals and accommodation will be handled separately following UNICEF travel policy.

Item No. 3: Percentage of cost change in Year 2 in comparison to Year 1 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased.

Item No. 4: Percentage of cost change in Year 3 in comparison to Year 2 cost (if any). SERVICE PROVIDER needs to specify if the change is increased or decreased.

Name of the SERVICE PROVIDER’s Authorized Representative:

Signature of the SERVICE PROVIDER’s Authorized Representative:

Date: