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نمبر سند	TES/2025/G-002	
No:		
پراجیکٹ کا نام	Procurement of materials required for Rooftop Solar Photovoltaic systems of aggregate capacity 1.5MWp for household consumers	
Project:		
تاریخ	27 th August 2025	
Issued Date		
پیشکش کی تعداد	پیشکش کی تفصیلات	نقشہ کی تعداد
No. of Pages: -03	BoQ: -0	Drawings: -00

Please include this amendment when submitting the bid. بموجب هذا التعديل، يرجى تضمينه عند تقديم العطاء.

Please find attached:

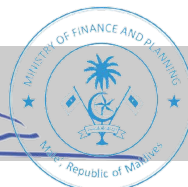
- Addendum 02 for the project.

سر سر

Name: Aminath Naheen Ahmed

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Signature:



Addendum 02

Package Name: **Procurement of materials required for Rooftop Solar Photovoltaic systems of aggregate capacity 1.5MWp for household consumers**

This Addendum 02 is issued in accordance with Sub-Clause No. 8.1 of Section 1 – Instructions to Bidders. The addendum forms part of the Bidding Document.

1) Section 6: Schedule of Supply

1. List of Goods and Related Services - 2) Bill of Quantity for 5 kW single phase system: Revised as follows

Sl. No.	Description	Qty.	Unit
1	Photovoltaic (PV) Modules with mono PERC half-cut cells of individual module capacity of 400 W _p – 550 W _p with factory fitted 4 mm ² DC lead cable with MC4 connector.	5	kW _p
2	5 kW grid-tied 1-phase string inverter with 2 MPPTs, online remote monitoring system with data logging facility and mounting accessories.	1	No.
3	Flush mount type module mounting structure of anodized aluminium for installation of PV modules on Lysaght trapezoidal sheets with mounting brackets and accessories.	5	kW _p
4	1 kV, 32 A, 2P, DC Isolator for string disconnection (Load breaking), din-rail type conforming to IEC 60947-2.	2	Nos.
5	440 V, 32 A, 2P AC Isolators (MCB) to disconnect inverter, din-rail type conforming to IEC/EN 60898-1.	1	No.
6	Surge Protection Device, Type II (for DC), din-rail type.	2	Nos.
7	Surge Protection Device, Type II (for AC), din-rail type.	1	No.
8	2P, 32 A RCCB, din-rail type conforming to IEC 61008-1.	1	No.
9	IP 65 enclosure for Din-rail mount devices (MCBs, RCBB, SPD, etc).	1	No
10	1 Core, 4 mm ² DC cable, UV stabilized, multi-strand XLPE PVC insulated.	100	m
11	2 Core, 6 mm ² , 650/1100V, copper cable from Inverter to main supply board.	25	m
12	6sqmm, 7 strand copper cable, Yellow/Green Stripped Cu/PVC for earthing.	20	m
13	6sqmm, 7 strand copper cable, Yellow/Green Stripped Cu/PVC for inverter earthing.	20	m
14	Copper Earth Rod (3/4", 6'), clamp and accessories for earth pit for equipotential bonding.	1	set
15	Copper Earth Rod (3/4", 6'), clamp and accessories for earth pit for inverter.	1	set
16	All accessories such as MC4 connectors, WEEB for equipotential bonding, stainless steel cable clips, MC4 tools and O&M tools.	1	set
17	Design diagram, connection diagram, installation manual, O&M and troubleshooting manual.	1	set



1. List of Goods and Related Services - 3) Bill of Quantity for 5 kW three-phase system: Revised as follows

Sl. No.	Description	Qty.	Unit
1	Photovoltaic (PV) Modules with mono PERC half-cut cells of individual module capacity of 400 W _p – 550 W _p with factory fitted 4 mm ² DC lead cable with MC4 connector.	5	kW _p
2	5 kW grid-tied 3-phase string inverter with 2 MPPTs, online remote monitoring system with data logging facility and mounting accessories.	1	No.
3	Flush mount type module mounting structure of anodized aluminium for installation of PV modules on Lysaght trapezoidal sheets with mounting brackets and accessories.	5	kW _p
4	1 kV, 32 A, 2P, DC Isolator for string disconnection (Load breaking), din-rail type conforming to IEC 60947-2.	2	Nos.
5	440 V, 32 A, 4P AC Isolators (MCB) to disconnect inverter, din-rail type conforming to IEC/EN 60898-1.	1	No.
6	Surge Protection Device, Type II (for DC), din-rail type.	2	Nos.
7	Surge Protection Device, Type II (for AC), din-rail type.	1	No.
8	4P, 32 A RCCB, din-rail type conforming to IEC 61008-1.	1	No.
9	IP 65 enclosure for Din-rail mount devices (MCBs, RCBB, SPD, etc).	1	No
10	1 Core, 4 mm ² DC cable, UV stabilized, multi-strand XLPE PVC insulated.	100	m
11	4C x 6 mm ² , 650/1100V, copper cable from Inverter to main supply board.	25	m
12	6sqmm, 7 strand copper cable, Yellow/Green Stripped Cu/PVC for earthing.	20	m
13	6sqmm, 7 strand copper cable, Yellow/Green Stripped Cu/PVC for inverter earthing.	20	m
14	Copper Earth Rod (3/4", 6'), clamp and accessories for earth pit for equipotential bonding.	1	set
15	Copper Earth Rod (3/4", 6'), clamp and accessories for earth pit for inverter.	1	set
16	All accessories such as MC4 connectors, WEEB for equipotential bonding, stainless steel cable clips, MC4 tools and O&M tools.	1	set
17	Design diagram, connection diagram, installation manual, O&M and troubleshooting manual.	1	set

N/2

