



“শেখ হাসিনার উদ্যোগ, ঘরে ঘরে বিদ্যুৎ”

Bangladesh Power Development Board

Central Secretariat
Wapda Building (1st floor)
Motijheel C/A, Dhaka, Bangladesh.
www.bpdb.gov.bd



Memo no.: 27.11.0000.101.14.013.23- 2164

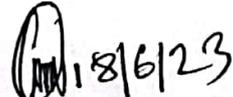
Date: 18/06/2023

Clarification/Amendment Notice

This is to hereby inform all concern who have already procured or intend to procure the tender document of "Construction of 50 MWp (DC) Solar Photovoltaic Grid-Connected Power Plant at Rangunia, Chattagram, Bangladesh on Turnkey Basis" against Tender Invitation No. 27.11.0000.101.14.013.23-652, Date: 16/02/2023 that a clarification/amendment has been made in response to bidder's queries on the tender documents of the said project. The clarification/amendment is available at the office of the Directorate of Purchase, BPDB, WAPDA Bhaban (9th floor), Motijheel, Dhaka-1000 and also available at www.bpdb.gov.bd from the date of issuance of this notice. The clarifications/amendment are to be treated as a part of the tender document.

All other terms & conditions will remain unchanged.


(মোহাম্মদ জাহির খান)
পরিচিতি নং-১-০১১৭৭
পরিচালক (ডকুমেন্ট অফিস)
স্বাক্ষরিত স্থান: ৯ম ফ্লোর ওয়াপদা ভবন
বাংলাদেশ বিদ্যুৎ উন্নয়ন বোর্ড


(Mohammad Salim Reza)
Secretary

Bangladesh Power Development Board

Memo no.: 27.11.0000.101.14.013.23-2164

Date: 18/06/2023

Copy for information & necessary action to (not according to seniority):

1. Member, Finance/P&D/Generation/Distribution/Company Affairs, BPDB, Dhaka.
2. Chief Engineer, P&D/Generation, BPDB, Dhaka.
3. Controller (Finance & Accounts), BPDB, Dhaka.
4. C.S.O to Chairman, BPDB, Dhaka.
5. Director, Renewable Energy and Research & Development/Project Planning/Finance/ Contract & C.A, BPDB, Dhaka.
6. Director, Purchase, BPDB, Dhaka. He is requested to take necessary steps to send the clarification/amendment to the bidder who has bought the tender document.
7. Director, Public Relation, BPDB Dhaka.
8. PS to Honorable State Minister, Ministry of Power, Energy and Mineral Resources, Dhaka.
9. Project Director, Construction of 50 MWp (DC) Solar Photovoltaic Grid-Connected Power Plant at Rangunia, Chattagram, Bangladesh on Turnkey Basis.
10. Senior System Analyst, BPDB Dhaka. He is requested to post the clarification/amendment in BPDB website.


(Ahammad Bhuiyan Lipu)
Assistant Secretary (Dev), (Addl. Charge)
Central Secretariat, BPDB, Dhaka

Clarification/Amendment No – 03

Clarification and Amendment on the Tender Document of " Construction of 50 MWp (DC) Solar Photovoltaic Grid-Connected Power Plant at Rangunia, Chattagram, Bangladesh on Turn Key Basis"

Sl No	Section/Clause/Subject/Page No	Description in Tender Document/Description in Clarification and Amendment No-01	Tenderer's Query	BPDB's Clarification/Amendment on Tender Document
01	Section 5 Tender and Contract Forms Specifications Submission and Compliance Sheet (Form PG5A-4a) Page:171	Solar Photovoltaic Module Manufacturer: Longi Solar Technology Co., Ltd, Jinko Solar Holding Co., Ltd, Canadian Solar Inc, Trina Solar Limited, JA Solar Holdings Co., Ltd, Hanwha Q Cells Co., Ltd, Risen Energy Co., Ltd, First Solar Inc., Astronergy Co Ltd (CHINT SOLAR), Suntech Power Holdings Co, Ltd Grid Tied Inverter Manufacturer: SMA/ Huawei/ Sungrow/ Fronius/ ABB/Solar Edge	-	Solar Photovoltaic Module
02	Section 5 Tender and Contract Forms Specifications Submission and Compliance Sheet (Form PG5A-4a) Page:171		-	Grid Tied Inverter
03	Section 6. Employer's Requirements 6.2 Specification 6.2.3 Technical Specification 6.2.3.1 Solar Photovoltaic (PV) Module Page: 198	6) The minimum stipulated life of the SPV Module shall be 25 years. Each solar PV module shall be warranted by the manufacturer for output wattage, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years. If the module(s) fail(s) to exhibit such power output in prescribed life span, the contractor shall provide additional PV module(s) to compensate the loss of power output.	-	6) a) The minimum stipulated life of the SPV Module shall be 25 years. At the end of 1 st year from the date of commissioning, if any module produces a nominal power output below 97.5% as set out in manufacturer's data sheet, the contractor/manufacturer shall replace module free of cost with a new guaranteee for balance period. b) For 2 nd year from the date of commissioning the maximum allowed annual degradation is 0.5%. If any module production falls below, the contractor/manufacturer shall replace module free of cost with a new guaranteee for balance period.
04	Section 6. Employer's Requirements 6.2 Specification 6.2.15 Commissioning and Acceptance Testing 6.2.15.2 Cold Commissioning Page: 247-248	The verification of _____ The Voc test will be considered as passed if all the Voc_string on the tested strings satisfy the following condition: $0.05 \times V_{fmax} < V_{oc_string} < 1.05 \times V_{fmax}$ _____ The Isc test will be considered as passed if all the Isc_string on the tested strings satisfy the following condition: $0.00 \times I_{fmax} < I_{sc_string}$ _____ test will be repeated.	-	The verification of _____ The Voc test will be considered as passed if all the Voc_string on the tested strings satisfy the following condition: $0.95 \times V_{fmax} \leq V_{oc_string} \leq 1.05 \times V_{fmax}$ _____ The Isc test will be considered as passed if all the Isc_string on the tested strings satisfy the following condition: $0.90 \times I_{fmax} \leq I_{sc_string}$ _____ test will be repeated.

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