

ISLAMIC RELIEF BANGLADESH

House # 10, Road # 10, Block # K, Baridhara, Dhaka-1212.



Tender Documents for supplying of 25 Set Solar Systems for Pipeline water supply network at Nalitabari-Sherpur and Haluyaghat-Mymensingh

Tender No.	Tender # 13/2026
Package No.	Package # 03 (RFQ # 143/2026)
Issued On	01/07/2026
Last Date and Time for Submission of Tender	Tender will be received up to 11.50 AM on 14/07/2026
Date and Time for Opening of Tender	Tender will be opened on 14/07/2026 at 12.00 PM by the Tender Opening Committee (TOC) at the office of the undersigned with physical or virtual presence of the interested bidders by MS Teams .
MS Teams Meeting ID	373 912 932 579 051
Passcode	Do2yu3sA

Please fill the table mentioned below:

Name of Vendor/ Company	
i) Registered Business Address ii) Corporate Address (if different)	
Name of Proprietor/MD with Contact Number	
Name of Contact Person with Contact Number	
Email ID	
Total Bid Security Amount	
PO/DD/BG Number and Date	
Name of Bank	
Name of Branch	

At a glance of quoted offer

SL	Name of items	Specification	Unit	Qty	Unit Price	Total Price	Remarks
01	Pipeline water supply network Solar systems supply with installation	As per attached BoQ-01	Set	25			
Grand Total =							
(Total Amount in words: BDT.							

For technical clarification, please contact **01777773883**



Vendor's Signature & Seal

Page 1 of 4

Section: A, General Info/IRB Compliances

01	Programme	Humanitarian & Resilience Programme
02	Delivery Place	IRB Warehouse Level (1. Nalitabari Upazila under Sherpur District- 9 Sets and 2. Haluyaghat Upazila Under Mymensingh District- 16 Sets). IRB Representative / Receiver: Riajul Islam 01329673305 for Nalitabari and Abul Khair 01777761287 for Haluyaghat.
03	Procurement Method	Open Tender
04	Time for Completion of the Works	The job must be completed within 15-30 Days after issuing of Purchase Order.
05	Mode of Payment	Through A/C payee cheque or bank transfer.
06	AML & ATF Policy	IR will terminate this agreement without any notice if any supplier is found to be in violation of Anti Money Laundering & Anti-Terrorist Funding policy.
07	Child Protection Policy	IR reserves the right to terminate this agreement without any notice if any vendor is engaging child labours or supporting any forms of illegal practices.
08	Anti-Bribery Policy	IR follows ZERO-TOLERANCE policy for any form of bribery or corruption.
09	Modern Slavery Act:	The international Labour Standards as defined by the ILO (international Labour Organization). Below is a link to the section 26 of the Modern Slavery Act so please familiarise yourselves with this. http://www.legislation.gov.uk/ukpga/2015/30/section/26/enacted
10	Anti-social or Anti-state activity	The Service Provider and Receiver both the parties must respect and uphold the rules and laws of the country, and by no means undermine it whatsoever.
11	Eligibility of the Contractors/Firms to compete in the Tender	This invitation for tenders is open to all eligible tenderers who have: i) Relevant work experience with INGO ii) Up-to-date Business Documents iii) Financial and Organizational capabilities iv) Bank Statements for the last 06 (Six) months
12	Price of Tender Document	Nil
13	Amount of Tender Security	2.5% of total quoted amount
14	Tender documents are available	http://islamicrelief.org.bd/tender
15	Name and Address of the Office for Issuing, Opening & Receiving Tenders	IR Bangladesh Country Office, House # 10, Road # 10, Block-K, Baridhara Diplomatic Zone, Dhaka-1212
16	Tender Validity	Tender shall be valid for a period of 45 days after tender opening.
17	Change of Schedule Date & Time	If it is not possible to receive/open the tender on the schedule date for any unavoidable circumstances, the same will be received / opened on the next working date at the same circumstances.
18	Filling in the Tender Documents	Clear with Indelible ink, duly signed and stamped
19	Distribution of Works	IRB has the authority to divide the works among the qualified vendors for risk minimization, healthy competition and faster completion of the works
20	Authority of Rejection	The IR Bangladesh authority reserves the right to accept or reject any or all tenders without assigning any reason whatsoever.

Section: B, Tender Data Sheet



01. GENERAL	
Employer	Islamic Relief Bangladesh
02. TENDER DOCUMENT	
For the clarification of Tender only টেন্ডার সংক্রান্ত তথ্যের জন্য	For clarification of tender's purposes only, the Employer's address is: Attention: Procurement Coordinator Address: IR Bangladesh Country Office, House # 10, Road # 10, Block-K, Baridhara, Dhaka1212, Tel: 02-222299128, 02-222299130, Cell: 01325083748 (Sunday-Thursday, at 09 AM to 05 PM) Email Address: procurement@islamicrelief-bd.org
03. PREPARATION OF TENDERS	
Tender Documents	Documents must be submitted by Tenderers are: a. Up to date copy of Trade License attested by the proprietor/head of organization b. Copy of up-to-date VAT Registration Certificate attested by the proprietor/head of organization c. Up to date copy of TIN/ TIN Certificate attested by the proprietor/head of organization d. Experience Certificate/WO copy with contact info for reference check attested by the proprietor/head of organization e. Clients List attested by the proprietor/head of organization f. Tender Security: PO or BD or BG from any Schedule Bank g. You are requested to provide a forwarding letter on your organization's letterhead pad with seal and signature from the authority with this offer along with duly filled in Summary of Tender Submission as per attached format.
Tender Security	A Tender Security 2.5% of total quoted amount will be required in the form of a Pay Order or Bank Draft or BG in favour of the "ISLAMIC RELIEF" accompanied with each tender
04. SUBMISSION OF TENDERS	
Filling Envelop	The inner and outer envelope shall bear the following additional identification marks: a) The Name of the Tender: c) Tender No: d) RFQ # e) Contractor's/Tenderer's Address: f) Additional documents should not be more than 10 pages excluding our requested documents.
05. AWARD OF CONTRACT	
5.1	The Tender will be Non-Responsive and Rejected if the Quoted Amount of the Tender is found not in accordance with the quality and specifications set out for this tender.
5.2	If mistake is found in the line items or total amount, the IR Bangladesh authority can reject or accept at its own discretion whichever IR Bangladesh deems advantageous or justifiable.
5.3	The amount of performance guaranty (PG) shall be 2.5% of the contract price and the bid bond will be kept as PG of winning bidder(s).
5.4	A. 2% of work order amount will be deducted from your total bill amount for each and every belated day or as per IRB management decision. B. 5% of work order amount will be deducted for any deviation with the given specification in your quotation if supply does not rectify immediately or as per IRB management decision.
06. COMPLAINTS OR SUGGESTIONS	
Complaints or Suggestions অভিযোগ বা পরামর্শ	For any complaints or suggestions: Email: feedback@islamicrelief-bd.org Cell: 017-7777-3701



Section: C, SPECIAL TERMS AND CONDITIONS



01. The rate quoted by the Suppliers should include the cost of all materials and all operational costs connected with the packages and supply, cost of organizational arrangements, capital, background works, planning, logistics arrangements and cost of all local and other VAT & Taxes, Tolls and Incidental Charges will be treated as having been included in the tender bid.
02. All relevant documents supplied duly signed by the tenderer in every page and be binding upon the tenderer
03. Before submitting the tender, the tenderer should study/inquire the entire supply & work thoroughly in consultation with the relevant stakeholders, and no extra claim will be entertained for under any circumstances.
04. The supplied items must be of good quality and as per the samples approved by the IRB Management before delivery.
05. The quantities of the work may vary at the time of execution of work/supply and some items may be increased or decreased or even excluded, and for such cases no additional claims will be entertained.
06. Delivery Time must be maintained as per the schedule strictly. No extension of time will be allowed.
07. The work may be done round the clock which under any circumstances no extra claim will be entertained.
08. No claim from the contractor shall be entertained if the work is not executed for any reason.
09. Claim for advance payment shall not be entertained.
10. The contractor shall have to arrange and bear the expenses of all kinds of tools and plants which may be necessary for this work.
11. No claim for enhancement of rate of any item of the schedule will be entertained due to fluctuation of market rate for labours and materials along with the period of execution of the works.
12. Verbal instructions whatsoever and from whomsoever will have no binding. All such instruction must be in writing from competent authority.
13. The Suppliers/Contractors or his/their representative will have to be available at the site/delivery points to receive instruction from the IRB's designated staffs in connection with the supply/work.
14. Completion of Works shall be as per the Contract Agreement.
15. The Contractor shall submit the first Plan & Schedule of Works by 2 (two) days after signing the Contract, and shall update the progress regular basis during the period of the Contract.
16. In case of fund constrain/inadequate fund/non-availability of fund the payment to be made to the Contractor for completed work in the working financial year may be delayed for which no claim of the contractor shall be accepted. It is therefore assume that the contractor/Agency has agreed to execute this work under this precondition.
17. VAT and other taxes at the rates fixed by the Govt. will be deducted from the bills of the contractor
18. Challan and relevant documents must be submitted along with final bill.
19. Govt. MUSHAK 6.3 must be submitted with the bill.
20. All quotation should be intact at the time of submission.
21. The authority of Islamic Relief reserves the right to accept or reject any or all of the quotations and right to stop supply at any stage of delivery without assigning any reason whatsoever

Tenderer's Signature, Date & Seal	
I/We hereby declare that the information and documents provided along with the bid submission are true and authentic.	
Signature	
Designation	
Date	





Scope of Work: Supply and Installation of Pipeline Water Supply Network Solar Materials of SUPEO Project (Nalitabari, Haluaghat). The rate will include VAT & TAX, Loading & Unloading, with Transportation cost. Any type of accommodation, Water bill, Food bill, and Electric bill will not be provided to the Vendor from IRB & RHs. Have To submit 1 Sample of required materials before work order.

Bill of Quantities (BoQ) of Solar System supply And Installation (Connect with Pipeline Water Supply Network)

SL	Item Descriptions	Unit (A)	QTY per PWSN (B)	Unit Rate (C)	#PWSN (D)	Total Amount E=AxBxCXD
Part G. Solar System supply And Installation						
1	250W-24V-T1 Solar Panel.	nos	6		1	
	Supply and installation solar system in pipeline water supply Network of 250 W, 24V Solar PV Module (Tier-1) as per approved drawing. The module shall be monocrystalline type with tempered glass, anodized aluminum frame, UV-resistant back sheet, and weatherproof junction box (IP65 or higher), suitable for outdoor use. The PV module shall have a rated output of 250 Wp at 24V (STC conditions) and shall comply with IEC 61215 and IEC 61730 or equivalent standards. The mounting structure will be constructed by IRB, Vendor will provide frame setup instruction. and the vendor's scope shall include only supply, installation, electrical connection, testing, and commissioning of solar panels on the provided structure. Installation shall be done as per approved drawing and Engineer-in-Charge instruction. The panel shall be clearly marked with manufacturer details, model, rating, and Tier-1 certification. The supplier shall provide minimum 25 years linear performance warranty. Approved manufacturers: LONGi, Jinko, Trina Solar, Canadian Solar, or equivalent Tier-1 brands approved by Engineer-in-Charge.					
2	1.5 kW Solar DC-AC Variable Frequency Drive (VFD), MPPT type.	Set	1		1	
	Supply, installation, testing, and commissioning of 1.5 kW Solar DC-AC Variable Frequency Drive (VFD), MPPT type, suitable for operation with 6 (six) nos. 250 W, 24V Solar modules connected in appropriate series configuration, providing a DC input voltage range of approximately 180-230V DC, complete in all respects. The VFD shall be designed to convert variable DC power from solar PV array into regulated 220V ±10% AC output (single phase) for operation of a 1 HP AC submersible induction motor pump, without the use of battery storage system. The system shall incorporate a high-efficiency Maximum Power Point Tracking (MPPT) algorithm to ensure optimum utilization of solar energy under varying irradiance conditions. The VFD shall be capable of low-voltage start-up (minimum start voltage ≤150V DC) and stable operation within a wide DC input range. The output frequency shall be continuously adjustable from 0 to 50/60 Hz, enabling smooth motor speed control, soft start, and reduced inrush current.					

SL	Item Descriptions	Unit	QTY per PWSN	Unit Rate	#PWSN	Total Amount
		(A)	(B)	(C)	(D)	E=AxBxCXD
	The VFD shall be microprocessor-controlled with integrated motor control suitable for single-phase induction motor operation. It shall include built-in protections such as over-voltage, under-voltage, over-current, overload, short circuit, phase imbalance, dry-run protection, and over-temperature protection. The system efficiency shall be minimum $\geq 95\%$ under rated operating conditions. The unit shall be provided with an LCD/LED display for real-time monitoring of PV input, output voltage, frequency, current, and fault diagnostics. It shall support keypad-based parameter configuration and standard communication interface (RS485/Modbus or equivalent, if applicable). Installation shall include supply of VFD unit, mounting, complete electrical wiring and termination, integration with solar PV array and existing AC submersible pump system, proper earthing and grounding, testing, and commissioning as per approved design, manufacturer guidelines, and instruction of the Engineer-in-Charge. The VFD shall be suitable for tropical environmental conditions with protection class minimum IP20 (indoor) / IP54 (optional outdoor enclosure) and operating temperature range of 0°C to +50°C. All equipment shall be properly labeled with manufacturer name, model, rating, and serial number. The supplier shall provide minimum 3 (three) years product warranty, covering manufacturing defects, electronic components, and performance assurance as per manufacturer's warranty policy, along with operation and maintenance manuals. Approved manufacturers shall include Micno, INVT (GD100-PV series or equivalent), Gtake, Veikong, Delixi, or any other equivalent internationally recognized brand approved by the Engineer-in-Charge.					
3	Steel Enclosed VFD Control Panel Box	nos	1		1	
	Supply, installation, testing, and commissioning of Steel Enclosed VFD Control Panel Box suitable for 1.5 kW VFD for operation of 1 HP AC submersible pump. The enclosure shall be fabricated from CRCA steel sheet (1.2–1.5 mm thickness) with epoxy polyester powder coating for corrosion resistance and durability. The panel shall be IP54 rated, dust and splash proof, and provided with a robust locking system with key lock, neoprene rubber gasket sealing, and heavy-duty hinges. The panel shall include provision for mounting VFD, MCB, contactor, overload relay, SPD, DIN rail, cable ducts, internal earthing bar, bottom cable entry with gland plate, and external control baton (ON/OFF control switch with indication) for safe operation. The system shall be suitable for tropical climatic conditions (0–50°C, up to 95% humidity non-condensing) and shall comply with IEC 61439 or equivalent standards. All works shall be completed including installation, wiring, testing, and commissioning as per approved design and instruction of the EIC. The supplier shall provide minimum 3 (three) years warranty against manufacturing defects and structural integrity.					



SL	Item Descriptions	Unit	QTY per PWSN	Unit Rate	#PWSN	Total Amount
		(A)	(B)	(C)	(D)	E=AxBxCXD
4	Electric Cable, Others fittings & Instllation (Solar, Pump, VFD) Charge	nos	1		1	
	Supply, installation, testing, and commissioning of electrical cables and all associated fittings complete in all respects as per approved design and instruction of the Engineer-in-Charge. The scope shall include supply of suitable size copper conductor PVC insulated power and control cables for 1.5 kW VFD and 1 HP pump system, conforming to relevant IEC/BSTI standards, along with all necessary accessories such as cable lugs, glands, ferrules, connectors, insulation materials, and cable management items. The works shall also include cable laying, termination, connection to VFD, pump and control panel, earthing, insulation testing, and functional testing of the complete system. All installation works shall be carried out by skilled technicians ensuring safety, proper workmanship, and system reliability, complete as a turnkey job.					
Total Amount for 1 Unit =						
Grand Total Amount for 25 Units =						
Inword:						



Supplier signature with seal