

REQUEST FOR QUOTATION FOR SUPPLY OF PV ANALYZER FOR IDCOL (02 units)

RFQ No: IDCOL/TECH/2024/G-03

21 March 2024

To Whom It May Concern

1. IDCOL has been allocated public funds and intends to apply a portion of the funds to eligible payments under the Contract for which this Quotation Document is issued.
2. Detailed Specifications and, Design & Drawings for the intended Goods and related services shall be available in the office of the Procuring Entity for inspection by the potential Quotationers during office hours on all working days.
3. Quotation shall be prepared and submitted using the 'Quotation Document'.
4. Quotation shall be completed properly, duly signed-dated each page by the authorized signatory and submitted by the date to the office as specified in **Para 6** below.
5. **Securities such as Quotation Security (i.e. the traditionally termed Earnest Money/Tender Security) and Performance Security shall be required** for submission of the Quotation and delivery of the Goods (if awarded) respectively.
6. **Quotation Security/Tender Security shall be BDT. 1,00,000 (BDT one lac only) to be submitted in favour of "Infrastructure Development Company Limited"** in the form of a Bank Draft or Pay Order or in the form of an irrevocable unconditional Bank Guarantee issued by any scheduled bank of Bangladesh.
7. **The amount of Performance Security shall be 10 (Ten) percent of the Contract price.**
8. Quotation in a sealed envelope shall be submitted to the office of the undersigned on or before **31 March 2024 at 12.00 pm**. The envelope containing the Quotation must be clearly marked **"SUPPLY OF PV ANALYZER FOR IDCOL (02 units)"** and **DO NOT OPEN before 31 March 2024 at 12.00 pm**. Quotations received later than the time specified herein shall not be accepted.
 - i. Time of opening: The received quotations will be **opened publicly on 31 March 2024 at 12:30 pm**.
 - ii. Place of opening: UTC Building, Level-16, Multipurpose conference room.
9. The Procuring Entity may extend the deadline for submission of Quotations on justifiably acceptable grounds duly recorded subject to threshold of ten (10) days pursuant to Rule 71 (4) of the Public Procurement Rules, 2008.
10. All Quotations must be valid for a period of at least **120 days** from the closing date of the Quotation.
11. Quotationer's rates or prices shall be inclusive of profit and overhead and all kinds of taxes, duties, fees, levies, and other charges to be paid under the Applicable Law, if the Contract is awarded.



12. Rates shall be quoted and, subsequent payments under this Contract shall be made in Taka currency. The price offered by the Quotationer, if accepted shall remain fixed for the duration of the Contract.
13. Quotationer shall have legal capacity to enter Contract. Quotationer, in support of its qualification shall be required to submit photocopies of latest valid documents related to:
 - a. **VAT Registration Certificate**
 - b. **Trade License (Updated)**
 - c. **Tax Identification Number (TIN)**
 - d. **Bank Solvency Certificate** (*issued within last 03 months counting backward from 20 March 2024*)
 - e. **Specific experience of supply of similar goods worth BDT. 45 (Forty-five) Lac in not more than 02 (Two) contracts**

without which the Quotation may be considered non-responsive.

14. Quotation shall consist of **Quotation Submission Letter (Form-1), Price Schedule for Goods and Related Services (Form-2) & Technical Specification Compliance Sheet (Form-3)** along with **qualification documents** as required in bullet point 13. Quotationers shall submit **Catalogue/Brochure** of the offered item(s).
15. Quotations shall be evaluated based on information and documents submitted with the Quotations, by the Evaluation Committee and, at least three (3) responsive Quotations will be required to determine the lowest evaluated responsive Quotations for award of the Contract.
16. In case of anomalies between unit rates or prices and the total amount quoted, the unit rates or prices shall prevail. In case of discrepancy between words and figures the former will govern. Quotationer shall remain bound to accept the arithmetic corrections made by the Evaluation Committee.
17. The supply of Goods and related services shall be completed within sixty **(60)** days from the date of issuing the Purchase Order.
18. The Purchase Order that constitutes the Contract binding upon the Supplier and the Procuring Entity shall be issued within **07 (Seven)** days of receipt of approval from the Approving Authority and upon submission of the **Performance Security** by the Quotationer.
19. The Procuring Entity reserves the right to reject all the Quotations or annul the procurement proceedings.



Sudipto Khatib
Manager, Procurement
UTC Building (Level – 16), 8 Panthapath,
Kawranbazar, Dhaka – 1215,
Phone No: +880-2-222248786-91 (Ext-6400),
E-mail: khatib@idcol.org

Quotation Submission Letter (Form-1)
[Use Letter-head Pad]

RFQ No:

Date: dd/mm/yy

To:

Sudipto Khatib
Manager, Procurement
UTC Building (Level – 16), 8 Panthapath,
Kawranbazar, Dhaka – 1215
Phone No: +880-2-222248786-91 (Ext-6400),
E-mail: khatib@idcol.org

I/We, the undersigned, offer to supply in conformity with the Terms and Conditions for delivery of the Goods and related services named “.....”

The total Price of my/our Quotation is BDT [insert amount both in figure and words].

My/Our Quotation shall remain valid for the period stated in the RFQ Document and it shall remain binding upon us and, may be accepted at any time prior to the expiration of its validity period.

I/We declare that I/we have the legal capacity to enter into a contract with you and have not been declared ineligible by the Government of Bangladesh on charges of engaging in corrupt, fraudulent, collusive or coercive practices. Furthermore, I/we am/are aware of Para 21(b) of the Terms and Conditions and pledge not to indulge in such practices in competing for or completion of delivery of Goods.

I/We am/are not submitting more than one Quotation in this RFQ process in my/our own name or other name or in different names. I/We understand that the Purchase Order issued by you shall constitute the Contract and will be binding upon me/us.

I/We have examined and have no reservations to the RFQ Document issued by you on

I/We understand that you reserve the right to reject all the Quotations or annul the procurement proceedings without incurring any liability to me/us.

Signature of Quotationer with Seal
Date:



Price Schedule for Goods and Related Services (Form-2)

RFQ No:

Date: dd/mm/yy

Sl. no	Item Description	No. of Unit	Unit Rate or Price		Total Amount	Destination for Delivery of Goods
			In figure	In words	<u>In figure</u> In words	
1	2	3	4	5	6	7
1	PV Analyzer	02				IDCOL HO, UTC Building (Level 16), 8 Panthapath, Kawranbazar, Dhaka
Total Amount for Supply of Goods and related services (inclusive of VAT @ 7.5% and all applicable taxes; <i>see Note 2 below</i>)				In figure		
				In words		
Goods to be supplied to		UTC Building (Level 16), 8 Panthapath, Kawran Bazar, Dhaka-1215				
Total Amount in Taka (in words)		[enter the Total Amount as in Col.7 above for the delivery of Goods and related services].				
Delivery Offered		[insert weeks/days] from date of issuing the Purchase Order]				
Warranty Provided		[insert weeks/months from date of completion of the delivery; state none if not applicable]				

[insert number] number corrections made by me/us have been duly initialed in this Price Schedule.
My/Our Offer is valid until dd/mm/yy.

Signature of Quotationer with Seal Name of Quotationer		Date: dd/mm/yy

Note:

- Col. 1, 2, 3, 4 and 8 to be filled in by the Procuring Entity and Col. 5, 6 & 7 by the Quotationer.
- Rates or Prices shall include profit and overhead and, all kinds of taxes, duties, fees, levies, and other charges earlier paid or to be paid under the Applicable Law, if the Contract is awarded; including transportation, insurance etc. whatsoever up to the point of delivery of Goods and related services in all respects to the satisfaction of the Procuring Entity.



TECHNICAL SPECIFICATION COMPLIANCE SHEET (FORM-3)

Item 01: PV Analyzer			
Sl. No.	Criteria	Requirements	Quotationer's Response
1	Brand	To be mentioned by the Quotationer	
2	Model	To be mentioned by the Quotationer (Solmetric PVA 1500HE or equivalent)	
3	Country of origin	To be mentioned by the Quotationer	
4	Voltage range	20 to 1500V DC	
5	Voltage Accuracy	$\pm 0.5\% \pm 0.25V$	
6	Current Accuracy	$\pm 0.5\% \pm 0.04A$	
7	Power Accuracy	$\pm 1.7\% \pm 1.0W$ (current $\geq 3A$, module efficiency $< 19\%$)	
8	I-V trace Points	100 or 500 Selectable	
9	I-V sweep Duration	0.05 to 2s. Typically 0.2s for PV Strings.	
10	Operating Temperature (ambient)	32 to 113° F (0 to +45° C)	
11	Weight	16 lb	
12	Dimensions	21" x 8.5" x 6"	
13	Safety and Regulatory	CAT III 1500V	
Maximum Current (Isc)			
14	Model Efficiency < 19	30 A DC	
15	Model Efficiency $\geq 19\%$	30 A DC	
Measurement Throughput			
16	Sweep-to-sweep delay (@ Voc $\leq 1350V$)	$< 9S$	
17	Max # I-V sweeps per hour (@ Voc $\leq 1350V$)	400 Sweeps/hr	
18	Max megawatts measured per hour (assume reference PV system with Voc = 1300V, Vmp = 11 OOV, Imp = 25A, 16 strings per combiner, 5 min to move next combiner with no measurements. No direct sunlight on I-V unit)	3.5M W/hr	
Thermal Capacity--# I-V Sweeps Before PVA Must Cool Down			
19	77° Ambient, 18s Sweep-to-sweep delay	Unlimited	
20	77° Ambient, 9s Sweep-to-sweep delay	Unlimited	
21	113° Ambient, 18s Sweep-to-sweep delay	450	
22	113° Ambient, 9s Sweep-to-sweep delay	330	
SolSensor			
23	Irradiance Accuracy	$\pm 2\%$ Typical (600 to 1500 W/m ² , Si cells)	
24	Cell Temperature Accuracy	$\pm 2^\circ C$ typical, Smart Temp Method	
25	Tilt Accuracy	$\pm 2^\circ$ Typical (0 to 45°)	



26	Update Interval	Irradiance: 0.1 s, Temperature: 1 s	
27	Wireless Range	100m (Open line of sight)	

I/We declare to supply Goods and related services offered by me/us fully in compliance with the Technical Specifications and Standards mentioned hereinabove. **Catalogue/Brochure** of the offered item(s) are also attached.

Signature of Quotationer with Seal	Date: dd/mm/yy
Name of Quotationer	



Infrastructure Development Company Limited (IDCOL)
UTC Building (Level -16), 8 Panthapath, Kawranbazar, Dhaka-1215

PURCHASE ORDER FOR SUPPLY OF PV ANALYZER FOR IDCOL (02 Units)

Purchase Order No.:

Date: dd/mm/yy

RFQ No:	
To: [name and address of the Supplier]	
Delivery Date: [insert completion date]	Order Value: TK. [insert Contract Price]
Delivery: As per Terms and Conditions	

The Purchaser has accepted your Quotation dated [insert date] for the supply of Goods and related services as listed below and requests that you supply the Goods and related services within the delivery date stated above, in the quantities and units in conformity with the Technical Specifications under the Terms and Conditions as annexed.

ORDER ITEMS
Attached Certified photocopy of approved Priced Schedule for Goods and related services Attached Certified photocopy of approved Technical Specification of the Goods Required Attached Certified photocopy of Terms and Conditions
For the Purchaser:
Signature of the Procuring Entity with name and Designation
Date

Attachments: As stated above



**Terms and Conditions
for
Supply of Goods and Payment**

1. Terms and Conditions contained herein shall be binding upon both the Procuring Entity and the Supplier for the purpose of administration and management of this Contract.
2. Implementation and interpretation of these Terms and Conditions shall, in general, be under the purview of the Public Procurement Act, 2006 and the Public Procurement Rules, 2008.
3. The Supplier shall have to complete the delivery in all respects within **60 (sixty)** days of issuing the Purchase Order in conformity with the Terms and Conditions.
4. The Supplier shall be entitled to an extension of the Delivery Schedule if the Procuring Entity delays in receiving the Goods and related services or if Force Majeure situation occurs or for any other reasons acceptable to the Procuring Entity on justifiable grounds duly recorded.
5. All delivery under the Contract shall at all times be open to examination, inspection, measurements, testing, commissioning, and supervision of the Procuring Entity or his/her authorized representative.
6. The Procuring Entity shall check and verify the delivery made by the Supplier in conformity with the Technical Specifications and notify the Supplier of any Defects found.
7. If the Goods are found to be defective or otherwise not in accordance with the specifications, the Procuring Entity may reject the supplies by giving due notice to the Supplier, with reasons.
8. The Supplier shall be entirely responsible for payment of all taxes, duties, fees, and such other levies under the Applicable Law.
9. Notwithstanding any other practice, the payment shall be based on the actual delivery of goods on the basis of the quantity of each item of Goods in accordance with the Priced Schedule and Specifications. **100% of the Contract price of the Goods and related services shall be paid after submission and acceptance of the Delivery Chalan.**
10. **The Supplier's rates or prices shall be inclusive of profit and overhead and, all kinds of taxes, duties, fees, levies, and other charges to be paid under the Applicable Law.**
11. The total Contract Price is BDT [insert figure] [in words].
12. The Supplier shall remain liable to fulfil the obligations pursuant to Rule 40 (5) of the Public Procurement Rules, 2008.
13. The Supplier shall keep the Procurement Entity harmless and indemnify from any claim, loss of property or life to himself/herself, his/her workmen or staff, any staff of the Procurement Entity or any third party while delivering the Goods and related services.
14. Any claim arising out of delivery of Goods and related services shall be settled by the Supplier at his/her own cost and responsibility.
15. Damage to the Goods during the Warranty Period shall be remedied by the Supplier at the Supplier's own cost if the damage arises from the supply and installation by the Supplier.
16. No modification to Scope of Supply and no Variations to the quantities ordered shall be permissible under any circumstances.
17. **The Procuring Entity contracting shall amend the Contract incorporating required approved changes subsequently introduced to the original Terms and Conditions in line with Rules, where necessary.**
18. The Procuring Entity may, by written Notice sent to the Supplier, terminate the Contract in whole or in part at any time, if the Supplier:
 - a. fails to deliver Goods and related services as per Delivery Schedule and Specifications.



19. The Procuring Entity and the Supplier shall use their best efforts to settle amicably all possible disputes arising out of or in connection with this Contract or its interpretation.
20. The Supplier shall be subject to, and aware of provision on corruption, fraudulence, collusion and coercion in Section 64 of the Public Procurement Act, 2006 and Rule 127 of the Public Procurement Rules, 2008.

For the Purchaser:	For the Supplier:
Signature of the Procuring Entity with name and Designation	Signature of the Supplier with name Designation
Date	Date

