

**Invitation to Bid (ITB)**  
**ITB No. 436**  
**Supply and Installation of 15 KW Hybrid Grid Solar System**

**Release Date:** December 19, 2024

**For:** TDEA

**Contractor:** Trust for Democratic Education and Accountability (TDEA)

**Funded by:** TDEA

**1.0. Introduction**

The Trust for Democratic Education and Accountability (TDEA) was established in October 2008, registered under the Trust Act 1882. TDEA strives to strengthen public accountability by enhancing the capabilities of individuals to work for civil liberties, improved governance, democracy, and peace in Pakistan.

**2.0. Instructions to Offerors**

- I. **Offer Deadline:** Sealed quotations must be received not later than **5:00 PM PST on December 23, 2024** by hand. All offers must be sent to following address:

**ITB No.436**

**Procurement Unit**

**TDEA**

**Plot No.3-A, Class III Shopping Centre, Muslim Market, Street 65, Sector F-10/3, Islamabad.**

Please mark **ITB No. 436 on the sealed envelope.**

**For queries and questions please email to [imraan.ashraf@tdea.pk](mailto:imraan.ashraf@tdea.pk)**

II. **Specifications:**

See section 3 technical specifications

- III. **Quotations:** Prices must be quoted Pak Rupees on a lump-sum, all-inclusive basis (GST etc). Offers must remain valid for not less than 30 days after the offer deadline.

- IV. **Negotiations:** Best-offer quotations are requested. It is anticipated that awards will be made solely on the basis of these original quotations; however, TDEA reserves the right to conduct negotiations and/or request clarifications prior to awarding a contract.

- V. **Evaluation and Award:** Only those offers will be considered who meet or exceeds the requested specification. In judging the offers, the following criteria will be used with weights applied accordingly:

- **Cost (100%)** — Based on the total cost presented in the proposal against the required items/services.
- **Delivery** — delivery time is required to mention in section 3.0.

TDEA may (a) reject any or all bids, (b) accept other than the lowest cost bid, (c) accept more than one bid, (d) accept alternate bids, (e) accept part of the bid instead of whole and (f) waive informalities and minor irregularities in bids received.

- VI. **Invoicing:** Upon the acceptance of the contract deliverables described in Section 3, the Subcontractor shall submit an original GST invoice to the TDEA office, Islamabad for payment. The invoice shall be sent to the following address: Procurement Unit, TDEA, Plot No.3-A, Class III Shopping Centre, Muslim Market, Street 65, Sector F-10/3, Islamabad

**VII. Warranty:** Warranty service and repair is required for all commodities under this ITB, if applicable. It is very important that these commodities be serviced with a well-established and capable local technology service provider. The technology service provider/local agent must be an official provider, authorized dealer, or certified service provider or reseller of the brand offered.

To constitute a proper invoice, the invoice must include the following information and/or attached documentation. This information will assist in making timely payments to the Company:

- Company legal name, NTN number, GST number, invoice date, and invoice number.
- Deliverable(s) number, description of approved deliverable(s), and corresponding fixed price(s).

The TDEA office will pay the company invoice within fifteen (15) business days after both

- TDEA approval of the company deliverables.
- TDEA receipt of the company invoice.

Payment will be made in Pakistani Rupees (PKR), paid to the account specified in the invoice, withholding Tax and GST will be deducted from the total amount as per Govt. Rule.

**3.0. Technical Specifications**

Section 3 contains the technical specifications and requirements of the commodities. Line items are broken down into individual technical specifications.

For each technical specification and requirement line item listed hereunder

<b>OPTION-1 (Lithium Batteries)</b>						
<b>Sr. #</b>	<b>Product</b>	<b>Model</b>	<b>Description</b>	<b>Qty</b>	<b>UM</b>	<b>Total Price with GST</b>
1	<b>Hybrid Inverter</b>	Solis-15KW	<b>Solis-S6-EH3P15K-L-PRO (1 Nos.) Hybrid Inverter,</b> WiFi monitoring available-iphone & android app available(WiFi/GPRS Real time monitoring)  <b>5 Years Maintenance/Replacement Warranty</b>	1	Nos	
2	<b>Batteries</b>	UF 5000	<b>Pylontech Lithium ion Battery, UF 5000, 100AH, 51V</b> Maintenance Free Battery With Standard Warranty	5	Nos	
3	<b>Battery Stand</b>	...	<b>Battery Stand,</b> Made of MS Angle, Painted, for keeping Batteries	1	Set	
4	<b>Accessories.</b>	Accessories	<b>Local Material including following items:</b> -DC Cables, 6mm-1000V copper. -AC Cables 6mm- Standard size -AC & DC disconnections switches. -Duct/PVC Pipes/Flexible pipes. -Control box/change over. -MC4 connectors etc. -complete in all respect.	1	Set	
5	<b>Installation etc.</b>	---	Installation, testing & commissioning of the complete system.	1	Job	
<b>GRAND TOTAL WITH GST</b>						

<b>OPTION-2 (Tall Tabular Batteries)</b>						
Sr. No.	Product	Model	Description	Qty	UM	Total Price with GST
1	Hybrid Inverter	Solis-15KW	<b>Solis-S6-EH3P15K-L-PRO (1 Nos.) Hybrid Inverter,</b> WiFi monitoring available-iphone & android app available(WiFi/GPRS Real time monitoring)  <b>5 Years Maintenance/Replacement Warranty</b>	1	Nos	
2	Batteries	Tubular	<b>Tall Tubular Batteries</b> 185AH, 12V Exide/Osaka Batteries or equiavlent With standard Warranty	16	Nos	
3	Battery Stand	...	<b>Battery Stand,</b> Made of MS Angle, Painted, for keeping Batteries	1	Set	
4	Accessories.	Accessories	<b>Local Material including following items:</b> -DC Cables, 6mm-1000V copper. -AC Cables 6mm- Standard size -AC & DC disconnections switches. -Duct/PVC Pipes/Flexible pipes. -Control box/change over. -MC4 connectors etc. -complete in all respect.	1	Set	
5	Installation etc.	---	Installation, testing & commissioning of the complete system.	1	Job	
<b>GRAND TOTAL WITH GST</b>						

**NOTE:**

- See attached **Annexure-A** for already installed solar system and plates. The system outlined above will make use of solar plates that have already been placed.
- See attached **Annexure-B** for a list of items requiring backup solutions and quotes.

**4.0. Offer Summary**

Business name: \_\_\_\_\_

Name of Regulator Authority where your business is registered: \_\_\_\_\_

GST No: \_\_\_\_\_

NTN number: \_\_\_\_\_

Focal Person name: \_\_\_\_\_

Cell number: \_\_\_\_\_

Land Line number: \_\_\_\_\_

**5.0. Letter of Submission**

*The following letter must be completed and submitted with your sealed quotation.*

**To: TDEA, Plot No.3-A, Class III Shopping Centre, Muslim Market, Street 65, Sector F-10/3, Islamabad.**

**Attention:** Procurement Department

**Reference:** ITB No. - 436

To Whom It May Concern:

I hereby present the enclosed proposal in response to the above-referenced ITB .

I hereby acknowledge and agree to all of the terms and conditions, special provisions, and instructions included in the above referenced ITB. I further certify that the business named below—as well as the business’ principal officers and all commodities/services offered in response to this ITB —are eligible to participate in this procurement under the terms and conditions of this solicitation.

I certify the following: “The business named below, to the best of my current knowledge, did not provide, within the previous ten years, and will take all reasonable steps to ensure that it does not and will not knowingly provide, material support or resources to any individual or entity that commits, attempts to commit, advocates, facilitates, or participates in terrorist acts, or has committed, attempted to commit, facilitated, or participated in terrorist acts.”

**The prices quoted in this offer are valid for 30 Days.**

I hereby certify that the enclosed representations, certifications, and other statements are accurate, current, and complete, to the best of my knowledge.

\_\_\_\_\_  
Business name

\_\_\_\_\_  
Name and title of authorized representative

\_\_\_\_\_  
CNIC Number

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

TDEA has already installed following solar system. Backup solution will use already installed solar plates as specs are given below;

<b>S. No</b>	<b>Quantity</b>	<b>U/M</b>	<b>Description of Already Installed System</b>
1	1	No.	<b>Solis-S5GR3P30K, 30-KW On Grid Inverter</b> (already installed)
2	43	No.	<b><u>Canadian Solar/Jinko Solar 580/585 Watts:</u></b> Bifacial N type A+ Grade panels Tier-1 panels (Total Capacity 25 kW) (already installed)
3	1	Job	<b><u>Earthing:</u></b> Earthing of Solar Power System: • Earthing of Solar Panels/Lighting Arrestor/Inverter. • Earthing pit/digging/Earthing wire/Earthing Material. (already installed)

**Annexure-B**

TDEA solicited sealed bids for backup solutions for the following items during the day and night, using current solar plates already installed for a 25KW solar system.

<b>DAY TIME</b>			<b>REQUIRED BACKUP TIME</b>
<b>Units</b>	<b>Description</b>	<b>Total Watts</b>	
1	Server Machine	500 Watts	<b>4 Hours Backup Required</b>
9	Tube Lights	9x40 = 360 Watts	
9	Ceiling Fans	9x100 = 900 Watts	
11	CCTV Cameras + DVR	11x65 = 715 Watts	
19	Laptops	19x70 = 1,330 Watts	
2	AC 2.0 Ton	2x2000 = 4000 Watts	
1	AC 1.5 Ton	1x1500 = 1500 Watts	
<b>Total watts for Day Time: 9,305 Watts</b>			
<b>NIGHT TIME</b>			<b>REQUIRED BACKUP TIME</b>
<b>Units</b>	<b>Description</b>	<b>Total Watts</b>	
1	Server Machine	500 Watts	<b>12 Hours Backup Required</b>
11	CCTV Cameras + DVR	11x65 = 715 Watts	
7	Emergency Lights	7x100 = 700 Watts	
<b>Total watts for Night Time: 1,915 Watts</b>			