

## Re-REQUEST FOR QUOTATIONS RFQ-0621/03/SDF

Sungi Development Foundation (SDF) invites sealed tenders for the Design, Supply, Installation, Testing and Commissioning along with After Sales Service of 3 Phase On-Grid Solar System for our office building, located in Al-Fatah Market G-9/3 Islamabad, with all equipment as per listed Below. The price should be mentioned including all accessories, transportation, installation, and other service charges. Other terms and conditions, where applicable, will be as under:

**I. Closing Date for Submission of Tenders:**

The last date for submission of tenders is 12<sup>th</sup> July 2021 at 1100 hours. The tenders must be submitted (Hard copy only) by post at the below mentioned address of Sungi Development Foundation, Islamabad, Pakistan:

**Deputy Manager  
Administration**

House No. 272, Main Double Road, E-11/1, Islamabad, Pakistan

Tel: (+92 51) 8433771 email: [abdur.rahman@sungi.org](mailto:abdur.rahman@sungi.org)

**II. Validity of Tenders/Offers:**

The Tenders/offers for project shall remain valid for acceptance at least for 60 days from the date of tender closing/opening i.e. 12<sup>th</sup> July 2021.

**III. Prices:**

The tenderers/bidders are advised to quote prices/rates on turnkey basis for project and quoted prices/rates should be in PKR only. The prices should be valid for 60 days and all types of Government Taxes/duties/fees must be included where applicable. The Taxes if applicable and not mentioned in the bid will be borne by the bidder(s).

**IV. Technical Specifications:**

The technical specifications for Solar PV panels and other items of the complete system are described as per list at page 4. The tenderers should not deviate from these technical specifications and should submit complete details of the item(s), technical design of Solar system and send authentic literature/specifications along with their tenders/offers, traceable

to the genuine manufacturers or testing laboratories/institutions.

**V. Delivery/ Installation:**

The complete On-Grid Solar System must be supplied and installed by selected contractor(s) in the office buildings in G-9/3 within One Month of the receipt of a firm Work Order.

**VI. Warranty:**

The On-Grid Solar system will be supplied and installed under warranty to the effect that these conform to the quality, make and specifications accepted by SEC. All the equipment should be correctly packed, supplied, installed and must be free from any defect(s) and damages. If any fault or un-serviceability in warranty period shall be rectified/ replaced at the cost of supplier.

**VII. After Sales Service:**

The After Sales Services including remote monitoring (preferred if provided) of the system and maintenance for On-Grid Solar System must be provided for free during warranty period and the party should also submit a separate Service Level Agreement (SLA) applicable after warranty period in the technical proposal.

**VIII. Installation & Maintenance:**

The satisfactory installation/commissioning of the On-Grid Solar System must be done free of charge by the supplier(s) or his agent(s) at selected building(s) defined in the Work Order to the satisfaction of SDF. The bidders must have local installation companies as partners for project and the local partner must have a proper workshop for the maintenance/ service support and experience.

**IX. Training of personals:**

The supplier shall be responsible for training of 02 persons of the user in building for day-to-day handling of the installed system.

**X. Bid Submission Quote:**

The financial proposal should cover Design, Supply, Installation, Testing and Commissioning along with after Sales Service of 3 Phase On-Grid Solar System for selected office buildings in G-9/3. The technical and financial proposal for each project location must be submitted

separately. The Financial proposal should also include annual cost of service after warranty period i.e., SLA.

**XI. Payment:**

No mobilization advance will be issued to the selected contractor(s) for the project. The total contracted payment will be released only after successful completion of the project and its subsequent acceptance by SDF.

**XII. Bid/Tender Opening procedure**

- a. The bids for project location G-9/3 must comprise a single package containing two separate envelopes. Each envelope must contain separately the financial proposal and the technical proposal indicating the name of project location;
- b. The envelope shall be marked as "Financial Proposal" and "Technical Proposal" in bold and legible letters;
- c. Initially, only the envelope marked "Technical Proposal" shall be opened;
- d. The envelope marked as "Financial Proposal" shall be retained in the custody of SDF without being opened;
- e. The technical proposal shall be evaluated in a manner prescribed in the tender documents, without reference to the price and any proposal may be rejected if it does not conform to the specified requirements/specifications;
- f. No amendments/change on technical specifications in the technical proposal shall be permitted and SDF will not accept any conditional proposal. All such proposals will be rejected.
- g. The financial proposals of bids meeting the technical specification after technical evaluations shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance. The financial bids of technically unsuccessful bidders will be returned unopened after technical evaluation.
- h. The Tenders for project locations should reach by 1100 hours on 18<sup>th</sup> July 2021 at the address of SDF office.

**XIII. Acceptance of Tender(s)/Offer(s):-**

Sungi Development Foundation reserves the right to reject any or all the tenders. Any query or clarification with reference to the tender may be addressed to Mr. Abdur Rahman, Deputy

Manager Administration at his email address ([abdur.rahman@sungi.org](mailto:abdur.rahman@sungi.org) )

## Technical Specification.

Design, Supply, Installation, Testing and Commissioning along with After Sales Service of 20 kW, 3 Phase On-Grid Solar System for SDF office building in Al-Fatah Market, G-9/3 Islamabad as per the following technical specification:

S No.	Product	Description	QTY		Unit Price	Total Price
01	PV Panels	20 KW (540w) of Solar PV Crystalline Silicon (poly-crystalline silicon) Panels (PV Cells of USA/Canada/Japan/Germany or Equivalent) of A-class, only tier-1 as per the latest Bloomberg listing, with 10 years manufacturing Warranty and 25 year linear performance warranty. The actual annual power decline should be no more than 0.7%. By the end of year 25, the actual power output should be no less than 80% of the labeled power output. The Panels should have more than 0.75 fill factor. The following information about the PV Panels and its Solar.	38	Nos		
02	CAT-20K-G/ AOTAI Inverter 20KW	20KW On-Grid Inverter with conversion efficiency upto 98.8% MPPT efficiency upto 99.5% (Online system Monitoring via Web/Mobile App)	1	Nos		
03	Fixed Frames structure	Rust Protected Frames & Fixtures for PV panels. Strong enough and capable to withstand high speed wind long life structure for 38Nos Panels)Special Structure	1	Job		
04	Local Material	AC Power Cable, DC Wire, Earthing Wire and Earthing Rods upto one meter Length, Lighting Arrestor, Breaker on DC Side, SPD and AC Side.	1	Job		
05	Installation	Installation of Panel Testing & commissioning, complete in all respect.	1	Job		
06	Net Metering	Net Metering License & Bi-Directional Meter	1	Job		

## Technical Evaluation Criteria

Item of description	Mandatory /Minimum prerequisite
<b>Experience</b> Supplier Profile & Past Experience	Provide complete profile for following: a) Company expertise b) Expertise in the field of solar PV c) List of major executed projects in last two years
<b>Technical approach</b> Specifications and Data Sheets attached	Provide the following documents of the proposed equipment: a) Specifications and OEM certificates b) Required IEC certifications and test reports c) A written project execution plan d) A written Project Quality Plan e) Drawings of provided equipment (Solar Panel Structure)
<b>Staff/Personal</b> Certificate of training for system installation	a) Firm must have at least five Engineers with one Engineer (Professional) trained in solar energy. b) Engineer with Net-Metering training Certificate (if any)
<b>Registration</b>	Firms must be on list of active Tax Payers and GST in their country of origin (Submit tax registration certificates)
<b>Authorized Dealership</b>	Firm must attach the certificates for authorized dealership of major products i.e. PV Modules, Inverters, Batteries.

## Description of project location in G-9/3

**Name and address:** Sungi Development Foundation Plot # 2-C, Al-Fatah Market G-9/3 Islamabad.

**Area of roof-top:** Approx. 150 m<sup>2</sup> (Length 45 feet, Width 36 feet)

**GPS Coordinates:** 33° 41' 43.6" N  
73° 02' 03.3" E

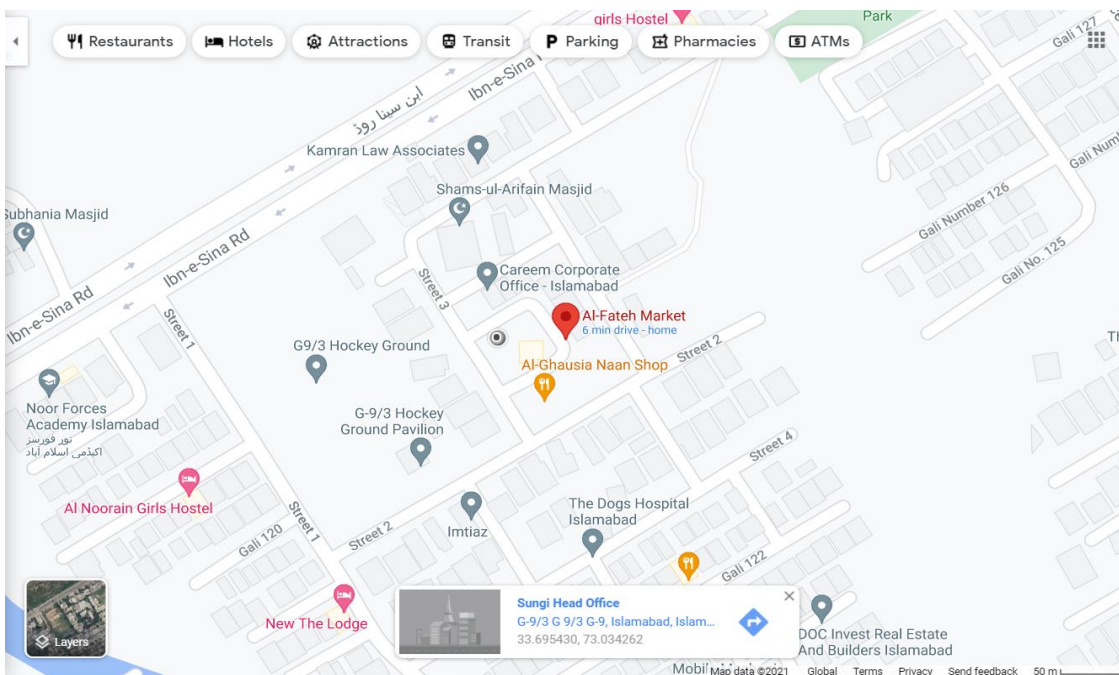
**Roof-top elevation:** 18.37 meters

**Electrical load:** 15 kW

**Critical load:** 10 kW

**Roof-top type:** Rooftop is cemented with covering of iso gam, no shadow of surroundings

### Google map location



All quotations must be received latest by 11:00am 12, 2021 at the address given below:

**Sungi Development Foundation**

**271, Main Double Road, Sector E-11/1 Islamabad, Pakistan Tel: +92 51-8433771**