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| GSTIN NO: | 19ABBCS5489G1ZV |
| MSME UAM NO. | WB10D0019241 |
| START UP INDIA | DIPP60018 |
| NSIC GPEC NO. | NSIC/GP/SKO/2020/0044096 |

SARN Solar Solution Private Limited

CONTACT NUMBER:-9432689034 / 7003792405/ 9331779747 / 7980181480

Whats app No.: 9432689034 / 7980181480

WEBSITE: www.sarnsolar.in

Mail ID: sarnsolar@gmail.com / contact@sarnsolar.in

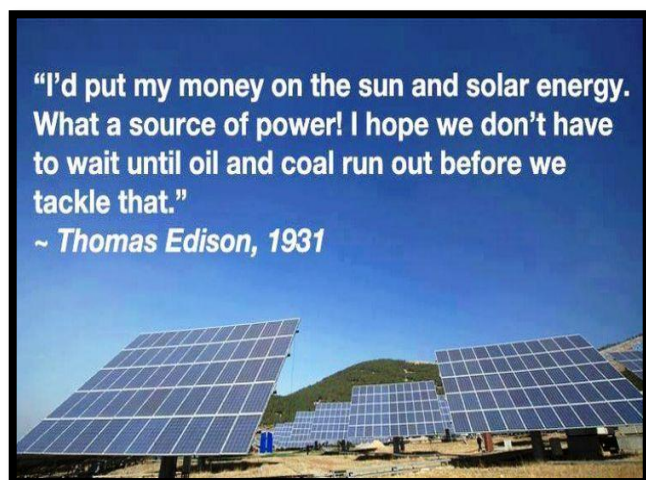


**** [SARN: "Sensitive Awareness through Revolution Network"] ****

Ref. No.: SSSPLPXXXXXX/01

Date: XX/XX/XXXX

PROPOSAL FOR ON GRID SPV ROOF TOP POWER SYSTEM (ON GRID *1* KW SYSTEMS)



Presented by:

Mr. Rakesh Naskar

Director

SARN Solar Solution Private Limited

Presently involve in Research work
School of Energy Studies
Jadavpur University
Ex Assistant professor (11+yrs Experience)

Kind Attention: XXXX

Subject: Offer for *1 KW* on grid Solar PV System

Dear Sir/Madam,

With reference to our discussion and after site visit, we concluded that as per the approximate Lightening load, we will provide suitable system at your premises. Therefore, after accounting the cost effectiveness and studying the average minimum power requirement per hours; the balance of power would automatically be drawn from the existing Electricity Connection without any disruption.

We submit our Proposal of Supply, Installation, Testing and Commissioning of suitable On Grid SPV Power System.

*******After Work Order and Advance Payment We Will Provide SLD, Financial Report, Structure Design, Wind Analysis Report, Delivery Challan, And Project Commissioning Report & all necessary documents as per CESC/WBSEDCL Rules Followed by WBERC per Govt. Rules.**

****OUR ALL ONGRID PROJECT CERTIFIED BY MSME OR STATE UNIVERSITY RENEWABLE ENERGY DEPARTMENT****

Office Address:

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ON GRID SOLAR SYSTEM 1 KW SYSTEM QUOTATIONS:

| S.N | Item (System Parameters) | Basic Price (Rs. /-) | Applicable GST (Rs. /-) | Total Amount (Rs. /-) |
|---|--|-----------------------------|--|---------------------------|
| 1. | i) Solar Panels: 1 KW (335 WATT *3 NOS.) Supply and Installation of solar PV Modules [Make: Saatvik/Sova/HR/Reputed](All World Top Brands) [Rs.21/- per watt] ii) Solar On-Grid Inverter: MPPT Supply and Installation of Grid –Connected 1 kw corresponding IEC Standard (Make: Power-one /Radius/THEA/Reputed Brand) [Rs.19/- per watt] iii) Balance of System (BOS): Earthing kits, AC& DC cables, Main LT cable, cable trays, conduit pipes, tie, lugs, branch connector, MC4 Connector, ACDB & AJB Box, Lightening Arrestor, Mounting structures & Fastener nut, SS Nut as per requirement. [Rs.8/- per watt] | 48,000/- (48/- per watt) | HSN CODE: 85 (GST 12%) | 53,760/- |
| 2. | EPC & I&C (Engineering, Procurement & Commissioning): Design, Supply, Installation, Testing and Commissioning of Project Civil and mechanical & Electrical works | 5,000/- (5/- per watt) | HSN CODE: 9954 (GST 18%) | 5,900/- |
| Project Cost Exclude GST | | 53,000/- | | |
| Taxes ; GST Amount | | | 6,660/- | |
| **Transportation Cost on actual basis or at fixed value after final site survey** | | | | |
| Total Project equipments Cost for ON GRID Solar System (Inclusive of taxes, duties (Round of Figure :) | | | 59,660/- | |
| Total Project equipments Cost for ON GRID Solar System IN WORDS (Inclusive of taxes &, duties) | | | Fifty Nine Thousand Six Hundred and Sixty Only. | |
| Bank A/c Holder Name: SARN SOLAR SOLUTION PRIVATE LIMITED Bank Account: 920020063669568 IFSC: UTIB0001481 | | | | |

Revenue Generation Process :

1533 kwh*8/- = 12,264 /- * 5 years= 61,320 /- (Average Savings per month Rs.1,000/-; Guaranteed)

Return on Investment: Within 5 Years with Interest

Total Project life: 25 years and beyond this lifetime.

WEIGHT:

Weight of Modules: 23 kg X 3 = 69 kg

Weight of Structures & Foundations: 30 kg per KW i.e. 30 X 1 = 30 kg

Total Load on Roof: 99 kg.

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Technical Specifications for 1 KWp Rooftop power plant

| Sr No | Item | Specifications | Make |
|-------|--------------------------------|--|------------------------|
| 1. | Modules- Poly-crystalline | 335 Wp including module interconnection MC4 Connectors (Indian Make with RFID TAG) | Saatvik/Sova/HR |
| 2. | Grid-tie Inverter | Grid-tie On-line Solar String Inverters | THEA/Power One |
| 3. | BOS Components | 04 Sq. MM TUV approved Type 1, Solar Cable for DC side | Polycab |
| | Multi-strand Cable for AC Side | | Polycab/Havells/Mescab |
| | | MC4 Connectors suitable for 4 sq.mm Cable (Male & Female) | Multi-Contact |
| | | Solar LT panels with generation meter and MCCB for isolation | Siemens/L&T |
| 4. | Module mounting Structures | Module Mounting Structure on RCC rooftops – Hot Dip Galvanized (85 Micron) | Reputed |
| 5. | Grounding And Security System | Treated Earth Pits 50mm dia *30 m Cu Bonded Earth Rods with back fill compound. | Micro sense / Innove |
| | | Lightning Arrestor-ESE or Conventional type with Earth Pit | Micro sense / Innove |
| | | GI Strip (25 x 3 mm) for Plant Earthling | Reputed / SIGMA |
| 6. | Cable Trays and Accessories | Cable Tray of required sizes | MNRE Approved |
| | | Cable glands, lugs, ferruls etc | Reputed |
| | | HDPE/ PVC pipes | Reputed |
| 7. | Fire Fighting System | Danger Board | Reputed |
| | | Fire Extinguishers Equipments | Reputed |

Confirm to that our system as per latest condition of IEC equivalent BIS standard as specified below-

| BOS Item Component | Standard of Description | Standard Number |
|-------------------------|--|--|
| Power Condition | Efficiency Measurements | IED 61683 |
| Inverters | Environment Testing | IEC 60068 2 (6,21,27,30,75,78) |
| Charge Controller | Design Qualification | IEC 62093 |
| MPPT units | Environment Testing | IEC 60068 2 (6,21,27,30,75,78) |
| Cables | Central Test and Measuring Method PVC Insulation cables for Working Voltage up to and Including 1100 v UV resistant for outdoor insulation | IEC 60189 IS 694/IS 1554 IS/IEC 69947 |
| Switches /Circuit | General Requirements Connector safety | IS/IEC 60947 Part I,II,III |
| Breakers/Connectors | | EN 50521 |
| Junction Box/Enclosures | General | IP 65 (for Outdoor) IP 21 (For indoor) IEC 62208 |
| SPV system | Design PV stand –alone System design | IEC 62124 |
| | Verification | |
| Installation Practice | Electrical Installation of building requirement | IEC 60364 7-7 12 |

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General Terms & Conditions:

1. Warranty Terms:

Solar Panel: Performance output warranty – 25yrs. (10 yrs manufacturing Warranty)

Solar Inverter: Warranty for any manufacturing defect - 5 **years**.

System Installation: Workmanship Warranty - 3 **years**

Other Balance of material: Warranty as by manufacturer and as per approved guidelines.

2. Other Terms and conditions: Quotation validity: 30 days

Prices are for SITC (Supply, Installation, Testing and Commissioning).

3. Payment Schedule: A

30% Advance with Work Order for the Supply of Complete BOS Item. (Delivery: within 7 days) [Non-Refundable in case work order Cancelled]

50% Before Solar Panel, Solar Inverter Delivery at site (Delivery: within 15 days)

20% After Completion (Maximum within a week) of all works.

Our Offer Includes:

- Design, Engineering, Procurement, supply, commissioning & testing of complete system.
- Supply and Installation of 335 Watt modules.
- Hot dipped galvanized MS angle with fixed mounting structure with clamps. NA BUT UNDER OUR RESPONSIBILITY
- Inverter (*1*KW based suitable system MPPT Base as per IEC Standards).
- Cables. All DC cables will be UV from string to CB and then XLPE Al armored.
- Earthing kits lightning protection device –copper plate with neutral earthing, CI pipe for body earthing, array grid earthing.

The foundation and structures considered in our offer at present are based on certain generic assumptions

- technical parameters like wind speed and seismic zone.
- Mandatory electrical equipment spares are considered. (no module spares, but inverters spares considered)

Client's Scope

- 1. Provision of permission to work on site for I&C.
- 2. Provision of one living room with basic amenities at the factory premises for efficient flow of work and timely execution
- 3. Guidance/ arrangement of food facilities for Engineer & Labours during the erection stage
- (Food expenses paid by State University COLABORATED certified COMPANY SARN Solar)
- 4. Clear shadow free rooftop area for the installation of PV panels
- 5. Space for the installation and commissioning of electrical panels
- 6. Provision of NOC for installation and other paperwork for application
- 7. Facilities to be arranged by Buyer:
 - a) Electricity - Power shall be arranged by the Owner at its own cost i.e. Required at the time of Project Installation.
 - b) Water - Water arrangements will be done by the Owner with suitable storage arrangement if auto clean integrated at extra cost..

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Warranty does not cover

- 1. Damage, deterioration or malfunction resulting from:
 - 1.1. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - 1.2. Damage resulting from faulty planning and / or installation of the entire system.
 - 1.3. Repair or attempted repair by anyone not authorized by producer.
 - 1.4. Damage to or loss of any programs, data or removable storage media.
 - 1.5. Software or data loss occurring during repair or replacement.
 - 1.6. Any damage of the product due to shipment.
 - 1.7. Removal or installation of the product.
 - 1.8. Causes external to the product, such as electric power fluctuations or failure or insufficient ventilation
 - 1.9. Use of supplies or parts not meeting producer's specifications.
 - 1.10. Normal wear and tear.
 - 1.11. Any other cause which does not relate to a product defect.
 - 1.12. Damage caused by static (non-moving) images displayed for lengthy periods of time (also referred to as "burn-in").
 - 1.13. Damage to, or abuse of, the coating on the surface of the display.
- 2. Removal, installation, and set-up service charges.
- 3.1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
- 3.2. Any other damages, whether incidental, consequential or otherwise.
- 3.3. Any claim against the customer by any other party or by natural hazards never entertains by SARN Solar.

Required Space for Solar Plant

- Required for Solar Plant would be shadow free 80 sq.ft.PER KW SYSTEM

Duration of the work

- *** Days from the firm work order and conformity to payment terms(which later) (DEPENDS ON SYSTEM)

Payment Schedule :

| Terms | Sequence of Payment in % | Amount in Rs. |
|--|--------------------------|--------------------|
| Advance along with the issuing of work order for Supply of BOS | 30 % | 17,898.00/- |
| Before Solar Panel and Solar Inverter Delivery at site. | 50% | 29,830.00/- |
| After completion of installation and commissioning (Within 7 days) | 20 % | 11,932.00/- |
| | TOTAL | 59,660.00/- |

Other Terms and Conditions:

- Bank / Other charges: All bank / other charges outside Kolkata will be on the account of the buyers.
- This quotation will be valid till **2 Weeks**. Place of Loading: Kolkata, West Bengal, India.
- Delivery: - Ex-Stock.
- Insurance: - No insurance will be paid by the seller. If buyer wants to make the transit insurance then buyer can make it on his own by using original invoice before dispatch of the material.
- Freight charges from the warehouse of the supplier to the buyer's site shall be paid by the buyer on actual.
- Net meter/Net Billing liasoning as per Govt. rule at Client's scope but assist with SARN solar.

Schedule: Completion within 30 days from the date of Purchase order or Advance Payment whichever later.

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➤ Few Sample Projects of SARN Solar Solution Pvt. Ltd. :



Q. Why Client's first preference will be SARN Solar Solution Pvt. Ltd., no other company?

1. We are doing project in collaboration with West Bengal State University Renewable Energy Department. University Professor will visit so many times up to commissioning then that project will certify at university letter head as project Certified by concerned state university.
2. Four highly experienced Professors are advisor, director and governing body member of this company to make awareness program for sustainable future and also through execution by project to reduce carbon emissions & global warming.
3. All associate software we are applying to provide best optimized system which highly need academic background.
4. No headache from client's dimension after work order till the project execution. Total responsibility up to net metering of SARN Solar
5. Three years free maintenance support

So,
Just trust us....
SARN Solar can assure u,
Gain better than your expectations...

From Company's documentation end...

Company start up India registered
•ISO Certified..
•MSME registered..
•Trade LICENCE
•Valid GST, current Account, IEC registered..
•PF ESI registered company
3 yrs cleared PTax updated.
GEM NSIC, MSME smart hub registered
WB tender online registered Company
MCA portal updated all ROC documents till date
These are company profile point of view
Company has completed Jadavpur university tender works.
Company has completed more than 150 kw On-Grid Solar Projects so far and 2 Projects of 300 Kw are in pipeline.
So again just trust us.
Again,
Just think for next generation.. Just try to reduce carbon emissions, try to do for society then
SARN Solar always with you....

We request you to trust us that we have proposed you with the best of the best products at the best possible cost. Our vision is to spread this awareness about the benefits of clean & green energy. Please feel free to contact us in case of any further clarification/ query.

Thanking You

Yours Truly,

From,

Mr. Ayan Ghosh

(Mob: 9831289698)

Executive Engineer

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