



GENERATE YOUR OWN POWER

On private, residential, Commercial
& industrial buildings



॥ आदित्यं नमस्तुभ्यम्, त्वरितं फलदायकम् ॥

www.tvaritenergy.in

TVARIT IS POWERING A CUSTOMER

Revolution to clean, affordable
and locally generated **energy.**



Customer Name

: **Brijesh From BOM**



Location:

: **pasodara**



Proposed Capacity:

: **5**



We are building a more
resilient electric grid and
doing it at a massive scale
and at a rapid pace.



Confidentiality & General Conditions Notice

This commercial proposal for installation of solar rooftop power system (the "proposal") is submitted with the intent of executing a definitive and legally binding agreement (the "agreement") following an award of business to Tvarit Energy LLP. ("Tvarit").

The Proposal itself is a legally binding offer to contract and in the event of an award to Tvarit Energy, it shall execute an Agreement that will be the complete agreement between the parties; however, where the parties do not execute any such Agreement, then the terms and conditions mentioned in this Proposal shall govern any purchase order(s) issued by the Customer in reference to the installation of rooftop solar power system.

This Proposal constitutes confidential and proprietary information of Tvarit and requires that customer treat the information contained in this proposal as confidential. Customer may use the information contained in this proposal solely for the purposes of evaluating this proposal & executing the agreement with Tvarit. This proposal & all supporting documentation and manuals provided to customer in connection with this proposal shall remain the property of Tvarit & must be returned immediately upon request.

This proposal is based upon the set of requirements provided by customer to Tvarit, and certain reasonable assumptions taken by Tvarit and that may be set forth by owner. If customer alters the requirements or if any assumption stated here in are false or inaccurate, then this proposal, including pricing, may change. Implementation of any services detailed in this proposal is subject to applicable legal and regulatory norms and requirements in force as on the date when services are to be implemented and such implementation may vary to cater to the requirements of such applicable legal and regulatory norms and requirements.





Scope Of Work

Our Scope

- Design, Supply, Installation, Testing and Commissioning of Rooftop Solar Power Plant
- Complete Feasibility Study and Solar Power plant Design & Engineering and Coordination and approval from CEIG, DISCOM.
- Supply of all equipment of solar PV power plant as per the BOM offered (including their Packaging, Forwarding, Applicable freight charges & transit insurance).
- On-site Complete Installation & Commissioning including performance testing of the system. System analysis, technical reports, training to client personnel for the O&M and other recommendations if any.
- Standard Warranty of the Equipment for continuous & un-interrupted working of solar plant.
- Inverters shall be installed near to PV Area / Along the Shed. Existing Cable trays & cable trench for evacuation at site if any shall be used for Cable Laying and Routing. Tvarit scope is limited up to cable interconnection at LT Panel.





Scope Of Work

Customer`s Scope

- Structural stability report of the roof, Documentation support for CEIG.
- Net Meter & Net Metering Approval costs from DISCOM (if required). Any changes to meter / network such as CTs / PTs, canopy / box, transformer, metering cubicle, Sanction Load enhancement etc. (if required) will be in customer's scope
- Supply of all equipment of solar PV power plant as per the BOM offered (including their Packaging, Forwarding, Applicable freight charges & transit insurance)
- Storage for materials at site, Onsite security for materials & Personnel, Water, and power during execution.
- Computer and internet connectivity.
- Any official DISCOM charges for their report / supervision / network changes / Bank Guarantee.
- Area should easily be accessible for smooth movement of men & material, installation, and maintenance. Provision of Space for Indoor LT Panel, ACDBs and Inverters.





Bill of Material

No.	Product / Item	Make	Technical Specification
1	Solar PV Module	Credence/Waaree	540Wp Bifacial
2	Solar Grid Tie Inverter	Sungrow / Polycab / Sofar	Outdoor String Inverter Capacity 50 KW x 2 Nos
3	Module Mounting Structure	Hindustar	60 x 40 Rafter and Leg , 40 x 40 Perlin
4	DC Cables	Polycab / RR or Equivalent	4 Sq. MM x 1 Core Cu Flexible
5	AC Cables	Polycab / RR or Equivalent	Alluminum Armoured (Cabel Size As per plant design and site requirement)
6	Cable Tray	EPP/Aum/Aeron or Equivalent	Galvanized Coating Gi Perforated
7	Walkway	EPP / Aron / Makwell or Equivalent	FRP Material Walk Way Size - 310 x 25 MM
8	LT Panel / ACDB	Havelles, L&T, & Schneider System house	As per plant design and site requirement
9	Earthing	Vasudha / Connect Earth / Eliva or Equivalent	50 mm die / 3 Meter Depth HDGI Chemical Earthing
10	Lightning Arrester	Vasudha / Connect Earth / Eliva or Equivalent	As per IS / Electrical Standard (LA Cabel any reputed make)
11	Hardware	Perfect / Sunshine or Equivalent	SS 304
12	Panel Cleaning System	Finolex / Astral or Equivalent	NA
13	Balance of System	Any Reputed Make	As per IS / Electrical Standard (As per plant design and site requirement)
14	Generation Meter	Secure / HPL or Equivalent	As per DISCOM Specification
15	Inverter Canopy	-	As per plant design and site requirement



Commercial Offer

Price for Design, Supply, Installation,
Testing & Commissioning

No.	Product / Item	Amount
1.	Supply, Installation, Testing & Commissioning of 5 kWp Grid Tied Solar Power Plant with Solar Panels, Solar Inverter, Module Mounting Structure & BOS.	Rs. 2000.00/-
2.	GST	Rs. 10/-
3.	Total	Rs. 200.00/-

Note:

- NEW ONE :- OK PRODUCT RECIEVE... :)



General Terms & Conditions

- **PRICE: :-**

The price quoted in this Proposal is inclusive of design, manufacturing, sourcing, testing, installation, supply & commissioning, as per the bill of materials & ratings submitted by Tvarit along with the final offer. Any change in scope of work or addition to the bill of materials and / or ratings or any variation, whatsoever, shall be charged extra to Customer.

- **THE PRICE QUOTED IS CIF-SITE AND IS FIRM :-**

The price is exclusive of any taxes, annual maintenance charges or comprehensive maintenance charges or operation & maintenance charges. Any statutory variation in taxes and duties from the date of submission of this proposal including change of rates for Solar PV System and / or its parts / components / equipment's under GST, imposition of Antidumping Duty (ADD) and / or Safeguard Duty (SDD) on imported modules and cells by the Government of India would be to the clients account and shall be payable by the client at actuals.

- **PAYMENT TERMS: :-**

The payment terms applicable are as follows: A. 20% of Advance amount of total contract value to be paid by Customer along with the Purchase Order B. 40% of total contract value to be paid by customer after getting approvals from nodal agency. C. 30% of total contract value to be paid by customer along with the readiness of material before dispatch. D. 10% of the total contract value within 7 days of installation and commissioning of the plant.

- **VALIDITY OF OFFER: :-**

The price quoted by Tvarit along with this Proposal is valid for 15 days and thereafter the same shall be subject to reconfirmation by Tvarit.

- **TAXES, DUTIES AND RATES: :-**

Tvarit at its sole discretion shall have the liberty to raise invoices from any location in India. All the applicable taxes shall be payable by the Customer at actual. Any Variation in taxes & duties as per the statutory requirements or Government notifications will be applicable at the time of supply. Any other taxes / Octroi applicable will be extra to be paid by the customer.

- **INCLUSION OF / EXCLUDED ITEMS: :-**

Any items not mentioned in the bill of material shall be charged extra and will be to customer's account.

- **ACCESS AND PERMITS: :-**

The Customer shall ensure the accuracy of all information and / or data to be supplied by the Customer and shall be responsible for acquiring and providing legal and physical possession of the Site and access thereto, for preparation and maintenance of proper access roads to, and provide the right of way for, the site, and for providing possession of and access to all other areas reasonably required for the proper execution of the contract work, including all requisite rights of way. Customer shall ensure handing over valid road permits (multiple numbers depending on number of truck loads) Tvarit at least five (5) working days prior to dispatch of any supplies.

- **INTERRUPTIONS IN WORK: :-**

The Customer must not interrupt the works, and/or shall abstain from any act or Commission of which it can reasonably be expected that it may delay the works or make the works more difficult and or expensive for Tvarit Energy.

- **DEEMED EXPORT OF POWER: :-**

The Project shall be termed as commissioned when Tvarit evacuates the power generated to Customer grid. However, incase where Tvarit has completed its duties as per the scope of duties mentioned in the Purchase Order, and the Project cannot be commissioned due to any act / inaction on the part of Customer, or due to unavailability of Customer grid, then the Project shall be deemed to be commissioned and Tvarit shall be deemed to have completed its part of obligations under the Purchase Order.

- **WARRANTY: :-**

The solar power plant carries a FIVE (5) years' warranty against any manufacturing defects, as per existing warranty policy Tvarit Energy. Solar photovoltaic modules carry a performance warranty against excess of 20% degradation in TWENTY-FIVE (25) years as per existing warranty policy of Tvarit Energy. Tempering, Misuse, addition, dismantling, reinstallation of any of the system components by unauthorized personnel will render warranty null and void.

- **SECURITY & SAFETY: :-**

On delivery of supplies to Customer's site in good condition, Customer shall be responsible for safety & security of the materials till handing over of the same to Tvarit designated personnel for installation. In case there are public disturbances at site which are not exclusively attributable to Tvarit, Customer shall resolve the same at its own risk & cost, for smooth execution of the project by Tvarit. In such case, Customer shall provide safety & security for the Tvarit designated personnel working at site. Any delay in execution or damage of materials due to public disturbances at site shall be attributable to & compensated by Customer.

- **CIVIL & STRUCTURAL WORK: :-**

Tvarit limits itself to providing structures for its module mounting on RCC roofs and raised structures (raised structures will be provided by Customer). Any changes in design which are attributable to Customer shall be charged extra. Customer shall allow roof penetration for Installation of module mounting clamps on Trapezoidal Sheet profile. The customer shall allow scrapping of the roof for binding civil foundation, hole fastening the structure on the roof or bolting on the shade roofs. However necessary water proofing treatment shall be taken care during the installation. Any additional ground leveling or earthfilling if required as per the site conditions shall be charged extra.

- **PERMISSIONS & NOCS: :-**

Necessary permissions from various Government authorities and departments for power evacuation shall be taken by the Tvarit. All the applications shall be done in customers name and necessary charges, fees and other expenses shall be paid by the customer which is included in quotation. However, we shall support for submission of plant related details & documents as required for filing applications. Bi-Directional and Energy Meter cost is extra.

- **OPERATION & MAINTENANCE (O&M): :-**

O&M charges and spares are not included in this offer. However, Tvarit is open to provide AMC Services in a separate contract.

- **GOVERNING LAW & JURISDICTION: :-**

All questions concerning the construction, validity and interpretation of this Proposal or any resultant Agreement will be governed by the laws of India, and the courts at Rajkot, India shall have exclusive jurisdiction with respect to any dispute that occurs hereof. No remedy described in this Proposal or any resultant Agreement shall in any way limit the parties' remedies available at law, in equity or otherwise in relation to any breach or threatened breach of the terms and condition of the Proposal by any defaulting party, and any party may seek a restrictive injunction from an appropriate court of law to safeguard its interests.



Bank Details

HDFC Bank Account details for online transfer


Name:	TVARIT ENERGY LLP
A/C No:	50200097654228
A/C Type:	Current A/C
Bank:	HDFC Bank
Branch:	Ground Floor, Opera Dream, Near Balaji Hall, 150 Feet Ring Road, RAJKOT-GUJARAT-360005
IFSC CODE:	HDFC0009028
MICR:	360240017



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