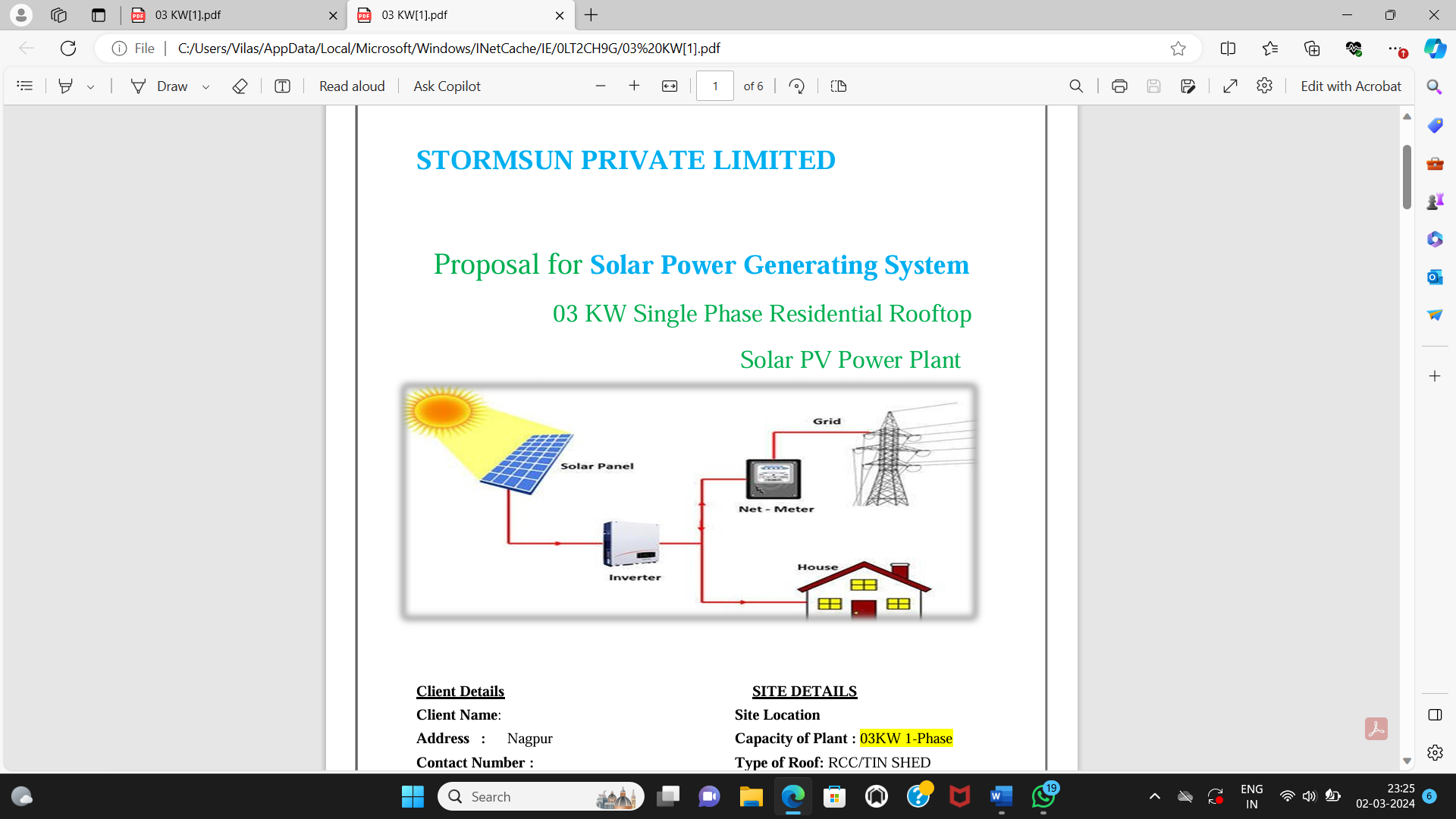
**M E MULTIPLE SYSTEM**

**Save energy for today and tomorrow**

Quotation For Solar PV Rooftop

**Date : 13/11/2025** Proposal for Solar Power Generating System 03 KW Single Phase  Residential Rooftop Solar PV Power Plant



**CLIENT DETAILS SITE DETAILS**

**CLIENT DETTAILS: RADHESHYAM S. PANDE SITE LOCATION: KANDRI**

**ADDRESS: KANDRI CAPACITY OF PLANT: 3KW 1-Phase**

**CONTACT NO: 7666815220 TYPE OF ROOF: RCC / TIN SHED**

**CONTACT DETAILS:**

**VILAS MISAR**

**9579017580 / 9545792624 / 911222770**

**Memultiplesystem2025@gmail.com**

M E Multiple System

Solar Energy & Fabricators

Ref. No: MEMS/VM/OCT-25

Date: 15-10-2025

## Proposal for Designing, Engineering, Supply, Installation &Commissioning of 3KWp Gri-Tie

**To,**

## MR.: RADHESHYAM S. PANDE

## KANDRI NAGPUR-441404

## 7666815220

## CON. NO. 421854728615

## RESIDENCIAL: - Single Phase

Dear Sir,

We are thankful for your enquiry regarding 03 KW solar PV Power plant and have Pleasure

in enclosing here with our offer with net metering.

The Solar Plant you indent to set up for capacitive usage shall unleash you following main benefits:

* Reduce electricity cost for next 25 years.
* Best utilization of rooftop space.
* You contribute to reducing pollution & carbon emissions.

We have an excellent servicing team well equipped & trained operation, maintenance & upkeep of solar System.

We hope our proposal meets your expectations.

Looking forward to hearing from you.

Thanking you & assuring you of our best and prompt services always.

Thanks & Regards

For

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Solar Energy & Fabricators,

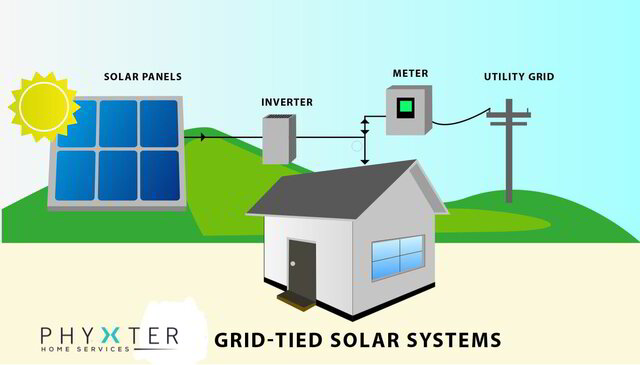
## SUMMARY OF PROPOSAL

|  |  |
| --- | --- |
| **Description** | **Details** |
| Proposed PV Plant Size. | 3KWp |
| System type | Grid-Tie. |
| Power generation/Month | 360 kw |
| Power generation /Year(expected) | 4320 kw |
| GST | Included |
| Total System Cost | **Rs**. **1,95,000** |
| Min. Annual Saving on average cost. | **Rs**. **56,160** |
| Investment Recovery without Subsidy | 3.6 Years |

## Definitions/Abbreviations

* PV: Photovoltaic
* MNRE: Ministry of new & Renewable Energy.
* MEDA: Maharashtra Energy Development Agency.
* NET METERING-Agreement with MSEDCL where power product during day can be exported in to the grid for credit, which can be utilizes at night or any other time.
* GRID TIE- System witch directly connected to the grid supply.
* 650 gm CO2 per Kwh for generation at a typical COAL-FIRED Plant.

## NET METERING REPRESENTATION



In Net- metering, solar panel provided the required power to load .if power produce by solar panel is

More than the load, then excess power are fed back to the electricity Board and consumer gets credited.

If load requirement is more than power produced by solar panels, then the remaining load is satisfied by the Electricity Board & consumer is charge for extra power only.

Satisfied by Electricity Board &consumer is charge for extra power only’

COMPONENT DETAILS

|  |  |  |  |
| --- | --- | --- | --- |
| **On-Grid System Specifications** | | | |
| ITEM | SPECIFICATIONS | MAKE | QTY/STANDARDS |
| Panel | DCR 545-Watt monocrystalline PV Module 3kw | **Kirloskar / Waaree** | 6 Nos |
| Inverter | Grid tie inverter Single phase 3kw With Wi-Fi kit. | **Kirloskar / Waaree** | 1 Nos |
| Cables/Wires | 4 sq.mm DC Cable for Module to module interconnection and for connecting to the DC junction box and to the inverter with MC4  Connectors | Polycab/RR Cables | IEC 60227/IS 694&IEC 60502/IS 1554  Voltage rating-1500volt dc. |
| AC Cables for connecting the inverter to the junction box & from  the junction box to the main LT Panel | Polycab/RR Cables | Voltage rating-1100 VAC |
| Mounting Structure | HDGI material  1.5X1.5 , 2X2 , 3X3 | Fortune / Orange | Standards |
| DC junction box | IP65 Array junction box with DC solar PV fuses/MCB for strings.  SPD for protection against lighting surge & voltage spikes. | Phoenix or equivalent | IEC 60364-5-53 |
| Distribution Board(AC) | AC Circuit breaker  Surge protection device Box in IP 20 enclosure | Phoenix or equivalent | IEC 60364-5-53 |
| Earthing | Separate Earthing for structure, inverter  Lighting arrestor with dedicated Earthing | Any reputed make. | Copper |
| Net Meter | Bi-Directional Energy Meter | Secure/L&T/HPL | MSEDCL Approved. |
| System Design | * Designed using high quality components, safety factor. * PV array and inverter sizing optimized to ensure highest system operating efficiency. | | |

COMMERCIAL

|  |  |
| --- | --- |
| **Description Amount** | |
| Supply, installation & commissioning for 3KWp grid Tied Solar PV System. | **Rs. 1,85,714.29** |
| GST@5% | **Rs 9,285.71** |
| Net Metering | Included |
| Total | **Rs. 1,95,000** |
| Load Expansion | Included |
| Structure 18% GST | Included |
| **GOVT. SUBSIDY** | **78,000** |
| **ACTUAL PROJECT COST** | **Rs. 1,17,000** |

SCOPE OF WORK

M E Multiple System

Solar Energy & Fabricators

* Detailed Engineering, Designing, Procurement & proper installation of the project as per the plant size &load.
* Warranty terms as mentioned below.
* Net metering arrangement on behalf of customer.
* Training to customer nominated personnel for maintenance of the system.

Client

* Arrangement of electricity, water for installation.
* Arrange suitable and secure place for on-site storage of material &equipment.

TIMELINE

|  |  |  |
| --- | --- | --- |
| **Sr.No** | **TASK** | **Time Duration** |
| 1 | Clear Work Order | Day 0-Day 2 |
| 2 | Detailed Engineering | Day 3- Day 7 |
| 3 | Procurement and installation of module, inverter, structure & installation. | Day 8-Day 45 |
| 4 | Commissioning | Day 45-Day 60 |
| 5 | Net Meter & Generation Meter Testing & Installation  (MSEB procedure) & Handling over | Day 60 - Day 90 |

\*Time period for load Expansion, Solar sanction & Net metering documentation work is totally dependent on MSEDCL official procedure.

\*All above Rate are Standard structure rate.

The customer will have to pay Load Extended charges. ( MSEB DEMAND/SECURITYDEPOSIT)

SERVICE SUPPORT AFTER INSTALLATION

* + CMC-5 YEARS WARRANTY
  + Solar Module-1) 15 years performance warranty

2) 10 years product warranty.

* + Inverter - 07 years Replacement warranty.

TERMS & CONDITIONS

Payment- Advance 10%: on Panel Delivery, and Inverter Delivery: 85%: Commissioning: 5%.

1. The Electricity generation is based upon monthly average isolation data for given geographical location, M E MULTIPLE SYSTEM assumes no responsibility for variation due to weather or environmental reasons.
   * Power generation terms
2. Grid availability of 100%.
3. Panel should be cleaned ones in 7-15days.
4. Any problem in inverter or any other down time should be reported in 24 hrs.
5. The equipment supplied are for solar power generation at side under authority of customer and may not use in any manner otherwise.
6. Failure to pay as per this offer shall entitle, M E MUTIPLE SYSTEM to suspend furtherance of supply and initiate legal action to recover cost &damage.
7. Customer agrees to offer free access M E MUTIPLE SYSTEM nominated representative to inspect, monitor and upgrade the condition of equipment supplied under this offer.
8. For any additional work not mentioned in quotation or any additional quantities of item over & above those motioned in quotation, will charge extra.
9. This offer is confidential and cannot be reproduced, transmitted or contents here-in shared, in verbal, physical, or electronic form without explicit permission from M E MULTIPLE SYSTEM
10. Duration of project depend upon pre-requisite condition along with advance payment & availability of required material.

**For Customer For**  M E Multiple System

|  |  |
| --- | --- |
| **BANK DETAILS** |  |
| **NAME:** | **M E MULTIPLE SYSTEM** |
| **BANK NAME: -** | **BANK OF INDIA** |
| **BRANCH: -** | **MANSAR** |
| **A/C NO.** | **877020110000167** |
| **IFSC CODE** | **BKID0008770** |
| **ACCOUNT TYPE** | **CURRENT** |

Document Required for Load Expansion, Net Metering :

* + Latest Electricity bill
  + Bill paid receipt
  + Photo copy of PAN Card –self attested
  + Photo copy of Aadhar Card –self attested.
  + Photo copy of tax Receipt.
  + Photocopy of ownership document.
  + Mobile number.
  + Email id.
  + Bank Passbook Printout for subsidy customer