



AMAR SEWA MANDAL'S (Regd No. : M/220/78 NGP) F-2299 (N)

# KAMLA NEHRU MAHAVIDYALAYA

(ARTS, COMMERCE, SCIENCE & MANAGEMENT)

SAKKARDARA CHOWK, NAGPUR - 440 024

Ph. : (0712) 2747853, 2747854, 2742308, 2749784, Fax : (0712) 2747853

e-mail : kncnag@rediffmail.com • website : www.kamlanehrucollege.ac.in



Certified by ISO 14001:2015  
& ISO 9001:2015



DR. (Smt.) SUHASINI G. WANJARI President Adv. ABHIJIT G. WANJARRI Secretary DR. DILIP S. BADWAIK Principal

## WORK ORDER

KNM / \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Date: 20th January 2025

Work Order No.: ASM/KNM/2401/2025

TO:  
Tech Force Services  
Nagpur

Subject: Work Order for Installation of 75 KW Grid-Tied Rooftop Solar Power System

Dear Sir,

We are pleased to issue this work order for the **design, supply, installation, commissioning, and licensing** of a **75 KW Grid-Tied Rooftop Solar Power System** at Kamla Nehru Mahavidyalaya, Sakardhara Road, Nagpur. as per your proposal (Ref. No.: TFS/24-25/919/KI) dated **10th January 2025**.

### Scope of Work:

1. **Design, Supply, Installation, and Commissioning** of the 75 KW Grid-Tied Rooftop Solar Plant at Price 24,00,000/- Incl GST
2. **Bill of Material:**

Item	Description	Make
Solar PV Modules	Mono/ Bi-Facial Solar Modules (540-550 Watts)	Icon/Novasys/Preimer
Solar Grid-Tie Inverter	Power conditioning unit with 98% efficiency, up to 30% overloading	K-Solare/Growatt
DC Cables	TUV-certified, UV protected DC cables	Apar/Microtek
AC Cables	LT Aluminum Armored (XLPE Coated), 1100V	Polycab
ACDB/DCDB	Powder-coated IP54 outdoor panels	MNRE Approved
Earthing Rods & Conductors	Copper bonded rods, IEEE standard	Excel/Reputed
Lightning Arrestor	Copper bounded	Reputed
Net Meter & Generation Meter	Bi-directional & unidirectional energy meters	L&T

#### Project Timeline:

- The system installation shall be completed within **90 days** from the date of receipt of this work order, subject to unhindered site access and clear instructions.

#### Payment Terms:

1. **20% (₹4,80,000/-)** upon issuance of the work order.
2. **70% (₹16,80,000/-)** upon submission of Proforma Invoice and before material dispatch.
3. **10% (₹2,40,000/-)** after the successful commissioning of the system.

#### Customer Responsibilities:

1. Provide plumbing for cleaning the panels.
2. Ensure the availability of water, electricity, and secure storage for equipment.
3. Provide internet connection/IP address.
4. Make necessary changes to the electrical installation to facilitate Net Metering.

#### Terms & Conditions:

1. **Warranties:**
  - 12-year product warranty and 30-year performance warranty on solar modules.
  - 8-10 years manufacturer warranty on inverters.
2. **Defect Liability:** One year from the date of commissioning.
3. **Licensing and Approvals:**
  - Tech Force Services will manage MSEDCL approval. Licensing charges (excluding the cost of the net meter) will be charged at actuals.
4. **Insurance:**
  - Transit insurance will be managed by Tech Force Services. Post-erection insurance is the responsibility of Amar Sewa Mandal.

#### Bank Details for Payments:

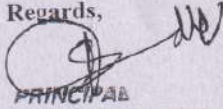
- **Bank Name:** ICICI Bank
- **Branch:** Besa Branch
- **Account No.:** 334905000744
- **IFSC Code:** ICIC0003349
- **Account Name:** Tech Force Services



We trust that this work order will be executed to our satisfaction and within the specified timelines.  
Should you require further clarification, please feel free to contact us.

Looking forward to your acknowledgment and timely execution of the project.

Thanks & Regards,



**PRINCIPAL**  
**Kamla Nehru Mahavidyalaya**  
**Sekkardara Chowk, Nagpur**

Authorized Signature  
Kamla Nehru Mahavidyalaya

*Smulaa*  
*29/11/25*  
**TREASURER**  
**AMAR SEWA MANDAL**  
**SANJANA CHOWK, NAGPUR**

*Received by Tech for Seives.*  
*Dinesh*



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DR. (Smt.) SUHASINI G. WANJARI President Adv. ABHIJIT G. WANJARRI Secretary DR. DILIP S. BADWAIK Principal

KNM / 7302 / 20/01/2025

Date: 20/01/2025

To,  
**TECH FORCE SERVICES**  
New Subhedar Layout  
Nagpur

Subject :- Work/Purchase order of Complete Solar Roof Top System Power Plant.

R/Sir,

Please supply the following material and work of Complete Solar Roof Top System Power Plant at Kamla Nehru Mahavidyalaya, Sakkardara Sq., Nagpur.

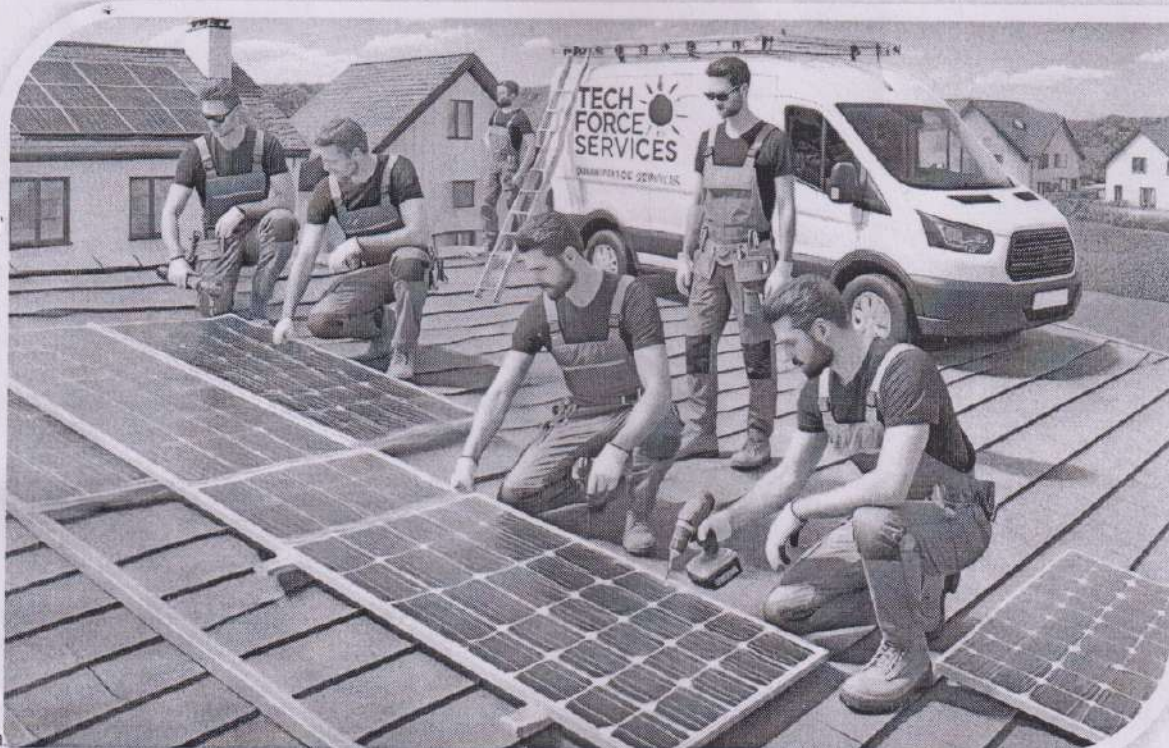
Sr.No.	Particulars	Total
1	Estimated Project Cost Solar Roof Top System Including all	24,00,000/-
2	GST 13.8%	
3	Tech Force Power Service for 5 Years	
	<b>TOTAL</b>	<b>24,00,000.00</b>

Abhijit  
Received  
20/01/25

1871/25



## SOLAR ROOF TOP SYSTEM PROPOSAL



CLIENT NAME	THE SECT. AMAR SEVA MANDAL (KAMLA NEHRU MAHAVIDYALA)
ADDRESS	SAKKARDHARA ROAD, RAGHUJI NAGAR, NAGPUR
PROPOSAL	75KW
REFERENCE NO.	TFS/24-25/919/KI
DATE	09/01/2025

Head Office :  
Plot No. 24, New Subhedar Lay-out,  
Infront of Gajanan High School, Nagpur - 440024

Factory Address :  
Plot No. A-20, M.I.D.C.,  
Kotgal, Gadchiroli -442605



A black and white photograph of a smiling man with a mustache, wearing a white dress shirt and a dark tie, giving a thumbs-up gesture. He is standing next to a large array of solar panels that are tilted towards the sun. The background shows a clear sky and some distant structures.

Plot No. A-20, M.I.D.C.,  
Kotgal, Gadchiroli -442605



**Tech Force Services** is a leading player in the solar energy sector, based in Nagpur and serving the Vidarbha region. With a legacy of six years in the renewable energy field, Tech Force Services has been at the forefront of delivering innovative and sustainable solar solutions to its diverse clientele.

## Services:

- **On-Grid Solutions:** Tech Force Services specializes in designing and implementing on-grid solar systems tailored to meet the energy needs of residential, commercial, and industrial clients. These solutions are seamlessly integrated into existing power grids, optimizing energy consumption and reducing costs.



- **Off-Grid Solutions:** Providing energy independence, Tech Force Services offers off-grid solar solutions that empower clients in remote areas or places with unreliable grid connectivity. These customized systems ensure a reliable and continuous power supply, promoting sustainability and self-sufficiency.

- **Solar Water Heater:** Tech Force Services excels in harnessing solar energy for water heating purposes. Their solar water heaters are designed to be energy-efficient, environmentally friendly, and cost-effective, catering to both residential and commercial applications.



- **Heat Pump Solutions:** The company extends its expertise to heat pump technologies, offering efficient and eco-friendly heating solutions for various applications. Tech Force Services integrates heat pump systems with renewable energy sources to enhance sustainability.

- **Automatic Cleaning System:** Tech Force Services understands the importance of maintaining optimal efficiency in solar panels. The company provides cutting-edge automatic cleaning systems that ensure the longevity and performance of solar installations, minimizing maintenance efforts.



- **AMC Contracts:** Tech Force Services offers Annual Maintenance Contracts (AMCs) to provide comprehensive support and upkeep for solar installations. These contracts guarantee regular inspections, preventive maintenance, and timely repairs, ensuring the longevity and efficiency of the solar systems.

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Infront of Gajanan High School, Nagpur - 440024

### Factory Address :

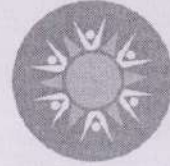
Plot No. A-20, M.I.D.C.,  
Kotgal, Gadchiroli - 442605

# TECH FORCE SERVICES

+91 - 7887888924, 25, 26  
info.techforceservices@gmail.com  
www.techforceservice.in

## • Clientele:

Tech Force Services takes pride in its vast client base, with over **1800 satisfied customers** across the Vidarbha region. The company's commitment to quality, reliability, and customer satisfaction has earned them a stellar reputation in the industry.



## • Mission:

To contribute significantly to the adoption of renewable energy by providing innovative, reliable, and sustainable solar solutions, ensuring a brighter and cleaner future for our clients and the community.

## • Director's Message:

Our aim is to empowering India and creating a Sustainable Future through Solar Energy. Our company policy is to do research activity to understand to needs of the market and provide the best possible solutions to our customer as far as quality, cost-effectiveness, and technology is a concern.

**Krunal Prakash Itankar**  
Director - Tech Force Services



## OUR VALUABLE CLIENTS



Many More Installation Across Vidarbha

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Kotgal, Gadchiroli - 442605



## FEW CLIENTS ACROSS VIDHARBHA REGION

SR NO	CLIENT NAME / COMPANY NAME	KW	SECTOR	SR NO	CLIENT NAME / COMPANY NAME	KW	SECTOR
1	Shri Saraswati Ginning & Pressing	200 KW	Factory	2	Shri Balaji Ginning & Pressing	180 KW	Factory
3	Nagarwala Cotex	120 KW	Factory	4	Shivam Ginning & Pressing	150 KW	Factory
5	Le-Prestige Apartment	100 KW	Apartment	6	Madhav Netralaya	60 KW	Hospital
7	SDPL Arihant II Apartments Condominium	75 KW	Apartment	8	M/S Avon Auto, MIDC	51 KW	Factory
9	A-square Apartment	61 KW	Apartment	10	Anjani Exotica	60 KW	Apartment
11	Imperial Garden	45 KW	Hotel	12	Satnam Coolers	60 KW	Manufacturing Pant
13	The Hotel chandraprasth	40 KW	Hotel	14	N.I.T E-Library	50 KW	Government Library
15	The Hotel Amarta	40 KW	Hotel	16	Anandam Hospital	45 KW	Hospital
17	Hotel Satya	30 KW	Hotel	18	Uday Creations Pvt Ltd	33 KW	Manufacturing Pant
19	Oasis Buildcom	20 KW	Apartment	20	Manohar Arcade	24 KW	Apartment
21	Rajesh Parate	30 KW	Residential	22	Hamarayan Apartment	52 KW	Apartment
23	Godrej Anandam Tower - B	20 KW	Apartment	24	DC Gurbaxani	28 KW	Residential
25	Godrej Anandam Tower - D	18KW	Apartment	26	Tirupati Bar & Hotel	20 KW	Hotel
27	Preety Homes	20 KW	Hostel	28	Indira Gandhi High School	20 KW	School
29	Omkar Apartment	15 KW	Apartment	30	Vishwas Doifode	20 KW	Residential
31	Visual Vibration	25 KW	Commercial	32	MIA	10 KW	Organisation
33	Raju Gurbaxni	45 KW	Residential	34	Gaurav Satpute	10 KW	Residential
35	Shau Garden School	25 KW	School	36	Sameer Paltewar	12 KW	Residential
37	Mahaveer Mevawala LTD	26 KW	Manufacturing Pant	38	Forbes Marshall	10 KW	Manufacturing Pant
39	Deven Sheth	20 KW	Residential	40	Bhumita Meshram	10 KW	Residential

**MANY MORE 1800+ HAPPY CLIENTS ACROSS VIDHARBHA**

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**PROPOSED BILL OF MATERIAL (BOM)**

ITEM	DESCRIPTION	MAKE
SOLAR PV MODULE	Mono Facial/ Bi-Facial Solar Module 540-550 Watts	Icon/Novasys/Preimer
SOLAR GRID TIE INVERTER	Power conditioning unit with efficiency above 98% with up to 30 % over loading	K-Solare/Growatt
MOUNTING STRUCTURE	Already Installed	
LEAKAGE PROOF LIQUID		
AC CABLES	LT Aluminum Armored (XLPE Coated) cable-1100 V	Polycab
DC CABLES	1000 V 1C x 4 sq.mm UV Protected DC Annealed Tinned- Copper, TUV Certified.	Apar/Microtek
ACDB/DCDB	IP54 – Outdoor Double Door CRCA Sheet, Powder Coated Panel	MNRE Approved
MC4 CONNECTORS	single-contact electrical connectors commonly used for connecting solar panels	Elmex
EARTHING DOWN CONDUCTOR	16 Sq. Mm (XLPE Coated single core)	Reputed
Earthing Rod	As per IEEE Standard Copper bonded 25 mm die Electrode 1mtr with 5 kg disco approved backfill chemical Compound	Excel/Reputed
Lightening Arrestor	Copper Bounded	Reputed
Net Meter	Net Meter Bi directional	L&T
Generation Meter	Operated Unidirectional Energy Meter	L&T



## SOLAR ROOF TOP SYSTEM PROPOSAL

Client Name: The Sect. Amar Seva Mandal (Kamla Nehru Mahavidyala)

Quotation Date: 09/01/2025

Panel: Icon/Novasys/Preimer

Inverter: K-Solare/Growatt

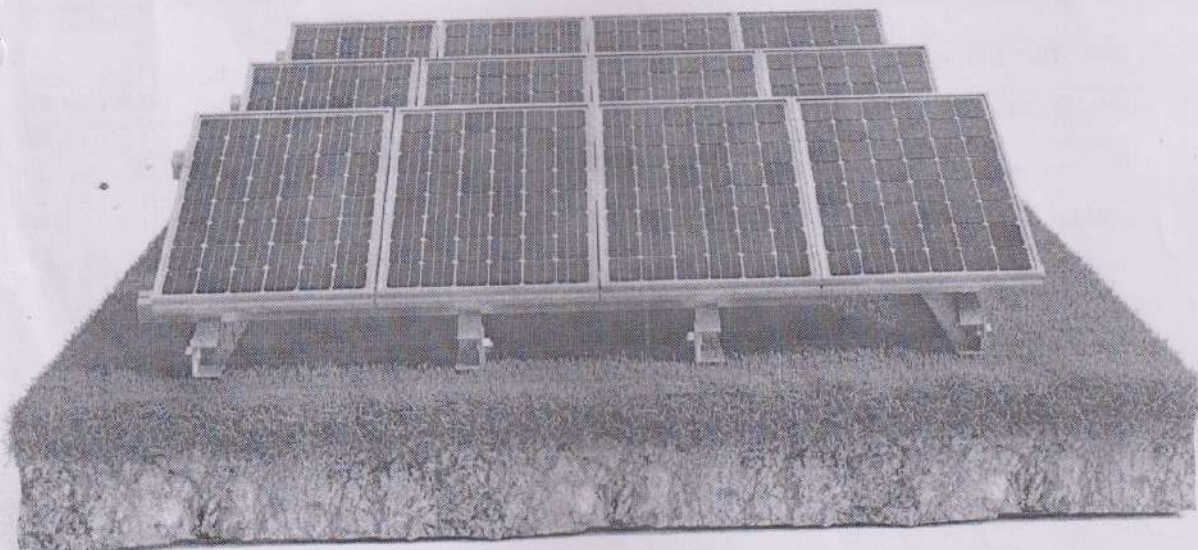
SR NO	DESCRIPTION	AMOUNT (₹)
1	Estimated Project Cost	₹23,25,000/-
2	GST 13.8%	₹3,20,850/-
3	Tech Force Power Service for 5 Years	Included
Total Price		₹26,45,850/-

We trust that the above terms will meet your requirements and provide us with the opportunity to demonstrate our capabilities in your esteemed organization. For any inquiries, please feel free to contact us.

Thanks & Regards,

*2400000 including all things 13/1/25*  
*Amey*  
*K. Blankar*

For, Tech Force Services  
Authorized Signature



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## General Terms and Conditions

CATEGORY	DETAILS
Location	Your premises at – Nagpur
Project Scope	Design, Supply, Installation, Commissioning, and Licensing of 75 KW Grid-Tied Rooftop Solar Plant (Net Metering with MSEDCL)
Bill of Material	As per attached document
Customer Scope	1. Plumbing for cleaning panels 2. Provide water, electricity, and secure storage 3. Internet connection/IP address 4. Changes to electrical installation if needed for Net Metering
Licensing Scope	Tech Force Services will handle MSEDCL approval (Licensing charges, except net meter, will be charged at actual)
Delivery	Components delivered and unloaded on-site (Tech Force Services to handle customs clearance and transportation)
Testing & Commissioning	Tech Force Services to prepare testing, commissioning, and acceptance plan for approval
Payment Terms	1. 20% against Work Order 2. 70% against Solar Sanction Letter 3. 10% after project commissioning
Insurance	Transit insurance by Tech Force Services; post-erection insurance by the customer
Defect Liability	One year from the date of commissioning
Warranties	1. 12-year product & 30-year performance warranty on modules 2. 8-10 years manufacturer warranty on inverters
Offer Validity	Offer valid for 15 days
Timeline	System installed within 90 days after unhindered site access and clear order (subject to timely payment)
Bank	BANK – ICICI BANK BRANCH – Besa Branch ACCOUNT NO. - 334905000744 IFSC CODE – ICIC0003349 ACCOUNT NAME – TECH FORCE SERVICES GSTIN – 27AFKPI0022F1ZZ



## Go Green, Go Solar ENERGY THAT MATTERS

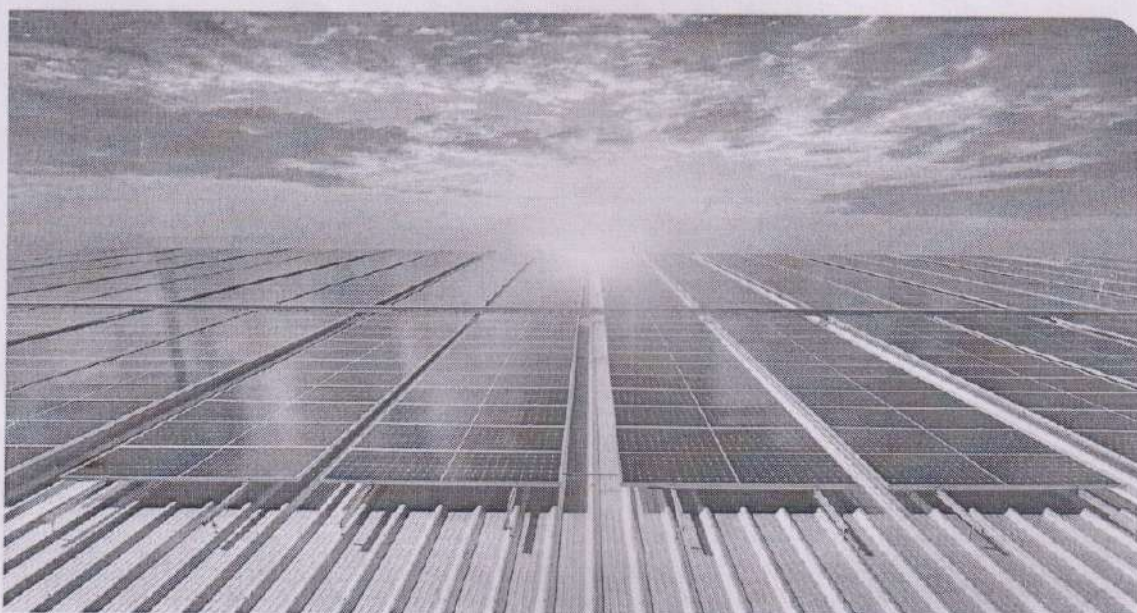
Solar energy has become a boom to the developing countries which are having poor electricity supplies due to the high cost involved in power production. Tech Force Services, a well-established enterprise founded in Nagpur in 2019 in the solar energy sector has been contributing towards the solar journey through its high-class installations and efficient solar power system.

Tech Force Services has been a front-runner in delivering innovative and customized solutions. We look forward to having long term relationships with our clients and assuring them that we are offering the best product and services to the industry.

Tech Force Services is a company making energy available for all, even in extreme situations and locations. Offering cost-effective energy through its new innovation and technology products helping customers to sit relax and focus on their core business rest left on our team of experts for providing uninterrupted power for critical applications and normal backups.

We strongly believe in the sun's potential to significantly address the problems associated with power obtained from non-renewable sources of energy. It is with this passion that we aim to work and provide solar solutions to our customers. Quality has always been of almost priority for us, and with this drive we challenge ourselves to provide the same in the most cost effective manner.

We, at Tech Force Services, recognize the importance of every step taken towards building a greener and safer future. By harnessing the inexhaustible energy of the sun, we offer efficient and advanced solutions for energy requirements for today and tomorrow.



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