



சர்தார் வல்லபாய் படேல் சர்வதேச ஜவுளி
மற்றும் மேலாண்மை கல்லூரி,
கோயமுத்தூர் – 641004.

सरदार वल्लभभाई पटेल इंटरनेशनल स्कूल ऑफ़ टेक्स्टाइल्स एंड मैनेजमेंट
कोयंबटूर – 641 004 .

**SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL
OF TEXTILES AND MANAGEMENT,
COIMBATORE-641 004.**

**TENDER FOR
DESIGN, SUPPLY, INSTALLATION,
TESTING, AND COMMISSIONING
OF 100 kW_p
ROOF-TOP ON-GRID SOLAR PV POWER
PLANT AT
SVPISTM, COIMBATORE – 641 004.**

Contact No : 9171591915
E-Mail ID : admin @ svpitm.ac.in
Web : svpistm.ac.in

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This Tender Document contains all the Pages duly read and accepted by Me/Us.

**SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES & MANAGEMENT
1483, AVANASHI ROAD, COIMBATORE 641 004.**

Tender No : SVPISTM/Solar/2024-26/5

Tender Date : 25 – 07-2026

Name of the Work : **DESIGN, SUPPLY, INSTALLATION, TESTING and
COMMISSIONING OF 100 KWP ROOF-TOP
ON-GRID SOLAR PV POWER PLANT.**

Cost of application : Rs. 590/-

**DETAILS OF ESTIMATED COST, COST OF TENDER DOCUMENT &
EARNEST MONEY DEPOSIT OF THE TENDER:**

Estimated cost of the tender (In Rs.)	Cost of Tender document (In Rs.)	EMD (In Rs.)
Rs. 50,00,000/- (inclusive of all taxes)	Rs. 590/- (500 + 18% GST)	Rs. 1,00,000/-

GST NO : **33AAETS0003R1ZI**

**Pre-Bid Conference : 07.08.2026 at 11.00 A.M, Admin. Block,
SVPISTM, COIMBATORE – 641 004.**

Last Date of submission : 17-08– 2026 (2. 00 PM)

Address for submission of Tender : The Administrative Officer,
SARDAR VALLABHBHAI PATEL INTERNATIONAL
SCHOOL OF TEXTILES AND MANAGEMENT,
1483, AVANASHI ROAD,
Coimbatore – 641 004.

Date of Opening of Tender : 17 – 08-2026 (2.30 PM)

Cost of the application form : In the form of a Demand Draft
Earnest Money Deposit : In the form of Demand Draft/BG

**Tenderer who are registered with NSIC/MSME authorities for the tendered service is
exempted from the payment of EMD & Cost of the application form.
(Proof to be attached)**

Contact Details (Mobile) : 9171591915
E-Mail ID: admin@svpitm.ac.in

NOTE: ALL THE PAGES SHOULD BE SIGNED BY THE TENDERER AND SUBMITTED



சாந்தா வல்லபாய் பட்டை சர்வதேச ஜவுளி மற்றும் மேலாண்மை கல்லூரி
 सरदार वल्लभभाई पटेल इंटरनेशनल स्कूल ऑफ टेक्स्टाइल्स एंड मैनेजमेंट
SARDAR VALLABHBHAI PATEL
International School of Textiles & Management
 Autonomous Institute, Ministry of Textiles, Government of India.
 #1483, Avanashi Road, Peelamedu, Coimbatore-641004. Tamil Nadu
 Landline : 0422-2571675, 2592205 Fax: 0422-2571623 Web: www.svpistm.ac.in

No: SVPISTM/Solar/2024-26/5 dt. @ Coimbatore the 25-07-2026.

SECTION: 1 -- TENDER NOTICE

1) TENDER NOTICE

SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT, Coimbatore – 641 004, invites sealed tenders in the prescribed format from approved and eligible contractors/ reputed agencies having experience in the installation of a rooftop solar PV Power Plant as per the specifications in SVPISTM, Coimbatore – 641 004.

2) BRIEF SCOPE OF WORK:-

Design, supply, installation, testing, and commissioning of 100 kWp rooftop on- grid solar PV power Plant in the premises of SVPISTM, Coimbatore – 641 004.

Nature of Contract: Turnkey contract (EPC) –

- Design, Engineering, Supply, Installation, Testing and Commissioning of the Solar Power Plant
- Comprehensive Warranty of the Plant installed
- Comprehensive Operation and Maintenance of the Plant.

3) GENERAL INSTRUCTIONS

- Applicants should have the minimum qualification criteria as per the technical bid qualifying Criteria
- Bidders should submit the non-refundable cost of the application of Rs. 590/- and refundable Earnest Money Deposit (EMD) of Rs. 1,00,000/- along with the tender documents.
- A pre-bid conference will be held on 07-08-2026 at 11:00 AM in the Institute to address any clarifications from prospective bidders and to facilitate dates for the site visit.

The last date of submission of tender is 17-08-2026 up to 2:00 PM.

- Interested firms/Agencies/Contractors meeting the qualification criteria are required to submit their tender in sealed envelopes. The envelope should be superscribed as **“Design, supply, installation, testing, and commissioning of 100 kWp rooftop solar PV power plant in the premises of SVPISTM, Coimbatore – 641 004.”**

Submitted by: (Name, Address, email, and Telephone number of the Contractors).

SECTION 2: DETAILED SCOPE OF WORK AND TECHNICAL SPECIFICATION

1) SCOPE OF WORK:-

System type: 100 kW p grid-connected rooftop solar photovoltaic (PV) power plant.

- a) **Scope: Design, engineering, manufacture, Procurement, supply installation, testing, and commissioning of rooftop solar power Plant on an elevated MS Galvanized structure on a turnkey basis, including Structural, electrical, and related minor civil Works.**
- b) The equipment and materials for 100 kWp Grid Interactive Solar PV Power Plant with associated system (Typical) shall include, but not be limited to, the Supply, Erection, and Testing & Commissioning of the following :
- Solar PV modules of suitable rating in each array.
 - Solar PV modules in an array totaling 100 kWp, including mounting frames, structures, array foundation and module inter-connection.
 - Inverters and DC optimisers
 - Array Junction boxes, distribution boxes and Fuse boxes, MCBs, Surge Arrestors
 - Online monitoring system using mobile app / system-based software for module-level monitoring. Data acquisition system with remote monitoring facilities.
 - Metering and protection
 - LT Power and Control Cables including end terminations and other required accessories for both AC & DC power
 - Lightning arrestors.
 - PVC pipes and accessories/trenches
 - Tool kit and Earthing kit
 - Testing, maintenance of equipment and Mandatory spares for 5 years
 - Any other equipment/material required to complete the 100 kWp Solar Power Plant.
 - Receipt, unloading, storage, shifting, erection, testing and commissioning of all supplied material.

- c) Design of elevated structure for installing 100 kWp Grid Interactive Solar Power Plant and its associated electrical & mechanical systems includes the following.
- Design of modular elevated structure.
 - Structural design calculations
 - Fabrication and erection of the structure.
 - Submission of single-line diagram, Layout plan, and earthing layout
 - Earthing design and calculations.
 - Any other relevant drawings and documents required under this contract.
- d) The items of civil erection work shall be performed with respect to the following but not limited to:

- Elevated structure and related civil work.
- Solar PV Array.
- Power Cables
- Civil work of mounting structures, etc.
- Entire GI cable tray
- Fabrication, supply & erection of cable trays, support, brackets and accessories.
- Galvanized steel rigid/flexible conduits and accessories, Hume pipes, ferrules, lugs, glands, terminal blocks, cable fixing clamps, nuts and bolts, etc., as required.

Any other items not specifically mentioned in the specification, but which are required for erection, testing, commissioning and satisfactory operation of the solar power plant are deemed to be included in the scope of the specification unless specifically excluded.

Materials and accessories, which are necessary or usual for satisfactory and trouble-free operation and maintenance of the above equipment.

SVPISTM will arrange Construction Power & Water, as required for this contract.

- e) Submission of the following documents drawings data design and engineering information to SVPISTM or its authorized representative for review and approval in three copies.
- Detailed technical specifications of all the equipment.
 - Design criteria.
 - Design calculations.
 - General arrangement and assembly drawing.
 - Solar Insolation Data
 - Schematic diagram for entire electric system
 - G.A. drawings for all types of structures, LT Panels
 - Quality assurance plans.
 - Test report (for type, acceptance, and routine tests).
 - O&M Instruction's manuals and its drawings.

- f) All drawings shall be fully corrected to agree with the actual “as built” site conditions and submitted to SVPISTM after commissioning of the project for record purposes.
- g) The contractor shall forward to SVPISTM, schedule for various activities in the form of PERT Chart within a week from the date of issue of work order.
- h) The contractor shall provide a detailed training plan for all operation, maintenance procedures, which shall after approval by SVPISTM, form the basis of the training program. The contractor shall also be responsible for training of SVPISTM staff.
- i) The contractor shall establish a system to maintain an inventory of spare parts and tools, equipment, consumables and supplies for the facilities and operation.
- j) The contractor shall employ and coordinate the training of personnel who will be qualified and experienced to operate and monitor the facility and to coordinate operations of the facility with the grid system.
- k) The contractor shall take CAR policy and provide adequate insurance coverage during project execution period.
- l) The contractor shall maintain accurate and up-to-date operating logs, records and monthly reports regarding the Operation & Maintenance of facility.
- m) The contractor shall perform or contract for and oversee the performance of periodic overhauls or maintenance required for the facility in accordance with the recommendations of the original equipment manufacturer.
- n) Procurement for spares parts, overhaul parts, tools, equipment, consumables, etc. required to operate and maintain the project in accordance with the prudent utility practices and having regarded warranty recommendations are the responsibilities of the contractor.
- o) The contractor shall hand over the system to maintain an inventory of spare parts, tools, equipment, consumables and supplies for the facility’s operation along with the required inventory to maintain the facility for five years.
- p) The contractor shall keep in stock the required spares and consumables.
- q) **Quality Spares & Consumables**

In order to ensure the longevity and safety of the core equipment and optimum performance of the system the contractor should use only genuine spares of high quality standard.

- r) **Tools and Tackles**

The Contractor shall arrange for all the necessary tools and tackle for carrying out all the maintenance work covered under this contract.

s) **Statutory Approvals :**

The successful bidder shall be responsible for obtaining all statutory approvals required for commissioning and operation of the solar power plant. This includes, but is not limited to:

- Safety Certificate/ Statutory Approval from the Electrical Inspectorate.
- Grid connectivity approval and Net Meter/Gross Meter approval from TNGECL/TNPDCL as applicable.
- Synchronisation approval from the utility.
- CEIG inspection and compliance, wherever applicable.
- Any other approvals, permissions, licenses, or clearances required by Central/State Government authorities, local bodies, DISCOM, or statutory agencies for the successful commissioning of the project.
- All fees, liaison work, documentation, testing, inspections, and follow-up activities required to obtain the above approvals shall be within the scope of the successful bidder. The project shall be deemed complete only after obtaining all statutory approvals and successful commissioning.

2) Annual Maintenance Contract :-

- a) Regular monitoring of the plant on weekly basis.
- b) Any observed issues related to the plant's performance should be addressed within 12 hours.
- c) Monthly manpower is to be deployed for cleaning and checking the system at the site once a month.

3) TECHNICAL SPECIFICATIONS

(i) Module Mounting Structure

a) DESCRIPTION OF WORK – DESIGN AND MANUFACTURING

- Design, optimisations, Manufacture, Supply, along with design of foundation for Installation of PV Module Mounting Structure (MMS) and Installation supervision for SVPISTM.
- A uniformly designed mounting structure for each roof, as mentioned in the subsequent sections, shall be provided.
- The Design shall be done as per the relevant Indian codes & specifications for applicable wind & other loadings
- Module mounting structures shall be designed to facilitate the easy replacement of the solar PV Module if required in future
- Module structures shall use the module manufacturer-recommended installation accessories like mounting clips, rails, racks, etc. Fasteners used for module fixing and other hardware used for support structure shall be SS304.
- The mounting structure should be checked for stability with minimum deflection and sagging. Maximum permissible limit for sagging shall in compliance to the relevant Indian code & Module manufacturer's installation guideline.
- Design calculation to be submitted for all types of proposed MMS solutions along with connection details & Fasteners used in MMS.

b) DESCRIPTION OF WORK – SUPERVISION

- MMS Installation supervision is to be done by the bidder.
- No on-site fabrication will be permitted; all the structural members shall be factory fabricated & only assembled at site.
- Detailed General arrangement drawing, fabrication drawings of the support shall be prepared by the vendor and submitted for approval from I
- Any damage to Galvanizing/ anodizing of the structure during transportation or installation shall be rectified by the bidder
- Bidder shall provide proper identification and marking of the structure, hardware, and other accessories on site during installation to ensure traceability of the members/items as per the drawings.

c) *Standards to be followed for Structure and foundation design.*

- 1) For the location of the site, PV to be installed on the roof-top of the building , wind speed for the location 180kmph, category 3 and Class A for the structure design needs to be considered. Coefficients need to be considered assuming structure as free canopy roof at 13degree inclination. Wind Load combination factor of 1.5 needs to be considered for design.
- 2) The structure design shall be appropriate and innovative and must follow the existing building structure and profile.
- 3) The structure shall be designed to allow essay replacement of any module and shall be in line with site requirements.
- 4) Design drawings with material selected shall be submitted for prior approval of SVPISTM within 15 days of detailed order.
- 5) The structure shall be designed for simple mechanical and electrical installation. It shall support SPV modules at a given orientation, absorb and transfer the mechanical loads to the ground properly.
- 6) The array structure shall be so designed that it will occupy minimum space without sacrificing the output from SPV panels at the same time.
- 7) Nut & bolts, supporting structures including Module Mounting Structures shall have to be adequately protected from the atmosphere and weather prevailing in the area.
- 8) All fasteners shall be of stainless steel of grade SS 304.
- 9) The array structure shall be grounded properly using a maintenance-free earthing kit.
- 10) The bidder/manufacturer shall specify installation details of the PV modules and the support structures with appropriate diagrams and drawings.

- 11) The drawings, along with detailed structure design, selected materials, and their standards, shall be submitted in four sets to SVPISTM for approval before starting the execution work. The work will be carried out as per the design approved by SVPISTM.
- 12) The frame should be resistant to ammonia and salt corrosion as demonstrated by certification to IEC 60068-2-60 and IEC 61701.

d) QUALITY

The successful bidder contractor shall demonstrate the quality of supply with a sample mounting structure duly assembled with PV modules as per approved designs. This shall essentially include the following:-

- Ease in erection and alignment of structure and PV modules.
- Examining modules under stress and sagging effect along the length and width of mounting structure.
- Quality evaluation will be carried out by an independent agency on the sample supplies and installation.
- In case of unsatisfactory supply and workmanship, method of rectification shall be proposed by the bidder.
- SVPISTM shall reserve the right to accept rectification plans or outright reject the part of full supply.
- For assured quality work, bidder shall provide laboratory test certificates as specified below.
- Relevant material test certificates shall be submitted.

(ii) TECHNICAL SPECIFICATION FOR SPV POWER PLANT

SPV modules to be supplied should have minimum declared output of **600 Wp** or more. Number of modules to be supplied shall be worked out accordingly.

- a. Stabilized output of the Solar Power Plant should not be less than 100 KWP, under Standard Test Condition after one year of operation.
- b. Peak power point voltage and the peak power point current of any supplied module and/or any module string (series connected module) shall not be more than 3% from the respective arithmetic means for all modules and/or for all module strings, as the case may be.
- c. Each module shall have superior light transmission.
- d. The module frame shall be made of aluminum or corrosion resistant material, which shall be electrically compatible with the structural material used for mounting the modules.
- e. Solar modules offered shall be certified as per IEC 61215-Edition –II and IEC 61730-1, 2 amended up to date or equivalent Standard.
- f. SPV module shall be 600 or above W N-Type TopCon, Dual glass , Bifacial panel. The panel shall have surface anti-reflective coating to help to absorb more light in all weather conditions.

- g. Solar PV module array shall consist of high-efficiency Solar Modules utilising Crystalline Silicon Solar PV cells. Power output Guarantee offered for the SPV Module shall not be less than 25 years. Individual Solar Module rating shall not be less than 600Wp at Standard test conditions.
- h. Crystalline high-power cells shall be used in the Solar Photovoltaic module. Solar module shall be laminated using lamination technology using established polymer (EVA or POE).
- i. The solar modules shall have suitable encapsulation and sealing arrangements to protect the silicon cells from the environment. The arrangement and the material of encapsulation shall be compatible with the thermal expansion properties of the Silicon cells and the module framing arrangement/material. The encapsulation arrangement shall ensure complete moisture proofing during the life of the solar modules.
- j. Photo conversion efficiency of SPV Module should be greater than **22%**. Module shall be made of high-transmissive glass front surface giving high encapsulation gain.
- k. All materials used shall be having a proven history of reliable, light weight and stable operation in external outdoor applications and shall have a service life of more than 25 years.
- l. Module rating is considered under standard test conditions; however Solar Modules shall be designed to operate and perform under site condition including high temperature, dust (sometimes).
- m. Solar PV Module design shall conform to following Mechanical requirement:
 - Toughened, low iron content.
 - High transmissive front and back glass.
 - Anodized Aluminum frame
 - Ethyl Vinyl Acetate (EVA) or Poly Olefin elastomers encapsulant
 - Silicon edge sealant around laminate
 - Weatherproof DC rated MC connectors and a lead cable coming out as a part of the module, making connections easier and secure, not allowing for any loose connections.
 - Resistant of water, abrasion, hail impact, humidity & other environment factor for the worst situation at site.
- n) The offered module shall have a Power warranty of 25 years with degradation of power generated not exceeding 16% of the minimum rated power over the 25 years period and not more than 8% after ten years period.
- o) The bidder shall give the procedure for claiming the warranty and conditions covered under the warranty claim.
- p) Each module shall have heat strengthened glass front and back for strength and superior light transmission.
- q) The fill factor of module shall not be less than 0.70 (typical). The V-I curve of each PV module with Sl. Nos. should be submitted along with Modules meeting the required Specifications.

r) Minimum following parameters should be provided.

-Maximum Power	- Pmax
-Minimum Power	- Pmin
-Open Circuit Voltage	- Voc
-Short Circuit Current	- Isc
-Voltage at Max Power	- Vmp
-Current at Max Power	- Imp
-Fill Factor	- FF
-Efficiency of cell	- η_c

S) Bidder shall provide data sheet for Solar PV Module (Under Standard Testing Condition) along with their offer.

t) Entire drawings, detailed test reports of the offered modules should be submitted for approval of **SVPISTM** within 15 days from the date of placement of order and supply should start thereafter.

u) **TESTING, CERTIFICATION & QUALITY ASSURANCE**

- Every module shall be factory flash tested at Standard Test Conditions according to IEC 60904 to determine the peak rated nominal power output and then sorted into 5-watt bin increments.
- Module flash test data must be made available by serial number through the manufacturer's enterprise resource program (ERP) to the customer upon request.
- The factory flash tester shall be a Pasan Triple A rated flasher.
- Only modules that have greater than or equal to the nameplate rated power Are to be placed into the corresponding bin.
- The module power tolerance will be -0 / +10Wp
- The module manufacturer must be certified to the TUV Power Control program which verifies flasher measurements for the modules.
- Each module must have an electro-luminescence image taken for cell quality verification before being packaged for sale.
- The solar laminate shall use a highly UV resistance encapsulant (EVA) that can withstand over 3,000 Kw/m2 radiation for wavelengths 280 to 400 nm.
- The module serial number and manufacturer's name shall be incorporated beneath the glass inside the laminate construction and visible from the front side of the module.

v) **CERTIFICATION – PRODUCT**

- DIN EN / IEC 61215 IEC 61730 Rated to 1500 V .: Crystalline silicon terrestrial photovoltaic modules – design qualification and type approval
- DIN EN 61730 incl. PC II: Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction

- DIN EN 61701: Salt mist corrosion testing of photovoltaic modules (very well suited for use near the coast)
- IEC 62716 : Ammonia resistance (very well suited for use in agricultural operations)
- IEC 60068-2-68: Dust resistance (very well suited for use in dusty areas near deserts)
- Quality Certs ISO 9001:2015, ISO 14001:2015
- EHS Compliance ISO 45001-2018, Recycling Scheme
- LeTID Test TUV 2fg 2689/04.19 (LeTID Detection)
- PID Test IEC 62804
- Type: 600 to 730 W N-Type Topcon, Dual glass, Bifacial panel (Tier-1, IEC certified).
- Certifications: IEC 61215, IEC 61730, IEC 61701 (Salt Mist), IEC 62804 (PID).

(iii) PV ARRAY CONFIGURATIONS:

The Solar array shall be configured in multiple numbers of sub-arrays, providing optimum DC power to an auditable number of sub arrays. The bidder shall submit their own design indicating configuration of PCU and respective sub arrays and bill of material.

(iv) JUNCTION BOX:

- The junction box shall be Outdoor, dust, vermin, and waterproof and made of ABS Plastic.
- The terminal will be connected to copper bus-bar arrangement of proper size to be provided. The junction boxes shall have suitable cable entry points fitted with cable glands of appropriate sizes for both incoming and outgoing cables.
- Suitable markings shall be provided on the bus-bars for easy identification and cable ferrules will be fitted at the cable termination points for identification. The junction box shall be Protection IP 65.
- The junction box shall be weather resistance, water tight, UV and microbe resistance and shall meet the requirements of IEC 61215 and UL 1703
- Each Array junction Box will have suitable Reverse Blocking Diodes of maximum DC blocking voltage of 1000 V with suitable arrangement for its connecting. The Array junction Box will also have suitable surge protection. The junction Boxes shall have suitable arrangement for the followings (typical):
 - ❖ Combine groups of modules into independent charging sub-arrays that will be wired into the controller.
 - ❖ Provide arrangements for disconnecting for each of the groups.
 - ❖ Provide a test point for each sub-group for quick fault location.
 - ❖ To provide group array isolation.
 - ❖ The current carrying rating of the junction boxes shall be suitable with adequate safety factor to interconnect the Solar PV array.

- Glans used for cable entry / exist – Nylon/ Polyamide – IP68 rated Mechanical Strength – IK08 or better.
 - Protection devices: String fuses (positive & negative) – Gpv type, IEC 60269-6.
 - Surge Protection Device (SPD) – Type 2 DC SPD as per IEC 61643-31
 - DC MCB/Isolator/Disconnecter – as per IEC 60947-3
- ❖ Busbars/Terminals: Tinned copper
 - ❖ Earthing: Earth bus provided

(v) POWER CONDITIONING UNIT (PCU) – INVERTER

- a) Power Conditioning Unit (PUC) is critical equipment in Grid Connect SPV Power plant. This equipment converts DC power generated by SPV array, into 3-phase AC voltage to be connected to Grid. It also provides necessary protections for Grid Synchronization and Data Logging/Monitoring. Required inverters should be string inverters, three-phase. They should convert DC power produced by SPV modules into AC power and adjust the voltage & frequency levels to suit the local grid conditions.
- b) The DC energy produced has to be utilized to maximum and supplied to the DC bus for inverting to AC voltage to extract maximum energy from solar array and provides 415VAC/ (+15% to – 10%), 3-ph 50Hz to synchronize with local grid.
- c) The PCU should be of very high quality, having efficiency not less than 96% and shall be capable of running in isolated mode.
- d) The PCU shall have protection features such as, over current, short circuit, over temperature to name a few.
- e) The PCU shall be designed for continuous, reliable power supply as per specification.
- f) The PCU should be designed to be completely compatible with the SPV array voltage and grid supply voltage.
- g) The dimension, weight foundation details etc. of the PCU shall be clearly indicated in the detailed technical specification.
- h) It should have user friendly LEDs/LCD display for programming and view online parameters such as:
 - 1) DC power input,
 - 2) DC input voltage,
 - 3) DC current,
 - 4) AC power output,
 - 5) AC voltage (all the 3 phases and line)
 - 6) AC current (all the 3 phases and line)
 - 7) Power factor
 - 8) Inverter on
 - 9) Grid on
 - 10) Inverter under voltage/over voltage
 - 11) Inverter overload
 - 12) Inverter over temperature.
- i) The PCU shall have arrangement for adjusting DC input current and should trip against sustainable fault downstream and shall not start till the fault is rectified.

- j) The 3 phase Grid connect PCU shall be from reputed firms, which will incorporate latest Technological advance to provide highly reliable and efficient energy conversion from DC to AC.
- k) Both AC&DC lines shall have suitable fuses and contactors to allow safe start-up and shut-down of the system.
- l) Fuses used in the DC circuit should be DC rated.
- m) The PCU shall have provision for input & output isolation. Each solid-state electronic device shall be protected to ensure long life of the inverter as well as smooth functioning of the inverter.
- n) The PCU shall be capable of complete automatic operation, including wake-up, synchronisation & shut down.
- o) PCU shall be capable of synchronizing independently & automatically/ to be phase locked and BESCO grid power line frequency to attain synchronization and export power generated by the solar panel to BESCO grid.
- p) Built in with data logging to remotely monitor plant performance through external PC shall be provided (PC shall be provided along with SPV Plant).
- q) Inverter shall be tested for islanding protection performance.
- r) Protections:
 - i. Over voltage both at input & output.
 - ii. Over current both at input & output.
 - iii. Over/under grid frequency.
 - iv. Over temperature.
 - v. Short circuit.
 - vi. Protection against lightning.
 - vii. Surge voltage induced at output due to external source.
- s) Typical failure analysis report of PCUs and recommended list of critical components shall be provided by the bidder while submitting their offer.
- t) The PCU shall be capable of operating in parallel with the grid utility service and shall be capable of interrupting line fault currents and line to ground fault currents.
- u) The PCU shall be able to withstand an unbalanced load conforming to IEC standard and relevant Indian electricity condition. The PCU shall include appropriate self-protective and self-diagnostic features to protect itself and the PV array from damage in the event of PCU component failure or from parameters – beyond the PCU's safe operating range due to internal or external causes. The self-protective features shall not allow signals from the PCU front panel to cause the PCU to be operated in a manner which may be unsafe or damaging. Faults due to malfunctioning within the PCU, including commutation feature, shall be cleared by the PCU protective devices and not by the existing site utility grid service circuit breaker.

- v) The PCU shall go to shutdown/standby mode, with its contacts open, under the following conditions before attempting an automatic restart after an appropriate time delay. When the power available from the PV array is insufficient to supply the losses of the PCU, the PCU shall go to standby/shutdown mode. The PCU control shall prevent excessive cycling of shut down during insufficient solar radiance.
- w) Galvanic isolation is required to avoid any DC component being injected into the grid and the potential for AC components appearing at the array.
- x) Disconnection of the PV generator in the event of loss of the main grid supply is to be achieved by inflicts protection within the power conditioner. This may be achieved through rate of change of current, phase angle, unbalanced voltages, or reactive load variants.
- y) Operation outside the limits of power qualify as described in the technical data sheet should cause the power conditioner to disconnect the grid. Additional parameters requiring automatic disconnection are –
 - Neutral voltage displacement
 - Over current
 - Earth fault
 - And reverse power

In each of the above cases, tripping time should be very less.

- z) Detailed technical description of the complete unit of offered PCU should be furnished with bid document. Following Technical documents of PCU shall be supplied for approval after placement of order.
 - Detailed technical description of the complete unit
 - Instructions for installation and operation
 - Electrical diagrams of all internal cabling, necessary for installation, maintenance and fault finding.
 - Description of electrical and mechanical characteristics of units.
 - Maintenance and fault-finding procedures.
 - Safety precautions.
 - Software for data monitoring with detailed description.
 - Details of data acquisition
 - Factory test reports in detail on various parameters.
 - Troubleshooting procedures.
 - All maintenance requirements and their schedules, including detailed instructions on how to perform each task.
 - Detailed schematics of all power instrumentation and control equipment and subsystems along with their interconnection diagrams. Schematics shall indicate wiring diagrams, their numbers and quantities, type and ratings of alt components and subsystems.

- A detailed bill of materials which shall list components' model numbers, quantities and manufacture of each supplied item.
- All documents and write ups shall be in English. They shall be clean and legible, and must be checked, signed, approved and dated by a competent representative of the contractor.

Inverter shall be compatible with DC optimizer.

DC Optimizer

Inverter with DC optimiser

- DC optimiser shall be used along with inverter. Each panel (or pair of panels) should have DC optimizer attached. Optimizer performs MPPT individually per panel/ Module
- Conditioned DC power is sent to the inverter, which only converts DC to AC.
- DC optimizer should enable Panel-level monitoring (voltage, current, power). Online monitoring of each module (voltage, current, power, temperature).
- DC optimizer should enable easier troubleshooting and maintenance.
- Each optimizer should shut down to 1 V DC in case of emergency or maintenance.
- Compatibility: Must be compatible with proposed inverter(s).
- Efficiency: $\geq 99.5\%$ MPPT efficiency, $\geq 98\%$ weighted efficiency
- Certifications: IEC 62109, UL 1741 (or equivalent).

(vi) DATA MONITORING OF POWER PLANTS

The performance and generation data is recorded using a data logger. The monitoring system shall comprise of the following main components:

- PCU to log the inverter performance data and transmits the same to the Data logger.
- Data logger gathers information and monitors the performance of the inverter. It shall support measurements from external sensors. The data will be made available to SVPISTM office at Bangalore via modem. Computers and other accessories required at SVPISTM office shall also be in the scope of this tender.
- PC Data logging software should enable automatic long-time storage of measured data from PV-Plant. It should allow visualization, monitoring, commissioning and service of the installation.
- Communication interface the entire system can be operated and monitored via various interface viz. (RS232, RS485, MPI, Profit-bus, Telephone modem), in addition to the information indicated on the operator panel.
- **Module Level Monitoring System is required.**
- **All the inverters should be switched off during load on generators through remote / online (wireless) system.**

(vii) LT POWER INTERFACING PANEL

- 1) The panel shall have adequate inputs to take in from individual PCUs & adequate outputs to Existing Main LT Panel.
- 2) The panel shall be outdoor duty, floor mounted type and shall have all the measuring instruments such as voltmeter, ammeter, frequency meter, Electronic Energy Meter {for measuring the deliverable units (KWh)}.
- 3) The panel shall fit with suitable rating & size copper bus, MCCB, fuses/circuit breaker/isolator, indicators for all incomer and outgoing terminals, LED voltmeter & Ammeter with suitable selector switches to monitor & measure the power to be evacuated.
- 4) Nut & bolts including metallic shall have to be adequately protected against the atmosphere and weather prevailing in the area.
- 5) The overall dimension shall be fit with other Power Conditioning Units of the Solar Power Plant, the dimensions, weight, sheet thickness, painting etc. should be indicated by the Contractor.

(viii) EARTHING

- 1) Earthing system installation shall be in strict accordance with the latest editions of Indian Electricity Rules, relevant Indian Standards and code of practices and the local statutory authority regulations.
- 2) Neutral points of system metallic enclosures and framework, not forming part of electric supply shall be connected to main earthing system.
- 3) **Earthing Layout:**
- 4) The contractor shall submit to SVPISTM earthing drawings showing the location of earthing conductors for their approval. Earthing conductors in outdoor areas shall be buried 600 mm below finished graded level and these buried conductors shall be brought 500 mm above ground level to make tap connections to the equipment.

(ix) Earthing System

- 1) The earthing for LT side (Solar Power Plant side) array and LT power system shall be as required as per provisions of Indian Standard/International Standard. Necessary provision shall be made for bolted isolating joints of each earthing pit for periodic checking of earth resistance.
- 2) Each array structure of the SPV Yard shall be grounded properly. The array structure are to be connected to earth pits as per IS standards.

- 3) The earthing for the power plant equipment shall be made with as per provisions of IS. Necessary provisions shall be made for bolted isolating joints of each earthing pit for periodic checking of earth resistance.
- 4) The complete earthing system shall be mechanically & electrically connected to provide independent return to earth. All three-phase equipment shall have two distinct earth connections.
- 5) For each earth pit, necessary Test Point shall have to be provided.
- 6) In compliance to Rule 33 and 61 of Indian Electricity Rules, 1956 (as amended up to date) all non-current carrying metal parts shall be earthed with two separate and distinct earth continuity conductors to an efficient earth electrode.
- 7) Earth resistance of the earth pits shall be tested in presence of the representative of **SVPISTM**.

(x) Location of Main LT Panel from Roof Top:

- 1) Distance: actuals from LT Panel to the location of output of the power plant actual
- 2) The panel is located at the power house of the Institute.
- 3) This shall be considered while preparing the design and quoting the rates.
- 4) Minimum 2 runs of cable (Main Cable and Standby) must be considered from the Roof Top LT Panel to the main LT Panel.

(xi) Location of Earth Pits:

Distance: Actual from Roof Top to earth pit location.

(xii) Specification of DC Cables

a) Conductor specifications

- **Material:** The conductor is made of high-purity, soft-annealed, electrolytic tinned copper strands. The tin plating provides superior corrosion resistance, which is essential for outdoor applications and protection against potential hydrolysis.
- **Construction:** Class 5 fine stranding, as per IEC 60228, provides exceptional flexibility for easy handling and routing during installation.

b) Insulation and sheathing

- **Insulation material:** The core insulation is made from electron-beam cross-linked polyolefin (XLPO) or cross-linked polyethylene (XLPE). This material is halogen-free (LSOH/LSZH), which is crucial for fire safety as it emits low smoke and no toxic gases in the event of a fire.
- **Sheath material:** An outer sheath of UV-stabilized, weather-resistant XLPO or PVC compound is applied over the insulation. The UV stabilization prevents material degradation from sun exposure.

c) Electrical specifications

- **Rated DC voltage:** 1.5 Kv DC (conductor to conductor or conductor to earth).
- **Maximum permitted DC voltage:** 1.8 Kv.
- **Test voltage:** Cables should be tested at high voltage to ensure insulation integrity, typically at 6.5 Kv AC or 15 Kv DC.
- **Insulation resistance:** High insulation resistance, rated at over 1000 MΩ·km,

d) Mechanical and environmental performance

- **Temperature rating:**
 - 1) **Ambient:** -40°C to +90°C.
 - 2) **Maximum conductor temperature:** 120°C (for 20,000 hours).
 - 3) **Short-circuit temperature:** 250°C (for 5 seconds).
- **UV and ozone resistance:** The sheath and insulation shall be resistance to UV radiation, ozone, oil, and chemicals.
- **Fire performance:** The cables shall be flame-retardant and meet standards like EN 60332-1-2. The halogen-free compound also ensures low smoke emission (per EN 61034-2) for enhanced safety.
- **Weather resistance:** Should be resistant to hydrolysis, damp heat, and general weathering.

e) Standards and certifications

For use in India, the cables must adhere to the Solar DC Cable and Fire Survival Cable (Quality Control) Order, 2023, and bear a license from the Bureau of Indian Standards (BIS).

- **BIS:** IS 17293:2020 for Electric Cables for Photovoltaic Systems for Rated Voltage 1500 V DC.

(xiii) TECHNICAL SPECIFICATION FOR REMOTE MONITORING SYSTEM**a) Basic Features of Remote Monitoring System**

- Remote monitoring of the performance of inverters and external sensors via a web browser (Cloud based monitoring system)
- The system should use a combination of DC power optimizers and a centralized inverter, with the Monitoring Platform for module-level data monitoring. The architecture must collect performance data from each panel individually and give real-time insight into their system's health.

b) Monitoring platform specifications and features

- The platform must offer the following.

Data and reporting

1. **Module-level data:** Should display real-time and historical performance data for each solar panel, including energy production, voltage, and current. This pinpoints exactly where any performance issues are occurring. **Comparative analytics:** Should provide graphical and statistical tools to compare the performance of different modules, strings, and entire systems over various time periods.
2. **Key Performance Indicators (KPIs):** Should enable the calculation and tracking of KPIs like the system's performance ratio (PR) and the environmental impact, including CO2 savings.

a. Alerts and diagnostics

1. Automated fault detection: Should continuously analyse performance metrics and automatically detect anomalies or faults and send automated alerts to installer.
2. Remote troubleshooting option should be there.

(iv) Elevated structure:

- a) The PV modules will be mounted on fixed metallic structures of adequate Strength and appropriate design, which can withstand load of modules and high wind velocities upto 180 KM per hour. The support structure used in the power plants will be hot dip Galvanized Iron (G.I)/Al as per the site condition.

b) Deliverables from the Contractor.

- Detailed design calculations and GA drawings.
- Fabrication drawings for approval
- Material test certificates (steel, bolts etc)
- Galvanization test reports.
- Erection methodology
- As-built drawings.
- Erection scheduled and daily progress reports.
- Test reports for earthing, insulation, and continuity.
- Completion certificate after commissioning.

c) **ERECTION, INSTALLATION, TESTING AND COMMISSIONING**

The scope covers all activities related to the **erection, installation, testing, and commissioning** of a rooftop solar power plant with materials supplied by the Employer/Client. Work includes but is not limited to:

- Safe unloading, handling, and shifting of materials to the rooftop.
- Assembly and installation of module mounting structures.
- Fixing of solar PV modules on mounting structures with approved fasteners.
- Installation of inverters, junction boxes, cables, conduits, and protection devices.
- Proper earthing and lightning protection work.
- Interconnection of AC and DC sides as per approved drawings.
- Final testing, synchronization with grid, and assistance in net-metering.

d) **GENERAL REQUIREMENTS**

The contractor shall deploy trained and experienced manpower for erection work.

- All tools, plants, lifting equipment, scaffolding, PPEs, and safety gear shall be arranged by the contractor.
- Work shall be carried out in compliance with relevant IS/IEC standards, electrical safety codes, and local DISCOM guidelines.
- The contractor shall ensure no damage or leakage to the rooftop during erection activities.
- Workmanship shall be neat, professional, and subject to inspection/approval by the Engineer-in-Charge.

e) **ERECTION WORK – DETAILED SPECIFICATIONS**

1) Module Mounting Structure (MMS)

- Structures supplied by client shall be assembled, aligned, and securely fixed to the rooftop as per design.
- Bolts, nuts, and fasteners to be tightened with torque wrenches to manufacturer's recommendations.
- Structures to be installed with correct tilt angle and orientation.
- Roof penetration (if required) to be sealed properly with water-proofing compound.

2) Solar PV Modules

- Modules to be lifted carefully without causing stress or micro-cracks.
- Fixed to MMS using SS/Aluminium fasteners with rubber washers to prevent damage.
- Module earthing to be done with Aluminium cable as per the specification.

3) Inverters & Electrical Equipment

- Inverters, LT panels, AC/DC junction boxes to be mounted on suitable frames/walls.
- All terminations to be crimped, ferruled, and dressed neatly.
- Cable trays/conduits to be fixed properly with clamps/supports.

4) Cabling & Terminations

- DC cables to be routed separately from AC cables with proper identification.
- Cables laid in conduits/trays without sharp bends or mechanical stress
- MC4 connectors to be used for module interconnections.
- Proper earthing of DC and AC side equipment to be ensured.

5) Earthing & Lightning Protection

- All MMS, modules, and equipment to be connected to the earthing system.
- Earth resistance to be measured and demonstrated ≤ 1 ohm.
- Lightning arrestor to be erected as per drawings.

6) TESTING & COMMISSIONING

- Continuity, polarity, and insulation resistance tests of DC/AC circuits.
- Verification of inverter settings and protections.
- Synchronization with grid in presence of authorized personnel.
- Submission of test reports for approval.

7) SAFETY & QUALITY CONTROL

- Contractor shall strictly follow safety standards (IS 376, IS 732, IS 3043, CEA Regulations).
- All work at height to be carried out with full-body harness, lifeline, and helmets.
- Daily housekeeping and safe disposal of scrap material.
- Work to be executed as per approved erection drawings.

LIST OF RECOMMENDED MAKES

S.No	ITEMS	VENDORS
1	MODULE	ADANI, WAAREE, SUNPOWER, VIKRAM SOLAR, TATA POWER SOLAR
		EMVEE SOLAR, NAVGRUN
2	INVERTER and Optimizer	SOLAR EDGE
3	LT POWER AND CONTROL CABLES	a) UCL
		b) POLYCAB
		c) FINOLEX
		d) KEI
4	METER	a) AEP
		b) IMP
		c) MECO
		d) KAPPA
		e) As preferred by BESCOM
5	CT	a) KAPPA
		b) SILCON
		c) PRAYOG
		d) PRAGATI
		e) CANDS
		f) PRECISE
6	PT	a) KAPPA
		b) SI LCON
		c) PRAYOG
		d) PRAGATI
		e) CANDS
		f) PRECISE
7	FUSES	a) GEC
		b) SIEMENS
		c) L&T
		d) STANDARD
		e) BUSSMANN
8	MCCB	a) ABB
		b) SCHNEIDER
9	MCB	a) MDS
		b) SIEMENS
		c) SCHNEIDER
		d) ABB
10	CONDUIT	a) SENCO / Anchor
		b) National
		c) VIP
11	CABLE LUGS	a) DOWEL
		b) CROWN / NIKO
		c) FORWARD ENGG.
12	DC CABLES	a) LAPP

SECTION: 3 TENDER SUBMISSION

1) OFFLINE SUBMISSION:-

(The bid should be submitted only in OFFLINE.)

- a) The cover should contain all the prime eligibility documents, along with the fees for the tender document, EMD, and all eligible documents. **It should also include all pages of the tender document, signed by the tenderer, and be sealed with PVC/WAX.**
- b) The envelopes should be superscripted at the top of the cover as ***“Technical / Qualifying bid for installation of a rooftop solar PV Power Plant in SVPISTM.***
- c) *The Financial bid document should be removed from the tender document and covered with a separate sealed envelope with the name of the tenderer, superscripted at the top as “Financial Bid for installation of a rooftop solar PV Power Plant in SVPISTM, Coimbatore – 641004”*
- d) The completed tender forms, along with the enclosures and the sealed cover containing the financial bid, should be submitted in ONE cover and addressed to

Shri. Sridhar C S (Administrative Officer)

**SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF
TEXTILES AND MANAGEMENT, 1483, AVANSHI ROAD,
COIMBATORE – 641004.**

- e) *The sealed envelope should be submitted by Speed Post/Registered Post with acknowledgement due /Courier (OR) in person at the reception of SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT, Coimbatore – 641 004, on or before the due date and time.*
- f) ***Any delay in postal transit will not be accepted as a valid reason for waiving the submission deadline for the tender.***
- g) Technical Bids will be opened as per the schedule provided in the critical dates, in the presence of bidders or their authorised representatives. If the opening date happens to be a closed day/holiday, the tender will be opened on the next working day. Only one authorised representative from the firm shall be allowed to participate in the opening of technical bids/price bids.

2) ACCEPTANCE AND REJECTION

SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT reserves the right to accept/reject any or all tenders without assigning any reason. A tender that does not fulfil any of the conditions or with incomplete documents in any respect will be rejected summarily.

3) EARNEST MONEY DEPOSIT

- a) The EMD, as mentioned in the NIT, should be paid and enclosed with the Bid documents.
- b) EMD shall be deposited in the form of a Demand Draft drawn in favour of SVPISTM, Coimbatore 641004, / BANK GUARANTEE in favour of “SVPISTM, Coimbatore-641004” issued by any Nationalised Bank, valid for 210 days from the date of NIT.
- c) The DD/BG for the EMD amount in the original should be attached to the Tender Offer.
- d) No other payment method for the EMD will be accepted.
- e) Tenderer who are registered with NSIC/MSME authorities for the tendered service/item is exempted from the payment of EMD on the production of a self-attested copy of the certificate issued by NSIC/MSME.
- f) The EMD will not carry any interest while it is in the custody of SVPISTM.
- g) The EMD will be refunded to the successful/unsuccessful tenderers after the finalisation of the Tender. The EMD paid in the form of a BG will be returned to the successful tenderer upon payment of the SD, execution of the agreement, and finalisation of the Tender.
- h) The EMD will be refunded to the unsuccessful tenderer after the finalisation of the Tender.
- i) The EMD will be forfeited if the tenderer withdraws the tender within the validity period of the bid.
- j) The EMD will be forfeited if the bidder withdraws from the Tender after tender opening during the period of tender validity.
- k) The Earnest Money Deposit (EMD) shall be forfeited if the successful bidder fails, within the specified time limit, to:
 Sign the Agreement within 15 days from the date of issue of the Work Order; or commence the work as per the schedule; or submit the required documents to SVPISTM as mentioned in this tender document)
- l) In case the bidder, after quoting, withdraws from the tender or refuses/delays in commencing the work even after issue of the Work Order, the EMD shall be forfeited.

4) TECHNICAL BID QUALIFYING CRITERIA

- a) The contractor should have a valid license/certificate to undertake ***for installation of a rooftop solar PV Power Plant***
- b) A contractor should have a minimum of three years of experience (2022-23, 2023-24, 2024-25), in installation of rooftop solar PV Power Plant in a Govt. sector/ PSUs/ Educational Institutions/ Private/ academic Institutions. (Attach Proof and Site photos along with technical bid)
- c) Should have an annual turnover of a minimum of Rs. 50 lakhs in installation of rooftop solar PV Power Plant (Please attach ITR/Relevant documents for the last three financial years). (i.e. 2022-23, 2023-24, 2024-25).
- d) Should have at least two (03) finished projects in a reputed organization/corporate house/educational institution.

- e) The Contractor should have a legal entity and provide the certificate, Company having not ever been blacklisted by the Govt. or Non. Govt. Agencies.
- f) The contractor should have a valid Goods and Services Tax Registration No. in the firm's name.
- g) The contractor should have a valid PAN No.
- h) The bidder should not have been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute, or any other Govt. Organisation at any point of time and also no case of any nature i.e. CBI/ Civil/Income Tax/GST, is contemplated or pending against them.

The final selection of the Contractor will be made based on various parameters (as fixed by the Committee/Competent Authorities), like visiting various existing sites of the Contractor, feedback from the previous clients of the bidder, etc.

5) DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS

The bidder shall furnish the self-attested copies of the following documents, as part of his bid documents, establishing the bidder's eligibility. The original documents should be produced on demand for verification and return.

- a) Cost of Tender Document (Crossed DD in original) (Mandatory)
- b) Cost of EMD - DD/BG in original (Mandatory)
- c) Experience Certificate, Site photos of the completed work in the Government organisations / PSUs/Colleges/Schools/private for a minimum period of two years in any of the Financial Years i.e. 2022-23, 2023-24, and 2024-25.
- d) Declaration for accepting terms and Conditions of SVPISTM
- e) Certificate for not having near relatives working in SVPISTM
- f) Copy of License/registration certificate for performing the work specified in this tender.
- g) Copy of PAN number
- h) IT return copy for the assessment years 2023-24, 2024-2025, 2025-26.
- i) Latest profit and loss statement.
- j) Copies of Articles of Association and Memorandum of Association in case of Limited company (OR) Copies of partnership Deed and Power of Attorney in case of Partnership Firm
- k) Affidavit in case of the sole proprietorship (in Stamp Paper of Rs. 100.)***
- l) Copy of GST Registration Certificate
- m) Self-Declaration by the bidder stating that the Bidder **has not been black-listed** by any Central/ State Governments/ PSUs/Colleges/Schools in India at the time of submission of the bid must be submitted in this regard (Mandatory).
- n) Tenderer's Profile.

Any bid devoid of the above documents will be summarily rejected.

6) EVALUATION CRITERIA AND FINAL SELECTION

- 1) The committee constituted by the Director, SVPISTM, Coimbatore, will examine the technical documents and decide the suitability as per the requirements and terms and conditions. Only the technical bids of the firms that meet the qualification criteria would be taken up for detailed evaluation.
- 2) The selection of bidders shall be based on a weighted criteria system derived from the submitted tender documents, experience, and other relevant factors. In the event of non-fulfilment of the minimum pre-qualification criteria for the technical bid, the bid of the respective bidder shall be rejected. The competent authority will decide on the selection of Contractors.

7) AWARD OF CONTRACT:-

- 1) The Contract will be awarded based on the rate quoted in the financial bid among the technically qualified bidders. Once the work order awarding the contract is sent to the Contractor, they must be ready to work in SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT within 15 days of receiving the work order.
- 2) The competent Authority reserves the following rights:
 - a) To review the performance of the Contractor at the time of execution of the work and cancel the work order if the work is not in accordance with the specification/drawings stipulated in the NIT/Agreement
 - b) to cancel the work order at any time without assigning any reason, and the decision of the Director, SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT, Coimbatore – 641 004, will be final in awarding the contracts.

8) SECURITY DEPOSIT

- 1) The successful Bidder including NSIC/ MSME registered firms should remit a **Security Deposit equivalent to 5 % of the awarded amount** for the work specified for within 15 days from the date of receipt of the communication by the Bidder.
- 2) This security deposit is payable in the form of DD/ Bank Guarantee issued Nationalized / Scheduled Bank and it should be for twelve months.
- 3) Failure to pay the security deposit within the specified time will entail the forfeiture of EMD and also the rejection of the tender.
- 4) The Security Deposit will not carry any interest while it is in the custody of SVPISTM.
- 5) The Security deposit will be returned after the successful completion of the tender and Warranty period + 3 months i.e. Comprehensive Operation and Maintenance of the Plant (Defects Liability period) if there is no liability on the part of the Bidder to SVPISTM.

6) The Security deposit will be forfeited in the following circumstances.

- a) If any document is found to be false / forged at any stage, the Security deposit will be forfeited.
- b) If the SVPISTM terminates the contract due to poor quality of service, negligence/misbehavior / bad act by the contractor / his personnel, or non-observance of the provisions stipulated in the contract, the Security deposit shall be forfeited.
- c) If the contractor is found to have violated any law/rule related to work and workmen, and a report to this effect is received from the competent authority indicating the contractor as the violator, the Security deposit shall be forfeited without prejudice to any other action as per the provisions of the contract.
- d) If the contractor fails to undertake the work within the specified time limit, the penalty for delay shall be recovered from the Security deposit.
- e) If the contractor fails to rectify the defect in the work done as ordered by the SVPISTM or fails to make good the damage done to the assets of SVPISTM or state / central Govt. property or public property or other private operators' property while executing the work, the recovery to the extent of the cost of rectification or damage done as assessed by the SVPISTM, COIMBATORE shall be recovered from the pending bills / Security deposit.

The assessment of recoveries made by the Director, SVPISTM Coimbatore, shall be final and binding on the contractor.

9) AGREEMENT:

- a. The successful tenderer will be required to execute an agreement in a Non-judicial stamp paper of appropriate value within 15 days on receipt of the Purchase Order.
- b. The SVPISTM reserves the right to add/delete/modify the clauses in the agreement.
- c. Failure of the successful bidder to comply with this requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the SVPISTM may make the award to any other bidder, at the discretion of SVPISTM or call for new bids.
- d. Notice Inviting Tender, any corrigenda / addenda issued, minutes of the Pre-Bid Meeting, replies given to clarifications raised by the bidders if any, form part of the Tender Document.

10) PERIOD OF CONTRACT:

- a) The work should have been completed within 60 days from the date of issue of the purchase order.
- b) Extension/non-extension will be the sole discretion of the authority and the Contractors cannot assume extension as their right.

11) TERMINATION OF CONTRACT:-

- a) The competent authority reserves the right to terminate the contract at any time without assigning any reason if it appears to the authority at any point in time that the services are based on the quality of work
- b) At any time during the period of the contract, if it comes to the notice of the SVPISTM that the contractor has misled this office by way of giving false/incorrect information which has been material in the award of the contract, the contract shall be liable to termination without any notice, besides other legal action as per law. Furthermore, in the event of a breach, the contract may be terminated without notice.

SECTION 4 TERMS & CONDITIONS.

1) Warranty

a) Defects Liability Period: FIVE YEARS from the date of completion of work.

b) Warranty Period :

Solar PV Panel – 25 years.

Inverter and Optimiser – 10 years.

c) Operation and Maintenance Period: FIVE YEARS.

The contractor shall carry out the operation and maintenance of the plant.

2) PRE-BID MEETING :

Site Visit: Site Visit of the bidder is mandatory.

The bidder shall visit the site before submitting the bid

Pre-Bid Meeting will be conducted on 07-08-2026. The bidders may send the clarifications to the email id mentioned in this Tender Document and/or may attend the meeting in person. The pre-bid meeting will be conducted at Admin. Section, SVPISTM. In case of any changes in the mode of conducting the meeting, the intimation will be provided in the Institute's website.

If the bidder does not have any query / request for clarification, it will be understood that he has gone through all the relevant clauses, and he is satisfied. No claims or misinterpretation of words will be entertained after award of work.

Minutes of the Pre-Bid Meeting will be uploaded on website. Minutes of the Pre-Bid Meeting forms part of the Tender. The bidder must check for the minutes of the Pre-Bid Meeting before submission of the Tender.

3) GENERAL TERMS & CONDITIONS.

- a) The Bidder submitting the tender would be deemed to have considered and accepted all the terms and conditions of the contract. No verbal or written enquiries will be entertained in respect of acceptance or rejection of the tender.
- b) A bidder with close relatives working at SVPISTM, Coimbatore, is not allowed to participate in the Tender an affidavit confirming the same should be submitted in original to SVPISTM, Coimbatore.
- c) The contractor shall not sublease full or part of the contract. If found subleased, leads to blacklisting of the vendor and penalization by the Institute. The contractor needs to use their own machinery, tools, and vehicle for the transport of materials.
- d) The selected bidder will have to complete all the required formalities/obtain permits/licenses, if any, including agreement, etc., immediately within 07 days after the award of the work order.
- e) Machinery that is brought by the contractors shall be their own responsibility. SVPISTM shall not take any responsibility for materials and machinery brought by the contractor

4) WORKFORCE POLICY

- a) The Contractor has the responsibility to bring the workforce to execute the work.
- b) Employment of child labour, as defined by the relevant laws, is strictly prohibited.
- c) The Contractor shall be responsible for the proper conduct and behaviour of the employees engaged. In case the workforce employed by the Successful Tenderer commits any act of omission/Commission that amounts to misconduct/indiscipline/incompetence, the Tenderer will be liable to take appropriate disciplinary action against such persons, including their removal from the site of the work, if required by the Director, SVPSITM.
- d) The Contractor will be fully responsible for any accident or mishap involving Building workers engaged, and the Contractor will pay claims made by the victims. The Contractor shall be liable to pay compensation for any loss and damage caused to the property of the Institution or its workers.
- e) The SVPISTM, Coimbatore premises is a '**NO SMOKING & TOBACCO FREE ZONE**'; any personnel deployed by the agency in the Institute found smoking, eating pan/gutka or intoxicants/drugs, etc. shall be punished as per the law of the land/rules of the Institute.
- f) The safety of workers /personnel engaged by the contractor is the sole responsibility of the contractor.
- g) The contractor should ensure that all workers engaged by them are adequately trained for the use of construction equipment/firefighting equipment maintained in the campus, and use of FIRST AID KIT maintained in the campus in case of requirement.
- h) The contractor should ensure that all personnel engaged by them are Polite and possess good manners while on duty. No damage shall happen to the Institute's property, equipment, and systems and if anything happens by the action of the contractor or his personnel during the period, the contractor is required to set right/repair or make good the loss according to the decision taken by the Institute.
- i) All liabilities arising out of accident or death while on duty shall be borne by the Contractor
- j) If any Demolishing or dismantling at the time of construction the materials are to be removed properly by the contractor.
- k) The institution shall not take any responsibility for accommodation and food facilities for Workers or contractors.
- l) On the occurrence of any accident, as defined under the guidelines for Settlement of Claim for Compensation on accident, they will be paid by the contractor.
- m) The workers employed by the contractor shall not claim any benefit, compensation, absorption, or regularization of their services in the establishment of SVPISTM either under the provision of the Industrial Disputes Act 1947 or the Contract Labour (Regulation & Abolition) Act 1970.

5) WORKING TIME

- a) The contractor can commence the work at 9.00 AM daily and close by 6.00 PM.
- b) The construction work shall be carried out in the presence of an authorized person of SVPISTM.
- c) Administrative permission is required if the work is proposed to be carried out on holidays/Sundays.

SECTION: 5 MISCELLANEOUS

1) **Arbitration:**

All disputes or differences whatsoever between the contractor and the Institute related to the Contract will be settled by arbitration as per the provisions of the Indian Arbitration and Conciliation Act, 1996 and shall be binding for all purposes.

2) **Legal dispute:**

Any dispute which may necessitate legal redressal will be restricted to the jurisdiction of the civil courts at Coimbatore only.

3) **Inspection authority:**

An authorized representative(s) of the Institute will carry- out periodic inspections and surprise checks to ensure the quality of material and site condition.

4) **FORCE MAJEURE**

- a) If at any time, during the continuance of this contract, the performance in whole or in part, by either party of any obligation under this contract shall be prevented or delayed by reasons beyond control -FORCE MAJEURE- Neither party shall, by reasons of such events be entitled to terminate this contract, nor shall either parties have any claim for damages against the other in respect of such non-performance or delay in performance.
- b) The force majeure shall include war or hostility, acts of the public enemy, civil commotion, sabotage, fire, floods, explosions, epidemics, quarantine, restrictions, strikes, or lockouts, or acts of God (hereinafter referred to as an eventuality).
- c) Provided such force majeure provisions apply only if notice of the happening of any such eventuality is given by either party claiming concession to the other within 21 days from the date of occurrence thereof,
- d) Provided activities under the contract that were interrupted under the force majeure event are resumed as soon as practicable after such event comes to an end, or ceases to exist, and the decision of the SVPISTM, Coimbatore, as to whether the activities have been so resumed or not, shall be final and conclusive.
- e) Provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons, for any such events, for a period exceeding 60 days, either party may at its option terminate the contract.

5) **PENALTY CLAUSES**

Failure to construct in terms of quality, quantity, and as per the requirements will attract a penalty. For not adhering to contractual conditions, SVPISTM shall be free to impose a monetary fine as deemed fit on the Contractor. Fines imposed shall be remitted by the Contractor to the Institute account or else the same shall be adjusted from the Security Deposit.

- a) If any consequential damages occur while carrying out the work, the damage incurred so should be borne by the tenderer. Quantum of liquidity damages assessed by the SVPISTM shall be final and non-challengeable by the contractor.
- b) **PENALTY FOR DELAY IN COMMENCEMENT OF WORK:** Work has to be commenced as per the schedule. For the delayed commencement of work, a delay of every week or part thereof, an amount equivalent to 0.10 % subject to a maximum of 5% of the contractor's claim made for the execution will be deducted from the amount payable in the settlement of the claim at the discretion of the Director.

- c) **PENALTY FOR DELAY IN COMPLETION OF WORK:** Work has to be completed and commenced as per the schedule. For the delayed commencement of work, a delay of every week or part thereof, an amount equivalent to 0.10%, subject to a maximum of 5% of the contractor's claim made for the execution, will be deducted from the amount payable in the settlement of the claim at the discretion of the Director.
- d) Damage to SVPISTM's property: Restoration/Repair cost or penalty, or both, as decided by SVPISTM
- e) Breach of Contract: Rs. 1000/- penalty each time
- f) ***The Director, SVPISTM shall be the Competent Authority regarding the imposition of penalty and quantum of the penalty and her decision shall be final.***

SECTION: 6

1. PAYMENT OF BILLS

- a) The bills are paid only as per schedule.
- b) The contractor shall submit the bills only in the printed form.
- c) The bills for payment should be prepared neatly & signed.
- d) The bill of work shall be prepared as per the rates specified in the tender.
- e) The approved contractor should note the tender number in the concerned bills for payment.
- f) The claim shall be inclusive of all taxes.
- g) The dues to the institute will be recovered from the bills
- h) The payments will be released as per the stages of construction which will be checked and signed by the nominated person of SVPISTM, Coimbatore.

2. PAYMENT TERMS:

The percentage of payment for this project shall be broken up in stages as detailed below:

- 1) 60% of the total amount quoted for Supply will be released against supply of materials at site, against submission of Delivery Challans with SVPISTM's Seal and signature of the authorised person on the same.
- 2) 30% of the balance of Supply amount and 90% of the total amount quoted for Installation will be released after completion of installation and commissioning of the plant.
- 3) Balance 10% of the supply and installation amount will be released on successful completion of the work in all the stages and the management certificate issued.
- 4) Documents to be submitted along with the final bill:
 - i. Test Certificate
 - ii. As-built Drawings
 - iii. Warranty Certificate
 - iv. Management Certificate
 - v. Operating license from TNPDC & Electrical Inspectorate

Section: 7

CONDITIONS ON QUALITY TO BE PROVIDED BY THE CONTRACTOR

- a) The contractor shall use standard materials as specified for the work.
- b) The materials brought to the site shall be inspected by the authorized person of this Institute and certified before being brought into use.
- c) SVPISTM reserves the right to make any change, omission, additions, or alterations to the original design, Drawings, or specifications.
- d) In case of any modifications, the instructions shall be obtained from SVPISTM in writing.
- e) Such changes, omissions, and substitutions shall be deemed to have been formed as work included in the original tender, and the contractor shall be bound to carry out the work.
- f) If any work is found to have been executed by the contractor with unsound, imperfect, unskillful workmanship (or) with inferior materials or it is not in accordance with the contract, the contractor shall make good the defects of work at his own expenses and remove the materials or articles complained in writing by the Junior Engineer.
- g) The contractor shall be responsible for any damage (or) any defects noticed in the construction. The work shall as soon as practicable after the expiration of the maintenance period be handed over to then Engineer in good and perfect condition.

SECTION: 8

1) APPLICATION PROCEDURE

- a) If an individual makes the application, it shall be signed by the Tenderer above his full typewritten name and current address.
- b) If the application is made by a proprietary firm, it shall be signed by the proprietor above his full typewritten name and the full name of his firm with its current address.
- c) If the application is made by a firm in partnership, it shall be signed by all the partners of the firm above their full typewritten names and current address, or by a partner holding power of attorney for the firm. In such a case, a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed and the current address of all the partners of the firm shall also accompany the application.
- d) If the application is made by a limited company or a corporation, it shall be signed by a duly authorised person holding power of attorney for signing the application. In such a case, a certified copy of the power of attorney shall accompany the application. Such a limited company or corporation may be required to furnish satisfactory evidence of its existence before the pre-qualification application is filed.

ANNEXURE - 1**APPLICATION****From**

To

THE DIRECTOR,
SARDAR VALLABHBHAI PATEL INTERNATIONAL
SCHOOL OF TEXTILES AND MANAGEMENT,
COIMBATORE-641 105. Sir,

SUB: Submission of tender application for participating in the tender floated
for DESIGN, SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING
OF 100 kWp ROOF-TOP ON-GRID SOLAR PV POWER PLANT at
SVPISTM, COIMBATORE – 641 004.

Having examined the details given in the Tender Document SVPISTM/Solar /2024-26/5 dated 25-07-2026 for the construction roof-top solar 100 kWp solar power plant decided by the Institute, published in the Institute website, we hereby submit the pre-qualification documents. We hereby certify that all the statements made and information supplied in the enclosed forms and accompanying statements are true and correct. We have furnished all information and details necessary for pre-qualification and have no further pertinent information to supply.

We undertake that, if any information or document is found to be false or forged, my Application/ empanelment is liable to be rejected/cancelled by SVPISTM, Coimbatore at any point of time.

I/We agree that should I/We fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of the tender shall be absolutely forfeited to the SVPISTM and the same may at the option of the competent authority on behalf of SVPISTM be recovered without prejudice to any right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

I/We have read and examined the notice inviting tender, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the Conditions of Contract and all other contents in the tender document for the work. I/We hereby tender for the execution of the work specified for the SVPISTM within the time specified in schedule, schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions,.

Date of submission:

Signature of Applicant :

Name of the Organization (Company seal)

ANNEXURE - 2

APPLICATION FORM

Space for Photograph
Proprietor/
Authorised Signatory

- 1) Name of the Tenderer /Agency/Company :
- 2) Name of the tenderer submitting the tender
(Signing the tender)
whose photograph is affixed (In the case of
Proprietary/partnership firms, the
tender has to be signed only by the
Proprietor/ Partner, as the case may
be)
- 3) Address of the Tenderer/Firm/Company :
- 4) Communication Postal Address
- 5) Phone No / Mobile No. :
- 6) Email ID :
- 7) Registration & Incorporation particulars of
the Proprietorship/Agency/firm/Company,
(if any)
- 8) Proprietorship. :
- 9) Partnership. :
- 10) Private Limited. :
- 11) Public Limited. :

(Please attach copies of documents)

12) Name of the Proprietor/ Partners/
Directors :

13) Name of Tenderers bank, address, and the Current
account number, having ECS/EFT facility

14) Permanent Income Tax Number, Income
Tax circle:

15) GST Registration No: :

16) Details of the supervisory staff:

CERTIFICATE

I/we, S/o hereby declare that
the details given in the tender document are true and correct. In case at any stage, it is
found that the information given by me is false/ incorrect, SVPISTM shall have the absolute
right to take any action as deemed fit/without any prior intimation to me.

Place:.....

Date:.....

Signature of Tenderer/Authorized Signatory

Name of the Tenderer:

Seal of the Tenderer:

Address :

ANNEXURE – 3

DECLARATION FOR ACCEPTING AND TERMS AND CONDITIONS.

From

To
The Director,
SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL
OF TEXTILES AND MANAGEMENT,
Coimbatore - 641 004.

Sir,

This is to certify that we are willing to undertake the work of DESIGN, SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING OF 100 kWp ROOF-TOP ON-GRID SOLAR PV POWER PLANT at SVPISTM, COIMBATORE – 641 004.
(Reference Your Tender No. SVPISTM/Solar/2024-26/5 d t. 25.07.2026 by your Institute as per terms and conditions of the tender document. We hereby agree to all the terms and conditions mentioned in the tender document.

Further, we hereby undertake that there are pages, serially numbered, in the tender including supporting documents.

Signature of the applicant :

Seal of the Agency :

Address :

ANNEXURE – 4

DECLARATION

From

M/s. _____

To

***The Director,
Sardar Vallabhbhai Patel International School of Textiles and Management,
Coimbatore– 641 004.***

I, _____
Son/Daughter/Wife of Shri. _____

The proprietor/Director/ authorized signatory of the agency/Firm mentioned above is competent to sign this declaration and execute this Tender document.

I have carefully read and understood all the terms and conditions of the tender and undertake to abide by them.

The information/documents furnished along with the above application are authentic to the best of my knowledge and belief. I/we am/are well aware of the fact that furnishing any false information/ fabricated document would lead to rejection of my tender at any stage, besides liabilities towards prosecution under the appropriate law.

I/We further undertake that none of the Proprietor/Partners/Directors of the Agency/agency was or is the Proprietor or Partner or Director of any Agency with whom the Government has banned /suspended business dealings. I/We further undertake to report to the Director, SVPISTM, Coimbatore immediately after we are informed, but in any case not later than 15 days, if any Agency in which the Proprietor/Partners/Directors are Proprietor or Partner or Director of such an Agency, which is banned/suspended in future during the currency of the Contract with you.

Place :

Yours faithfully

Date:

Signature of the applicant :

Seal of the Agency :

Address :

ANNEXURE - 5

CERTIFICATE ON NON-PARTICIPATION OF NEAR RELATIVES IN THE TENDER

I _____

S/O _____

Participating in the Tender for DESIGN, SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING OF 100 kWp ROOF-TOP ON-GRID SOLAR PV POWER PLANT at SVPISTM, Coimbatore 641 004 at the mentioned rate, do hereby certify that none of my relatives is/is employed in the SVPISTM unit as per the details given in the tender document. In the case that at any stage, it is found that the information given by me is false/incorrect, SVPISTM shall have the absolute right to take any action as deemed fit without any prior intimation to me.

Signature of the tenderer)

Name (Block Letters):

Position:

Date:

Note: In the case of a proprietorship firm, the certificate will be given by the proprietor; for a partnership firm, the certificate will be given by all the Partners, and in the case of the limited company by all the Directors of the company.

ANNEXURE - 6**CERTIFICATE & DECLARATION**

It has been certified that all information provided in the tender form is true and correct to the best of my knowledge and belief. No forged/tampered document(s) are produced with the tender form for gaining an unlawful advantage. I/We understand that SVPISTM, Coimbatore, is authorised to enquire to establish the facts claimed and obtain confidential reports from clients.

In case it is established that any information provided by me/us is false/misleading or in the circumstances where it is found that we have made any wrong claims, we are liable for forfeiture of EMD/SD and or any penal action and other damages, including withdrawal of all work/purchase orders being executed by us. Further, SVPISTM Coimbatore is also authorised to blacklist our firm/company/agency and debar us from participating in any tender/bid in the future.

I / We assure the Institute that neither I / We nor any of my / our workers will do any act/s which are improper/illegal during the execution in case the tender is awarded to us. Neither I / We nor anybody on my / our behalf will indulge in any corrupt activities/practices in my / our dealings with the Institute.

Our Firm/ Company/ Agency is not blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute, or any other Govt. Organisation and also no case of any nature, i.e. CBI/ Civil//Income Tax/GST/EPF/ESIC is contemplated or pending against us.

Date: Signature of the Tenderer

Place: Stamp

Annexure - 7**AUTHORISATION LETTER**

To

**The Director,
SVPISTM,
COIMBATORE - 641004.**

Subject - Authorisation for attending bid opening on 17-08-2026 for the Tender
DESIGN, SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING
OF 100 kWp ROOF-TOP ON-GRID SOLAR PV POWER PLANT– reg.

Order of Preference	Name	Specimen Signature
---------------------	------	--------------------

1.

2.

3.

Signature of the Tenderer
Seal & Address.

Note:

Only one representative will be permitted to attend the bid opening. An alternative representative will be permitted when the regular representative is not able to attend. The person who is authorised to attend the bid opening must have the authorisation certificate. Permission for entry to the hall where bids are to be opened may be refused in case the authorisation as prescribed above is not mentioned.

Annexure - 8**MANDATE FORM****ELECTRONIC CLEARING SERVICE (CREDIT CLEARING)/REAL TIME
GROSS SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS****DETAILS OF ACCOUNT HOLDER:-**

NAME OF THE ACCOUNT HOLDER	
COMPLETE CONTACT ADDRESS	
TELEPHONE NUMBER//E-MAIL	

BANK ACCOUNT DETAILS:

BANK NAME	
BRANCH NAME WITH COMPLETE ADDRESS	
TELEPHONE NUMBER AND E-MAIL	Ph. No Bank E-mail
Whether the branch is computerised	YES / NO
Whether the branch is RTGS-enabled. IF YES, THEN WHAT IS THE BRANCH'S IFSC CODE	YES / NO IFSC -
Is the branch also NEFT-enabled	YES / NO
TYPE OF BANK ACCOUNT (SB/CURRENT)	SAVINGS ACCOUNT / CURRENT ACCOUNT
BANK ACCOUNT NUMBER	
MICR CODE OF THE BANK	

Annexure - 9**CHECKLIST**

Sl. No	Document / Form	Remarks
1	Tender form in original, duly filled in and signed by the Bidder on each page. (Mandatory)	
2	DDs for the cost of the Tender Form (Mandatory)	
3	Cost of EMD DD/ Bank Guarantee (Mandatory)	
4	Experience photos in the field of solar installation services in Govt. organisations / PSUs/Colleges/Schools for a minimum period of two years in any of the Financial Years, i.e., 2022-23, 2023-24, 2024-25. (Mandatory)	
5	Certificate for not having near relatives working in SVPISTM	
6	Details of all works of a similar nature completed in the last five years.	
7	PAN number –proof copy to be enclosed	
8	GST number (Proof of application registration if number not provided)	
9	IT return copy for the assessment years 2023-24,2024-25 & 2025 - 26	
10	Latest profit and loss statement.	
11	Copy of License/Certificate for carrying out the specified work. (Valid on the date of tender opening)	
12	All Declarations & Certificates in NIT (Mandatory)	
13	E-payment mandate form	
14	Copy of the Article & Memorandum of Association of the company in case of a Limited company OR Copies of the Partnership Deed and Power of Attorney in case of a Partnership Firm, OR Affidavit in case of the sole proprietorship.	
15	Self-Declaration by the bidder stating that the Bidder has not been black-listed by any Central/ State Governments/ PSUs/Colleges/Schools in India at the time of submission of the bid must be submitted in this regard (Mandatory).	

Annexure - 10

FINANCIAL BID

(FOR provision of solar power plant as per specifications)

Total cost for works	Rs. _____ (including Tax)
-----------------------------	--

In Words

(Rs. _____ **)**

Only. (Including Tax)

Signature of Tenderer/Authorised Signatory :
Name of the Tenderer :
Seal of the Tenderer :
Address :

Note: -

(If there is any discrepancy in figures and words in the quote, the rate quoted in words shall prevail)