



PANDIT DEENDAYAL PETROLEUM UNIVERSITY
Raisan village, Koba-Gandhinagar High-way,
Gandhinagar - 382007, GUJARAT,INDIA

Tender Notice

Sealed tender bids are invited from reputed / authorized supplier/ manufacturer for supply, installation and commissioning of the following items for Pandit Deendayal Petroleum University, Gandhinagar, so as to reach the undersigned at the address given below latest by the date and time specified here in below.

Tender No.	Lab. Name	EMD (Rs.)
PDP/50MWPP/20-21/WT/10	SRDC	Rs. 5,00,000/- (Rupees Five Lakhs only)

Bid documents containing complete details, specifications, terms and conditions etc. can be downloaded from the PDPU website www.pdpu.ac.in. The download tender document (PDF Format) comprises:

- Part - I : Tender Notice
Part - II : Technical Specifications (Schedule-'A')
Part - III : Commercial Terms & Conditions

The Technical Bids so received, shall be opened, on the date and time specified here in below at the Pandit Deendayal Petroleum University, Raisan Village, Gandhinagar in the presence of the bidders or their authorized representatives those wish to be present.

The Financial bids of only eligible Tenderer(s) shall be opened. The date and time of opening the financial bids shall decide after scrutiny of the Technical bids.

Important Dates:

Date of Issuance of Tender	07-Sep-20
Date of Amendment in Tender	07-Dec-20
Last Date for Submission of Pre-bid Queries	14-Dec-20
Date of Response to Pre-bids	16-Dec-20
Last date and time for submission of Bid	23-Dec-20
Opening of Technical Bid	24-Dec-20
Opening of Financial Bid	Shall be Announced Later

Important Instructions:

1. The offer shall be submitted on downloaded tender document only.
2. The Main envelope should contain followed **four envelopes** duly sealed.
 - a) **EMD Envelope:** This should contain Demand Draft (DD) for EMD document in favor of Pandit Deendayal Petroleum University payable at Ahmedabad.
 - b) **Technical Bid:** Schedule- 'A'

c) General Commercial Terms & Conditions

d) Price Bid: (Schedule 'B') should contain only Price Bid

All the four envelopes should be super scribed with tender No., and Name of the bidder.

3. Offer without EMD is liable to be rejected forthwith.
4. The Tender, duly completed, should be sent by RPAD or Speed Post or Courier Service (Hand Delivery is not acceptable) so as to reach latest by the date and time specified here in above. Tender received after the due date and time shall be rejected irrespective of delay due to postal service or any other reasons.
5. Any technical query, information clarification pertaining to this tender may be referred on email address of PLTender@pdpu.ac.in.

PDPU reserves right to reject any OR all tenders without assigning any reason.

Sd/-

Registrar

Pandit Deendayal Petroleum University

Raisan village, Koba-Gandhinagar High-way,

Gandhinagar – 382007, GUJARAT, INDIA

PART-II
SCHEDULE 'A'

DETAILS OF TECHNICAL SPECIFICATION FOR DESIGN, SUPPLY, INSTALLATION AND
COMMISSIONING OF 50 MW SOLAR PV MODULE MANUFACTURING LINE LIST OF
EQUIPMENTS AND ITS SPECIFICATIONS

Sr. No.	Equipment	Quantity
1	Glass Lifter	1
2	Tabber Stringer	1
3	Hi-Speed Layup Station with ROBOT -	1
4	Buffer Before Bussing (15 Modules)	1
5	Motorized Conveyor for Visual Inspection	1
6	Motorized Manual Bussing Station	3
	Multi-station	1
7	Motorized Conveyor for Visual Inspection	1
8	Centering Conveyor for EL tester	1
9	Electroluminescence Tester	1
10	Transport System with 1 DC for Rejected Modules	1
11	Fully Automatic Laminator with Loading and Unloading Belts	1
12	Trimming Station	1
13	90° Flipping & Inspection	1
14	Transport System with 1 DC for Rejected Modules	1
15	Automatic Inline Framing -	1
16	Automatic Silicone Dispenser - (25 Kg)	1
17	Multi-station for JB Fixing	1
18	Centering Conveyor for Sun Simulator	1
19	Sun Simulator - Plus A	1
20	Motorized Conveyor for EL tester	1
21	Electroluminescence Tester	1
22	Motorized Conveyor for Module Unloading	1
23	EVA / Back -sheet Automatic Cutting	1
24	Ribbon Cutting Machine	1
25	Laser Cell Scriber	1
26	Lab Test Equipment:	
	Gel Content Kit	1
	Peel Tester	1
	Hi-Pot tester	1
27	Additional KIT:	
	String Reparation Table	1
	Support Wagon For Cut EVA & Backsheet	3
	Wagon With Turnable Wheels	2
	Support For Laminates	2
	Tool Bag	1
	Soldering Iron With Temperature Controller	8
	Patterns For Soldering Of Head Connection	30
Other Accessories	1	
28	Spares & Consumables Kit	1

General statement: The assembly line will be utilized both for the research, production and skill development purposes. Involvement of scientists for Research & up-gradation / integration will also be happening during the course of operations.

All machines and components (wherever possible) should have clear mention of the make.

I	<u>Details Specification of Main Equipment:</u>
1	<p>Glass Handler, Washing & Drying Station with loading and unloading station: To remove the hydrophobic layers, contamination etc.</p> <p>(i) Glass Handler:</p> <ul style="list-style-type: none"> • Pneumatic lifting device with manual loading and unloading of the glass • Handling of all standard glass up to 2000 mm x 1000 mm sizes • Large slew range <p>(ii) Washer & Dryer: To effectively remove contaminations from glass panels like dust, rough particles and greasy marks (e.g. fingerprints)</p> <ul style="list-style-type: none"> • Substrate type: All type of glass • Width of the substrate: 280 - 1100 mm or larger • Thickness range of the substrate: 3-5 mm or larger • Washing principle: Spraying/ roller brushes (≥ 2 brushes) without imprint • Provision for recycling the water to reduce the consumption • Drying principle: Air knife/ dry jet/ drying with fans • Speed : ≥ 1 meter/min • Breakage : $\leq 0.01\%$ • Loading and unloading conveyers/belt <p>Clearly mention the make of the components</p>
2	<p>Automatic Tabber- Stringer Machine:</p> <ul style="list-style-type: none"> • This should be an advanced and innovative Tabber & Stringer machine with Throughput of 1800 Cells/ hour (up to 166 mm Cells upgradable to 182 mm and 210 mm) with less than 0.2% breakage. • It is equipped with hybrid soldering head to solder very thin PV solar cells such as MONO, POLY, BIFACIAL, PERC, CUT CELL and high efficiency solar cells without mechanical and thermal stress. • It should be equipped with High Resolution Camera which is used for the alignment & centering of cells and Camera for detecting broken Cells before soldering. Camera for detecting broken cell for post string operation before layup. • Suitable for 5 & 6 busbar (should be upgradable to MBB) with cell size up to 166mm (should be upgradable to 182 mm and 210 mm) • Half Cut (and 1/3 cut and upgradable to solder $\frac{1}{4}$ cut, $\frac{1}{8}$ cut) cell can also be processed in this machine • Basket size to handle cell size up to 166mm (upgradable to 182 mm and 210 mm) • Cell Alignment accuracy w.r.t to Busbar : ± 0.1mm • Automatic Flux Dispenser, Changing of cell basket • It should be Programmable Stretching operation for different types of ribbon • Adjustable tab length, cell to cell gap from 2 to 35mm & Maximum string length 2 meters. • Ribbon Changeover Time should not be higher than 60 secs • It should be equipped with Flipper & Dual Track System for high throughput • It should be supplied with internet assistance and embedded PC with user friendly HMI. <p>1. Throughput 1800 cells/h is on higher side for 50 MW line. Machine make should be clearly mentioned.</p>

3	<p>Automatic Layup Station with Manual Bussing Facility:</p> <p>(i) Automatic Layup Station:</p> <ul style="list-style-type: none"> • Throughput of layup station shall match or exceed tabber-stringer & to be integrated with the Tabber-Stringer • Glass Size : Up to 2020 mm x 1015 mm x 3-5 mm (L x W X T)(expandable/upgradable to 2350 mm x 1300 mm x 3-5 mm) • Loading arrangement & centering of glass with EVA • Vision system with camera for precision alignment & positioning of cell strings on glass • Adjustable for a variety of cell sizes and cell matrix (eg. 12 x 6) • Rotation of cell string by 180° degree • Touch screen for setting parameters (number of strings per module, string spacing, orientation of each string, etc.) • Inspection system to check for soldering, cell alignment & cell breakage • Cell breakage rate : < 0.1% • Substrate breakage rate (typical 4 mm glass): < 0.01% • Provision of buffers for strings • Seamless movement/transport of laminates assembly through ball table/conveyor transport system with adequate space and provision for intermediate operations such as bussing (interconnection), termination, final assembly & inspection before feeding to the next stage • Emergency stop during human intervention
9&20	<p>Electroluminescence (EL) Inspection System:</p> <ul style="list-style-type: none"> • System should be capable to capture & display EL image of each individual silicon (mono, multi crystalline) solar cells of any size & shape including HIT, N type, PERC, Bi-Facial, Shingled, HOT, and flexible solar panels, high capacitance solar panels. • System should be capable for the detection of Micro crack, Edge defects, Printing defects, Low efficient area, , Sintering Defect, Defects of Solar cell material (Debris, Cracked, Broken Gate, pollution), Defects from the Welding Process (Weld, De-Solder, Broken Fingers), Mix Different levels Cells sorted wrongly, false detection on framed or unframed modules before and after lamination of any thickness • Module Size for measurement: Up to 2,050 mm × 1,050 mm or larger (should be upgradable to 2350 mm x 1300 mm) • Camera Specification: CCD camera (single or multi camera system), Image acquisition time 120 sec, pixel size 10 μm, Image resolution 400 μm. Provide the details of the camera, maximum and minimum field of view in standard configuration, possibility to enhance the field of view • Software and Graphics: Operator controlled user friendly image processing software to store and reload images user friendly automation containing unit. Provision for rejecting not good modules. All the software required should be provided in CD and image form. • Computer: PC, Industrial PC with keyboard/mouse interface on PC, Latest version with 43" inch flat screen monitor and high performance graphic cards, provide details • Accuracy : 1px = 0.55mm • Exposition time: from 1s to 10s per snap; • Analyzing time for a complete module: less than 30s

	<ul style="list-style-type: none"> • Inline work height 1000 mm • PC based software • Dark current test in-built in the machine • Motorized Loading / Unloading conveyor for in-line integration • Bar Code Reader • Equipment working environment : 15°C~40°C(Temperature); 20~60 % (Humidity) • Equipment placement environment : 5°C~40 (°C Temperature); 5~85 % (Humidity)
11	<p>Laminators with loading and unloading system:</p> <ul style="list-style-type: none"> • Single stage laminator capable of manufacturing minimum five numbers of PV laminates of size 2020 mm x 1015 mm per cycle - Should be mentioned in total area divided in 5 plates. Each plate should be mentioned with number of controllable zones. For example, “Usable lamination area 5400x2050 mm² (upgradable to 6000 x 2600 mm²) divided in 5 plates. Each plate should have at least 3 controllable heating zones.” • Touch screen operation for quick setting of PLC control system • Display of process parameters like temperature, time, vacuum • Silicone membrane change with quick clamps • Release sheet of Teflon on both sides of the laminate • Provision for cleaning of excess EVA on release sheet & transfer belt • Lamination platen operating temperature : Up to 160 °C (Should be Ambient – 180 °C) • Temperature Uniformity : ± throughout the platen@150 °C • Vacuum soaking (pumping) & curing in one cycle • Heating System : Electrical/ Hybrid Heating • Dry vacuum pump of reputed make like Leybold, Pfiffer, Edward to achieve vacuum less than 1 mbar in less than 120 seconds with densable trap to prevent clogging of pump with volatile by-products (fumes) of lamination • Backup pump for fast changeover in case of pump failure • Loading & unloading conveyors system for laminates • Safety alarm system while loading / unloading • Emergency stop during human intervention • Cooling of the modules on the unload belt • Glass-glass compatibility should be mentioned: Ideally, 2+2/ 3+3/ 4+4/ 6+6/ 8+8 mm • Control: Automatic and control through PLC. • Laminate appearance: Laminator suitable for colorless glasses, colored glasses as well as flexible glassless modules. • Pin-lift: System should have a pin lift system to allow pre-heating and ensure uniform temperature distribution. • EVA gas filtering: System should be installed with scrubber unit to save pumping systems and environment. <p>Buffer system: Laminator should have buffer system to store at least 20 modules as stockpile in the production line.</p> <p>Mention the make of the machine clearly</p> <p>Mention cooling rate. For example, cooling the module after lamination to a temperature of 35/40 °C in less than 10 min.</p>

11	Edge Trimming Station : <ul style="list-style-type: none"> • Turn table / Ball table with vacuum holding system • Size of laminate : Up to 2000 mm x 1000 mm x 5.5 mm thick (upgradable to 2300 mm x 1300 mm) • Edge trimming is to be done manually by blade/knife
15	Automatic Silicon dispensing unit for Frames: <ul style="list-style-type: none"> • Automatic machine to put correct amount of silicone in aluminum frame • Machine should feed aluminum frame to silicone station that after applying the silicone in the frame pushes it to the operator • Frame length : Up to 2020 mm (upgradable to 2350 mm) • Automatic silicone dispensing pump for silicone drums • Touch screen panel for operator control <p>The machine should have a sensor which monitor the state of the unload station. It will dictate interrupt the cycle automatically if the belt is full.</p>
16	Framing Station for Corner type Frames : <ul style="list-style-type: none"> • Corner block fixing tool for pressing the corners into the shorter/longer arm frames • Horizontal framing machine for pressing the frames into the laminate in a sequential manner & punching the corner blocks • Module size: Up to 2020 mm x 1015 mm, (upgradable to 2350 mm x 1300 mm) Frame height : Up to 50 mm • Handling system for loading & unloading for framing station <p>The unit should be suitable for both silicone and tape framing.</p>
17	Sealant Application for Junction Box Fixing: <ul style="list-style-type: none"> • Turn-table with vacuum holding system for holding the PV modules • Pneumatic pop-up pads to hold securely the module during junction box fixing • Pneumatic dispensing gun to dispense silicone adhesive for attaching and sealing the junction box to the module
19	Sun Simulator <ul style="list-style-type: none"> • Triple class A+ (uniformity<1%, spectrum AM1.5G and stable luminosity 1200 W /m²) certified by TUV Intercert. Suitable for module with cells: Mono, Poly, PERC, HIT, Bifacial, Back Contact, Thin Flim – Sun Soaking • Spectral Range : 300nm – 1200nm • Range of intensity : 200W/m² – 1200W/m² • Spectrum : ± 8% • LTI / STI : ± 0.125% • No recharging time between the tests • Standard pulse duration : 100ms – 200ms • Long pulse capabilities : 3 – 5s • Possibility to personalize the pulses up to 30s • Calibrated pyranometer for irradiance measurements • Compact dimensions • Precise Electronic load for the characterization of the module with customized I-V range • Sensor to measure the module and the environment temperature • Uniformity constant over LED source life time • Illuminated area : 2.2 x 1.4 m • Maximum Module size : 2020mm X 1200mm • LED source life time more than 50 Million pulses

	<ul style="list-style-type: none"> • 1 Thermal Printer for bar code and back labels with Ribbon, Barcode label & Backside Label • 1 Laser printer for printing IV Curve • Bar Code Reader • Inline work height 1000 mm • SQL database for data storage • RFID compatible • 8 Sets of JB Extension cable for module testing • Motorized load/unloading system with Manual contact <p>Mention the make of the machine clearly</p>
II	<u>Details specification of Miscellaneous Equipment:</u>
A	<p>Laser Cell Scriber :</p> <ul style="list-style-type: none"> • Scribing and cutting for mono, multi crystalline silicon solar cells • High quality of beam, quasi base mode (Low mode),small divergence angle • Laser diode pumped/lamp pumped Nd-Yag laser • Laser Wavelength: 1064 nm • Scriber precision: $\pm 10\mu\text{m}$ • Max scriber thickness: $\pm 1.2\text{ mm}$ • Laser repetition frequency: 200 Hz ~ 50 KHz • Max scriber speed: 120mm/s • Laser max power: 50 W • Work platform size: 350x 350 mm • Drive : Servo control drive for x -y axis motion • Laser optical path alignment: Optical fiber or any other user friendly technique <p>Mention the make of the machine clearly</p>
B	<p>EVA & Back Sheet Cutting Machine :</p> <ul style="list-style-type: none"> • Maximum EVA / Back sheet dimension : 1,050 mm (W), 2020 mm (L) (upgradable to 1300 mm x 2350 mm) • Touch screen adjustable parameters for cut lengths, number of cuts, speed • Automatic piece counter with inclusion on cut for taking connector out <p>All variables should be clearly mentioned in the offer.</p>
C	<p>Ribbon Cutting Machine :</p> <ul style="list-style-type: none"> • Suitable for all type of ribbon material • Adjustable parameters for cut lengths and number of cuts • Ribbon Thickness : 0.1 mm-0.4 mm • Width : 1 mm to 6 mm • Loading : Spools /Carton reels • Perfect linearity for all ribbons • Automatic piece counter • The number of strip processed should be 1-5 per cut. • Mention: Cutting speed 300 pcs/min.
D	<p>High-Voltage Test Station:</p> <ul style="list-style-type: none"> • Accommodate PV modules up to 2000 mm x 1000 mm or larger • Programmable applied voltage, ramp time, dwell time and allowable leakage current • System should meet the High-voltage requirement of UL-1703, IEC-61215 & 61730 etc. • Failure detection system • Safety kits for operators

	All variables should be clearly mentioned in the offer
E	Gel, Peel and Pull Strength Test Station: <ul style="list-style-type: none"> • Test station with equipment to evaluate gel content • Test station with equipment to evaluate peel strength encapsulate adhesion and ribbon pull strength All variables should be clearly mentioned in the offer
F	Dark Current Test Setup: <ul style="list-style-type: none"> • Programmable test set up to check module up to 300 Watt
G	Tools for Maintenance: <ul style="list-style-type: none"> • Two sets of maintenance tool for complete line

ELIGIBILITY CRITERIA

- THE SCOPE SHALL INCLUDE SUPPLY, LAYOUT, DESIGN AND INSTALLATION, COMMISSIONING, INSPECTION, TRAINING, PROCESS OPTIMIZATION AND WARRANTY WITH SPARES FOR 5 YEARS, CONSUMABLES FOR 2 YEAR, AMC FOR 2 YEAR OF PV MODULE MANUFACTURING LINE (TURNKEY) FOR MANUFACTURE OF 50 MW SPV MODULES. IN ADDITION IEC CERTIFICATION IS ALSO INCLUDED IN THE SCOPE.
- A COMPANY MUST HAVE SUPPLIED AND INTALLED MINIMUM ONE TURNKEY LINE TO GOVERNMENT DEPARTMENT/PSU/UNIVERSITY/ANY OTHER RECOGNISED COMPANY WITH DOCUMENTARY PROOF SUCH AS PO COPY AND SATISFACTORY LETTER IN LAST 3 YEARS WITH AMOUNT OF MORE THEN 10 CRORES.
- COMPANY MUST BE MANUFACTURING ALL THE MACHINERY IN HOUSE /ALL THE MAJOR EQUIPMENT OF PV MODULE LINE (TABBER & STRINGER, LAY-UP STATION, LAMINATOR, SUN SIMULATOR, EL TESTER) SHALL BE PROCURED PREFERABLY FROM A SINGLE SOURCE FOR THE TURNKEY LINE. NO OEM ALLOWED FOR SUCH MACHINES
- THE VENDOR SHOULD HAVE ALREADY SUPPLIED AND INSTALLED A MINIMUM OF 1,000 MW TURNKEY LINE IN INDIA AND 50 MW OR ABOVE FULL TURNKEY LINE IN INDIA MUST BE OPERATING SATISFACTORILY SINCE LAST FIVE YEARS.
- CUSTOMER CERTIFICATE FOR SATISFACTORY PERFORMANCE TO BE PROVIDED
- THE OFFER SHOULD BE FOR NEW EQUIPMENT ONLY AND NOT FOR REFURBISHED USED EQUIPMENTS
- DETAILED SPECIFICATIONS FOR EACH EQUIPMENT SHALL BE SUPPORTED BY CATALOGUES, DRAWINGS AND DATA SHEET SERVICES REQUIRED FOR EACH EQUIPMENT SHALL BE INDICATED ALONG WITH THE OFFER. EQUIPMENTS SUPPUED SHALL BE ENERGY EFFICIENT AND SHALL MEET ENVIRONMENTAL STANDARDS
- MAN POWER REQUIREMENT FOR OPERATIONS SHALL BE CLEARLY INDICATED IN THE OFFER.

- PLANT LAYOUT DIAGRAM AFTER PLACEMENTS OF EQUIPMENTS TO BE SUBMITTED.
- DUTIES, TAXES, FREIGHT AND INSURANCE SHALL BE INDICATED SEPARATELY IN THE PRICE BID.
- DELIVERY TIME UPTO 4 MONTHS FROM DATE OF WORK ORDER.
- SUPPLIER SHALL TRAIN PDPU PERSONNEL AT THEIR PREMISES FOR FREE AT THEIR COST FOR A PERIOD OF WEEK FOR PRODUKTION, OPERATION AND MAINTENANCE OF EQUIPMENTS TO & FRO CHARGES & LOADING AND BOARDING WILL BE BORNE BY PDPU
- SUPPLIER SHALL TRAIN A BATCH OF PDPU PERSONNEL AT PDPU, GANDHINAGAR FOR PRODUCTION, OPERATION AND MAINTENANCE OF EQUIPMENTS PRE-DISPATCH INSPECTION WILL BE CARRIED OUT AT VENDORS PREMISES BEFORE SHIPMENT OF EQUIPMENTS.
- ALL THE EQUIPMENT OF PV MODULE LINE SHALL BE PRE-TESTED BY TPI PRIOR TO SHIPMENT. SUPPLIER SHOULD SHOW ALL THE CERTIFICATES CERTIFIED BY COMPETENET AUTHORITIES OR RECOGNISED AGENCIES FOR SYSTEM SAFETY. THIS INCLUDES THE MATERIAL TEST RESULTS, NECESSARY TEST CERTIFICATES FOR PRESSURE TEST, EXPLOSIVE CLEARANCE CERTIFICATE (IF REQUIRED) AND ANY OTHER CERTIFICATE OF RELEVANCE. CALIBRATION DETAILS OF THERMOCOUPLES, HOT ZONE DIMENSIONS, LOADING SYSTEMS,
- ALL PNEUMATIC, HYDRAULIC SYSTEMS AND VALVE OPERATIONS SHOULD BE PROVIDED
- SUPPLIER SHALL SUPPORT FOR IEC/BIS CERTIFICATION. ALL THE COST RELATED TO CERTIFICATION WILL BE PAID BY BUYER ALSO THE COST OF RAW MATERIAL AND MANUFACTURING OF MODULES AT 3 RD PARTY WILL BE PAID BY PDPU.
- INSTALLATION & COMMISSIONING (T&C) OF THE LINE SHALL BE CARRIED OUT BY THE VENDOR AT PDPU, GANDHINAGAR AND THE INSTALLATION&COMMISSIONING COST SHALL BE INCLUDED IN THE QUOTED PRICE.
- AFTER INSTALLATION THE LINE CAPACITY MUST BE PROVED/DEMONSTRATED FOR FULL CAPACITY BY RUNNING THE LINE FOR ATLEAST 72 HOURS CONTINUOUSLY
- WAARANTY OF THE LINE SHALL BE MINIMUM FIVE YEAR (AT NO EXTRA COST) FROM THE DATE OF INSTALLATION UP-GRADATION OF SOFTWARE DURING WARRANTY PERIOD SHALL BE DONE FREE OF COST BY THE VENDOR
- DETAILS OF LOCAL SERVICE PERSONNEL/CENTER SHALL BE MENTIONED IN THE TECHNICAL BID
- THREE HARD COPIES OF O&M MANUAL TO BE SUPPLIED FOR ALL THE EQUIPEMENTS.
- SEPARATE CD'S CONTAINING SOFTWARES AND DRIVERS OF EACH EQUIPMENTS SHALL BE SUPPLIED.
- LAST THREE YEAR AVERAGE ANNUAL TURNOVER SHOULD BE GRETER THAN RS. 30 CR.

PART-III
GENERAL COMMERCIAL TERMS AND CONDITIONS

DEFINITIONS:

- Tenderer/ Supplier / Bidder: These terms are synonym and mean the firm who intends or who has submitted offer in response to this tender.
 - Tender / Bid Document: means this tender document.
 - **PDPU: Pandit Deendayal Petroleum University having it office at Raisan Village, Gandhinagar-382007 and includes it's successors and assignee**
1. The tenderer should thoroughly read all the clauses of the tender document before submitting the duly filled in Tender.

Tenderer shall place the following **ANNEXURES as FIRST SIX pages** of their Technical Bid in the following sequence.

FIRST PAGE	ANNEXURE - 1
SECOND PAGE	ANNEXURE - 2
THIRD PAGE	ANNEXURE - 3
FOURTH PAGE	ANNEXURE - 4
FIFTH PAGE	ANNEXURE - 5
SIXTH PAGE	ANNEXURE - 6
SEVENTH PAGE	ANNEXURE - 7

2. SUBMISSION OF BID DOCUMENT:

PDPU follows two bid systems. Tenderer shall submit two separate bids viz.

- a) Techno - Commercial Bid (Technical Bid) **and**
- b) Price Bid as under;

a) Technical Bid: This shall be in sealed envelope. It shall be super scribed

Technical Bid: Tender No.	Name of Bidder:
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It shall contain the following

- (i) Six pages as mentioned in condition 1 above and

TENDERERS SHOULD FURNISH THE FOLLOWING DETAILS:

- a. Technical Specifications (Part-II) and General Term & Conditions (Part -III) of Tender Document Duly Sign on each page by Authorized Signatory as token of his acceptance.
- b. Audited Accounts of last three years of the firm.
- c. Performance reports, if any.
- d. Consent letter from their principals to manufacture such items.
- e. All the testing equipment **MUST** have been calibrated up to date.
- f. List of customers

- (ii) All the information and supporting documents for (i) above

- (iii) Details, Documents, Literature, certificates etc. for the equipment / Material offered.

(iv) All the information and supporting documents for (i) above

(v) Details, Documents, Literature, certificates etc. for the equipment / Material offered.

b) Price Bid: This shall be in sealed envelope.

It shall contain offer price in the form specified in the tender document as Schedule-'B'. The Printed Price list or price in different format will render the offer liable for rejection.

It shall be super-scribed as:

Price Bid:	Tender No.:	Name of Bidder:
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c) EMD Envelope: This envelop shall contain the following:

- Demand draft, for EMD
- Supporting Documents, if bidder seeks exemption in EMD

It shall be super-scribed as:

EMD Envelop:	Tender No.:	Name of Bidder:
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d) Main Envelope: This envelope shall contain envelop of Technical bid, envelop of EMD and Price Bid.

It shall be super-scribed as:

Main Envelop:	Tender No.:	Name of Bidder:
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The entire bid document (Main envelope mentioned above) should be submitted so as to reach this office not later than 02.00 P.M. on due Date as specified in the tender notice through RPAD / Speed post or Courier only.

Incomplete bids and amendments and additions to bids after opening of the bids will be ignored out rightly.

The technical scrutiny committee of PDPU shall evaluate the techno-commercial view of the tender. PDPU reserves the right to open or not to open the price bid of the bidders on the basis of their past performance of their supplied materials.

3. Qualification Criteria

To qualify the bidders should also fulfill the following eligibility criteria, apart from the Eligibility Criteria as mentioned earlier from page 11:

Sr. No.	Criteria	Documents to be submitted
A	The Bidder should have been involved in the Solar Product Line Business for last Five years or more.	• Company / Partnership registration certificate (Incorporation Certificate).

Sr. No.	Criteria	Documents to be submitted
B	The Bidder should have average annual turnover (of similar works) of not less than Rs. 10 Crores for the last 3 financial years i.e. 2019-20 & 2018-19, 2017-18.	<ul style="list-style-type: none"> • Copy of certificate from Chartered Accountant along with copy of Balance sheets.
C	Shall not have incurred any loss in more than one years during the last 3 financial years i.e. 2019-20 & 2018-19, 2017-18.	
D	Shall have solvency of Rs. 10 Crore, The bidder shall submit the solvency certificate, not older than three months prior to 31 th July 2020, issued by any scheduled bank, in original.	<ul style="list-style-type: none"> • Solvency certificate
E	Shall have average net worth of not less than Rs. 25 Crores	<ul style="list-style-type: none"> • Certificate from Chartered account / statutory auditors specifying net worth of the applicant, as at the close preceding financial year, and also specifying that the methodology adopted for calculating such net worth confirms to the provision of this clause. For the purpose of this prequalification, "Net Worth" shall mean the sum of capital (paid up capital in case of companies) and reserves from which shall be deducted the sum of revaluation reserves, miscellaneous expenditure not written off and reserves not available for distribution to equity share holders (in case of companies)
F	The Bidder shall have successfully completed at least one similar project as a prime contractor of value not less than Rs. 10 Crores during last 3 years.	<ul style="list-style-type: none"> • Copy of Work Order issued by the client to contractor. • Copy of Final Completion • Certificate issued by the client to contractor. • Photographs Evidences of Client / 3rd party audits for Quality assurance system. <p>NOTE: - Copy of certificate issued by Consultant/PMC will not be considered for evaluation.</p>
G	The bidder should not have been black listed/stop business by any State / Central Department or PSU or Autonomous bodies.	<ul style="list-style-type: none"> • The applicant must submit a notarized affidavit to this effect.

4. A committee of experts constituted by PDPU shall undertake Technical evaluation. The Committee may, at its discretion, call for information from owners of firm / contractor and

evaluate the previous completed projects regarding all submission including litigations. The firm / contractor qualifying the eligibility criteria as set out above shall be evaluated for following criteria on the basis of details and documents provided.

5. Procedure for selection of Vendors.

After submission of the tender document, the technical scrutiny committee of PDPU shall evaluate the techno-commercial view of the tender. PDPU reserves the right to open or not to open the price bid of the bidders on the basis of their past performance of their supplied materials.

The price bid of those who are techno-commercially qualified shall only be opened.

PRICE EVALUATION:

No price preference shall be given on any account. All tenders will be evaluated on firm price end-cost basis; The parties however shall give the detailed break-up of the end cost. If PDPU feels that there is lack of serious competition or for any other reasons, PDPU may negotiate with the L-1 party. PDPU's decision to accept any or all tenders shall be final and binding on all the parties. However, the Director General of PDPU or the Authorized Committee at its sole discretion reserves the right to negotiate with other tenderer in case the technical specification of some or all products are found to be superior.

EARNEST MONEY DEPOSIT: (EMD)

EMD is Rs. 5,00,000/-. The EMD is payable by Demand Draft, of any Nationalized Banks, drawn in favor of the PANDIT DEENDAYAL PETROLEUM UNIVERSITY, payable at Ahmedabad.

The Earnest Money of unsuccessful bidder will be refunded (after deduction of bank charges, if any)

6. DELAYED AND LATE TENDERS:

No Tender shall be accepted / opened in any case which are received after due date and time of the receipt of tender irrespective of delay due to postal services or any other reasons and PDPU shall not assume any responsibility for late receipt of tender. Any correspondence in this matter will not be entertained.

7. PRICES:

The details of the price shall be given in Price Bid (Schedule-B) only and nowhere else. Prices quoted shall be FIRM and on F.O.R. Destination basis (i.e. PDPU, Gandhinagar). However, the Tenderer should indicate in the Price Bid, the break-up of Unit F.O.R. Destination Prices with break-up of Unit Ex-works price, GST, average freight, packing charges, and Insurance Charges. Tenderer should quote the Freight as well as Insurance Charges both separately as shown in price bid. If this is not specifically mentioned then PDPU will have the option to take the prices as exclusive of taxes and duties (at maximum slab rates) for the evaluation of the tenders.

The Tenderer should invariably indicate the total unit end cost price considering all their costs / calculations in the Price bid itself for each item and all sub-items if any. This is mandatory. Cost components hidden / furnished elsewhere will not be considered and will be ignored out-rightly.

Only for Traders - Tender:

- i In case of a trader-**tender**, if the quotation is furnished for all inclusive rates and the rates of taxes and duties are indicated without indicating the amount, in such cases, the **price** is eligible for statutory variation.
- ii Where the trader-**tender** quotes all inclusive rates without indicating the rate of Taxes and Duties included in the quoted price, the price is not eligible for any statutory variation.

8. REFUND / FORFIETURE OF EMD

EMD will be forfeited if (i) the tender, it covers, is withdrawn during the validity of the offer or (ii) the Tenderer fails to furnish / deposit the Performance Guarantee towards Execution Period (security deposit).

EMD of the unsuccessful tenderer's will be returned within 60 days of placing of the order to the successful Tenderer subject to the unsuccessful bidder returning the original receipt of the EMD together with the advance stamped receipt, to the Accounts Officer of PDPU.

EMD will be returned to the successful bidders, only on their submission of performance guarantee towards execution period against order released to them.

9. PERFORMANCE GUARANTEE (PG) TOWARDS EXECUTION PERIOD: (i.e. SECURITY DEPOSIT):

Successful tenderers will be required to pay an amount equivalent to 10 % of the Order value shall be submitted along with the Installation of the product line and it shall be valid for 30 months from the date of supply or 24 months from the date of commissioning, whichever is earlier to cover the warranty of the turnkey line.

The Bank Guarantee will be executed on the standard form prescribed by PDPU as APPENDIX - I.

The Bank Guarantee so furnished should have clear one time validity till the completion of the order in all respects. Bank Guarantee for Interim period will not be acceptable. If by any reasons the supply period is extended then the supplier shall undertake to renew the Bank Guarantee at least one month before the expiry of the validity failing which PDPU will be free to encash the same.

The successful bidder/s shall have also to furnish PG (as specified here of) for the contract value towards warranty / guarantee period separately as applicable as per tender conditions.

Performance Guarantee towards Execution Period (Security Deposit) will be returned on successful completion of the Order and only after the Performance Guarantee towards warranty/guarantee, as mentioned above, is submitted.

10. VALIDITY OF THE OFFERS:

The offers shall to be kept valid for a period of 90 days from the date of opening of technical bids. In case the finalization of the tender is likely to be delayed, the tenderers will be asked to extend the same without change in the prices or any terms and conditions of the offer. If any change is made, original or during the extended validity period, the offers will be liable for outright rejection without entering into further correspondence in this regard and no reference will also be made.

11. TRUCK RECEIPT (T.R) / AIRWAY BILL (A.B):

All the Goods should be dispatched freight paid and the A.B / T.R should be forwarded directly to PDPU Office at Raisan Village, Gandhinagar. The demurrage charges, if any, paid by the PDPU due to delay in informing PDPU or any other reason attributable to supplier, will be deducted from his bill. It is essential that packing notes and invoices are furnished in respect of every consignment.

The supplier will be responsible for any damages / shortage claim rejected by the respective Authorities for want of a clear A.B / T.R.

Materials may be dispatched by any convenient mode of transport and up to PDPU i.e. F.O.R Destination.

12. PACKING AND FORWARDING CHARGES:

The prices shall be inclusive of packing & forwarding charges. The Materials should be strongly and adequately packed to ensure safe arrival at destination. The materials dispatched from overseas by Air / Shipping should be packed such that it can withstand rough handling and possible corrosion due to exposure to salt laden atmosphere, salt spray or open storage. All packing must be clearly marked with order Number and consignee's name and address.

13. TRANSIT INSURANCE:

All the materials will be required to be supplied up to Destination against all transit risks, such as damage, loss, theft, fire, etc. The insurance period shall cover 15 days after the date of receipt of materials at site to enable PDPU to check up stores fully. The suppliers will be responsible for free replacement of such stores which have been received short, damaged or broken within 15 days.

The cost of damaged, defective stores materials will however be deducted from the bills of the suppliers and will be refunded only after replacement thereof. It will be the responsibility of the supplier to lodge claim against the insurance on receiving necessary advice from PDPU.

14. ACCEPTANCE OF STORES:

The equipment / materials to be supplied against this tender are subject to their acceptance by PDPU or any other Officer deputed for this purpose.

15. UNLOADING:

Unloading of the materials shall be borne by the Bidder only.

16. STATUTORY VARIATION:

Any statutory increase or decrease in the taxes and duties subsequent to the offer under this tender if it takes place within the original contractual delivery date will be to PDPU account subject to the claim being supported by documentary evidence. No increase due to such variation shall be allowed for the portion of the delivery after the original contractual delivery date. However, if any decrease takes place after the contractual delivery date, the advantage will have to be passed on to PDPU

17. PAYMENT TERMS:

- 75% payment through letter of credit against shipment of equipment (complete dispatch documents like B/L, invoice, Packing list, Warranty certificate, Nil shortage certificate, Certificate of country of origin, factory test report, inspection certificate issued by PDPU or PDPU's representative, etc. will be required for negotiation of Letter of Credit)
- 15% payment after successful installation and commissioning of the full turnkey line against submission of satisfactory installation and commissioning certificate issued by PDPU.
- 10% payment against submission of performance bank guarantee.

All Bank charges within India & outside India will be borne by beneficiary only.

18. REPEAT/ADDITIONAL ORDERS:

PDPU reserves the right to place repeat order / additional order on the successful tenderers up to 25% of the original quantity of the P O at the same prices, terms and conditions stipulated in the original contract during three months from the date of Purchase Order.

19. DELIVERY PERIOD:

The Tenderers will have to quote a firm delivery period (not exceeding 120 days from the date of issuance of Purchase Order) subject to the force Majeure conditions as accepted by PDPU. Tenderer should mention their delivery period. Time being the essence of this tender, delivery period shall be strictly adhered to. Delay in execution of order on account of any reasons will be subject to levy of penalty. The goods should be delivered at the PDPU address.

20. PENALTY FOR LATE DELIVERY:

In case, the materials are not delivered within the period stipulated in the order, penalty shall be levied at 0.5% per week on the prices (Total order value) subject to maximum 10% reckoned on the value of late delivered supplies

Due consideration will be given to waive levy of penalty for the reasons absolutely beyond suppliers control for which documentary evidence will have to be provided. The request for extension in delivery giving reasons and supporting documents shall have to be made available within one month on completion of the supply, and no request to waive levy of penalty will be entertained / reviewed during the execution of order

21. INSPECTION: Inspection of module manufacturing turnkey line will be done by PDPU/PDPU's representative. PDPU/PDPU's representative shall have free access to the supplier's works during testing and final inspection. Vendor shall inform the MMD not less than 2 weeks in advance. All testing arrangements shall be the responsibility of the vendor. PDPU reserves the right to inspect the material during manufacturing and/or before dispatch as per specifications and test protocols. Internal inspection report and inspection certificate must accompany the supply.

22. EXTENSION IN CONTRACTUAL DELIVERY DATE:

It will be supplier's responsibility to ensure that goods are delivered within the stipulated delivery period. However, if PDPU may consider extension of delivery period with or

without statutory variations, for the reasons beyond the control of the tenderer and subject to the Penalty as mention hereof.

Such extension will be subject to the following conditions.

- a. No increase in price on account of any statutory increase in or fresh imposition of customs duty, excise duty, sales tax or on account of any other tax or duty shall be admissible on the material delivered after the original contractual delivery date.
- b. Notwithstanding any stipulation in the contract for increase in price on any other ground, no such increase which has become effective on or after the contractual delivery date shall be admissible on material delivered after the original contractual delivery date.
- c. Nevertheless, PDPU shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty, excise duty, sales tax or on account of any other tax or duty or on any other ground as stipulated in the P.O., which takes place on or after the contractual delivery date of the said P.O. for the material delivered after the original contractual delivery date.

23. REPLACEMENTS OF GOODS BROKEN, DAMAGED OR SHORT:

In the event of any material or part thereof found broken or damaged or received short during transit or during installation or Commissioning or testing at site, before commissioning in service the suppliers shall replace the same free of cost. However, PDPU will recover amount equivalent to the cost of such damaged / broken / short supplied materials and will repay when actual replacement is given.

24. POST TENDER CORRESPONDENCE / ENQUIRIES:

The Tenderer will be refrain from pursuing / canvassing the matter, directly or indirectly with any Office of PDPU as otherwise the same would amount to disqualification of the tender.

25. PDPU shall have the right to make any changes, additions / deletions or modifications in any terms / conditions or quantity of the tender and / or specifications as may be deemed necessary by PDPU at its sole discretion at any time before the due date of opening of the tender.

26. PDPU does not accept the printed conditions of any Tenderer. It will be ignored without any reference; hence tenderers should withdraw such printed conditions if they have any. PDPU shall accept only unconditional tender.

27. If technical deviations furnished by the Tenderer are not agreeable to PDPU. However it will be solely at discretion of PDPU to consider the technical deviations OR not for considering the Tenderer. No correspondences of the Tenderer will be entertained in this matter.

28. Please ensure that the goods offered are on first sale basis only.

29. Revision of prices or any commercial terms affecting the price after opening of technical bids shall not be considered and will be ignored.

30. Tenderers shall indicate the name of their partners of their manufacturing firm.

31. Tenderer should specifically mention in the offers the name of the Partners / Proprietor/ Directors who is / are the signing authority.

32. WARRANTEE PERIOD: The equipment supplied shall be under warrantee for a period of 60 months from the date of installation and commissioning. Warrantee certificate shall be submitted along with the material.

33. APPROVAL:

The goods shall be subject to the approval of PDPU after receipt of the Material at site.

34. PDPU would prefer the offers from manufacturers directly. All the manufacturers should quote for those items, which are actually manufactured at / rolled by their plants. This should be strictly adhered.

PDPU reserves the right to inspect, suppliers factory at any time during the currency of the contract in case order is placed on supplier and also to inspect manufactured material before testing / packing / dispatch

35. If in any company, the interest of any employee of the PDPU. or his relative as defined in Section VI of the Company's Act. 1956, is 10% or more, PDPU will not deal with such company at all. Tenderer therefore, must specifically disclose this fact in his technical Bid. Non-disclosure of such facts would disqualify the Tenderer for further dealing with PDPU.

36. TERMINATION OF CONTRACT:

In case, the supplier fails to deliver the stores / materials / equipment or any consignment thereof within contractual period of delivery or in case the stores are found not in accordance with prescribed specification and/or the approved sample, PDPU shall exercise its discretionary power as under:

- a. To recover, from the supplier as agreed, by way of penalty clause above,
or
- b. To purchase from elsewhere, after giving notice of 15 days to the supplier, on his account and his risk
or
- c. To cancel the contract.
or
- d. PDPU at any time terminate the contract by giving written notice to the qualified Bidders/Tenderer without compensation to the qualified tenderer, if he became bankrupt or otherwise, insolvent or in case of dissolution of firm or winding up of company provided that such termination will not prejudice or effect any right of action or remedy which has thereafter to the University.

In the event of the risk purchase of stores of similar description, the opinion of PDPU shall be final. In the event of action taken under clause (a) or (b) above, the supplier shall be liable to pay for any loss which PDPU may sustain on this account

Further, "PDPU" reserves the right to terminate the Contract (i.e. Purchase order) at any time, without assigning any reasons, whatsoever, by giving a notice or not less than period of ONE month. Suppliers will not be entitled for any compensations / damages / losses, refund by PG whatsoever, on account of such termination of the Contract."

37. ARBITRATION

All questions, disputes or differences whatsoever which may at any time arise between the parties to this agreement touching the agreement or subject matter thereof, arising out of or in relation to there and whether as to construction or otherwise shall be referred to the

decision of the Sole Arbitrator, appointed by the PDPU, for that purpose, who shall be a retired High Court Judge or retired District and Sessions Judge, and the decision of the said Arbitrator shall be final and binding upon the parties. Reference to the arbitration shall be governed by the provisions of Indian Arbitration & Conciliation Act. 1996 as amended from time to time and the rules made there under.

38. JURISDICTION

All questions, disputes or differences arising under, out of or in connection with the Tender / Contract shall be subject to the exclusive jurisdiction of Ahmedabad court.

39. If the tenderer is an Agent, he will have to give information and declare the name of the principal from which he will source the materials along with company's written confirmation about quality and backup performance guarantee. Only on getting complete information from Agent, such offer, if found suitable, shall be considered.

40. PDPU reserves the right to cancel any or all the offers / bids or to accept any offer without assigning any reasons.

In case PDPU finds that there is an attempt of cartel in the prices, PDPU reserves the right to consider or reject any or all the parties offers without assigning any reasons thereof.

41. PDPU reserves the right to increase or decrease the quantity against each item/s while placing the order.

42. The names of the Partners / Directors / Sole Proprietors and responsible person and his updated Address / Telephone, Fax Numbers etc. should be invariably mentioned in the Annexure provided for this purpose in this document.

43. The Tenderer must give in his offer, the full name and address with phone, Fax & mobile numbers of the Authorized Representative to do liaison work with PDPU on their behalf.

44. The tenderers should invariably write the name and address of the Company, both on sealed covers of EMD, Technical & Price Bids. The tender covers without the name and address will not be opened.

45. The tenderers are required to furnish the technical information and the guaranteed technical particulars (GTP) along with company seal and signature of the Tenderer on each and every page / papers of the tender documents.

46. Tenderer should invariably fill up all the details of all the Annexure/s including the prices in the Price Bid Annexure of this tender document and should be duly signed by authorized signatories with their rubber stamp and along with Company's seal / stamp affixed on each paper

47. If the Tenderer fails to pay the Security Deposit or defaults in execution of the orders placed or if PDPU suffers any financial loss due to this, then PDPU will be at liberty to adjust the amount from other orders of the same firm or by encashing the Bank Guarantee.

48. All the tenderers must ensure that all the relevant documents / papers submitted with the tender should be serially numbered, properly bounded / tied together and properly documented

49. All the above points should be complied by the Tenderers. If not, tenders are likely to be ignored without making any further reference
50. Deviation (if any) w. r. t. our technical & commercial requirements shall be specifically mentioned in a separate sheet marked as 'Schedule of Exceptions & Deviations' elsewhere shall not be considered.
51. All requirements of export licensing, Govt. permissions or any other statutory clearance from the country of export as per regulations existing in the supplier's country shall be the responsibility of supplier.
52. LITIGATION HISTORY:

The bidder shall provide accurate information on Court cases and / or arbitration resulting from Contracts completed or under execution by him over the last five years, if the details of Litigation History are concealed by the applicant and later on it comes to knowledge of the client the bidder shall be disqualified for the proposed work and other appropriate actions shall be taken against the bidder.

AFFIDAVIT

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/s _____ have abandoned any work in India nor any contract awarded to us for such works have been rescinded, during last five years prior to the date of this bid.
3. The undersigned hereby authorise(s) and request(s) any bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the Department to verify this statement or regarding my (our) competence and general reputation.
4. The undersigned understand and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Department / Project implementing agency.

(Signed by an Authorised Officer of the Firm)

Title of Officer: _____

Name of Firm: _____

Date: _____

BANK GUARANTEE FORMAT

FOR TENDER NO. PDPU / _____

APPENDIX - I

Please mention here complete Postal Address of the Bank with Branch Code, Telephone and Fax Nos.	SIGNATURE OF THE BANK'S AUTHORISED SIGNATORY WITH OFFICIAL SEAL
--------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------

ON STAMP PAPER OF RS. 300/-

FORM OF BANKER'S UNDERTAKING

[For Performance Guarantees (PG) as per clause no.9 of commercial terms and conditions]

We, Bank of _____ hereby agree unequivocally and unconditionally to pay within 48 hours on demand in writing from the **PANDIT DEENDAYAL PETROLEUM UNIVERSITY** or any Officer authorized by it in this behalf any amount up to and not exceeding Rs. _____ (in words) Rupees _____ to the said **PANDIT DEENDAYAL PETROLEUM UNIVERSITY** on behalf of M/s. _____ who have entered into a contract for the supply/works specified below:

P.O. (A/T) No. _____ dated _____.

This agreement shall be valid and binding on this Bank up to and inclusive of _____ and shall not be terminable by notice or by change in the constitution of the Bank or the firm of Contractors / Suppliers or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alterations made, given conceded or agreed, with or without our knowledge or consent, by or between parties to the said written contract.

“NOTWITHSTANDING” anything contained herein before our liability under this guarantee is restricted to Rs. _____ (Rupees _____ only). Our guarantee shall remain in force until _____.

Place:

Date:

ANNEXURE - 1

I / WE, confirm that following documents are attached with the technical bid of the offer and should be placed as a First Page of offer:

Sr. No.	Details	Confirmation (Tick \checkmark any one)
1	Firm's details as per "Annexure -2"	YES / NO
2	"Annexure -3"	YES / NO
3	Delivery Schedule as per "Annexure- 4"	YES / NO
4	Past experience details as per "Annexure-7"	YES / NO
5	PDPU technical specification duly signed and with seal of firm.	YES / NO
6	Undertaking-"Annexure-5"	YES / NO
7	Technical & Commercial Deviation- "Annexure-6"	YES / NO
8	Experience Certificate-"Annexure-7"	YES / NO
9	Conformation of Tender Condition-"Annexure-8"	YES / NO

ANNEXURE - 2
DETAILS OF THE FIRM

Tenderer shall provide all the details in this form and shall be placed as a Second Page of the bid:

Supplier Name				
Within Gujarat / Outside Gujarat				
Pvt. Firm / Public Ltd. / State Govt. Undertaking / Central Govt. undertaking		(Indicate the relevant status)		
GST No. and GST Date				
CST No. and CST Date				
Financial Turnover for Past 3 Years (Rupees in Lakhs)		1 st Year	2 nd Year	3 rd Year
Custom No. and Date (If applicable)				
Address of	Registered Office	Factory / Works	Authorized Representative	
Contact Person Name				
Designation				
Address				
City & Pin code				
State				
Country				
Phone Nos.(Off.)				
Phone Nos.(Res.)				
Fax Nos.				
STD Code.				
Mobile No.				
Web site address				
Email-id				
Specimen signature				

Signature of the Tenderer

ANNEXURE-3

Tenderer shall fill up following details and shall be **Third Page** of the Technical Bid

1	PRICES: [FIRM ONLY] (Please Specify YES / NO.)	
2	GST[IN PERCENTAGE] (Please Specify INCUSIVE / EXCLUSIVE / EXEMPTED) Please quote your GST Registration No. & Date.	_____ %
3	PENALTY TERMS AGREED : (Please Specify YES / NO.)	
4	PERFORMANCE GUARANTEE TO COVER EXECUTION PERIOD (SECURITY) TERMS : AGREED: (Cl.no.8) (Please Specify YES / NO.)	
5	PERFORMANCE GUARNTTEE TO COVER WARRANTY PERIOD TERMS AGREED: (Wherever applicable):(Please Specify YES / NO.)	
6	VALIDITY OF THE OFFER AGREED: (Please Specify YES / NO.)	
7	PAYMENT TERMS AGREED: (Please Specify YES / NO.)	
8	ITEMS OFFERED :(Yes/No)	

Signature of the Tenderer

ANNEXURE - 4

Details of the Items and Qty. offered as a Fourth Page of Offer

Sr. No.	Details of the Items / Equipment Offered	Quantity Offered	Status: Supplier/ Manufacturer

Signature of the Tenderer

ANNEXURE - 5

**(UNDERTAKING IN REGARD TO STOP DEAL / BLACK LIST THEREOF)
and should be placed as a Fifth Page of Offer**

Sub: Undertaking in regard to Stop Deal / Black List Thereof

Ref: Tender No. PDPU / _____

All bidders will have to furnish the following undertaking duly filled in, signed and stamped for each quoted item of the tender along with the Technical Bid.

I / We _____ Authorized Signatory of M/s
_____ here by certify that M/s _____ is
not stop deal / black listed by PDPU for the tendered item.

**Signature of the Tenderer
Seal of the Firm**

ANNEXURE - 6

TECHNICAL AND COMMERCIAL DEVIATIONS IF ANY TO BE FURNISHED IN THIS ANNEXURE ONLY AND TO BE SUBMITTED WITH TECHNICAL BID

We confirm that the product offered under this tender complies with all the Technical Specifications, except the deviations mentioned above. We also confirm that there are no commercial deviations other than mentioned above

Signature of the Tenderer

ANNEXURE - 7

DETAILS OF THE EXPERIENCE FOR SUPPLY OF SIMILAR TYPE OF ITEMS IN LAST THREE YEARS FROM THE DUE DATE OF TENDER:

Sr. No	ITEMS SUPPLIED TO	ORDER REFERENCE No. & DATE	ITEMS	Qty.	ORDER FULLY EXECUTED. YES/NO	STATUS, IF ORDER UNDER EXECUTION	REMARKS
1)							
2)							
3)							
4)							
5)							

Signature of the Tenderer