

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	11-02-2026 19:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	11-02-2026 19:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Maharashtra
विभाग का नाम/Department Name	Rural Development And Panchayat Raj Department Maharashtra
संगठन का नाम/Organisation Name	N/a
कार्यालय का नाम/Office Name	Zilla Parishad Thane
कुल मात्रा/Total Quantity	137
वस्तु श्रेणी /Item Category	Solar Power Plant (Roof Top) for ONGRID System, Single Phase (Q3)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	180 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)

बिड विवरण/Bid Details	
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / <b>Minimum number of bids required to disable automatic bid extension</b>	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>	1
विगत प्रदर्शन / <b>Past Performance</b>	80 %
बिड से रिवर्स नीलामी सक्रिय किया/ <b>Bid to RA enabled</b>	No
बिड का प्रकार/ <b>Type of Bid</b>	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/ <b>Primary product category</b>	Solar Power Plant (Roof Top) for ONGRID System, Single Phase
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / <b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/ <b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Payment Timelines</b>	Payments shall be made to the Seller within <b>15</b> days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
<b>मूल्यांकन पद्धति/Evaluation Method</b>	Total value wise evaluation
<b>मध्यस्थता खंड/Arbitration Clause</b>	No
<b>सुलह खंड/Mediation Clause</b>	No

#### ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	500000

#### ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No
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(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई

केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**लाभार्थी /Beneficiary :**

Chief Account And Finance Officer Zilla Parishad Thane  
Zilla Parishad Thane, Rural Development and Panchayat Raj Department Maharashtra, N/A,  
(Chief Accounts And Finance Officer Zilla Parishad Thane)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

**एमएसई खरीद वरीयता/MSE Purchase Preference**

एमएसई खरीद वरीयता/MSE Purchase Preference	No
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**एमआईआई खरीद वरीयता/MII Purchase Preference**

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

**एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :**

Additional Specification - [1769516745.xlsx](#)

**Solar Power Plant (Roof Top) For ONGRID System, Single Phase ( 114 pieces )**

**तकनीकी विशिष्टियाँ /Technical Specifications**

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
GENERIC	<b>A Grid Tied Photo Voltaic (SPV) power plant consists of</b>	SPV array, Module Mounting Structure, Power Conditioning Unit (PCU) consisting of Maximum Power Point Tracker (MPPT), Inverter, and Controls and Protections, interconnect cables and switches
	<b>PV Array Mounting</b>	Mounted on a suitable structure
	<b>Grid tied SPV system is</b>	Without battery and designed with necessary features to supplement the grid power during day time.
	<b>Installation and testing for complete system</b>	Yes including Civil Work, Designing, Fabrication, Cabling Work with suitable Bolts, Nuts, Clamps, Connectors and testing etc.,
INVERTER	<b>Rated out put power of inverter (Kw)</b>	1, 1.5, 2, 3, 4, 5, 6, 8
	<b>Switching device</b>	IGBT, MOSFET
	<b>No. of Phase (in Nos.)</b>	1
	<b>Inverter output wave form</b>	Pure sine wave
	<b>No.of MPPT per inverter (in Nos.)</b>	1, 2, 4
	<b>No. of string at input side of inverter ( input port +ve and -ve) ( hint: 1 sets contains 1 +ve and 1 -ve port)</b>	1 set, 2 set, 3 set, 4 set
	<b>Maximum power point tracker</b>	Integrated in the PCU/inverter to maximize energy drawn from the array
	<b>Operating Voltage Range of Inverter</b>	50 V to 500 V, 80 to 500 V, 100 V to 500 V, 160 V to 850 V, 200 V to 800 V, 200 V to 1000 V, 90 V to 520 V
	<b>Over load support at Input side, DC</b>	15% of Maximum Input Voltage
	<b>Maximum input current for each MPPT (in A)</b>	11, 18, 22, 28.5
	<b>Service condition</b>	Indoor, Outdoor
	<b>Ingress protection rating of inverter</b>	IP 65 (for outdoor use), IP 23 (for indoor use), IP 20 (for indoor use)
	<b>Cooling medium for inverter</b>	Nature air cooled, Constant speed Fan Cooled, Intelligent fan cooling
	<b>Manual switch for disconnecting DC supply</b>	Yes, No
<b>Inverter mounting type</b>	Wall Mounted, Floor Mounted	
INVERTER OUT PUT	<b>Maximum current for single phase inverter (in A)</b>	5.2, 8.1, 10.5, 15.7, 21, 25
	<b>Output voltage (in V)</b>	240 V

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Invert auto trip at output side</b>	Lower : at 160 V, Higher : at 285 V with adjustable
	<b>Overall Efficiency (in %)</b>	>90, >93, >96, >98
PROTECTION FOR INVERTER	<b>Overlod protection</b>	110% for 1 Minute,, 125% for 30 sec.,, 150% for 5 sec.
	<b>Over temperature protection</b>	Yes at 65 Deg. C Cooling Fan will auto switch ON, Yes at 65 Deg. C shutdown
	<b>Surge protection</b>	Metal Oxide Varistor (MOV)
	<b>Insulation Resistance Monitoring</b>	Yes, No
	<b>Grid Monitoring protection</b>	Yes, No
	<b>Power factor at rated output power</b>	0.8, 0.9
	<b>Inverter body material</b>	Aluminium Casting, M.S. Plate
SERVICE CONDITION	<b>Operating temperature</b>	-25 to +60 deg. C, -20 to +50 deg. C
DISPLAY FEATURES ON INVERTER	<b>Type of display</b>	LCD, LED
	<b>Display parameters</b>	DC Voltage, DC Current, AC Voltage, AC Current, Output frequency, Power Factor
	<b>Generating power Data storage facility</b>	Yes for 2 Years from the date of commissioning
	<b>Interface facility for transmitting the generating power data for cloud storage</b>	Inbuilt Wifi Enabled, With Wifi Dongle, With GPRS Dongle without SIM card, With RS485
	<b>Net meter</b>	Approved by Government of India/State Government authority concerned for connecting to Grid
Add on items - DC DISTRIBUTION BOARD	<b>DC Distribution panel to receive the DC output from the array field</b>	Yes with surge arrestors
	<b>Ingress protection (Enclosure protection) of DC Distribution Box</b>	IP65
	<b>Material of bus bar and size</b>	Copper, size as per inverter rating
	<b>Circuit Breaker for input side (DC side) for each inverter</b>	MCB 10 A, MCB 15 A
Add on items - CABLE FOR INPUT	<b>ISI Marked Connecting cables according to Inverter rating for each system</b>	PV Module to Inverter DC
	<b>Electric Cable for Input</b>	1C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	<b>Cable Length for PV Module to Inverter, DC (in m)</b>	5, 10, 15, 20, 25

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Add on items - AC DISTRIBUTION BOARD	<b>AC Distribution Panel Board (DPB) for controlling the AC power from PCU/inverter</b>	1 Phase 230 Volt +/- 10%, 50 HZ +/-3%
	<b>Panel construction</b>	Metal clad, totally enclosed, floor mounted, air insulated, cubical type with change over switch
	<b>Ingress protection (Enclosure protection) of AC Distribution Box</b>	IP54 for Indoor, IP65 for outdoor
	<b>All switches and the circuit breakers, connectors should conform to</b>	IS:60947 part I, II and III
	<b>Panels designed for minimum expected ambient temperature</b>	45 deg. C
	<b>Circuit Breaker for output side (AC side) for each inverter</b>	MCB 10 A, MCB 16 A, MCB 20 A, MCB 25 A, MCB 32 A, MCB 40 A, MCB 63 A, MCB 100 A
Add on items - CABLE FOR OUTPUT	<b>ISI Marked Connecting cables according to Inverter rating for each system.</b>	From Inverter to Net Meter, From Inverter to Net Meter and to mains at LT Bus bar while in grid tied mode
	<b>Conformity of the specification for cable</b>	2C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest), 2C x 10 Sq. mm, Copper Cable (as per IS:694:2010 latest), 2C x 16 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	<b>Cable length for output side (from inverter to Net Meter for each system ) (in m )</b>	5, 10, 15, 20, 25, 30, 35, 40
Other Add on Items	<b>Cabling work at input side for each system</b>	With PVC Conduit pipe with necessary clamps and screws
	<b>Cabling work at Output side for each system</b>	With Cable Tray with fitment accessories
	<b>Danger boards and signages</b>	1 No., 2 No., 3 No.
ARRAY STRUCTURE	<b>Material of mounting structure</b>	Structural Steel, Grade: E300 (as per IS:2062:2011 latest), Structural Steel, Grade: E350 (as per IS:2062:2011 latest), Structural Steel, Grade: E410 (as per IS:2062:2011 latest)
JUNCTION BOX	<b>Material of Junction Box</b>	GRP( Glass reinforced plastic), FRP (Fibre reinforced plastics), Powder Coated Aluminium, cast aluminium alloy
WIND LOAD	<b>The Mounting structure shall be so designed to withstand the speed for the wind zone of the location where a PV system is proposed to be installed</b>	Yes

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Compliance to wind velocity test for the Mounting structure of PV System</b>	as per IS 875:1987 part 3 latest
	<b>Regional wind withstand capacity which the Mounting structure of PV system support is suitable to withstand (in Km/Hour)</b>	180
WARRANTY & GUARANTEE	<b>Minimum guarantee for maintaing of out put peak watt capacity</b>	> / = 90% at the end of 10 years and >/= 80% at the end of 25 years

**Additional Specification Parameters - Solar Power Plant (Roof Top) For ONGRID System, Single Phase ( 114 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
AS per specification parameter mentioned aside 1	Survey, design, fabrication, supply, installation, testing and commissioning with five years comprehensive maintenace contract (CMC) of a ground/roof-top grid connected solar projects with GI mounting structure and inter connecting wires/cables for min 3 KWp capacity Solar Power Project with Net-metering and RMS system Solar Power Conditioning
AS per specification parameter mentioned aside 2	Unit (PCU) with 1 phase/3 phase Inverter as per requirement with min 3 KVA capacity with min 5 years on site performance warranty, PCU/Inveter shall be tested from MNRE approved test centres and shall comply with applicable IEC/equivalent BIS standards for efficiency measurement and environmental tests.
AS per specification parameter mentioned aside 3	Mono-Crystalline PV Modules shall qualify latest edition of IEC PV module qualification test or equivalent BIS standards (IEC 61215/ IS 14286 or equivalent national/International standards) Module efficiency should be min 19% and fill factor shall be more than 75% Solar crystalline modules name plate shall conform to 15 14286/JEC 61215 along with minimum
AS per specification parameter mentioned aside 4	300 Wp and above wattage Cost inclusive of Solar PV modules with PCU inverters, RMS, balance of systems including cables. Switches/Circuit Breakers Connectors Junction Boxes, mounting structure, Earthing, Lightning arrester, cost of meters including net meter, local connectivity cost cost of civil works, foundations etc and its installation, commissioning,
AS per specification parameter mentioned aside 5	300 Wp and above wattage Cost inclusive of Solar PV modules with PCU inverters, RMS, balance of systems including cables. Switches/Circuit Breakers Connectors Junction Boxes, mounting structure, Earthing, Lightning arrester, cost of meters including net meter, local connectivity cost cost of civil works, foundations etc and its installation, commissioning,

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Balasaheb Kashinath Rakshe	400601,Zilla Parishad Thane , Station Road , Near Old Prabhat Cinema , Thane West	114	45

### Solar Power Plant (Roof Top) For ONGRID System, Single Phase ( 8 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
GENERIC	<b>A Grid Tied Photo Voltaic (SPV) power plant consists of</b>	SPV array, Module Mounting Structure, Power Conditioning Unit (PCU) consisting of Maximum Power Point Tracker (MPPT), Inverter, and Controls and Protections, interconnect cables and switches
	<b>PV Array Mounting</b>	Mounted on a suitable structure
	<b>Grid tied SPV system is</b>	Without battery and designed with necessary features to supplement the grid power during day time.
	<b>Installation and testing for complete system</b>	Yes including Civil Work, Designing, Fabrication, Cabling Work with suitable Bolts, Nuts, Clamps, Connectors and testing etc.,
INVERTER	<b>Rated out put power of inverter (Kw)</b>	1, 1.5, 2, 3, 4, 5, 6, 8
	<b>Switching device</b>	IGBT, MOSFET
	<b>No. of Phase (in Nos.)</b>	1
	<b>Inverter output wave form</b>	Pure sine wave
	<b>No.of MPPT per inverter (in Nos.)</b>	1, 2, 4
	<b>No. of string at input side of inverter ( input port +ve and -ve) ( hint: 1 sets contains 1 +ve and 1 -ve port)</b>	1 set, 2 set, 3 set, 4 set
	<b>Maximum power point tracker</b>	Integrated in the PCU/inverter to maximize energy drawn from the array
	<b>Operating Voltage Range of Inverter</b>	50 V to 500 V, 80 to 500 V, 100 V to 500 V, 160 V to 850 V, 200 V to 800 V, 200 V to 1000 V, 90 V to 520 V
	<b>Over load support at Input side, DC</b>	15% of Maximum Input Voltage
	<b>Maximum input current for each MPPT (in A)</b>	11, 18, 22, 28.5
	<b>Service condition</b>	Indoor, Outdoor

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Ingress protection rating of inverter</b>	IP 65 (for outdoor use), IP 23 (for indoor use), IP 20 (for indoor use)
	<b>Cooling medium for inverter</b>	Nature air cooled, Constant speed Fan Cooled, Intelligent fan cooling
	<b>Manual switch for disconnecting DC supply</b>	Yes, No
	<b>Inverter mounting type</b>	Wall Mounted, Floor Mounted
INVERTER OUT PUT	<b>Maximum current for single phase inverter (in A)</b>	5.2, 8.1, 10.5, 15.7, 21, 25
	<b>Output voltage (in V)</b>	240 V
	<b>Invert auto trip at output side</b>	Lower : at 160 V, Higher : at 285 V with adjustable
	<b>Overall Efficiency (in %)</b>	>90, >93, >96, >98
PROTECTION FOR INVERTER	<b>Overload protection</b>	110% for 1 Minute,, 125% for 30 sec.,, 150% for 5 sec.
	<b>Over temperature protection</b>	Yes at 65 Deg. C Cooling Fan will auto switch ON, Yes at 65 Deg. C shutdown
	<b>Surge protection</b>	Metal Oxide Varistor (MOV)
	<b>Insulation Resistance Monitoring</b>	Yes, No
	<b>Grid Monitoring protection</b>	Yes, No
	<b>Power factor at rated output power</b>	0.8, 0.9
	<b>Inverter body material</b>	Aluminium Casting, M.S. Plate
SERVICE CONDITION	<b>Operating temperature</b>	-25 to +60 deg. C, -20 to +50 deg. C
DISPLAY FEATURES ON INVERTER	<b>Type of display</b>	LCD, LED
	<b>Display parameters</b>	DC Voltage, DC Current, AC Voltage, AC Current, Output frequency, Power Factor
	<b>Generating power Data storage facility</b>	Yes for 2 Years from the date of commissioning
	<b>Interface facility for transmitting the generating power data for cloud storage</b>	Inbuilt Wifi Enabled, With Wifi Dongle, With GPRS Dongle without SIM card, With RS485
	<b>Net meter</b>	Approved by Government of India/State Government authority concerned for connecting to Grid
Add on items - DC DISTRIBUTION BOARD	<b>DC Distribution panel to receive the DC output from the array field</b>	Yes with surge arrestors
	<b>Ingress protection (Enclosure protection) of DC Distribution Box</b>	IP65

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Material of bus bar and size</b>	Copper, size as per inverter rating
	<b>Circuit Breaker for input side (DC side) for each inverter</b>	MCB 10 A, MCB 15 A
Add on items - CABLE FOR INPUT	<b>ISI Marked Connecting cables according to Inverter rating for each system</b>	PV Module to Inverter DC
	<b>Electric Cable for Input</b>	1C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	<b>Cable Length for PV Module to Inverter, DC (in m)</b>	5, 10, 15, 20, 25
Add on items - AC DISTRIBUTION BOARD	<b>AC Distribution Panel Board (DPB) for controlling the AC power from PCU/inverter</b>	1 Phase 230 Volt +/- 10%, 50 HZ +/-3%
	<b>Panel construction</b>	Metal clad, totally enclosed, floor mounted, air insulated, cubical type with change over switch
	<b>Ingress protection (Enclosure protection) of AC Distribution Box</b>	IP54 for Indoor, IP65 for outdoor
	<b>All switches and the circuit breakers, connectors should conform to</b>	IS:60947 part I, II and III
	<b>Panels designed for minimum expected ambient temperature</b>	45 deg. C
	<b>Circuit Breaker for output side (AC side) for each inverter</b>	MCB 10 A, MCB 16 A, MCB 20 A, MCB 25 A, MCB 32 A, MCB 40 A, MCB 63 A, MCB 100 A
Add on items - CABLE FOR OUTPUT	<b>ISI Marked Connecting cables according to Inverter rating for each system.</b>	From Inverter to Net Meter, From Inverter to Net Meter and to mains at LT Bus bar while in grid tied mode
	<b>Conformity of the specification for cable</b>	2C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest), 2C x 10 Sq. mm, Copper Cable (as per IS:694:2010 latest), 2C x 16 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	<b>Cable length for output side (from inverter to Net Meter for each system ) (in m )</b>	5, 10, 15, 20, 25, 30, 35, 40
Other Add on Items	<b>Cabling work at input side for each system</b>	With PVC Conduit pipe with necessary clamps and screws
	<b>Cabling work at Output side for each system</b>	With Cable Tray with fitment accessories
	<b>Danger boards and signages</b>	1 No., 2 No., 3 No.

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
ARRAY STRUCTURE	<b>Material of mounting structure</b>	Structural Steel, Grade: E300 (as per IS:2062:2011 latest), Structural Steel, Grade: E350 (as per IS:2062:2011 latest), Structural Steel, Grade: E410 (as per IS:2062:2011 latest)
JUNCTION BOX	<b>Material of Junction Box</b>	GRP( Glass reinforced plastic), FRP (Fibre reinforced plastics), Powder Coated Aluminium, cast aluminium alloy
WIND LOAD	<b>The Mounting structure shall be so designed to withstand the speed for the wind zone of the location where a PV system is proposed to be installed</b>	Yes
	<b>Compliance to wind velocity test for the Mounting structure of PV System</b>	as per IS 875:1987 part 3 latest
	<b>Regional wind withstand capacity which the Mounting structure of PV system support is suitable to withstand (in Km/Hour)</b>	180
WARRANTY & GUARANTEE	<b>Minimum guarantee for maintaing of out put peak watt capacity</b>	> / = 90% at the end of 10 years and >/= 80% at the end of 25 years

**Additional Specification Parameters - Solar Power Plant (Roof Top) For ONGRID System, Single Phase ( 8 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
As per specification parameter mentioned aside 1	Survey, design, fabrication, supply, installation, testing and commissioning with five years comprehensive maintenance contract (CMC) of a ground/roof-top grid connected solar projects with GI mounting structure and inter connecting wires/cables for min 5 KWp capacity Solar Power Project with Net-metering and RMS system Solar Power Conditioning
As per specification parameter mentioned aside 2	Unit (PCU) with 1 phase/3 phase Inverter as per requirement with min 5 KVA capacity with min 5 years on site performance warranty, PCU/Inveter shall be tested from MNRE approved test centres and shall comply with applicable IEC/equivalent BIS standards for efficiency measurement and environmental tests.
As per specification parameter mentioned aside 3	Mono-Crystalline PV Modules shall qualify latest edition of IEC PV module qualification test or equivalent BIS standards (IEC 61215/ IS 14286 or equivalent national/International standards) Module efficiency should be min 19% and fill factor shall be more than 75% Solar crystalline modules name plate shall conform to 15 14286/JEC 61215 along with minimum

Specification Parameter Name	Bid Requirement (Allowed Values)
As per specification parameter mentioned aside 4	300 Wp and above wattage Cost inclusive of Solar PV modules with PCU inverters, RMS, balance of systems including cables. Switches/Circuit Breakers Connectors Junction Boxes, mounting structure, Earthing, Lightening arrester, cost of meters including net meter, local connectivity cost cost of civil works, foundations etc and its installation, commissioning
As per specification parameter mentioned aside 5	transportation, five years insurance, CMC charges for five years, applicable fees and taxes etc) (cost including 89% GST) Data pack charges for RMS/Imemet router during CMC period (5 years) Load Enhancemem (if required).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Balasaheb Kashinath Rakshe	400601,Zilla Parishad Thane , Station Road , Near Old Prabhat Cinema , Thane West	8	45

**Solar Power Plant (Roof Top) For ONGRID System, Single Phase ( 15 pieces )**

**तकनीकी विशिष्टियाँ /Technical Specifications**

\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
GENERIC	<b>A Grid Tied Photo Voltaic (SPV) power plant consists of</b>	SPV array, Module Mounting Structure, Power Conditioning Unit (PCU) consisting of Maximum Power Point Tracker (MPPT), Inverter, and Controls and Protections, interconnect cables and switches
	<b>PV Array Mounting</b>	Mounted on a suitable structure
	<b>Grid tied SPV system is</b>	Without battery and designed with necessary features to supplement the grid power during day time.
	<b>Installation and testing for complete system</b>	Yes including Civil Work, Designing, Fabrication, Cabling Work with suitable Bolts, Nuts, Clamps, Connectors and testing etc.,
INVERTER	<b>Rated out put power of inverter (Kw)</b>	1, 1.5, 2, 3, 4, 5, 6, 8
	<b>Switching device</b>	IGBT, MOSFET
	<b>No. of Phase (in Nos.)</b>	1
	<b>Inverter output wave form</b>	Pure sine wave
	<b>No.of MPPT per inverter (in Nos.)</b>	1, 2, 4

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>No. of string at input side of inverter ( input port +ve and -ve) ( hint: 1 sets contains 1 +ve and 1 -ve port)</b>	1 set, 2 set, 3 set, 4 set
	<b>Maximum power point tracker</b>	Integrated in the PCU/inverter to maximize energy drawn from the array
	<b>Operating Voltage Range of Inverter</b>	50 V to 500 V, 80 to 500 V, 100 V to 500 V, 160 V to 850 V, 200 V to 800 V, 200 V to 1000 V, 90 V to 520 V
	<b>Over load support at Input side, DC</b>	15% of Maximum Input Voltage
	<b>Maximum input current for each MPPT (in A)</b>	11, 18, 22, 28.5
	<b>Service condition</b>	Indoor, Outdoor
	<b>Ingress protection rating of inverter</b>	IP 65 (for outdoor use), IP 23 (for indoor use), IP 20 (for indoor use)
	<b>Cooling medium for inverter</b>	Nature air cooled, Constant speed Fan Cooled, Intelligent fan cooling
	<b>Manual switch for disconnecting DC supply</b>	Yes, No
	<b>Inverter mounting type</b>	Wall Mounted, Floor Mounted
INVERTER OUT PUT	<b>Maximum current for single phase inverter (in A)</b>	5.2, 8.1, 10.5, 15.7, 21, 25
	<b>Output voltage (in V)</b>	240 V
	<b>Invert auto trip at output side</b>	Lower : at 160 V, Higher : at 285 V with adjustable
	<b>Overall Efficiency (in %)</b>	>90, >93, >96, >98
PROTECTION FOR INVERTER	<b>Overlod protection</b>	110% for 1 Minute,, 125% for 30 sec.,, 150% for 5 sec.
	<b>Over temperature protection</b>	Yes at 65 Deg. C Cooling Fan will auto switch ON, Yes at 65 Deg. C shutdown
	<b>Surge protection</b>	Metal Oxide Varistor (MOV)
	<b>Insulation Resistance Monitoring</b>	Yes, No
	<b>Grid Monitoring protection</b>	Yes, No
	<b>Power factor at rated out put power</b>	0.8, 0.9
	<b>Inverter body material</b>	Aluminium Casting, M.S. Plate
SERVICE CONDITION	<b>Operating temperature</b>	-25 to +60 deg. C, -20 to +50 deg. C
DISPLAY FEATURES ON INVERTER	<b>Type of display</b>	LCD, LED
	<b>Display parameters</b>	DC Voltage, DC Current, AC Voltage, AC Current, Out put frequency, Power Factor

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Generating power Data storage facility</b>	Yes for 2 Years from the date of commissioning
	<b>Interface facility for transmitting the generating power data for cloud storage</b>	Inbuilt Wifi Enabled, With Wifi Dongle, With GPRS Dongle without SIM card, With RS485
	<b>Net meter</b>	Approved by Government of India/State Government authority concerned for connecting to Grid
Add on items - DC DISTRIBUTION BOARD	<b>DC Distribution panel to receive the DC output from the array field</b>	Yes with surge arrestors
	<b>Ingress protection (Enclosure protection) of DC Distribution Box</b>	IP65
	<b>Material of bus bar and size</b>	Copper, size as per inverter rating
	<b>Circuit Breaker for input side (DC side) for each inverter</b>	MCB 10 A, MCB 15 A
Add on items - CABLE FOR INPUT	<b>ISI Marked Connecting cables according to Inverter rating for each system</b>	PV Module to Inverter DC
	<b>Electric Cable for Input</b>	1C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	<b>Cable Length for PV Module to Inverter, DC (in m)</b>	5, 10, 15, 20, 25
Add on items - AC DISTRIBUTION BOARD	<b>AC Distribution Panel Board (DPB) for controlling the AC power from PCU/inverter</b>	1 Phase 230 Volt +/- 10%, 50 HZ +/-3%
	<b>Panel construction</b>	Metal clad, totally enclosed, floor mounted, air insulated, cubical type with change over switch
	<b>Ingress protection (Enclosure protection) of AC Distribution Box</b>	IP54 for Indoor, IP65 for outdoor
	<b>All switches and the circuit breakers, connectors should conform to</b>	IS:60947 part I, II and III
	<b>Panels designed for minimum expected ambient temperature</b>	45 deg. C
	<b>Circuit Breaker for output side (AC side) for each inverter</b>	MCB 10 A, MCB 16 A, MCB 20 A, MCB 25 A, MCB 32 A, MCB 40 A, MCB 63 A, MCB 100 A
Add on items - CABLE FOR OUTPUT	<b>ISI Marked Connecting cables according to Inverter rating for each system.</b>	From Inverter to Net Meter, From Inverter to Net Meter and to mains at LT Bus bar while in grid tied mode

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Conformity of the specification for cable</b>	2C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest), 2C x 10 Sq. mm, Copper Cable (as per IS:694:2010 latest), 2C x 16 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	<b>Cable length for output side (from inverter to Net Meter for each system ) (in m )</b>	5, 10, 15, 20, 25, 30, 35, 40
Other Add on Items	<b>Cabling work at input side for each system</b>	With PVC Conduit pipe with necessary clamps and screws
	<b>Cabling work at Output side for each system</b>	With Cable Tray with fitment accessories
	<b>Danger boards and signages</b>	1 No., 2 No., 3 No.
ARRAY STRUCTURE	<b>Material of mounting structure</b>	Structural Steel, Grade: E300 (as per IS:2062:2011 latest), Structural Steel, Grade: E350 (as per IS:2062:2011 latest), Structural Steel, Grade: E410 (as per IS:2062:2011 latest)
JUNCTION BOX	<b>Material of Junction Box</b>	GRP( Glass reinforced plastic), FRP (Fibre reinforced plastics), Powder Coated Aluminium, cast aluminium alloy
WIND LOAD	<b>The Mounting structure shall be so designed to withstand the speed for the wind zone of the location where a PV system is proposed to be installed</b>	Yes
	<b>Compliance to wind velocity test for the Mounting structure of PV System</b>	as per IS 875:1987 part 3 latest
	<b>Regional wind withstand capacity which the Mounting structure of PV system support is suitable to withstand (in Km/Hour)</b>	180
WARRANTY & GUARANTEE	<b>Minimum guarantee for maintaing of out put peak watt capacity</b>	> / = 90% at the end of 10 years and >/= 80% at the end of 25 years

**Additional Specification Parameters - Solar Power Plant (Roof Top) For ONGRID System, Single Phase ( 15 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
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Specification Parameter Name	Bid Requirement (Allowed Values)
As per specification parameter mentioned aside 1	Survey, design, fabrication, supply, installation, testing and commissioning with five years comprehensive maintenance contract (CMC) of a ground/roof-top grid connected solar projects with GI mounting structure and inter connecting wires/cables for min 2 KWp capacity Solar Power Project with Net-metering and RMS system Solar Power Conditioning
As per specification parameter mentioned aside 2	Survey, design, fabrication, supply, installation, testing and commissioning with five years comprehensive maintenance contract (CMC) of a ground/roof-top grid connected solar projects with GI mounting structure and inter connecting wires/cables for min 2 KWp capacity Solar Power Project with Net-metering and RMS system Solar Power Conditioning
As per specification parameter mentioned aside 3	Mono-Crystalline PV Modules shall qualify latest edition of IEC PV module qualification test or equivalent BIS standards (IEC 61215/ IS 14286 or equivalent national/International standards) Module efficiency should be min 19% and fill factor shall be more than 75% Solar crystalline modules name plate shall conform to 15 14286/JEC 61215 along with minimum
As per specification parameter mentioned aside 4	300 Wp and above wattage Cost inclusive of Solar PV modules with PCU inverters, RMS, balance of systems including cables. Switches/Circuit Breakers Connectors Junction Boxes, mounting structure, Earthing, Lightning arrester, cost of meters including net meter, local connectivity cost cost of civil works, foundations etc and its installation, commissioning,
As per specification parameter mentioned aside 5	300 Wp and above wattage Cost inclusive of Solar PV modules with PCU inverters, RMS, balance of systems including cables. Switches/Circuit Breakers Connectors Junction Boxes, mounting structure, Earthing, Lightning arrester, cost of meters including net meter, local connectivity cost cost of civil works, foundations etc and its installation, commissioning,

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Balasaheb Kashinath Rakshe	400601,Zilla Parishad Thane , Station Road , Near Old Prabhat Cinema , Thane West	15	45

#### क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

##### 1. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1. On Grid Solar System Should be supplied to Zilla Parishad Schools in Thane District as consignee.
2. Buyer can increase or decrease quantity of On Grid Solar System Unit at the time of award of bid
3. Bidder should submit Earnest Money Deposit Rs.5,00,000/- (Rupees Five Lakh Only) in form of Demand Draft in Favor of Chief Account and Finance Officer, Zilla Parishad, Thane. Should Take the Received Copy of the same and upload it In the Following Tender Before the Last Date.
4. Bidder should submit Tender Fees Rs.20,900/- + GST 18%` (Rs.3762) = Rs.24,662/- (Rupees Twen

ty-Four Thousand Six Hundred Sixty-Two Only) in form of Demand Draft/ CHEQUE in Favor of Chief Account and Finance Officer, Zilla Parishad, Thane. Should Take the Received Copy of the same and upload it In the Tender Before the Last Date.

5. Bidder have submitted above two Demand Draft on or before Bid end date and time during office hour. Office Address: - Education Officer (Primary) Zilla Parishad Thane, Wagle Estate, Road No. 22, Thane West - 400604.
6. The tenderer shall be exempted from paying earnest money to the Micro, Small and Medium Enterprises registered as manufacturers under the Micro, Small and Medium Enterprises Development Act -2006 and manufacturers registered with any of the Central Stock Purchase Organizations, Suppliers are exempted from paying tender fee and earnest money fee. It is necessary to attach the necessary documents in this regard.
7. Bidder has to submit one set of solar panel as sample and should upload sample submission letter
8. Lowest bidder has to submit 3% Security Deposit of estimated bid value in the form Demand Draft and it will be returned after completion of Audit.
9. Bidder has to raise query if any within two days after publishment of tender
10. After completion of specified two-day time mentioned in serial No.8 or after final decision if bidder or anyone want to raise complaint against tender procedure, they have to apply writing complaint with Demand Draft of Rs.50,000/- in name of Chief Account and Finance Officer Zilla Parishad Thane. If complainant complaint is fair enough the Demand Draft will return otherwise amount will be forfeited.
11. Scanned copy of Original valid contractor license of Bidder issued by all Zilla Parishad (Electrical Contractor only) and Industries, Energy and Labour Department. (Anudnyapti).
12. Bidder should submit declaration on his letter head on going Solar Work if any (In the proforma with documentary Proof)
13. Bidder should submit Similar Work Experience in Government or semi government organization of Maharashtra state only. The bidder should have satisfactorily completed similar works Solar high mast or Solar Street Light or Solar On-Grid) during the last 3 years ending last day of the month previous to the one in which tenders are invited, meeting the following criteria:-
  - a. Bidder should have one similar completed work costing not less than 80% of the estimated cost of this tender. (With documentary evidence from tender inviting authority or Beneficiary report.)
  - b. Bidder should have two similar completed work costing not less than 50% of the estimated cost of this tender. (With documentary evidence from tender inviting authority or Beneficiary report.)
  - c. Bidder should have three similar completed work costing not less than 40% of the estimated cost of this tender. (With documentary evidence from tender inviting authority or Beneficiary report.)
14. Scanned copy of details of technical personnel on the rolls of the tenderers with documentary proof. (In the proforma)
15. Scanned copy of the List of owned Machinery immediately available with the tenderer for use on this work and list of machinery proposed to be utilized on this work, but not immediately available and the manner in which it is proposed to be procured. (In the proforma.)
16. Scanned copy of partnership deed and Power of Attorney or copy of company registration from the competent authority, in case of a Partnership Firm, tendering for work.
17. Participated bidder have to submit copy of pan card and Adhar Card Copy with Income Tax Return Certificate for financial year 2024-2025 Assessment year 2025-2026
18. Bidder Should Submit GSTR-1/GSTR-3 B/GSTR-4 certificate end of September, 2025
19. If Bidder participating then he Should Submit Chartered Accountant Certificate of average annual turnover of Last Three Financial Year of amounting Rs. 180 (lakhs)
20. Bidder Should submit Profession Tax Clearance certificate till March, 2025

21. Bidder should submit Non-Blacklisted and Suspended Declaration on Rs. 500/- Stamp Paper with Register Notary.
22. Bidder must submit Bid Specific MAF/Authorization for the quoted product.
23. Bidder must submit Declaration of Conflict of Interest in prescribed format on Rs.500 Stamp paper
24. Lowest bidder has to complete work agreement formality on appropriate value of Stamp Papers.
25. Tender can be rejected at any stage by the Authority without giving any reason
  26. All rights are reserved to reject any bid by head of the department; no bidder is allowed to raise any objection against rejection in court.
27. Bidders may please note that GeM is capturing and showing the IP addresses used by the Buyer and the Bidder(s) /Seller(s). The received bids having matching/common IP address with either Bidder(s)/Seller(s) or Buyer, shall be outrightly rejected & shall not be considered for further evaluation.
28. Qualified Bidder has to submit after supply Installation Testing report from Maharashtra Energy Development Agency (MEDA)
  29. The establishment of the transmission-linked solar power project of the above-mentioned capacity should be done in an excellent manner and in accordance with the technical norms of Ministry of New and Renewable Energy, Government of India (MNRE) / Bureau of Indian Standards (B.I.S.) as well as IEC - Tier-1.
  30. The maintenance and repair guarantee period of the said transmission-connected solar power project should be 5 years and the warranty of the solar modules should be 25 years. The supplier will be responsible for the maintenance, repair and comprehensive insurance policy for the project for 5 years. After the end of the management period, the beneficiary organization will be responsible for successfully operating all the said plants/projects.
  31. As per the technical specifications of Ministry of New and Renewable Energy, Government of India, solar modules shall be as per IEC specifications, (MNRE, ALMM) list and shall be RFID tagged.
  32. It will be necessary to mention the name of the company through which the supply/installation will be done and the date of installation etc. on the Mono-Crystalline Solar Modules.
  33. It is mandatory to conduct a technical inspection of the solar plant installed by the supplier appointed by the beneficiary department along with a representative of the beneficiary department and a representative of Maharaj Divisional Office, Mumbai and the beneficiary organization should keep the report regarding daily maintenance updated. Also, Maharaj will not be responsible if the solar power plant installed by the supplier appointed by the beneficiary organization is not installed as per the approved standard.
  34. If the said plants do not function properly, it is mandatory for the supplier to compensate the concerned beneficiary department for the loss incurred. Also, the concerned supplier has to carry out comprehensive maintenance and repair of the equipment during the warranty period. If not, the concerned beneficiary organization will have the right to repair the equipment, the cost for which will be recovered from the security deposit / payment amount. After the warranty period, the maintenance and repair of the equipment will be the responsibility of the concerned beneficiary department.
  35. It is mandatory to take out a comprehensive insurance policy for the said plant for a period of 5 years (if there is 1 year insurance, then the insurance should be renewed every year for the next 5 years). Apart from the other terms of the insurance, in case of theft, deliberate vandalism and natural calamity, the contractor is required to take out a new insurance policy. Also, the responsibility of renewing the insurance every year for 5 years will remain with the concerned supplier.
  36. A safe and shadow-free site is required for setting up a transmission-connected solar project and its layout should be in a north-south direction.
  37. It will be mandatory for the beneficiary organization to take action as per the prevailing regulations of the Maharashtra State Electricity Regulatory Commission for the net metering system required for the transmission-connected solar power plant and as per the amendments made thereto from time to time. Also, in this regard, definitions such as eligible customer, net metering system, interconnection point and other matters will remain as mentioned in the regulations.
  38. The supplier shall be solely responsible for taking necessary actions as per the orders of Mahavitaran / Mahaparaeshan / Maharashtra State Electricity Regulatory Commission and obtaining necessary permissions for the additional metering system required for the transmission-connected solar power system, including special energy meters, Automatic Meter Reading (AMR) meters. The beneficiary organization shall bear the additional costs and cooperation required for this purpose.

39. The responsibility of constructing the necessary drainage system to conduct the electricity generated from the said solar power project lies with the concerned supplier,
40. As per the regulations of Maharashtra Electricity Regulatory Commission, the supplier will be solely responsible for achieving the minimum annual CUF from the above solar power project.
41. In the "Net Meter" system, the electricity generated by the project, if not used for the project, is given to the Mahavitaran grid (Export) and when electricity is taken from the Mahavitaran grid (Import), then the bill is charged after deducting the excess electricity. In the "Back Meter Connection" type, the excess electricity is not given to the Mahavitaran grid (Export) hence such excess electricity is not deducted and charged. Net metering/Net Payments-Energy accounts and settlement will be done as per the prevailing regulations of the Maharashtra Electricity Regulatory Commission.
42. It should be clearly stated in the e-tender that the supplier will be responsible for appointing engineers and technicians for comprehensive maintenance and repair of the equipment during the warranty period at the location where the transmission-connected solar power system is installed.
43. In the above project, it is mandatory for the supplier to install an RMS system with a 5-year internet connection and the supplier will be responsible for its maintenance and repair.
44. For the said project, all the terms and conditions contained in Government Decision No. Amrit-2017/Pr.No.289/Navi-33, dated 17-12-2018, Government Decision No. Apau-2020/Pr.No.137/Urja-7, dated 31 December, 2020 and Government Decision No. Sankirna 2025/Pr. No.19/Navi - 16 (E-931964) dated 29.04.2025 shall remain applicable.
45. For the work of setting up the said solar power project, Government Decision No. APAU-2020/PR.No. 137/Energy-7, dated 31st December, 2020, Government Procedure No. APAU-2020/PR.No. 137 (A)/Energy-7 dated 11th May, 2022 and the amendments made by the Government in this regard from time to time and all the terms and conditions in the Government Decision and the Maharashtra Electricity Regulatory Commission
46. It will be mandatory for the producer to submit a quarterly/annual performance-based report along with a photograph along with latitude/longitude and date.
47. After awarding bid lowest bidder should establish solar plant of which manufacturing date should not be more than 12 months.
48. After awarding bid lowest bidder has to supply and install solar plant to 137 zilla Parishad school then 75% of work order payment will be released. Balance 25% payment will release after inspection report from MEDA in which they certify that all solar project is installed as per tender terms and conditions and in working conditions.

## अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for

[attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)

9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---