

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	06-12-2025 19:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	06-12-2025 19:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	15 (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	Msh271 Bhandara Tumsar Road Tumsar Tumsar
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	Solar Power Plant (Roof Top) for ONGRID System, Single Phase (Q3)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Exemption for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Experience Criteria *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?	No
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3

बिड विवरण/Bid Details	
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No
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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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Solar Power Plant (Roof Top) For ONGRID System, Single Phase (1 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	A Grid Tied Photo Voltaic (SPV) power plant consists of	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
	PV Array Mounting	Mounted on a suitable structure
	Grid tied SPV system is	Without battery and designed with necessary features to supplement the grid power during day time.
	Installation and testing for complete system	Yes including Civil Work, Designing, Fabrication, Cabling Work with suitable Bolts, Nuts, Clamps, Connectors and testing etc.,
INVERTER	Rated out put power of inverter (Kw)	3
	Switching device	IGBT
	No. of Phase (in Nos.)	1
	Inverter output wave form	Pure sine wave
	No.of MPPT per inverter (in Nos.)	1
	No. of string at input side of inverter (input port +ve and -ve) (hint: 1 sets contains 1 +ve and 1 -ve port)	1 set
	Maximum power point tracker	Integrated in the PCU/inverter to maximize energy drawn from the array
	Operating Voltage Range of Inverter	80 to 500 V
	Over load support at Input side, DC	15% of Maximum Input Voltage
	Maximum input current for each MPPT (in A)	18
	Service condition	Outdoor
	Ingress protection rating of inverter	IP 65 (for outdoor use)
	Cooling medium for inverter	Nature air cooled
	Manual switch for disconnecting DC supply	No
	Inverter mounting type	Wall Mounted
INVERTER OUT PUT	Maximum current for single phase inverter (in A)	21
	Output voltage (in V)	240 V
	Invert auto trip at output side	Lower : at 160 V, Higher : at 285 V with adjustable

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Overall Efficiency (in %)	>98
PROTECTION FOR INVERTER	Overlod protection	110% for 1 Minute,, 125% for 30 sec.,, 150% for 5 sec.
	Over temperature protection	Yes at 65 Deg. C shutdown
	Surge protection	Metal Oxide Varistor (MOV)
	Insulation Resistance Monitoring	No
	Grid Monitoring protection	Yes
	Power factor at rated output power	0.9
	Inverter body material	Aluminium Casting
SERVICE CONDITION	Operating temperature	-25 to +60 deg. C
DISPLAY FEATURES ON INVERTER	Type of display	LCD
	Display parameters	DC Voltage, DC Current, AC Voltage, AC Current, Output frequency, Power Factor
	Generating power Data storage facility	Yes for 2 Years from the date of commissioning
	Interface facility for transmitting the generating power data for cloud storage	Inbuilt Wifi Enabled
	Net meter	Approved by Government of India/State Government authority concerned for connecting to Grid
Add on items - DC DISTRIBUTION BOARD	DC Distribution panel to receive the DC output from the array field	Yes with surge arrestors
	Ingress protection (Enclosure protection) of DC Distribution Box	IP65
	Material of bus bar and size	Copper, size as per inverter rating
	Circuit Breaker for input side (DC side) for each inverter	MCB 15 A
Add on items - CABLE FOR INPUT	ISI Marked Connecting cables according to Inverter rating for each system	PV Module to Inverter DC
	Electric Cable for Input	1C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	Cable Length for PV Module to Inverter, DC (in m)	10
Add on items - AC DISTRIBUTION BOARD	AC Distribution Panel Board (DPB) for controlling the AC power from PCU/inverter	1 Phase 230 Volt +/- 10%, 50 HZ +/-3%

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Panel construction	Metal clad, totally enclosed, floor mounted, air insulated, cubical type with change over switch
	Ingress protection (Enclosure protection) of AC Distribution Box	IP65 for outdoor
	All switches and the circuit breakers, connectors should conform to	IS:60947 part I, II and III
	Panels designed for minimum expected ambient temperature	45 deg. C
	Circuit Breaker for output side (AC side) for each inverter	MCB 20 A
Add on items - CABLE FOR OUTPUT	ISI Marked Connecting cables according to Inverter rating for each system.	From Inverter to Net Meter
	Conformity of the specification for cable	2C x 6 Sq. mm, Copper Cable (as per IS:694:2010 latest)
	Cable length for output side (from inverter to Net Meter for each system) (in m)	10
Other Add on Items	Cabling work at input side for each system	With PVC Conduit pipe with necessary clamps and screws
	Cabling work at Output side for each system	With Cable Tray with fitment accessories
	Danger boards and signages	2 No.
ARRAY STRUCTURE	Material of mounting structure	Structural Steel, Grade: E350 (as per IS:2062:2011 latest)
JUNCTION BOX	Material of Junction Box	FRP (Fibre reinforced plastics)
WIND LOAD	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	Yes
	Compliance to wind velocity test for the Mounting structure of PV System	as per IS 875:1987 part 3 latest
	Regional wind withstand capacity which the Mounting structure of PV system support is suitable to withstand (in Km/Hour)	180

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
WARRANTY & GUARANTEE	Minimum guarantee for maintaing of out put peak watt capacity	> / = 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 (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
6 KV on Grid Solar System 6000 Watt UTL Solar Pannel 6 KW Solar UTL Invertor 300 Ampiar Battery Solar Inverter GI Strechure Fiting and Installation	6 KV on Grid Solar System 6000 Watt UTL Solar Pannel 6 KW Solar UTL Invertor 300 Ampiar Battery Solar Inverter GI Strechure Fiting and Installation

* 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	Kirti Rajendra Pikalmunde	441912,MSH-271, Bhandara Tumsar Road, Tumsar, Tumsar, Maharashtra 441912	1	90

Buyer added Bid Specific Additional Scope of Work

क्र.सं./S.N o.	Document Title	Description	रिवर्स प्रभार के अनुसार जीएसटी/Applicable i.r.o. Items
1	6 KV on Grid Solar System 6000 Watt UTL Solar Pannel 6 KW Solar UTL Invertor 300 Ampiar Battery Solar Inverter GI Strechure Fiting and Installation View	6 KV on Grid Solar System 6000 Watt UTL Solar Pannel 6 KW Solar UTL Invertor 300 Ampiar Battery Solar Inverter GI Strechure Fiting and Installation	Solar Power Plant (Roof Top) For ONGRID System, Single Phase(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

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

1. **Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

3. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

4. **Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

5. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

Right of acceptance and Rejection of Bidding/Tenders:

1. Buyer reserves the right to accept at their sole and unfettered discretion any tender/bid for whole or part quantities or reject any or all tenders/bidders without assigning any reason thereof. No claims for compensation or otherwise whatsoever will be considered by buyer from the Bidder/tenderers.

2. If a Bidder/tenderer resorts to any frivolous, malicious or baseless complaints/ allegations with an intent to hamper or delay the tendering/bidding process or resorts to canvassing / rigging/ influencing the tendering process, buyer reserves the right to debar such tenderer/bidder from participation in the present/ future tenders/bidding up to a period of 2 years.

3. Compensation for submission of Tenders: The Bidder/tenderers shall not be entitled to claim any cost, charges or incidents for or in connection with the preparation and submission

on of the tender/bidding.

4.Past Performance of the Bidder/Tenderer: buyer reserves the right to reject the tender on receipt and/or on evaluation, if the past performance of the Bidder/tenderer has not been found satisfactory.

5.Discount: If any, to be indicated in the price format only

6.Certificate from the supplier that the material supplied under the contract should be provided then payment is due in accordance with the terms of contract at the time of presentation.

7.Buyer shall not be bound to accept the lowest bid/tender and reserves right to accept any or more bid/tenders in part. Decision of buyer in this connection shall be final.

8.THE BIDDER/TENDERER IS EXPECTED TO EXAMINE ALL INSTRUCTIONS, forms, terms, and specifications in the bidding documents. Failure to furnish all information required in the bidding documents or submitting a Bid not substantially responsive to the bidding documents in any respect may result in the rejection of the Bid.

9.PROFESSIONAL EXCELLENCE AND ETHICS. Bidding/Tendering Authority requires that all bidder/Tenderers participating in this Bid adhere to the highest ethical standards, both during the selection process and throughout the execution of the contract.

10.If the quality of the supplied material is found to be unsatisfactory fully or in part, the material will be rejected and the successful Bidder/tenderer will be held responsible to replace the material in full and without final replacement no payment shall be made.

11.Need to Provide 10 PRI Experience Certificate.

12. All right about cancellation bid in any circumstance with or without any intimation reserves to buyer.

13.As per Requirement Seller should be ready to provide required product to install at required location.

14 .If Seller Fail to Provide required documents seller will be rejected from Bid and there should be no any objection from seller in those regards ,such seller need to participate in this Bid .

For purpose of Bidder/ tenderer should additionally u

pload:A statement indicating details of equipment possessed and skilled manpower employed and quality control measures adopted etc as in Annexure 1

Annexure 1

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL

Bid No. Date of Opening.....Time.....Hours

Name of the Firm

Note: All details required only for the items tendered/bid:-

1. Name & full address of the firm.
2. Telephone & FAX No. Office/Factory/Works.
3. Telegraphic and E mail address
4. Location of the manufacturing factory.
5. Details of Industrial Licence, wherever required as per statutory regulations. (yes/NO)
6. Details of plant & machinery erected and functioning in each Deptt.(Monographs & Description pamphlets be supplied if available.) (yes/No)
7. Details of the process of manufacture in the factory in brief.(If Reseller then not require)
8. Details & stocks of raw material held.
9. Production capacity of item(s) quoted for, with the existing plant & machinery. .(If Reseller then not require)
 - 9.1 Normal
 - 9.2 Maximum
10. Details of arrangement for quality control of products such as laboratory testing equipment etc. .(If Reseller then not require)
11. Details of staff.
 - 11.1 Details of technical supervisory staff-in-charge of production & quality control
 - 11.2 Skilled labour employed.
 - 11.3 Unskilled labour employed.
 - 11.4 Maximum No. of workers (skilled & unskilled) employed on any day during the 18 months preceding the date of application
12. Whether stores are tested to any standard specification, if so, copies of original test certificates should be submitted in triplicate.
13. Are you a MSE registered with any of the agencies mentioned in the notification of Ministry of MSME

Signature and seal of the Manufacturer / Bidder/Tenderers

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 are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

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---