

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 19:00:00
Bid Opening Date/Time	20-07-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Gujarat
Department Name	Education Department Gujarat
Organisation Name	District Primary Education Project
Office Name	Vyara
Total Quantity	3
Item Category	inverters solar inverter
Bidder Turnover (Last 3 Years)	4 Lakh (s)
OEM Average Turnover (Last 3 Years)	52 Lakh (s)
Experience Criteria	2 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual 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
Past Performance	80 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	3.00
EMD Amount	40500

ePBG Detail

Required	No
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(a). 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). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

DPEO

VYARA, Education Department Gujarat, District Primary Education Project,
(District Primary Education Officer,tapi)

Splitting

Bid splitting not applied.

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

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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.

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 years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Inverters Solar Inverter (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Rating of inverter (KVA)	3.0 KVA	3.0 KVA
	ISI marked	No	No
	If ISI marked yes, CM/L No. must declare. If ISI mark No write NA	-	*
	Nos. of phase	single	single
	Inverter output wave form	Pure sine wave	Pure sine wave
	Ingress protection rating of inverter	IP 23 for indoor use	IP 23 for indoor use
	Built in protection for AC high/low voltage and frequency if connected to AC mains	IP 23 for indoor use	IP 23 for indoor use
	Display Type	LCD	LCD
	Area required for installation of Solar panels with mounting structure (sq. mt)	-	*
CONSTRUCTIONAL	Material of mounting structure	Galvanised steel	Galvanised steel
	Mode of operation	To be used in conjunction with AC mains	*
	Switching device	IGBT	IGBT
	Maximum power point tracking (MPPT)	yes	*
	Galvanic isolation between input DC and output AC	yes	*
	By-pass facility if connected to AC mains	IP 23 for indoor use	*
	Display parameters like DC voltage (V) DC current (A) AC voltage(V)	YES	*
	Sequence of power drawing	(1) SPV (2) AC MAINS (IF CONNECTED WITH AC POWER) (3) BATTERY BANK	*
	Nos. of modules in an array (NOS.)	-	*

	Rating of individual PV module (Wp)	-	*
	Salt mist corrosion resistant material for body and frame of SPV module	Galvanized steel	Galvanized steel
	Provision for Solar generation meter	yes	*
	Provision for bidirectional meter (Net Meter)	yes	*
	Provision of anti rusting/ non corrosive mounting structure	yes	*
	Sustainability of wind speed. (KM/Hr)	150	150
	Type of battery (KM/Hr)	Tubular Gel	Tubular Gel
	Capacity of battery bank (VAH)	-	*
	3 stage battery charging (float, boost and equalize stage) for long life of the battery	yes	*
	Reverse polarity protection	yes	*
	Complete installation work to be done by supplier	yes	*
	Gross weight of the inverter (kg)	-	*
	Reverse polarity protection for PV modules	yes	*
FUNCTIONAL	Inverter efficiency	-	*
	Total Harmonic distortion (%)	-	*
	Operating AC voltage range (Volts)	-	*
	Operating frequency range (Hz)	-	*
	Operating Temperature (degree cel)	-	*
	Operating relative humidity (%)	-	*
	Load power factor	-	*

	Output regulation at rated voltage	Yes	*
	Over load Protection 110% for 60 Seconds ,125% for 30 Seconds and 150% for 5 seconds	yes	*
	Efficiency of Solar panel (%)	-	*
	Battery backup time at rated load (Hour)	4	4
	Battery bank Voltage (Volt)	-	*
CERTIFICATIONS	Conformity of inverter to environmental testing conditions as per IEC 600688-2 (1,2,14,30) or equivalent BIS standard	YES	*
	90% performance warranty for SPV (years)	10	*
	80% performance warranty for SPV (years)	25	*
	TTC for PV module from any MNRE lab as per MNRE 2015-2016	yes	*
	OEM test report for indigenously produced PV module (s)	yes	*
	Availability of Type test report for inverter including environmental tests from Central government/NABL/ILAC accredited laboratory to prove conformity to the specification	yes	*
	Test report number	-	*
	Date of test report	-	*
	Name and address of laboratory	-	*
	Type test report to be furnished on buyers demand	yes	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by

Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Kishanbhai Radgabhai Kunkana	394650,DISTRICT PRIMARY EDUCATION OFFICE, GROUND FLOOR, JILLA SEVA SADAN, BLOCK NO.-11, PANVADI, VYARA-394650 DIST.-TAPI.	3	15

Bid Specific Additional Terms and Conditions

- 1. Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- 2. Malicious Code Certificate:**

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

 - (i) Inhibit the desires and designed function of the equipment.
 - (ii) Cause physical damage to the user or equipment during the exploitation.
 - (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.
- 3. OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
- 4. Scope of supply (Bid price to include all cost components) :** Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 5. Bidder Turn Over Criteria:** 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 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.
- 6. OEM Turn Over Criteria:** The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
7. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
 8. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from Class 1 local suppliers as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a class 1 local supplier is denoted in the bid document 50%. All bidders must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which the bid is liable to be rejected. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
 9. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
 10. ISO 9001: The bidder must have ISO 9001 certification.
 11. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
 12. Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid
 13. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.
 14. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
 - (i) Single order of at least 35% of estimated bid value; or
 - (ii) Two orders of at least 20% each of estimated bid value; or
 - (iii) Three orders of at least 15% each of estimated bid value.
 Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary

product having highest bid value should meet this criterion

15. Bidders can also submit the EMD with Account Payee Demand Draft in favour of District Primary Education Officer, Tapi payable at Vyara, Tapi.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

16. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of District Primary Education Office, Tapi A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter.

Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

17. Bidders can also submit the EMD with Banker's Cheque in favour of District Primary Education Officer, Tapi payable at Vyara, Tapi.

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---