

Bid Document

Bid Details	
Bid End Date/Time	27-08-2021 16:00:00
Bid Opening Date/Time	27-08-2021 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Atomic Energy
Organisation Name	Iter India Ipr
Office Name	literindia Ipr Blocka Sangath Skyz Bhatmote
Total Quantity	1
Item Category	Signal Generator-IS 9000
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC),OEM Authorization Certificate *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
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	5 Days
Estimated Bid Value	1050000
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	26

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Sr. Officer (Purchase & Stores)
ITER-INDIA IPR, BLOCK A SANGATH SKYZ BHAT-MOTERA ROAD, KOTESHWAR, AHMEDABAD-380005
(Ipr Accounts Iter-india)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier 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. If the bidder wants to avail the Purchase preference, the bidder 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 no purchase preference shall be granted. 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. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total QUANTITY.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Signal Generator-IS 9000 (1 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
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Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERAL FEATURES	Type	RF Signal Generator
MEASUREMENT FEATURES	Frequency Resolution (Hz)	0.1
	Frequency Range(Hz)	9 KHz to 1 GHz
	SSB Phase Noise declared at	1GHz,on 20KHz offset
	Maximum Output Level (dBm)	13
	Minimum Output Level (dBm)	-120
	Non Harmonics declared at	>10 KHz carrier offset
	Harmonic declared at(dBm)	2GHz at level 0 dBm
	Reverse Power Protection(watt)	2.0
	VSWR on all operating frequencies	1.8
AM FEATURES	Amplitude Modulation (AM)Operating Modes	Internal
	Maximum Amplitude Modulation Frequency (3 dB),f > 100KHz	80.0
	Minimum Amplitude Modulation Frequency (3 dB), f > 100 KHz	20.0
	Amplitude modulation depth(%)	0-100
	Resolution of AM	0.1
	AM Distortion at 1 KHz	2.0
FM FEATURES	Frequency Modulation(FM) Operating Modes	Internal
	Maximum Frequency Modulation Frequency(-3 dB)Standard	80.0
	Minimum Frequency Modulation Frequency (-3 dB) Standard	20.0
	Minimum Frequency Deviation	0.0
	Maximum Frequency Deviation (KHz)	100.0
PHASE MODULATION FEATURES	Phase Modulation	Available

Specification	Specification Name	Bid Requirement (Allowed Values)
PULSE MODULATION FEATURES	Pulse Modulation	Not-Available
OTHER FEATURES	Memory(Minimum Storage Settings)	16
	RF Analog sweep	Not-Available
VECTOR MODULATION FEATURES	Vector Modulation	Not-Available
POWER SOURCE	Power Requirements	230 V +/-10% AC, 50 Hz +/- 3%
GENERIC	Interface Available	USB
SERVICE	Warranty	3.0

Additional Specification Parameters - Signal Generator-IS 9000 (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Frequency switching speed; Frequency Sweep modes and FM Resolution	Frequency switching speed: =< 1 ms; Frequency Sweep modes: Step sweep, List sweep and FM Resolution: 0.025% of deviation
Frequency Dwell time	100 micro second to 100 second
Amplitude switching speed & Amplitude Resolution	Amplitude switching speed: =<1 ms & Amplitude Resolution: 0.01dB or higher
External modulation input	Shall support external input for AM, FM, and PM
PM Resolution	0.1% of deviation

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Mayurkumar Navinchandra Patel	380005,ITER-INDIA, IPR, BLOCK-A, SANGATH SKYZ, BHAT-MOTERA ROAD, KOTESHWAR, AHMEDABAD-380005, GUJARAT, INDIA	1	90

Buyer Added Bid Specific Additional Terms and Conditions

- Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address ITER-India Lab Building (ICRH Lab) Institute for Plasma Research Near Mother Dairy,

Indira Bridge, Bhat Village, Gandhinagar - 382428.

2. **End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
3. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No.and date : 47/2017 - Integrated Tax (Rate) , 45/2017-Central Tax (Rate) dated 14/11/2017 and 45/2017 - State Tax (Rate) dated 15/11/2017
4. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
5. Scope of supply (Bid price to include all cost components) : Only supply of Goods
6. 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.
7. Warranty period of the supplied products shall be 2 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.
8. Buyer Added text based ATC clauses

1. Bidders are requested to submit their bids in line with the Revised Bid Requirement (Allowed Values) as mentioned below.

Specification	Specification Name	Bid Requirement (Allowed Values)	Revised Bid Requirement (Allowed Values)
Measurement Features	Maximum Output Level (dBm)	13	=> +18 dBm in frequency range of 10 MHz to 100 MHz
Measurement Features	Non Harmonics declared at	>10 KHz carrier offset	=< -65 dBc
Measurement Features	Harmonics declared at (dBm)	2GHz at level 0 dBm	< -35 dBc
Generic Service	Interface Available Warranty	USB 3.0	GPIB, LAN, USB 2 years

2. Certification: The product shall be CE Certified

3. Acceptance Criteria: Following basic functionality test will be performed for acceptance of the product. All these tests should match the given specifications.

3.1 Amplitude and frequency switching speed

3.2 Frequency sweep modes and dwell time

3.3 Amplitude of maximum output power in frequency range of 10MHz to 100MHz

3.4 Amplitude, Frequency and Phase modulation using external input

9. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of Institute for Plasma Research, A/c ITER-India payable at Ahmedabad. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
10. Successful Bidder can submit the Performance Security in the form of Payment online through RTGS /

internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name Institute for Plasma Research A/c ITER-India Account No. 30360884053 IFSC Code SBIN0010864 Bank Name State Bank of India Branch address IPR Bhat. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. 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.

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

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.

---Thank You---