



Bid Number: GEM/2020/B/706266
Dated: 10-07-2020

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 18:00:00
Bid Opening Date/Time	25-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	65 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Research & Development
Organisation Name	Office Of Dg (Is)
Office Name	*****
Total Quantity	1
Item Category	thermal imager
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	15000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	14

(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:

Director

Post Bag No2, Tezpur - 784001, Assam, Department of Defence Reseach & Development, Office of DG (LS), Ministry of Defence
(Defence Research Laboratory)

Splitting

Bid splitting not applied.

Thermal Imager (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
LENS MEASUREMENTS FEATURES	Horizontal Field of View of Standard lens (degree)	20-25	*
	Vertical Field of View of Standard lens	14-20	*
	Horizontal Field of View of Telephoto lens	20-25	20-25
	Vertical Field of View of Telephoto lens	15-21	15-21
	IFOV of Standard lens (mRad)	2.1	*
	IFOV of Telephoto Lens (mRad)	1	1
	IFOV of (Spatial resolution) (mRad)	1.31	*
PERFORMANCE FEATURES	Type	Hand held	*
	Detector Resolution (minimum) (pixel)	100000	100000

	Temperature Range of Objects (Degree Celsius)	-20 to + 1200	-20 to + 1200
	Temperature measuring accuracy of reading (or better)	$\pm 2\%$ oC	$\pm 2\%$ oC
	Minimum Focus distance	20	20.0
	Image capture frequency/ frame rate (Hz)	$N \geq 9$	*
	Image Detector Type	Focal Plane Array (FPA) Uncooled Micro bolometer (for fever measurment & animal husbandry thermal imager)	*
	Thermal sensitivity (NETD)	0.05	0.05
	User selectable Emissivity setting/correction	Between 0.01 and 1	*
	Infrared spectral band (micrometer)	Between 8 and 14	*
	Image Palettes	6	*
DISPLAY	Display Type	Color LCD	Color LCD
	Display size	4	4.0
GENERAL FEATURES	Image capture, review and save mechanism	One handed image capture, review and save capability	*
	Storage medium	SD Memory card	*
	Size of USB stick	8	*
	File formats	JPEG	*
	Built-in digital camera/ Visual Camera Resolution (Mpixel)	$N \geq 0.5$	$N \geq 0.5, N \geq 1$
	Details of Operating functions	-	*
	Facility for the adjustment/ selection of the time/date etc	yes	*
	Interface for image transfer	SD Memory card	*
	Focus	Manual & Auto	*

	other features	-	*
OPERATING CONDITION	Minimum Operating Temperature	-10	*
	Maximum Operating Temperature	50	*
	Operating Humidity (RH)	95	*
POWER REQUIREMENT	Power Requirements	Battery Operated	*
	chemistry of the battery	lithium ion	*
	Voltage of rechargeable Battery	3.6	*
	Capacity of rechargeable battery (milliAH)	5700	*
	Suitable charger/adaptor provided	yes	*
	Battery Backup	3	*
	Power Management	Automatic shut down /User Selectable	*
CERTIFICATION & SAFETY	On-screen battery level indicator	yes	*
	IP Protection	IP54	*
GENERIC	Safety certification	UL	*
	Size/ dimension	-	*
	Weight (including batteries)	1	*
	Automatic active temperature stabilization system of camera	yes	*
	Provision for through-the-lens direct temperature measurement capability	yes	*
TEST REPORT DETAILS & TESTS	The equipment supplied with calibration certificate	yes	*
	conformity to Dry Heat for 16 hrs at a maximum temp in accordance with IS:9000/part-3/section-5/1977 latest	No	*

conformity to Cold Test for 4 hrs at a minimum temp in accordance with IS:9000/part-2/section-4/1977 latest	No	*
conformity to Damp Heat (Cyclic)Test for 2 Cycles of 24 h each at a temp of 40 degree C & 95% RH	No	*
Availability of the test report from Central Govt/ NABL/ ILAC accredited lab to prove conformity to the specification	No	*
Test Report Number and date for the specification test (not a part of biddable parameter)	-	*
Name and address of the Lab for the specification test (not a part of biddable parameter)	-	*

* 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	*****	*****SONITPUR	1	45

Bid Specific Additional Terms and Conditions

- 1. End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
- 2. 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.
- 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 dated 14/11/2017

4. The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price: Yes.
5. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of Director, DRL, Tezpur 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.
6. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of Director, DRL, Tezpur 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 Security Deposit, 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. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.
7. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
8. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
9. 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.
10. 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

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

---Thank You---