

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 11:00:00
Bid Opening Date/Time	20-07-2020 11:30:00
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	Nuclear Power Corporation Of India Limited
Office Name	Kaiga Karnataka
Total Quantity	1
Item Category	Mass Non Invasive Thermic Visualiser for Skin (Digital Thermal Scanner/Imager -HumanBody)
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
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Mass Non Invasive Thermic Visualiser For Skin (Digital Thermal Scanner/Imager -HumanBody) (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Display	Display Type	LED Display	*
	Display size (External)	42	42.0
Certification and Safety	IP Protection	IP40	*
	Safety certification	CE	*
General Features	Image capture, review and save mechanism	One handed image capture Manually & Automatic Alarm based image capture, review and save capability	One handed image capture Manually & Automatic Alarm based image capture, review and save capability
	Storage medium	PC	PC
	Size of Memory	+500 GB	*
	File formats	JPEG with Temperature Data	*
	Digital camera/ Visual Camera Resolution (Mpixel)	$N \geq 1MP$	*
	Facility for the adjustment/ selection of the time/date etc	Available	*
	Interface for image transfer	USB Cable with suitable drivers for downloading to PC	*
	Focus	Manual	*
	Measurement Modes	Hot Cursor,Face Detect Rectangle with Max Temp	Face Detect Rectangle with Max Temp, Hot Cursor
	Temperature Alarm	Both	Both
	Software capable of Automatic Face locking mechanism to only capture Humans	Available	Available
	Software Capable of Artificial Intelligence to Calibrate Alarm Thresholds as per applicable Ambient	Available	Available

	Temperature		
	Software to have Automatic Screened Human Count & Image Data Storage feature	Available	Available
Generic	Size/ dimension	210	*
	Weight (including batteries)	560	*
	Automatic active temperature stabilization system of camera	Yes	*
	Provision for through-the-lens direct temperature measurement capability	Yes	*
	Tripod Mounting	UNC 1/4"-20 Inbuilt	*
	Warranty	1	*
Lens Measurement Features	Horizontal Field of View of Standard lens (degree)	25-30	*
	Vertical Field of View of Standard lens	20-25	*
	IFOV of Standard lens (mRad)	1.5	1.5
Operating Condition	Minimum Operating Temperature	0	*
	Maximum Operating Temperature	40	*
	Operating Humidity (RH) (%)	95	*
Other Accessories Included	USB Cable, Manual, Laptop/PC, Industrial Tripod	Available	*
Performance Features	Type	Hand held along with TRIPOD & External Display along with PC/Laptop	Hand held along with TRIPOD & External Display along with PC/Laptop
	Detector Resolution (minimum Pixels)	110592	110592
	Temperature Range of Objects (Min)	20	20.0
	Temperature measuring stability of reading (or better)	± 0.5°C	± 0.5°C

	Minimum Focus distance	1.5	*
	Image capture frequency/ frame rate	50	50.0
	Image Detector Type	Focal Plane Array (FPA) Uncooled Micro bolometer (for fever measurment & animal husbandry thermal imager)	*
	Thermal sensitivity (NETD) @30°C	0.4	0.4
	User selectable Emissivity setting/correction	1	*
	Infrared spectral band (micrometer) (Min)	8	*
	Image Palettes	Others	*
	Temperature Range of Objects (Max)	50	50.0
	Infrared spectral band (micrometer) (Max)	14	*
Power requirements	Power Requirements	12V DC Adapter	*
	Suitable charger/adapter provided	Available	*
Test Report Details and tests	The equipment supplied with calibration certificate	Yes	*
	Availability of the test report from Central Govt/ NABL/ ILAC accredited lab to prove conformity to the specification	Yes	*
	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	Praveen Kumar Lagudu	581400, Plant Site, Kaiga Generating Station, PO: Kaiga	1	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
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. 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% 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 percentage of 25% of total value.
4. 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.

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

---Thank You---