

Bid Document

Bid Details	
Bid End Date/Time	14-07-2020 14:00:00
Bid Opening Date/Time	14-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Office Of The Principal Chief Materials Manager, East Coast Railway, North Block, 2nd Floor, Chandrasekharpur, Bhubaneswar-751017.
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	Past Performance *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	20 %
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.

1. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% 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.

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	18.5, 19.0, 21.0, 32.0, 42.0
Certification and Safety	IP Protection	IP54	*
	Safety certification	NA	*
General Features	Image capture, review and save mechanism	Automatic image capture, automatic alarm based image capture, review, notify & save with internal Audio and video	Automatic image capture, automatic alarm based image capture, review, notify & save with internal Audio and video
	Storage medium	Laptop HDD	PC, Laptop HDD, Internal Storage + provision of SD/TF Card
	Size of Memory	+500 GB	*
	File formats	JPEG with Temperature Data	*
	Digital camera/ Visual Camera Resolution (Mpixel)	N ≥ 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	Automatic	*
	Measurement Modes	Face Detect Rectangle	Face Detect Rectangle

		with Max Temp,Face recognition while wearing mask with temperature detection.	with Max Temp, Face recognition while wearing mask with temperature detection.
	Temperature Alarm	Both	Both
	Software capable of Automatic Face locking mechanism to only capture Humans	Available	Available, Not Available
	Software Capable of Artificial Intelligence to Calibrate Alarm Thresholds as per applicable Ambient Temperature	Available	Available, Not Available
	Software to have Automatic Screened Human Count & Image Data Storage feature	Not Available	Available, Not Available
Generic	Size/ dimension	33	*
	Weight (including batteries)	4000	*
	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)	35-40	*
	Vertical Field of View of Standard lens	25-30	*
	IFOV of Standard lens (mRad)	1.5	1.5
Operating Condition	Minimum Operating Temperature	-10	*
	Maximum Operating Temperature	50	*
	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)	2073600	2073600
	Temperature Range of Objects (Min)	33	33.0
	Temperature measuring stability of reading (or better)	± 0.5°C	± 0.5°C
	Minimum Focus distance	1	*
	Image capture frequency/ frame rate	50	50.0
	Image Detector Type	Focal Plane Array (FPA) Uncooled Micro bolometer (for fever measurement & animal husbandry thermal imager)	*
	Thermal sensitivity (NETD) @30°C	50	Up to 0.5
	User selectable Emissivity setting/correction	1	*
	Infrared spectral band (micrometer) (Min)	8	*
	Image Palettes	Others	*
	Temperature Range of Objects (Max)	41	20 - 60
	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	No	*
	Availability of the test report from Central Govt/ NABL/ ILAC	No	*

	accredited lab to prove conformity to the specification		
	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	Medisetti Trinadha Kumar	751017,Office of the Dy. Chief Materials Manager (CRW). East Coast Railway, Chandrasekharpur, Mancheswar, Bhubaneswar. Pin-751017.	1	21

Bid Specific Additional Terms and Conditions

1. 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)
2. 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.

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

---Thank You---