

### Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 18:00:00
Bid Opening Date/Time	24-07-2020 18:30:00
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
Estimated Bid Value	350000

### EMD Detail

Required	No
----------	----

### ePBG Detail

Required	No
----------	----

### 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](#)

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
Display	Display Type	LED Display	*
	<b>Display size (External)</b>	42	19.0, 42.0
Certification and Safety	IP Protection	Others	*
	Safety certification	CE	*
General Features	<b>Image capture, review and save mechanism</b>	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
	<b>Storage medium</b>	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	Automatic	*
	<b>Measurement Modes</b>	Hot Cursor,Face Detect Rectangle with Max	Face Detect Rectangle with Max Temp, Hot

		Temp	Cursor
	<b>Temperature Alarm</b>	Both	Both
	<b>Software capable of Automatic Face locking mechanism to only capture Humans</b>	Available	Available
	<b>Software Capable of Artificial Intelligence to Calibrate Alarm Thresholds as per applicable Ambient Temperature</b>	Available	Available
	<b>Software to have Automatic Screened Human Count &amp; Image Data Storage feature</b>	Available	Available
Generic	Size/ dimension	150	*
	Weight (including batteries)	1500	*
	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)	20-25	*
	Vertical Field of View of Standard lens	14-20	*
	<b>IFOV of Standard lens (mRad)</b>	1.5	1.3, 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	<b>Type</b>	Hand held along with TRIPOD & External Display along with PC/Laptop	Hand held along with TRIPOD & External Display along with PC/Laptop
	<b>Detector Resolution (minimum Pixels)</b>	100000	100000, 110592, 120000, 2073600
	<b>Temperature Range of Objects (Min)</b>	20	20.0
	<b>Temperature measuring stability of reading (or better)</b>	± 0.5°C	± 0.5°C, ± 0.3°C
	Minimum Focus distance	0.25	*
	<b>Image capture frequency/ frame rate</b>	50	50.0
	Image Detector Type	Focal Plane Array (FPA) Uncooled Micro bolometer (for fever measurment & animal husbandry thermal imager)	*
	<b>Thermal sensitivity (NETD) @30°C</b>	0.05	0.05, 0.04
	User selectable Emissivity setting/correction	0.1	*
	Infrared spectral band (micrometer) (Min)	8	*
	Image Palettes	Others	*
	<b>Temperature Range of Objects (Max)</b>	50	50.0
Power requirements	Infrared spectral band (micrometer) (Max)	14	*
	Power Requirements	12V DC Adapter	*
Test Report Details and tests	Suitable charger/adaptor provided	Available	*
	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	Biswajit Sahu	751017,Office of the Dy. Chief Materials Manager (CRW). East Coast Railway, Chandrasekharapur, 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 and Commissioning of Goods
2. 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.

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

**---Thank You---**