

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 13:00:00
Bid Opening Date/Time	20-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	15 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of School Education And Literacy
Organisation Name	Kendriya Vidyalaya Sangathan (kvs)
Office Name	Singrauli
Total Quantity	3
Item Category	Handheld Digital Infrared Thermometer
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria *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.

Handheld Digital Infrared Thermometer (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
TYPE	Application	To measure temperatures in hard-to-reach areas such as metal refining / melting, heat treatment furnaces, chemical / petro chemical furnaces, processing operations, food services or hazardous areas etc	*
	Type	Handheld, Non-Contact Type Digital Infrared thermometer	*
PERFORMANCE (INFRARED / NON-CONTACT)	Lowest Measurable Temperature (Infrared Non-contact)	-40	*
	Highest Measurable Temperature (Infrared Non-contact)	800	*
	Display Resolution	0.2	0.1, 0.2, 0.5, 1 Or lower
	Basic Accuracy (±)	0.5	0.5, 0.75, 1, 1.5, 2, 2.5, 3, 5 Or lower
	Spectral Range (in micrometer)	8 TO 14	*
	Optical Resolution-Far field (Distance to spot ratio) (calculated at 90% energy)	50:1	*
	Emissivity (W/m2)	Continuously Adjustable from 0.1 to 1.00	Continuously Adjustable from 0.1 to 1.00, Fixed at 0.95
	Response Time	-	*
	Typical distance to target	-	*
DISPLAY / DATA OUTPUT	Type of Display	LCD	LCD
	Back-light display	Yes	Yes, No
	Display Size(in inch)	3.0 to 3.4	2.0 to 2.4, 2.5 to 2.9, 3.0 to 3.4, 3.5 to 3.9,

			4.0 to 4.4, 4.5 to 4.9, 5.0 to 5.4, 5.5 to 5.9, 6.0 to 6.4, 6.5 to 6.9 Or higher
	Display digit Size - Max	-	*
	Data Output to other devices	Yes	Yes, No
	Connectivity / interface	USB	*
	Data point logging capability (on board memory)	100	*
BATTERY	Power Source	Alkaline Batteries (Non-Rechargeable)	*
	Battery Size, if Non Rechargeable Battery	AA	*
	Battery Chemistry	Alkaline	*
	Capacity of Battery (mAh)	2500	*
	Battery Chargers for Rechargeable Batteries - inclusive in the scope of supply	Yes	*
	Number of Batteries required for operation	2	*
	Number of Batteries supplied (Inclusive in the Scope of Supply)	2	*
	Battery back-up time under continuous use	12	*
SALIENT FEATURES / FUNCTIONS	Salient Features / Functions	Datahold,Data Recall,Built-In Laser Sighting,Fahrenheit and Celsius Conversion,Date and Time Stamping,High and Low audible alarm,Low Battery indication,Maximum and Minimum Reading,Integrated thermocouple Input for contact Measurement	*
ACCESSORIES	Standard accessories inclusive in the scope of supply	Data output cable,Data transfer software,Carrying Case,User Manual,Thermocouple with TC adapter-T/C Type K	*

GENERIC	Built-in laser for precisely aiming the target	Yes	Yes, No
	Laser Class	Class II	Class I, Class II, NA
	Laser sighting	Single-point laser	Single-point laser, Dual laser, Three dot laser, NA
	"Typical Usage (May indicate the usage of the equipment)"	-	*
	Weight	-	*
	Dimensions (mm x mm x mm)	-	*
	Optional/User Guide/Manual	Yes	Yes, No
	Additional features, if any	-	*
	List of Items and Quantity of each item included in the offer	-	*
OPERATING CONDITIONS / INGRESS PROTECTION	Minimum Operating Temperature	0	0, -5, -10, -15, -20, -25, -30 Or lower
	Maximum Operating Temperature	50	50, 55, 60, 65, 70 Or higher
	Maximum Operating Humidity at 40 deg C - Non-condensing (Rh)	85	65, 70, 75, 80, 85, 90, 95 Or higher
	Maximum Operating Altitude (meters above MSL)	2001 to 3000	*
	Ingress Protection	NA	*
WARRANTY	Warranty	2	1, 2, 3, 4, 5
CERTIFICATION / TEST REPORTS	Compliance to Standards	EN 61326-1, EN 61326-2 Electromagnetic Compatibility, EN/IEC 61010-1 General Safety, EN 60825-1 Laser Safety	*
	Hazardous location (Intrinsically Safe / non-incendive) approval	No	Yes, No
	Availability of Test Reports from Central Govt / NABL approved / ILAC	No	Yes, No

	accredited Lab to prove conformity to the specification		
	If Yes, Test Report to be furnished to the Buyer on demand	Yes	*
	"Test Report No and Date (May indicate 'NA' if not applicable)"	-	*
	"Name of the Lab and Address (May indicate 'NA' if not applicable)"	-	*
CALIBRATION	Calibration Certificate for each Device Provided to the buyer along with supplies	Yes	*
	Calibration Certificate issuing authority	-	*

* 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	Umesh Sharma	486889,KENDRIYA VIDYALAYA SINGRAULI MORWA NEAR BSNL OFFICE	3	30

Bid Specific Additional Terms and Conditions

1. ISO 9001: The bidder must have ISO 9001 certification.
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---