

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 11:00:00
Bid Opening Date/Time	27-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Karnataka
Department Name	Forest Department Karnataka
Organisation Name	N/a
Office Name	Karnataka
Total Quantity	1
Item Category	Gas Analyser
Bidder Turnover (Last 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	1 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *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	70 %
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. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 70% 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.

Gas Analyser (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Gases Measurements	Number of Gases Can be examined	5	5
	Leak Test	Manual	Manual
Technical Parameter	Technology Used to check the parameters	Electrochemical	Electrochemical
	Optional Sensors	SOx	SOx
	Body Material	Aluminium	*
	Low Battery Voltage Cut off	Yes	*
	Sample train	NA	NA
	Number of Impringer	1	1

Mandatory Gases Option	Parameters to check - CO,CO2,HC,O2	Yes	Yes
	CO (Carbon Monoxide)	0 – 15.5%	*
	Accuracy of CO in %	1	*
	Resolution of CO in %	0.001	*
	CO2 (Carbon Dioxide)	0 – 21.0%	*
	Accuracy of CO2%	1	*
	HC (Hydro Carbon)	0 – 20000 PPM	*
	Accuracy of HC in %	1	*
	22	1	*
	O2 (Oxygen)	0 – 25%	*
	Accuracy of O2 in %	1	*
	Resolution of O2 IN %	0.01	*
	Parameters to check - Nox, Sox	Yes	Yes
	NOx	0 – 5000 PPM	*
	Accuracy of NOx in %	1	*
	Resolution of Nox in PPM	1	*
	Sox	0-5000 PPM	*
	Accuracy of SOx in %	1	*
	Resolution of Sox in PPM	1	*
Features	Optional Test Parameters	Temperature	Temperature
	Response time (for sample probe of three metre length)	30	*
	Warm-up time at 25°C and above	2	2.0
	Warm up time at 0°C in Minutes	0-4	*
	Standard Accessories	Sampling tube	Sampling tube
	Inbuilt Printer	Yes	Yes
	Buttons	Soft Touch Keys	Soft Touch Keys
	Display Type	LCD	LCD
	Separate window for displaying PEF/RPM/λ/AFR/NOx & Oil temperature values	No	No

	Confirms to ISO 3930 Standards	No	No
	Display Optional Parameters	NA	NA
	Gas scrubber for cleaning of impure particles	Yes	*
	HC residue test	No	*
	Digital span calibration Digital span calibration	Yes	*
	Power supply	230V AC \pm 10%	*
	Operating temperature Min Range Display in deg celsius	-10 - 0	*
	Operating temperature Max Range Display in deg celsius	50-60	*
	Handheld	Yes	Yes
Technical Specifications			
Product Dimensions	Product Overall Dimension (Length) in cm	50-100	*
	Product Overall Dimension (Width) in cm	50-100	*
	Product Overall Dimension (Height) in cm	50-100	*
Purchase Guidelines	Warranty in years	1	1.0
	User/Technical/Maintenance manuals to be supplied	Yes	*
	Demonstration of equipment and training to be provided to buyer on demand	Yes	Yes
	Test reports and certifications to be furnished to buyer on demand	Yes	*
	Calibration tests Certificate	Yes	Yes
Standards	Confirmity to standard as per Central and State Government	Yes	*

- * 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	Jennifer Vincent	560078,Hasiru Bhavana, Doesanipalya Forest Campus, Vinayakanagara Circle, 5th Phase J P Nagar	1	30

Bid Specific Additional Terms and Conditions

1. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

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

---Thank You---