Form No: 602

Request for Quotation

REF: AE/VA/2016/12

Subject: Quotation for supply of: Multigas Analyzer (NO, NO₂, CO, CO₂, O₂)

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover (**technical** and **financial** bid should be in separate sealed envelopes) in order to reach us on or before **5 PM**, **20/1/2017** in the form of a **hard copy** to the address mentioned below.

The requirement is a multigas analyzer for measuring species concentration in the

exhaust of a combustor. The required accessories are also listed below:

Sr.	Product name			No. of
no.				units
1.	Multigas analyzer:			1
	Gas	Range	Accuracy (whichever is larger)	
	NO_{low}	0 – 300 ppm	\pm 2 ppm or 5% of reading	
	NO _{high}	0 – 1000 ppm	\pm 5 ppm or 5% of reading	
	NO_2	0 – 200 ppm	\pm 5 ppm or 5% of reading	
	CO_{low}	0 – 300 ppm	\pm 2 ppm or 5% of reading	
	CO_{high}	0 – 4000 ppm	\pm 20 ppm or 5% of reading	
	CO_2	0 – 20 vol%	\pm 0.3% or 5% of reading	
	O_2	0 – 21 vol%	± 0.2%	
	→ All measurements on dry basis.			
	→ Should have condensate separator and appropriate filters (inbuilt or external).			
	→ Gas sampling/pumping system should be provided (inbuilt or external).			
	→ Should have the minimum listed accuracy in the mentioned			
	measurement range. The range can be more than that stated above.			
2.	Gas sampling probe:			1
	Probe tube length ≥ 1000 mm, outer diameter ≤ 10 mm			
	Max working temperature ≥ 1000 °C			
	Gas sampling hose length ≥ 2000 mm			

- Minimum warranty period for all the parts should be 12 months.
- Prices should include other additional charges, i.e. freight, insurance etc.
- Installation charges (if applicable) should be included.
- Maximum educational discount should be shown explicitly in the quotation.
- Should be compatible with 220-240 V, 50Hz electric supply and Indian plug points.
- Any other accessories for the functioning of the above mentioned products should also be included

Sincerely, **Date**: 21/12/2016

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