

Minutes of Meeting dated 6/8/2020

A committee was constituted vide office order dated 5/8/2020 to complete the process of financial bid. The first meeting of the committee was convened under the Chairmanship of Chief Environment Engineer, RSPCB on 6/8/2020 at 11.30 AM to discuss the issue related to procurement of flue gas analysers.

Following members of the committee were present in the meeting.

1. Chief Environment Engineer, RSPCB, Jaipur
2. Chief Account Officer, RSPCB, Jaipur
3. Chief Scientific Officer, RSPCB, Jaipur
4. Dr Sanjeev Kr Sharma, RSPCB, Jaipur

It was brought to the notice of all the concerned that the Bid for “Supply installation testing demonstration commission training of flue gas analyser” was invited vide UBN PCB1920GLOB00024. The bids received from M/s Toshniwal Industries Pvt. Ltd; M/s Gennext Lab Technology Pvt Ltd; M/s Prism Gas Detection Pvt. Ltd; M/s Testo India Pvt Ltd.

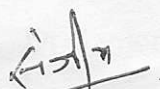
Technical evaluation of the bids was carried out by the technical committee, constituted vide office order dated 02/3/2020 and it was suggested by the committee that the bid of M/s Testo India Pvt Ltd may be considered technically qualified for the further decision (PUC 226-231).

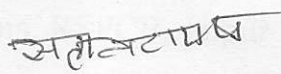
However, only one bid out of four was found suitable by the technical committee and it was examined as per the provision of RTPP rules number 68. It was found that the bid was uploaded on Rajasthan State Public Procurement Portal and E procurement site with UBN PCB1920GLOB00024. To provide sufficient time, the bid was invited from 10/2/2020 to 2/3/2020. It was notified in two news papers vide DIPR letter dated 06/2/2020 for wide publicity.


*Handwritten signatures and marks at the bottom of the page, including a large arrow pointing right.*


Considering all the above facts and based on the opinion of technical committee and the RTPP rule no 68 the committee members recommend that comparative statement and comments received from the technical committee may be uploaded on the website as per RTPP rules and if no objections are received from the bidders within five days than financial proposal received from M/s TESTO, PVT Ltd may be the opened accordingly after the approval of competent authority.

The proceeding may be submitted to Chairperson RSPCB for final approval.

  
(Sanjeev Kr Sharma)  
SO, RSPCB,  
Jaipur

  
(S.N. Tikkiwal)  
CSO, RSPCB,  
Jaipur

  
(S.N. Meena)  
CAO, RSPCB,  
Jaipur

  
(V.K. Sinhal)  
CEE, RSPCB,  
Jaipur

## Findings of Committee

**Sub:- Technical evaluation and Demonstration of Flue Gas Analyser (Combustion)samplers of Bidders participated in Bid.**

**Ref:-**Office order for constitution of technical committee vide letter no. F.11(592)/ RSPCB/Lab/3579-3585 dated 02/03/2020.

**Chronological details related above cited matter is detailed as under:-**

**A.** For the supply of Flue Gas Analyser (Combustion)samplers, following 04 bidders have participated in the BID namely :-

1. M/s Toshniwal Industries Pvt. Ltd., Mokhumpura,Ajmer.
2. M/s Gennext Lab Technology Pvt. Ltd., Office no.-3,CSC-5,1<sup>st</sup> Floor, Gole Market,Sector-9,Rohini,Delhi-85.
3. M/s Prism Gas Detection Pvt. Ltd., 243, Oshiwara Industrial Centre,New Link Road, Goregaon West,Mumbai.
4. M/s Testo India Pvt. Ltd., Plot no.-23,Sind Society, Baner Road, Aundh,Pune (MAHA.)

Copies of bidders documents were downloaded from the website.

**B. Comparative statements of Technical specifications :-** Members of technical committee have prepared the comparative statement of technical specifications and copy of same has already been submitted vide para no. 169-174/c of file no. F.11(571)/RSPCB/Lab/FGA Part-A to the higher authorities for further necessary action. Copy of same is enclosed herewith as Annexure-A. On the basis of examination of comparative statement and Demonstration following shortcomings (deviation from the technical specification specified in tender documents) are detailed as under:-

**i. M/s Toshniwal Industries Pvt. Ltd. :-**

That bidder has not submitted sealed and signed copy of technical specification sheet. (PUC-20-23/c of file 571 Part- B).

Besides, bidder has mentioned "complied statement" in most of the particulars of technical specification comparison chart (PUC-20-23/c of file 571 Part- B), However, as per enclosed Brochure of quoted model Enerac 700 instrument, various specifications details are different (PUC-16/c of file 571 Part- B), than the specified in the tender. These variations are elaborated as under:-

- a. Calibration and certificate of approval from recognised agency like USEPA, TUV, NPL is not provided.
- b. Temperature measurable with K type thermocouple is up to 1093°C (2000°F) which is less than specified 1200°C (2192°F) in tender document.
- c. Bidder has specified rechargeable 4D size NiMH battery under power supply specification whereas Board has specified rechargeable Li-ion battery.
- d. Under parameter Range, Resolution and Accuracy for O<sub>2</sub>,CO,NO,NO<sub>2</sub>,SO<sub>2</sub>,CO<sub>2</sub>,HC,efficiency, as per information provided by the bidder in brochure , bidder is not complying with the range for CO (ppm range), NO,NO<sub>2</sub>,SO<sub>2</sub>,CO<sub>2</sub>.

*Handwritten notes:*  
 @  
 Pannay  
 सलवारसल  
 सल



- e. All the documents including specification sheet downloaded from website, were neither signed nor sealed.

**ii. M/s Gennext Lab Technology Pvt. Ltd. :-**

That bidder has mentioned "fully complied and no deviation statement" in technical specification comparison chart dully sealed and signed (PUC-111/c of file 571 Part- B), However, as per enclosed Brochure of quoted model Ecom GmBH J2KN pro instrument, various specifications details are different (PUC-105/c of file 571 Part- B) than the specified in the tender. These variations are elaborated as under:-

- a. Calibration and certificate of approval from recognised agency like USEPA, TUV, NPL has not provided.
- b. As per bidders' documents viz. Brochure of instrument, concentration range wise break up of resolution/accuracy of measurement is not mentioned for CO sensor.
- c. As per bidders' documents viz. Brochure of instrument, accuracy for NO, NO<sub>2</sub>, SO<sub>2</sub>, CO<sub>2</sub>, HC is not mentioned.
- d. That details regarding combustion efficiency are not mentioned (PUC-105/c of file 571 Part- B).
- e. Bidder has not mentioned about workable relative humidity as specified in tender document.
- f. Performance certificate has not been submitted.

**iii. M/s Prism Gas Detection Pvt Ltd. :-**

That bidder has mentioned "Ok/Yes statement" in technical specification comparison chart dully sealed and signed (PUC-371-372/C of file 571 Part- B). However, as per enclosed Brochure of quoted model Seitron Chemist 900 instrument, various specifications details are different (PUC-356-359/c of file 571 Part- B.) than the specified in the tender. These variations are elaborated as under:-

- a. Calibration and certificate of approval from recognised agency like USEPA, TUV, NPL has not provided.
- b. Not complied in the operating temperature and relative humidity as provided operating temperature range is -5 to 45 °C in place of 10-50 °C and provided relative humidity range is 20% to 80% in place of 0-85%.
- c. That accuracy of CO sensor is specified as  $\pm 20$  ppm in case of  $< 400$  ppm concentration whereas bidder 's enclosed brochure accuracy of CO sensor is specified as  $\pm 100$  ppm in case of 0-2000 ppm. Therefore, accuracy specified is not fully complied.
- d. Resolution of CO<sub>2</sub> sensor is 0.1% in place 0.01% as specified in tender document.
- e. Accuracy of CO<sub>2</sub> sensor is  $\pm 5\%$  of Measured Value for 8.01 to 40 % range whereas  $\pm 1\%$  accuracy is specified in tender document for up to 40 % range.
- f. Not mentioned about warranty and FOR supply.

Prism  
G

Prism Gas Detection Pvt Ltd

- g. Photocopy of IT returns for the last 03 years **and CA** certified copy of the balance sheet for the year 2019 **not submitted** by the bidder.
- h. Bidder has not submitted certificate of conformity **and** manufacturers Authorization form (MAF).
- i. Among all the documents downloaded from website of the bidder, some of the documents were neither signed nor sealed by bidder.

**iv. M/s Testo India Pvt. Ltd. :-**

That bidder has mentioned "complied statement" in technical specification comparison chart duly sealed and signed (PUC-268-270 & 278-279/C of file 571 Part- B) for the quoted model Testo 350 instrument and the same are found complied as per the brochure submitted.

**Demonstration:-** As per RSPCB email dated 12.03.2020, all the bidders were informed to participate and provide Demonstration of their quoted instrument on dated 18.03.2020 however bidders could not participated on the same day for demonstration due to COVID-19 pandemic and requested for reschedule for their demonstration except M/s Toshniwal Industries Pvt. Ltd. This bidder's representative has given demonstration on dated 18.03.2020.

Thereafter, M/s Gennext Lab Technology Pvt. Ltd. has participated and provided their demonstration on 17.06.2020 at RSPCB,Jaipur.

Subsequently, with the approval from competent authority, M/s Testo India Pvt. Ltd. M/s Prism Gas Detection Pvt Ltd has participated in online demonstration on dated 01.07.2020.

Findings of demonstration are summarized as under:-

- a. **M/s Toshniwal Industries Pvt. Ltd. :-** Bidder's representative has not clarified difference in the specified range for CO (ppm range),NO,NO<sub>2</sub>,SO<sub>2</sub>,CO<sub>2</sub>. Further, HC sensor was not equipped with the instrument during demonstration. Besides, provision of effective moisture trapper as well as soot particle trapper is not found with demonstrated model. During demonstration, representative of bidder was informed and clarified that accuracy specified for CO<sub>2</sub> sensor is with respect to the measured value.
- b. **M/s Gennext Lab Technology Pvt. Ltd. :-**
  - i. Bidder has not given demo with the instrument model quoted in bidder document, however the bidder confirmed the quoted model will be supplied, if awarded.
  - ii. During demonstration provision for soot particle trapper is not found with demonstrated model.
  - iii. Representative of bidder could not explain the drain arrangement of trapper.
  - iv. As per the visual observation and conversation with representative of the bidder, sensors installed in instruments are in completely packed situation and it

*Handwritten notes:*  
 POONAM  
 21/07/20  
 21/07/20

not appears easy to replace/fit the sensors at site. Thus, it was observed that sensors are not easily replaceable at site by the user himself.

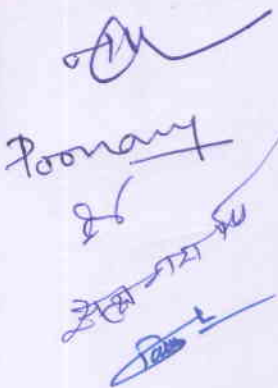
- v. That the instrument is fitted in the case and not available as remote handset.
- vi. That probe length of demonstrated instrument was not 1.0 meter however representative informed that they will provide 1.0 meter length probe during supply of order if awarded.
- vii. That the instrument is equipped with HC sensor (CxHy) is showing only CH<sub>4</sub> value and not showing the data related to other HCs viz. Propane, Butane etc. during demonstration.
- viii. Although operation of the instrument is easy, but the weight of the total instrument assembly is approx. 14 KG. of the quoted model (PUC-105/c of the file 571 Part-B) which is not easy to transport at the monitoring point by the user.

**c. M/s Prism Gas Detection Pvt. Ltd. :-**

- i. Bidder has not given demo with the instrument model quoted in bidder document.
- ii. During demonstration provision for soot particle trapper is not found with demonstrated model.
- iii. That the instrument was not equipped with HC sensor (CxHy) during demonstration.
- iv. That probe length of demonstrated instrument was not 1.0 meter however representative informed that they will provide 1.0 meter length probe during supply of order if awarded.
- v. Bidder's representative has not clarified difference in the accuracy of CO sensor in case of < 400 ppm concentration, resolution of CO<sub>2</sub> sensor, accuracy of CO<sub>2</sub> sensor for 8.01 to 40 % with respect to specified specifications.
- vi. Bidder has not provided practical /experimental test demo during demonstration.

**d. M/s Testo India Pvt. Ltd. :-**

- i. That bidder has provided online demonstration of quoted instrument Testo -350 consisting power point presentation, Instrument demo followed by Practical.
- ii. That bidders's equipment was found with three stage dust filter.
- iii. That moisture trapper is provided with instrument.
- iv. Sensors equipped with FGA were plug in play types and easily replaceable.
- v. Sensors and instrumentation part of FGA device was separated with partition to avoid heating and drift error problems.
- vi. That quoted instrument is equipped with HC sensor (CxHy) is showing CH<sub>4</sub> value as well as to easily



  
 Poonam



- configured for other HCs viz. Propane, **Butane** etc. as seen during demonstration.
- vii. Weight of total instrument assembly was **approx. 4.8 KG.** for the quoted model as shown **during** demonstration.
- viii. During demonstration, representative of the bidder also shown some other features viz. Auto leakage testing, automated pump for regulation of flow, detachable remote part of device etc.
- ix. During demonstration, representative of the bidder clarified that resolution of CO<sub>2</sub> sensor for the range 0-25% is 0.01% which is same as specified in tender document and CO<sub>2</sub> concentration limit 25% is quite acceptable, as cases related to beyond 25% of concentration range are negligible ,however in such cases, quoted resolution is 0.1%. (PUC-258/c of the file 571 Part-B).

**Comments:-**

- I. As per technical specification details and demonstration provided by M/s Toshniwal Industries Pvt. Ltd. are not conforming, the aforesaid conditions of the technical specification (specifically 4,5,7, part of 11)stipulated by the Board in tender document. Therefore, this bidder may not be considered for technical qualification of bid on the basis of technical comparative statement as well as details provided by Bidders in enclosed brochure/during demonstration.
- II. As per technical specification details and demonstration provided by M/s Gennext Lab Technology Pvt. Ltd. are not conforming the aforesaid conditions of the technical specification (specifically 4, 6, part of 11, 14.2)stipulated by the Board in tender document. Therefore, this bidder may not be considered for technical qualification of bid on the basis of technical comparative statement as well as details provided by Bidders in enclosed brochure/during demonstration.
- III. As per technical specification details and demonstration provided by M/s Prism Gas Detection Pvt. Ltd. are not conforming the aforesaid conditions of the technical specification(specifically 4,6, part of 11) stipulated by the Board in tender document. Therefore, this bidder may not be considered for technical qualification of bid on the basis of technical comparative statement as well as details provided by Bidders in enclosed brochure/during demonstration.
- IV. As per technical specification details provided by M/s Testo India Pvt. Ltd., bidder is conforming the technical specifications.  
Besides, this bidder has also provided copy of the certificates of approval from the recognised agency like USEPA (ETV Based) TUV required as fulfilment of stipulated specifications, which is not provided by any of the remaining

  
 Poonam  
 2  
 आर.एस.एस.  
 10/11

three bidders. Further, during online demonstration of the instrument on 01.07.2020, it was observed that-

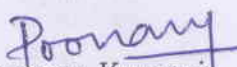
- a) Instrument is provided with 03 soot filters for the removal of particulate matter which is an additional advance feature for instrument precautionary safety and betterment of sensor life.
- b) Sensors can be easily replaceable by the user (plug in play type).
- c) Instrument is light in weight (< 5 kg) with remote handset as per tender requirement.
- d) Auto Gas leakage testing facility is provided.
- e) Instrument is in use with various reputed agency/pollution control authorities viz. CPCB and SPCBs like APPCB, UPPCB, MPPCB (as per the copy of supply orders provided by the bidder).

Therefore in light of above, it is suggested that bidder M/s Testo India Pvt. Ltd. may be considered technically suitable for the further decision and next step /process of procurement , if found appropriate.

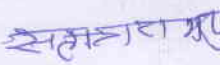
Submitted for perusal and further necessary action.

  
Hitesh Upadhyay  
JSO

  
Dr. Narain Bhoot  
SO


  
Poonam Kumari  
SO


  
Vishnu Datt Purohit  
EE

  
S. N. Tikkiwal  
Supdt. SO



S.no.	Specification	Requirement	Moshniwal Industries Pvt Ltd., Industrial Estate, Makhupura, Ajmer - 305002, Rajasthan	Gennext Lab Technology Pvt. Ltd. Office No. 3, CSC - 5, First Floor, Gole Market, Sector 9, Rohini, Delhi - 85	Testo India Pvt. Ltd., Plot No. 23, Sind Society, Baner Road, Aundh, Pune - 411007, Maharashtra	Prism Gas Detection Pvt. Ltd., 243, Oshiwara, Industrial Centre, new link road, Goregaon (West) Mumbai - 400104
		Reference	PUC 16-19/c & 20-23/c	PUC 108-110/c & 112-113/c	PUC 256-263/c & 279/c	PUC 372/c
		Make / Model	Enerac (USA), ENRAC 700	Ecom GmbH, J2KNpro	Testo 350	Seitron, Chemist 900
1.	Gases to be measured	CO, O <sub>2</sub> , CO <sub>2</sub> , SO <sub>2</sub> , NO, NO <sub>2</sub> , HC and combustion efficiency	Complied	Complied	Complied	Complied
2.	Sensors	Electro-chemical Sensors with high accuracy and life span of 3 to 5 years (CO, O <sub>2</sub> , CO <sub>2</sub> , should be measured directly with respective individual sensors)	Electrochemical and NDIR sensors	Quoted system has Electro-chemical Sensors with high accuracy and life span of 3 to 5 years (CO, O <sub>2</sub> , CO <sub>2</sub> , can be measured directly with respective individual sensors)	Yes, available	Yes
3.	Gas Flow	1 to 2.5 litre/min	Complied	1 to 2.5 litre/min	1 to 2.5 litre/min	—
4.	Calibration and certificate	Calibration and certificate of approval from recognized agency like USEPA, TUV, NPL, NTSE be provided	Calibration and certificate of approval from recognized agency not provided.	Calibration and certificate of approval from recognized agency not provided.	USEPA/TUV approved	Calibration and certificate of approval from recognized agency not provided.
5.	Temperature Measurable	Up to 1200 C with K type thermocouple Accuracy ± 1°C	Not Complied	Complied	Yes, Up to 1200 C with K type thermocouple Accuracy ± 1°C	Complied
6.	Operating Temperature	System Should be rugged and workable in Indian Environment temperature range from 10 to 50 C and Relative Humidity 0 to 85%	Complied	Partially Complied not mentioned about Relative Humidity	Complied	Partially Complied (-5 to 45°C temperature range and 20%-80% RH
7.	Power Supply	Rechargeable Li-ion Battery along with built in charger and Power adopter 230V± 10VAC; 50Hz AC	Rechargeable 4 D size NiMH Battery along with built in charger and power adopter 230V± 10VAC; 50Hz AC	Rechargeable Li-ion Battery along with built in charger and Power adopter 230V± 10VAC; 50Hz AC would be supplied	Complied	Complied
8.	Flue (Combustion) Gas Probe	Suitable metallic probe to withstand 1200°C temp with insulated handle.	Complied	Suitable metallic probe to withstand 1200°C temp with insulated handle would be supplied with quoted system	Yes Provided	Yes

  
 डॉ. नारायण भूत  
 वैज्ञानिक अधिकारी

  
 एस.एन. टिक्कीवाल  
 वैज्ञानिक अधिकारी

9.	Probe Length	Minimum one meter long probe from original manufacture and it is extendable.	Complied	one meter long probe from original manufacture and it is extendable would be supplied with system	Yes, one metre long probe from original manufacturer i.e. Testo, which can withstand 1200 °C temperature with insulated handle will be provided	OK
10.	Display	Remote hand set with backlit 4 line LCD 15 ft cable connects the display handset to the analyzer.	4 & 8 Line 128x64 Pixcel dual display	Partial Complied as remote hand set not provided	Yes Provided	Complied
11.	Parameter-wise specifications	Please see Annexure -1 A	OK	Yes quoted system can measure all the parameters as per given specification		OK
12.	Software/Operator	Easy to handle keyboard operated and user friendly. Data format transferable to user software and data logger.	Complied	Quoted system is easy handling keyboard operated and user friendly. With Data format transferable to user software and data logger.	Available	OK
13.	Weight	Light Weight/ Portable	Complied	Light Weight/ Portable	Yes	Yes
14.	Other Conditions	1. Instruction manual for operation.	Complied	Instruction manual for operation.	Provided	Yes
		2. Sensor must be replaceable at site and easy for fitment.	Complied	Sensor can be replaceable at site and easy for fitting.	Yes, Sensor can be replaceable at site and easy for fitment.	Yes
		3. Analyser should be equipped with moisture removal facility and capable of continuous operation for at least 30 minutes or more.	Complied	Analyser would be equipped with moisture removal facility and capable of continuous operation for at least 30 minutes	Available	Yes
		4. There shall be display on the status of life of sensors and any other faults or alarms.	Complied	There shall be display on the status of life of sensors and any other faults or alarms.	Yes, display on the status of life of sensors and any other faults or alarm is available.	Yes
		5. The Analyser should be provided with appropriate suction pump, along with all essential accessories like dust filter element, moisture filter element etc. necessary Consumables for 3-years troubles free operation.	Complied	The Analyser would be provided with appropriate suction pump, along with all essential accessories like dust filter element, moisture filter element etc. necessary Consumables for 3-years troubles free operation.	Yes, our Analyser will be provided with appropriate suction pump, along with all essential accessories like dust filter element, moisture filter element etc. necessary Consumables for 3-years troubles free operation.	Yes

डॉ. नारायण भूत  
 वैज्ञानिक अधिकारी  
 पोणम

डॉ. नारायण भूत  
 वैज्ञानिक अधिकारी

डॉ. नारायण भूत  
 वैज्ञानिक अधिकारी



Parameter	Range	Resolution	Accuracy	M/s Toshniwal Industries Pvt Ltd., Industrial Estate, Mahupura, Ajmer - 305002, Rajasthan		Gennext Lab Technology Pvt Ltd. Office No. 3, CSC - 5, First Floor, Gole Market, Sector 9, Rohini, Delhi - 85		Testo India Pvt. Ltd., Plot No. 23, Sind Society, Baner Road, Aundh, Pune - 411007, Maharashtra		Prism Gas Detection Pvt. Ltd., 243, Oshiwara, Industrial Centre, new link road, Goregaon (West) Mumbai - 400104	
				PUC 16-19/c & 20-22/c	Complied, PUC 16	PUC 104-110/c & 111/c	Complied in range but not mentioned about accuracy PUC 104	PUC 256-263/c & 278/c	Complied PUC 258	PUC 358-359/c & 371/c	Complied PUC 359
Oxygen (O <sub>2</sub> )	0-25%	0.10%	±0.2%	Complied, PUC 16	Complied in range but not mentioned about accuracy PUC 104	Complied PUC 258	Complied PUC 359				
Carbon Monoxide (CO)	0 - 10,000 ppm	1 ppm	±20 ppm < 400 ppm	Not Complied in range, PUC 16	Not Complied in range and accuracy not mentioned PUC 104	Resolution 1 PPM Range 0-10000 PPM Accuracy ± 10 PPM CO (0-199 ppm), ±5% of m.v. (200-2000 ppm), ±10% of m.v. (CO >2000 ppm), PUC 258	Partially Complied in accuracy PUC 359				
			±5% of reading < 2000 ppm					±500 ppm < 1%	Complied, PUC 16	Not mentioned PUC 104	Accuracy ± 10 PPM CO (0-199 ppm), ±5% of m.v. (200-2000 ppm), ±10% of m.v. (CO >2000 ppm), PUC 258
Nitric Oxide (NO)	0 - 4,000 ppm	1 ppm	±5 ppm < 100 ppm	Not Complied in range PUC 16	Accuracy not mentioned PUC 104	Complied PUC 258	Complied PUC 359				
			±5% of reading > 100 ppm					Accuracy not mentioned PUC 104	Complied PUC 258	Complied PUC 359	
Nitrogen Dioxide (NO <sub>2</sub> )	0 - 500 ppm	1 ppm	±5 ppm < 100 ppm	Not Complied in range PUC 16	Accuracy not mentioned PUC 104	Complied PUC 258	Complied PUC 359				
Sulphur Dioxide (SO <sub>2</sub> )	0 - 5,000 ppm	1 ppm	±5% of reading > 500 ppm	Not Complied in range PUC 16	Accuracy not mentioned PUC 104	Complied PUC 258	Complied PUC 359				
Carbon Dioxide (CO <sub>2</sub> )	40%	0.01%	±1%	Not Complied in range PUC 16	Not Complied, not mentioned about Accuracy and resolution is 0.1% PUC 104	Partially Complied resolution is 0.1% > 25% and accuracy is 1.5% > 25%-50% volume PUC 258	Complied in range but not complied in resolution and accuracy PUC 359				
Hydrocarbon (HC)	100 - 10,000 ppm	0.01%	±5% of reading	Complied PUC 16	Accuracy not mentioned PUC 104	Complied, Resolution is 10 PPM accuracy ± 2% PUC 258	Measurement range is 0-5% volume, Complied in Resolution and Accuracy				
Efficiency	0 - 100%	0.10%	±1%	Complied PUC 16	Not Mentioned PUC 104	Complied PUC 258	Complied PUC 358				

Note : For the preparation of comparative statement of specification, specified parameters are also considered from the brochure of quoted model enclosed with bidder document.

*[Handwritten signature]*

डॉ. नरेश कुमार शर्मा  
शैक्षणिक अधिकारी

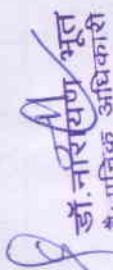
डॉ. नरेश कुमार शर्मा  
शैक्षणिक अधिकारी

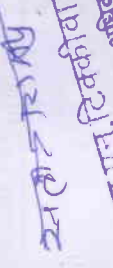
*[Handwritten signature]*




General Terms & conditions

S. No.	General Terms & conditions	M/s Toshniwal Industries Pvt Ltd., Industrial Estate, Makhapura, Ajmer - 305002, Rajasthan	Gennext Lab Technology Pvt. Ltd. Office No. 3, CSC - 5, First Floor, Gole Market, Sector 9, Rohini, Delhi - 85	Testo India Pvt. Ltd., Plot No. 23, Sind Society, Baner Road, Aundh, Pune - 411007, Maharashtra	Prism Gas Detection Pvt. Ltd., 243, Oshiwara, Industrial Centre, new link road, Goregaon (West) Mumbai - 400104
1	Bid submitted in original tender form seperately	Tender form submitted PUC 59/c. Downloaded tender document enclosed (PUC 1-89/c).	Tender form submitted PUC 99/c. Downloaded tender document enclosed PUC /90-151/c)	Tender form submitted PUC 275-276/c. Downloaded tender document enclosed PUC 152-310/c)	Tender form submitted PUC 376/c Downloaded tender document enclosed (PUC 311-381/c)
2	Submission of Tender fees Rs. (DD no./cash receipt no. & date)	Deposited DD no. 019873 of amount 1000.00 (PUC 89/c) but deposition status may be verified Account Cell	Deposited DD no. 003712 of amount 1000.00 (PUC 151/c) but deposition status may be verified Account Cell	Deposited DD no. 101070 of amount 1000.00 (PUC 310/c) but deposition status may be verified Account Cell	Deposited DD no. 028610 of amount 1000.00 (PUC 381/c) but deposition status may be verified Account Cell. <b>DD for processing fees to RISL not submitted.</b>
3	Submission of the Earnest Money fees Rs. (DD no./cash receipt no. & date)	Deposited DD no. 019875 of amount 31,500.00 (PUC 87/c) but deposition status may be verified Account Cell	Deposited DD no. 003711 of amount 1,26,000.00 (PUC 151/c) but deposition status may be verified Account Cell	Deposited DD no. 101069 of amount 1,26,000.00 (PUC 310/c) but deposition status may be verified Account Cell	Deposited DD no. 028608 of amount 1,26,000.00 (PUC 380/c) but deposition status may be verified Account Cell
4	Discount of 75% in EMD for S.S.I. Units of Rajasthan	DIC certificate PUC 80/c	NA	NA	NA
5	Warranty:- comprehensive warranty for period of 60 months starting from date of successful commissioning of the instrument. The comprehensive warranty includes maintenance of equipments including spare parts etc except consumables.	comprehensive warranty period will be 60 months starting from date of successful commissioning of the instrument. The comprehensive warranty includes maintenance of equipments including spare parts etc except consumables PUC 24/c	Warranty 5 years PUC 146/c.	Admitted in Sealed tender document PUC 196/c	Not provided
6	Demonstration of equipments:- The bidder has to demonstrate equipments after submission of bid.	Not Mentioned	Not Mentioned	Admitted in sealed and signed tender document PUC 175/c	Not Mentioned
7	Digitally signed scanned documents will be uploaded on e-procurement portal	All documents are not sealed and digitally signed.	Manually sealed and signed documents uploaded.	Manually sealed and signed documents uploaded.	All documents Neither signed nor sealed
8	The Bidder must have completed 5 years in the same business and having a average turnover of Rs. 2 crore or more in last 3 years.	DIC acknowledgement Part-II Issued on dated 07.02.2008. (PUC-80/c), CA Certified Turn Over certificate (PUC 65)	Date of commencement from Udhog Adhar 10.04.2007 PUC 132/c, CA Certified Turn over certificate not submitted.	Date of commencement from Udhog Adhar 14.06.2006 PUC 295/c. CA Certified Turn over certificate (PUC 296)	DIC acknowledgement Part-II Issued on dated 08.01.2008. (PUC-348/c), CA Certified Turn over certificate for last 3 years not submitted.


 डॉ. नारायण भूत  
 वैज्ञानिक अधिकारी



 डॉ. पी.एस. पटिल  
 वैज्ञानिक अधिकारी



 डॉ. पूजारी

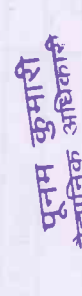





20	CA certified copy of balance sheet for last 3 years ie. 2017, 2018 and 2019	8AAACT1582B1X "A" PUC 24/c	07AACC8260DIZS, PUC 146/c	27 CCT4593LIZS, PUC 308/c	27AAAACP5821DIZQ, PUC 351/c
21	Photocopy of IT returns of last 3 years	Submitted CA certified copy of balance sheets for the year 2017, 2018 and 2019 at PUC 48/c - PUC 50/c	Submitted CA certified copy of balance sheets for the year 2017, 2018 and 2019 at PUC 135/c, 138/c, 141/c	Submitted CA certified copy of balance sheets for the year 2016, 2017 and 2018 PUC 301/c, 303/c, 305/c	CA certified copy of balance sheet for 3 years ie. 2016, 2017, 2018 submitted PUC 328, 330, 336/c but balance sheet for year 2019 not submitted
22	Document related to successful completion of bids of Govt. / Semi Govt. / PSU	Submitted copy of IT returns for 2 years 2017-18, 2019-20 at PUC 40/c - PUC 42/c	Submitted copy of IT returns for 3 years 2017-2018, 2018-2019, 2019-2020 at PUC 133/c, 136/c, 139/c	Submitted copy of IT returns for 3 years 2017-2018, 2018-2019, 2019-2020 at PUC 297-299/c	Copy of IT returns for last 3 years not submitted but for year 2015-2016, 2016-2017 submitted at PUC 341-342/c
		Related Copies Enclosed PUC 1-10/c PUC 27-39/c.	Related Copies Enclosed PUC 114/c - PUC 123/c.	Related Copies Enclosed PUC 239/c - PUC 250/c, PUC 200-202/c.	Related Copies Enclosed PUC 311/c - PUC 325/c,

  
 (हिनारायण भूत)  
 डॉ. नारायण भूत  
 वैज्ञानिक अधिकारी

  
 ए.एन. टिक्कीवाल  
 श्रीमती वैज्ञानिक अधिकारी

  
 पूनम कुमारी  
 वैज्ञानिक अधिकारी

  
 विष्णु दत्त पुरोहित  
 कार्यवाहक अभियन्ता