

Sr. No.	Specification	Requirement	M/s ABN Equipments & Systems Pvt. Ltd.	M/s AGG Lifesciences and Safety Solutions LLP	M/s Cinque Solutions Pvt. Ltd.
1	Service	Measurement of O ₂ in ambient and from confined space.	Yes	Yes	CONFIRM
2	Range	0 - 25 % vol.	0-30% Vol	Yes	to 25 VOL%
3	Resolution	≤ 0.1 % vol.	0.1% Vol	Yes	0.1 Vol%
4	Repeatability	± 2 % of full scale	0.7 % O ₂ for 0 – 30 % O ₂	Yes	Confirm
5	Response time	less than 30 sec (T90)	Yes	Yes	Confirm
6	Display	LCD with backlight to display gas concentration, unit, set point value (in alarm setting mode), Peak Reading, Test Status	Yes	Yes	Confirm
7	Keypad/ switch	for ACTIVATE detector, SET CALIBRATION MODE, SET ALARM values	Not required all time	Yes	Single button operation. This is done through Software. Software cable is offered.
8	Alarm	2 level alarm (audio visual alarm, user settable)	Yes	Yes	CONFIRM
		audibility: more than 85 dB at 30 cm	Yes	Yes	
		visibility: flashing LED	Yes	Yes	
9	Other Alarm Indications	Low Battery, Sensor Fault, pump fault etc.,	Yes	Yes	CONFIRM
10	Operating Temp	10 - 50 deg. C or wider range covering the mentioned range.	Yes, Operating Temp - 40°C to +60°C	Yes	CONFIRM
11	Weight	less than 400 grams (with pump) with battery	Yes	Yes, its better, weight only less than 185 gram	328 grams
12	power	Rechargeable battery for minimum 6 hrs. continuous operation with pump, Charger operable with 230 V AC, 50 Hz to be supplied	Yes	Yes, Its better, more than 13 hours	Rechargeable Battery with 8 hrs. continuous operation
13	ingress protection	IP 65 or better	IP68	Yes, its better, IP65/68	IP66
14	Hazardous area class	suitable for Zone-1, Group- II A, II B	Yes	Yes	Zone 0, Group A, B, C & D.
15	Approval	UL/ATEX/CSA/MSHA/CMRI/DGMS/PESO	ATEX / PESO	Yes, ATEX	ATEX/UL/CSA/PESO

Sr. No.	Specification	Requirement	M/s ABN Equipments & Systems Pvt. Ltd.	M/s AGG Lifesciences and Safety Solutions LLP	M/s Cinque Solutions Pvt. Ltd.
16	Calibration	single point calibration feature using standard calibration gas	Yes	Yes	CONFIRM
17	Accessories	Pump/Hand Pump / aspirator, Carrying Case (anti-static), battery charger unit (for rechargeable model), 3 m Sampling hose/tubing with probe	Manual Aspirator, Carrying case, Rubberized over-mold, rechargeable battery & Charger, 3 m Sampling Line	Yes, Oxygen detector will be supplied with Manual Aspirator Pump with Probe (3m), carrying case, Charger will be provided.	CONFIRM
18	Documents	calibration certificate indicating period of validity, operating manual	Yes	Yes	CONFIRM
19	Warranty	1 year (including sensor)	Yes	Yes	Warranty is 2 years
20	Delivery condition	The successful vendor has to supply pre-calibrated detectors with calibration certificate in full quantity and provide calibration after six months during warranty period. No separate charges will be given for aforesaid calibration.	Noted	Yes	Confirm, Calibration will be provided for One year free of Cost.
	Conclusion		The offered product complies with the required specification.	The offered product complies with the required specification.	The offered product complies with the required specification.