

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 17:00:00
Bid Opening Date/Time	25-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Electronics And Information Technology
Department Name	Na
Organisation Name	Centre For Development Of Advanced Computing (c-dac)
Office Name	Mohali - Punjab
Total Quantity	1
Item Category	oxygen concentrator
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	70000

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Oxygen Concentrator (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Flow Rate	Flow Rate (Minimum) at 93% + - 3% oxygen purity (Litres per minute)	5	5
Type	Type of Oxygen Concentrator	Portable	*
Oxygen outlet and pressure and tank capacity	Oxygen outlet(s)	Single or Dual	Single or Dual
	Outlet pressure (KPa)	75	*
	Oxygen Concentration monitor available	Yes	*
	Oxygen tank capacity (Ltrs)	5	5.0 - 25.0 Or higher
Power Source and Battery	Power Source	Electrical Operated	Electrical Operated
	Average Power Consumption (Watt)	500	*
	Power Efficiency (W/LPM)	-	*
	Battery duration in hours (If Battery operated or Electrical cum Battery operated)	3	3, 6, 9, 12 Or higher
	Battery Charging (If Battery operated or Electrical cum Battery operated) (Hrs)	2	*
operating temperature humidity and altitude	Operating temperature Range	(from 12 degree C to 32 degree C or better for portable type	*
	Operating humidity up to 95%	Yes	*
	Operating altitude Range up to (in meters) above sea level	500	500.0 - 10000.0 Or higher
Type of Operation	Type of operation	Continuous Flow Type	Continuous Flow Type
Air Delivery	Adjustable Air Delivery mechanism	Yes	*
	Continuous flow rate (Litre per Minute) up to	5	*
Noise Level	Noise Level (dB)	Less than 40 db	Less than 40 db
Alarms and Alerts	Digital Display	LED	*

	Audio Alarm	YES	*
	Visual Alarm	YES	*
	Alert of technical fault	YES	*
	Alert of wrong Battery	YES	*
	Alert of Depleted Battery	YES	*
	Alert of high Breath rate	YES	*
	Alert of low oxygen purity	YES	*
	Alert of No Breath	YES	*
	Alert for No flow	YES	*
	Alert for Low flow	YES	*
	Alert for High flow	YES	*
	Alert of Low Pressure	YES	*
	Alert of High Pressure	YES	*
	Alert of High temperature	YES	*
	Alert for Power failure	YES	*
	Alert for service requirement	YES	*
Weight and Dimensions	Weight (Kg)	20	Less than 20.0 Or lower
	Dimension (height) (mm)	452	*
	Dimensions (Length) (mm)	350	*
	Dimensions (Width) (mm)	521	*
Flame Retardancy	Flame Retardant	Yes	Yes
Warranty	Manufacturer warranty Period (Years)	1	1, 2, 3 Or higher
	Spare part availability	YES	*
standards and certifications	Comply with International Standards	Yes	Yes
	Name of International standards	-	*
	FDA approved	Yes	*
	Conformity to ISO 80601-2-69:2014 of the Medical Electrical Equipment –	Yes	*

	Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment		
	Availability of test report CE or EC certification (to be furnished by Seller to Buyer on demand) in accordance with Appendix II(excluding section 4) of medical device directive 93/42/EC & its amendment or equivalent	Yes	*
	Availability of Test Report(To be furnished by Seller to Buyer on demand) from Central Govt /NABL/ILAC accredited lab to prove conformity to specification	No	*
	Test report number and date	-	*
	Name and address of the Lab	-	*
specification	Continious flow setting	1 LPM	1 LPM

* 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	Daljit Singh Jolly	160071,C-DAC , A-34, Phase VIII, Industrial Area, Mohali	1	15

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.
2. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

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

---Thank You---