

### Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 14:00:00
Bid Opening Date/Time	25-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Shipping
Department Name	Na
Organisation Name	Jawaharlal Nehru Port Trust
Office Name	Port Wing
Total Quantity	1
Item Category	High Flow Nasal Oxygen Therapy Unit
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

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

### High Flow Nasal Oxygen Therapy Unit ( 1 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERAL FEATURES	Product Description	High Flow Nasal Oxygen Therapy Unit	*
	Purpose	To deliver warm and humidified oxygen at high flow for the treatment of Hypoxemic patients with respiratory distress	*
	Application	Compliant for use on patients in ICU, wards, emergency department as well as for patients on home oxygen therapy	*
	Patient Application	Single system for treating infants, pediatric and adult patients	*
PRODUCT INFORMATION	Delivers	Warm and Humidified Oxygen	*
	Flow generator	In-built	*
	Delivery range	2 to 60 litres/minute	*
	Flow range of generator for Pediatric mode	2 - 25 litres/minute	*
	Flow range of generator for Adult mode	10 - 60 litres/minute	*
	Air/oxygen blender	In-built	*
	FiO2 monitoring	Yes	*
	Delivery range of oxygen concentration (FiO2)	21% to 100 %	*
	Accuracy for FiO2	± 2.5 %	*
	Air source	Inbuilt without need for external compressor	*
	Humidifier	Integrated heated humidifier	*
	Humidity	> 33 mg/L at 37° C Target and > 10 mg/L at 34° C & 31° C Target	*
	Max temperature of delivered gas	43	*
	Patient Interface	Nasal cannula	*

	Disinfection of device	Thermal Disinfection mode	*
	Heated disinfection tube for sterilization of the device provided	Yes	*
	Provided with a flow meter assembly with clamp and markings to read flows above 60 liters along with a high pressure tubing to connect with an oxygen source	Yes	*
	Provision of External SD card slot	No	*
	Storage of records	NA	*
	Salient Features	NA	*
DISPLAY	Type of display	LCD Color Display	*
	Parameters monitored and displayed	Flow,FiO2,Temperature ,Humidity,Faults	*
ALARMS	Alarms available	Tubes disconnect leaks alarm,Tube blockages alarm,Mismatching of tubes (Adult vs Pediatric) alarm,Alarm for oxygen concentration high and low,Hardware fault alarm with error codes,Power failure alarm,Alarm for low water level before the water completely dries out in the humidifier	*
	Type of alarm indication	Both audible and visual alarms	*
ACCESSORIES	Accessories provided	One trolley/Pole with castors having a mounting platform/tray and a rack	*
	Material of Pole/Trolley	Mild Steel	*
	Number of hooks in the pole	2	*
	Number of castor wheels in the pole	4	*
CONSUMABLES	<b>Consumables provided</b>	Breathing circuit (Adult),Breathing circuit (Pediatric),Humidification chamber,Adult nasal	Breathing circuit (Adult), Breathing circuit (Pediatric), Humidification chamber, Adult nasal

		cannula,Pediatric nasal cannula,Air filters	cannula, Pediatric nasal cannula, Air filters
	Number of Breathing circuit (Adult)	50	*
	Number of Breathing circuit (Pediatric)	50	*
	Number of Humidification Chamber	50	*
	Number of Adult Nasal cannula of assorted sizes	50	*
	Number of Paediatric Nasal cannula of assorted sizes	50	*
	Material of Nasal cannula	kink proof material and having adhesive wiggle pads to stick on skin care	*
	Number of Air filters	NA	*
ELECTRICAL REQUIREMENTS	Power Source	230 ± 10 Volts AC / 50 Hz	*
OPERATING & STORAGE ENVIRONMENT	Minimum operating temperature	-	*
	Maximum operating temperature	-	*
	Maximum operating relative humidity	-	*
	Minimum storage temperature	-	*
	Maximum storage temperature	-	*
CERTIFICATIONS & REPORTS	Availability of conformity certificate/test report of the equipment from OEM to prove conformity to the declared specifications	Yes	*
	Product certifications	US-FDA,EU-CE (from notified body)	*
	Manufacturer certifications	ISO: 13485 (Latest)	*
	Protection against electric shock	Class II type protection against electric shock	*
	Compliance to other safety standards	IEC-60601-1	*

	Ingress Protection Rating	IP 21	*
	Submission of all necessary certifications, test reports to the buyer along with supplies	Yes	*
INSTALLATION & TRAINING	Supplier to perform installation, safety and operation checks before handover	Yes	*
	The supplier/vendor shall provide free of cost training to the personnel in operation	Yes	*
WARRANTY	Onsite comprehensive warranty	2	*
ADDITIONAL REQUIREMENTS	OEM/Reseller shall ensure uninterrupted availability of all spares and components for atleast 5 years from the date of purchase	Yes	*
	User/Technical/Operating/Maintenance manuals to be supplied in English in hard and soft copy	Yes	*
	Product catalog, technical write up in English to be provided both in hard and electronic copies	Yes	*
	Details of equipments and procedures required for local calibration and routine maintenance to be supplied	Yes	*
	The Principal Manufacturer must have direct Presence/approved service center In India	Yes	*
	Time to provide temporary backup support in case of malfunction/breakdown	within 48 hrs	*
	Additional requirement	NA	*

\* 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	Sudhir Suresh Rao Shahapur	400707, Main Stores, Jawaharlal Nehru Port Trust, Sheva, Navi Mumbai	1	15

#### **Bid Specific Additional Terms and Conditions**

1. 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---**