

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 22:00:00
Bid Opening Date/Time	27-07-2020 22:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	15 (Days)
Ministry/State Name	Ministry Of Fisheries Animal Husbandry Dairying
Department Name	Department Of Animal Husbandry And Dairying
Organisation Name	Na
Office Name	New Delhi
Total Quantity	1
Item Category	air compressors
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.

Air Compressors (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
PRIME MOVER	Type of Prime Mover	TEFC (Totally Enclosed Fan - Cooled) Electric Motor	TEFC (Totally Enclosed Fan - Cooled) Electric Motor, SPDP (Screen Protected Drip Proof) Electric Motor, Diesel Engine Naturally Aspirated,

		Diesel Engine Turbo Charged
Power Supply	Three Phase, 415 \pm 10% V AC, HZ	Single Phase, 230 \pm 10% V AC, 50 Hz, Three Phase, 415 \pm 10% V AC, HZ
Type of Drive	Belt Drive	Direct Drive, Belt Drive, Gear Drive
"Engine oil capacity (May indicate '0' if Not Applicable)"	-	*
"Fuel Tank capacity (May indicate '0' if Not Applicable)"	-	*
Make of Engine	-	*
Model Number of Engine	-	*
Power Rating of Prime Mower	-	*
Prime Mover complies to latest CPCB norms	NA for Electric motor	*
COMPRESSOR	Type of Air Compressor	Positive displacement - Reciprocating Piston Type
		Positive displacement - Reciprocating Piston Type, Positive displacement - Rotary Screw Type
	Duty Cycle	Continuous
		Continuous, Intermittent
	Type of Mounting	Tank Mounted
		Tank Mounted, Base Mounted, Skid Mounted, Trailer mounted
	Number of Stages for compression	Two
		Single, Two, Three, Four, Five
	Cooling System	Air Cooled
		Air Cooled, Water Cooled
	Lubrication Type	Oil Lubricated
		Oil Lubricated, Oil-Free
	Inter Cooler	With
		With, Without
	After Cooler	Without
		With, Without
	Moisture separator	Without
		With, Without
	Oil Separator	Without
		With, Without
	Oil Cooler	Without
		With, Without
	Refrigerated Dryer	Without
		With, Without
	Heatless Dryer	Without
		With, Without
	Air Filter	With
		With, Without
	Rated Discharge Pressure (kg/cm²)	12.0 to 12.9
		*
	Gauranteed Free Air Delivery (FAD) at rated Pressure (Test procedure as per IS: 5456 - latest / ISO: 1217 - latest(CFM))	48
		*
	Discharge Air Purity in respect of Solid Particles (as per ISO 8573-1 - latest)	NA
		NA, CLASS X, CLASS 7, CLASS 6, CLASS 5, CLASS 4, CLASS 3, CLASS 2, CLASS 1, CLASS 0 Or higher
	Discharge Air Purity in respect of humidity and	NA
		*

	liquid water (as per ISO 8573-1 - latest		
	Discharge Air Purity in respect of total Oil (as per ISO 8573-1 - latest	NA	NA, CLASS X, CLASS 4, CLASS 3, CLASS 2, CLASS 1, CLASS 0 Or higher
	Noise level in dB	80	*
	conformity to Standards	IS: 5456 - latest	*
	Compressor - ISI Marked to IS: 5456 - latest	No	Yes, No
	"If ISI marked, BIS License number (CM/L No) (May indicate '0' if Not Applicable)"	-	*
BATTERY	Battery Type & Specification	NA	*
	"Battery capacity (Ah) (May indicate '0' if Not Applicable)"	0	*
	"No of batteries required for operation (May indicate '0' if Not Applicable)"	0	*
	"No of batteries (inclusive in the scope of supply) (May indicate '0' if Not Applicable)"	0	*
	Availability of Test Report for Battery as per conforming specification	NA	Yes, No, NA
AIR RECEIVER	Air Receiver Supplied with Compressor	Yes	Yes, No
	Layout of Air Receiver	Horizontal	*
	Conformity to Indian Standard	Generally conforming to IS 7938 - latest	*
	Capacity of Air Receiver (Liters)	500	*
	"Maximum Working Pressure (May indicate '0' if Not Applicable)"	12	0 - 60
INTER COOLER / AFTER COOLER	Type of Inter Cooler / After Cooler	Shell and Tube Type	Shell and Tube Type, Plate Type, Shell and Plate Type, NA
	Design of Tube / Plate of Inter Cooler / After Cooler	Finned	Finned, Smooth Wall, NA
	Material of Shell	Carbon Steel	Carbon Steel, Stainless Steel, NA
	Material of Tube / Plate	Copper Alloy	Carbon Steel, Stainless Steel, Aluminium Alloy, Copper Alloy, NA
	Material of Fin	Carbon Steel	Carbon Steel, Stainless Steel, Aluminium, Copper, NA
TRAILER	Trailer	Without	With, Without
	"Weight of Trailer with draw bar (May indicate '0' if Not Applicable)"	0	*

	"No of wheels (May indicate '0' if Not Applicable)"	0	*
	Type of wheel Tyre	NA	*
	"Wheel Tyre size (May indicate '0' if Not Applicable)"	0	*
	"Trailer Complying to CMVR act and Regulation supplied (Note: Mandatory with Mobile air compressor)"	NA	*
Instrumentation and safety devices	Instrumentation and safety devices	Safety Valve on air/oil separator vessel,Unloaded Valve,Discharge pressure gauge,Lubricating oil pressure gauge,High air discharge pressure safety switch,High air discharge temperature safety switch,Power-'On-off' light indicator,Mains Circuit Breaker,Pressure gauges for each interstages manifold and for final air discharge,Safety Valve on Air Receiver	*
OPERATING CONDITIONS	Minimum Operating Temperature	5	-10, -5, 0, 5, 10 Or lower
	Maximum Operating Temperature	50	50, 55, 60, 65, 70 Or higher
	Operating Humidity, Rh at 40 deg C	65	65, 70, 75, 80, 85, 90, 95 Or higher
	Maximum Altitude without derating correction	1000	*
WARRANTY	Warranty on Compressor Equipment	1	1, 2, 3, 4, 5 Or higher
	"Warranty on Air End (May indicate '0' if Not Applicable)"	0	0, 1, 2, 3, 4, 5 Or higher
	Warranty on Prime Mover	1	1, 2, 3, 4, 5 Or higher
	Warranty on Battery	0	1, 2, 3, 4, 5, 0 Or higher

* 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	Delivery Schedule (In number of days from contract start days)		
1	Runtu Gogoi	125001,Post Box No-10 Hisar (Haryana)	Quantity	Delivery to start after	Delivery to be completed by
			1	3	5

Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Only supply of Goods
- 2.Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

---Thank You---