

RA Document

| RA Details | |
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| RA Technical End Date/Time | 24-07-2020 22:00:00 |
| RA Opening Date/Time | 24-07-2020 22:30:00 |
| RA Life Cycle (From Publish Date) | 90 (Days) |
| RA Offer Validity (From End Date) | 30 (Days) |
| Ministry/State Name | Gujarat |
| Department Name | Health & Family Welfare Department Gujarat |
| Organisation Name | N/a |
| Office Name | Health Branch District Panchayat Junagadh |
| Total Quantity | 5 |
| Item Category | air compressors |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Inspection Required | No |

EMD Detail

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| Required | No |
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ePBG Detail

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| Required | No |
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Splitting

RA splitting not applied.

Air Compressors (5 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|---------------|--------------------|--------|----------------------------------|
|---------------|--------------------|--------|----------------------------------|

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| 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, NA |
| | 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 | Without | With, Without |
| | After Cooler | Without | With, Without |
| | Moisture separator | Without | With, Without |
| | Oil Separator | With | With, Without |

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| Oil Cooler | Without | With, Without |
| Refrigerated Dryer | Without | With, Without |
| Heatless Dryer | Without | With, Without |
| Air Filter | Without | With, Without |
| Rated Discharge Pressure (kg/cm2) | 28.0 to 28.9 | * |
| Gauranteed Free Air Delivery (FAD) at rated Pressure (Test procedure as per IS: 5456 - latest / ISO: 1217 - latest(CFM) | 12 | * |
| 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 liquid water (as per ISO 8573-1 - latest | NA | * |
| 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 | 76 | * |
| conformity to Standards | IS: 11465 - 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 | 0 |

| | | | |
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| | Applicable)" | | |
| | 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 | NA | * |
| | Capacity of Air Receiver (Liters) | 270 | * |
| | "Maximum Working Pressure (May indicate '0' if Not Applicable)" | 12 | 0 - 60 |
| INTER COOLER / AFTER COOLER | Type of Inter Cooler / After Cooler | NA | Shell and Tube Type, Plate Type, Shell and Plate Type, NA |
| | Design of Tube / Plate of Inter Cooler / After Cooler | NA | Finned, Smooth Wall, NA |
| | Material of Shell | NA | Carbon Steel, Stainless Steel, NA |
| | Material of Tube / Plate | NA | Carbon Steel, Stainless Steel, Aluminium Alloy, Copper Alloy, NA |
| | Material of Fin | NA | Carbon Steel, Stainless Steel, Aluminium, Copper, NA |
| TRAILER | Trailer | Without | With, Without |
| | "Weight of Trailer with draw bar (May indicate '0' if Not Applicable)" | 192 | * |
| | "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 | Instrumentation and | Safety Valve on air/oil | * |

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| safety devices | safety devices | separator vessel,Unloaded Valve,Discharge pressure gauge,Lubricating oil pressure gauge,Lubricating oil delivery temperature gauge,Discharge temperature gauge,Hour meter for recording running hours,Differential pressure gauge for lubricating oil filter,Differential pressure gauge for oil separator elements,High air discharge pressure safety switch,High air discharge temperature safety switch,Clogging indicator for air suction filter,Low water pressure safety switch,High cooling water temperature safety switch,Power-‘On-off’ light indicator,Voltmeter,Ammeter,Tachometer ,Mains Circuit Breaker,Light Switches,Battery Charging indicator,Lubricating oil low pressure alarm,Trip for Lubricating oil low pressure,Trip for cooling water flow failure,Pressure gauges for each interstages manifold and for final air discharge,Safety Valve on Air Receiver | |
| OPERATING CONDITIONS | Minimum Operating Temperature | 10 | -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 | 500 | * |

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| WARRANTY | Warranty on Compressor Equipment | 1 | 1, 2, 3, 4, 5 Or higher |
| | "Warranty on Air End (May indicate '0' if Not Applicable)" | 1 | 0, 1, 2, 3, 4, 5 Or higher |
| | Warranty on Prime Mover | 1 | 1, 2, 3, 4, 5 Or higher |
| | Warranty on Battery | 1 | 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

Consignee/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days | |
|-------|-------------------------------------|--|----------|---------------|-----|
| 1 | Radadiya Harsukhbhai Fulabhai | 362001,HEALTH BRANCH DISTRICT PANCHAYAT OPPOSITE SHASHI KUNJ NEAR SARDAR BAUG | 5 | 30 | N/A |

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---