

Bid Document

Bid Details	
Bid End Date/Time	09-07-2020 18:00:00
Bid Opening Date/Time	2020-07-09 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Contracts And Materials
Organisation Name	Ntpc Ltd
Office Name	Western Region I Shared Services Centre
Total Quantity	1
Item Category	High Pressure Breathing Air Compressor Motor Driven
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	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Pre Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Quality Assurance Plan document	1593255436.pdf

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

High Pressure Breathing Air Compressor Motor Driven (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Objective of Portable High Pressure Breathing Air Compressor 9-10 cfm Motor Driven	Portable High Pressure Breathing Air Compressor Motor Driven for SCUBA Diving, Fire Fighting & Rescue Services Industrial Breathing Air Safety System ,Military,Paintball High Pressure Pneumatic Testing of Valves and similar components	Portable High Pressure Breathing Air Compressor Motor Driven for SCUBA Diving, Fire Fighting & Rescue Services Industrial Breathing Air Safety System ,Military,Paintball High Pressure Pneumatic Testing of Valves and similar components
	Referred Indian Standard Specification	Generally Conforming to IS 15879 latest	Generally Conforming to IS 15879 latest
CONSTRUCTION	Selectable pressure control switch on compressor	YES	*
	Pressure switch Type	Dial Gauge Pressure Switch on Compressor	*
	Charging adapter for fire fighting	Standard DIN adapter of 300 bar for charging for fire fighting breathing apparatus cylinder	Standard DIN adapter of 300 bar for charging for fire fighting breathing apparatus cylinder
	Charging adapter for under water diving	Special adopter of 232 bar to charge under water diving breathing air cylinder	Special adopter of 232 bar to charge under water diving breathing air cylinder
	Built in Immediate and Final Pressure safety valve	YES	*
	Two charging hoses, one with adopter for 300 bar and other with adopter of 200 bar along with special adopter for 232 bar with safety valves suitable to fill two cylinders at 200 bar or	YES	*

one at 300 bar and one at 232 bar		
Repair / Tool Kit	YES	*
Compressor lubricating system	pump type	*
Provision of full range of automated controled devices to monitor both compressor and working conditions	YES	*
Start, Stop and Emergency Stop butons on control panel of compressor	YES	*
Shut-Down Switches for ease of system diagnosis and maintenance, the low oil pressure and high pressure air shut-down switches shall be equipped with suitable connectors	YES	*
Feature for auto drain of Moisture/ Oil in the system to drain in a tank at regular interval without release of Oil Contaminated air to atmosphere	YES	*
Interstage control device	YES	*
Final stage pressure gauge	YES	*
Power supply	3 phase/400-415V/50Hz	*
Prime Mover-Electrical Motor	AC electric motor be as per IS996 or IS 325 latest or equivalent standard	*
Electric Motor Power (must declare)	10	*
Type / Class of Motor enclosure	-	*
Degree of protection (IP Rating) of Motor	-	*
Spare filter cartridge	2 SETS	*
One oil Refill	YES	*
General arrangement	YES	*

	drawing to be provided		
	Commissioning and Training at site	YES	*
	Operation manual with maintenance and repair instruction to be included	YES	*
	Timer with inbuilt temp sensor for checking or indicating filter life	No	No
PERFORMANCE	Maximum Operating Pressure(must declare)	140	140.0
	Cylinder Charging Range	200 bar , 232 bar, 300 bar selectable	200 bar , 232 bar, 300 bar selectable
	Cylinder charging Rate	9-10 cmf (260 ≤ N≤ 300 lpm)	9-10 cmf (260 ≤ N≤ 300 lpm)
	Breathing air filtration system	to be provided at intake and at final point of use to ensure highest level of purity of air delivered as per DIN12021 or CGA-E or any equivalent international standard	*
	O2 concentration by volume in Breathing air (%)	21	*
	Carbon mono oxide in Breathing air (ppm)	5	*
	Watervapor in Breathing Air	35 ppm at cylinder outlet (cylinder pressure >20 MPa (g)	*
	Oil components (Condensed hydrocatbons) (mg/m³)	0.5	*
	Odour,flavour substances and taste	Free of any significant odour or taste	*
	Light weight, Rugged,Transportable equipment of modular design	YES	*
	Equipment weight (must declare)	180	180.0
	Noise level at one meter distanc (dba)	80	*
CERTIFICATION	Availability of Type Test Report to prove	YES	*

	conformity of declared parameters to the specification from any ILAC/NABL accredited/Central Govt Lab		
	Test Report Number and Date	-	*
	Name of the Lab where test Conducted	-	*
	Product Warranty (Years)	2	2
	Service Warranty for Parts from date installation (Years)	5	5

* 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	Manish Kumar Sethi	325209,NTPC Limited, Anta Gas Power Station, PO Anta	1	84

Bid Specific Additional Terms and Conditions

- 1. Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): PDI at Manufacturer's works will be done by CISF fire representative as per NTPC approved MQP.
Post Receipt Inspection at consignee site before acceptance of stores: NTPC ANTA C&M STORE
2. Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection.

Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.

3. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

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

---Thank You---