

## বিজ্ঞপ্তি

বাংলাদেশ বিমান বাহিনীর জন্য **compressor trailer (HP)/HP compressor (for free air delivery: 1200-1500 liter/minute)** এর Brand, Country of Origin and Latest Production Model প্রমিতকরণের লক্ষ্যে প্রদত্ত Technical Specification অনুযায়ী সংশ্লিষ্ট সরবরাহকারীগনের (অত্র মহাপরিদপ্তরের তালিকাভুক্ত সংস্থা সমূহ) নিকট হতে আবেদন পত্র আহবান করা যাচ্ছে। উক্ত প্রমিতকরণের জন্য আগ্রহী সরবরাহকারীগন নিম্ন স্বাক্ষরকারীর নিকট হতে Technical Specifications সংগ্রহ করে তা পূরণ করতঃ প্রমিতকরণতব্য যানবাহনের Brochure (containing all Technical Information including latest production model, brand country of origin & photograph) সহ ০২ কপি আগামী ০৭ সেপ্টেম্বর ২০২৩ তারিখের মধ্যে জমা দেওয়ার জন্য অনুরোধ করা হলো।



মাফরুহা বেগম


স্কোয়াড্রন লীডার

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তারিখ : ২ আগস্ট ২০২৩।

**TECHNICAL SPECIFICATION OF COMPRESSOR TRAILER (HP)/ HP COMPRESSOR  
(FOR FREE AIR DELIVERY: 1200-1500 LITER/MINUTE)**

Ser	Description	Specification Specified	To be Filled up by the Bidder
1.	Name of the Item	Compressor Trailer (HP)/HP Compressor.	
2.	Purpose/Utility	To be used for charging external air cylinder/bottles and pneumatic system.	
3.	Brand and Model of Compressor Trailer (HP)	To be mentioned by the bidder.	
4.	Country of origin of Compressor Trailer (HP)	USA/UK/Canada/Japan/Turkey/EU countries.	
5.	Type/ Construction	Compressor, electric motor & other components should be mounted on a base frame/chassis in robust steel construction and base frame/chassis is to be mounted on a suitable metallic trolley for towing from one place to another. (If Trolley is not required for any particular brand that should be mentioned clearly by the bidder).	
6.	Technical Data for Compressor	a. Medium: Air b. Intake condition: Atmospheric c. Inlet air temperature: 5-45 <sup>0</sup> C d. Outlet Air temperature: 10 <sup>0</sup> -15 <sup>0</sup> C above ambient air temperature. e. No of cylinders: 3 or more and No of stage: 4. f. Free air delivery: 1200-1500 liters/minute (but the bidder is to mention the actual free air delivery). g. Maximum working pressure: Not less than 350 Kg/cm <sup>2</sup> h. Quality of delivery air: Moisture free. j. Drive System: To be mentioned by the bidder. k. Cooling System: Air Cooling. l. Lubrication System: To be mentioned by the bidder. m. Shut off pressure: Maximum 350 bar. n. Low oil pressure switch: Fault trip. p. High air temperature and pressure switch: Fault trip. q. Timer for automatic condensate drain (if any).	
7.	Technical Data for Electric Motor	a. Input Power Supply: 360-400VAC, 3 Phase, 50 Hz. b. Control voltage of the system: To be mentioned by the bidder. c. Horse Power: To be mentioned by the bidder. d. Area classification: Safe	
8.	Trolley	If the Compressor is Trolley mounted (instead of self-wheel based); following should be incorporated: a. Trolley should have two axle.	





		b. 4 x pneumatic tyre.	
		c. Trolley will be able to turn with the help of towing bar and all 4 wheels. <b>Front wheel can be turned 60 degree to the right and left. The back wheels are fixed.</b>	
		d. Towing bar with self-locking and safety brake system.	
		e. Platform should be metallic.	
		f. Special surface treatment against corrosion.	
		g. Two reflectors at rear of the trolley.	
		h. Extra 01 x wheel.	
9.	<b>Standard Delivery Scope</b>	a. Intake filter with replaceable filter element.	
		b. Inter stage oil and moisture separator at each stage.	
		c. Fuel, oil and water separator with filter.	
		d. Inter stage cooler.	
		e. Oil pump for force feed lubrication.	
		f. Final pressure gauge.	
		g. Pressure maintaining and check valve after final stage.	
		h. Pressure gauges at all stages.	
		j. Operating control panel board at a suitable place.	
		k. Provision of filter clogging warning system and automatic switching off.	
		l. Temperature gauge/sensor after each stage.	
		m. Temperature gauge/sensor at delivery line.	
		n. Hour meter	
		p. Fault warning light.	
		q. Provision for keeping delivery hose with necessary fittings in a suitable compartment.	
		r. Provision for setting final pressure safety valve.	
		s. Two independent outlet with shutoff valves for simultaneous charging of two cylinders.	
		t. Automatic condensate draining/drainage system in 15 minutes interval.	
		u. Safety valve at all stage.	
		v. Fault indication light.	
		w. Tanks with condensate valve.	
10.	<b>Accessories and Manuals</b>	Following items are to be supplied with each Compressor Trailer (HP)/ HP Compressor within the quoted cost:	
		a. 2 x 30 feet long high pressure hoses with connectors on both ends.	
		b. 2 x 30 feet long high pressure hoses with connectors on both ends as spare.	
		c. The connectors should have the provision to make up with total 4 hoses together.	

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		d. One set of safety valve.	
		e. One set of spare filter.	
		f. One set of pressure sensor.	
		g. One dry chemical fire extinguisher of capacity 5-10 Kg.	
		h. 40 feet length HT (High Tension) cable (with proper rating) to connect with the commercial power source.	
11.	<b>Color of HP Compressor</b>	Manufacturer factory standard color.	
12.	<b>Weight and Dimension</b>	To be mentioned by the bidder.	
13.	<b>Standard Fittings</b>	All standard safety devices/fittings are to be incorporated (as applicable) for Compressor Trailer (HP)/ HP Compressor.	

*Sayed*  
09/08/23