

TECHNICAL SPECIFICATION FOR PROCUREMENT OF AIR TRUCK, QTY-01 EA FY (2024-2025)

Ser No	Description	Speciation Specified	To be Filled up by the Bidder
1.	Name of Major Equipment	Air Truck.	
2.	Utility/Purpose	The purpose of Air Truck is to supply compressed air (0-350 Bar) to different aircrafts and helicopters (like MiG-29B, F-7MB/FT-7B, F-7/FT-7BG/F-7BGI, K-8W, Yak-130, C-130, AN-32, L-410 aircraft and MI series, AW-119/139 and Bell-212 helicopter etc).	
3.	Type	Diesel Engine Driven.	
4.	Description	The truck should be equipped with at least 20 x Cylinder (air bottle) and mounted on an individual frame. The frame should be fixed on a prime mover chassis with nut and bolt. These air bottles would be used for supplying pneumatic system to different aircraft.	
5.	Country of Origin	USA/ UK/ Japan/ Canada/ Australia/ New Zealand/ EU Countries.	
6.	Brand and Model	To be mentioned by the bidder.	
7.	a. The supplier must specify the followings:	(1) Total number of air bottle qty 20 each (at least 20 and should be arranged horizontally).	
		(2) Total number of air bottle in each group is to be mentioned by the bidder.	
		(3) Capacity of each bottle: 50 liters (Minimum)	
		(4) Pressure contains capacity of each bottle: 350 bar or above.	
		(5) Testing pressure capacity: To be mentioned by the bidder.	
		(6) Pressure Testing capacity cycle (after how many year): To be mentioned by the bidder.	
		(7) All bottles should be interconnected by means of standard steel pipes and a manifold into a common air line with safety devices.	
		(8) Bottle should be flat bottom type.	
	b. Servicing system of compressed air bottles should have the following controllable sequence:	(1) Sequence No. 1 = 0-30 Bar.	
		(2) Sequence No. 2 = 30-55 Bar.	
		(3) Sequence No. 3 = 55-85 Bar.	
		(4) Sequence No. 4 = 85-130 Bar.	
		(5) Sequence No. 5 = 130-320 Bar.	
		(6) Sequence No. 6 = 350 Bar.	

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8.	Frame	The Truck should have a metallic frame to accommodate all air bottles. The frame must have hoisting provision to remove from truck chassis during repair/maintenance.	
9.	Cover	a. A steel made cover/enclosure must be available to protect the truck equipment against atmosphere, dust, rain, sun rays and the truck must be suitable for hot humid climate.	
		b. Air bottle body/cover should be provisioned with hoisting facilities for removal and installation from the compressed air truck.	
		c. Body should be provisioned with front (face) and side access door for easy access to the pneumatic/charging/servicing control panel for maintenance/operation.	
		d. Access door should be provisioned with lock to close and supporting hinge to open. ✓	
10.	Controlling Components Charging system	a. "External Charging Connector with Check Valve" for coupling the hose when compressed air truck is being charged with air from compressor plant.	
		b. "Filter" for separation of impurities from the compressed air supplied to air bottle during charging from compressor plant.	
		c. "Safety Valve" to protect air bottle from over charging.	
		d. "Pressure Gauge" to monitor total air pressure in charging line of air bottle.	
		e. "Stop valve" to close/open the main charging line.	
		f. "Dehumidifier Bottle" to absorb compressed air moisture.	
		g. "Vent Valve" to relief air from charging line.	
		h. 50 feet long hose with connector. The capacity of the hose should be 350 Bar & above. ✓	
11.	Controlling Components Servicing system	a. Suitable "Servicing Connector" with each group for coupling the hose pipe during supplying compressed air supplied to aircraft.	
		b. "Filter" for separation of impurities from the compressed air supplied to aircraft.	
		c. "Safety Valve" to protect servicing system against the rise of air pressure.	
		d. "Pressure Reducing Valve" to reduce the pressure to required level.	
		e. Common "Pressure Gauge" to monitor the total existing pressure.	
		f. "Stop Valve" for opening and closing the servicing system.	
		g. "Individual Stop Valve" in each group.	
		h. Hose capacity 350 Bar & above and 50 feet long with a connector. The connector should fit with the BAF aircraft adapter (like MiG-29B, F-7MB/FT-7B, F-7/FT-7BG/F-7BGI, L-39, K-8W, Yak-130, C-130, AN-32, L-410 aircraft and MI series helicopter, AW-119/139 helicopter & Bell-212 helicopter).	
		j. "Vent Valve" to relieve air after completion of servicing. ✓	

Ser No	Description	Speciation Specified	To be Filled up by the Bidder
12.	Location	Charging panel, servicing panel and instrument control panel should be located in different side of the truck to prevent any operation hazard. All panels should be incorporated with individual light for night operation and maintenance. ✓	
13.	Prime Mover Data:		
	a. Brand	To be mentioned by the bidder.	
	b. Model	To be mentioned by the bidder.	
	c. Country of Origin	USA/UK/EU/Japan/Canada/Australia/New Zealand	
	d. Engine of the Truck	Brand: To be mentioned by the bidder. Model: To be mentioned by the bidder. Country of Origin: To be mentioned by the bidder.	
	e. Engine Horse Power (HP)	Minimum 160 HP or more (But bidder is to mention the actual HP of the engine of Air Truck).	
	f. Engine displacement	To be mentioned by the bidder.	
	g. Rated RPM	To be mentioned by the bidder.	
	h. Number of Cylinder	Minimum 04 Cylinder (to be mentioned by the bidder).	
	j. Starting System	Electric or to be mentioned by the bidder.	
	k. Battery	12 or 24 VDC, 120-200 AH each (The bidder is to be mentioned the Voltage and Ampere of the offered each battery)	
	l. Fuel Consumption	Fuel consumption (KM/Litrer) to be mentioned by the bidder.	
	m. Fuel Tank Capacity	Not less than 100 liters (The bidder is to be mentioned the actual capacity of the fuel tank.)	
	n. Lightning	Head light, Fog light, Side light, Turn Indicator light, Brake light, Cabin light, Dash board light, Back gear light with alarm, number plate light and others standard fittings.	
	p. Driving Speed	To be mentioned by the bidder.	
q. Number of Gear & Reverse Gear.	To be mentioned by the bidder. ✓		
14.	Gauges/Meters	Speedometer, Kilo meter/mile meter, Fuel meter, Oil meter, Temperature gauge, Battery charging/Ammeter and other necessary meter.	
15.	Tyre and Wheels	a. Number of wheels: 06 (02 x front and 04 x rear) .	
		b. Standard tyre size: To be mentioned by the bidder.	
16.	Cooling System	Water cooled or to be mentioned by the bidder.	
17.	Driver's Cabin	a. Cabin height should be more than rear side canopy. b. The Nitrogen truck must have standard viewing mirror. c. Driver's cabin should be made of steel sheet. d. Driver's cabin must have three seats. e. Driver's cabin should have 02 x doors with locking facilities and 02 side windows. f. Interior lighting system must be fitted in the driver's cabin. g. Cabin should be air conditioned.	
18.	Driving	Right hand driving steering.	
19.	Chassis and Cabin	All steel as per international standard.	

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20.	Dimension (Length x Breadth x Height) of Truck	Standard dimension in accordance with the load but the dimension is to be mentioned by the bidder. ✓	
21.	Weight of the Truck	To be mentioned by the bidder. ✓	
22.	Wind shield and other glasses	Laminated windshield, door & rear glass of the cabin may be laminated or standard.	
23.	Metallurgical Treatment	Anticorrosive treatment on radiator, Water pump, Jackets & exposed parts prone to corrosions. ✓	
24.	Floor	All steel with synthetic rubber mat in the driving cabin.	
25.	Special Fittings	a. Towing hook front and rear.	
		b. Foot step front (left & right).	
		c. Search/flood light at suitable place for night operation & maintenance.	
26.	Accessories for Air Truck	a. 02 x Fire extinguisher.	
		b. 01 x Tool box with special tools. But the bidder is to submit a list of tools to be supplied with truck mentioning type and quality with the offer.	
		c. 01 x Additional wheel with tyre & tube.	
		d. 01 x Set Jack.	
		e. The truck must have rear view camera with appropriate display in the driving cabin.	
27.	Color	To be painted with olive color from manufacturing factory.	
28.	Safety of Hose/ Servicing pipe	Provision to accommodate the hose pipe and cover to protect it from humid climate, sun rays rain and dust etc.	
29.	Publications (in English language) for Air Truck	a. Technical manual for Prime Mover and Truck: Qty-02 Sets.	
		b. Operation, maintenance and instruction manual for Prime Mover and Truck: Qty-02 Sets.	
		c. Technical manual for Air charging system: Qty-02 Sets	
		d. Operation, maintenance and instruction manual for Air charging system: Qty-02 Sets.	
		e. Standard catalogue for Air Truck: Qty-02 Sets.	
		f. Standard catalogue for Air charging system: Qty-02 Sets.	
		g. Standard parts catalogue for body and chassis of truck (Prime Mover): Qty-02 Sets.	
		h. Repair and Workshop manual for truck: Qty-02 Sets.	
		j. Repair and Workshop manual for Air charging system: Qty-02 Sets.	
		30.	List of schedule Maintenance Items for Air Truck
a. Oil Filter qty-04			
b. Fuel Filter qty-06			
c. Air Filter qty-04			
31.	Standard Fittings	a. All safety devices are to be incorporated as per the international standard.	
		b. All types of fittings are to be done by the manufacturer as per the requirement of the user.	
		c. Any other things required to operate the Air Truck smoothly to be provided by the supplier within the quoted price.	

**TECHNICAL TERMS & CONDITIONS FOR PROOCUREMENT OF TECHNICAL TERMS AND
CONDITIONS FOR PROCUREMENT OF AIR TRUCK FY (2024-2025)**

The bidder is to mention "Comply/Not Comply/Appropriate Remarks against each terms & condition mentioned below. Otherwise the quotation will not be accepted.		
Ser No	Description	To be Filled up by the Bidder
1.	Authorization certificate (original) in favor of the Principal by the OEM is to be submitted along with the offer in English language.	
2.	Authorization certificate (Original) in favor of the local agent by the principal is to be submitted alongwith the offer in English language.	
3.	The supplier/ manufacturer is to provide Original Equipment Manufacturers (OEM) certificate mentioning the date (month and year) of manufacturing of the Air Truck in English language.	
4.	The supplied Air Truck should be capable of operating in all-weather condition. A certificate in this regard is to be submitted along with the offer in English language.	
5.	The bidder is to mention in the offer whether the manufacturer is ISO certified or not. A certificate in this regard is to be submitted along with the offer in English language.	
6.	A complete set of tool kit and all accessories are to be supplied along with the Air Truck for full range operations within the quoted price. In this regard, a list of tool kit and all accessories is to be submitted along with the offer.	
7.	The bidder is to quote the cost of fast and slow-moving consumable spares separately which will be required for the first two years of maintenance. BAF will have the option to accept/reject part or entire list of the spares. ✓	
8.	Original technical brochure/booklet of the Air Truck is to be submitted along with the offer in English language. Offered technical specifications must conform to the specifications mentioned in the submitted brochure/catalogue. Fax /photocopy/ hand-written offer/ catalogue/ brochure and catalogue without marking/ signing will not be considered. ✓	
9.	All types of marks/indications/instruction must be engraved in English language on the body of the Air Truck. ✓	
10.	Three copies of operation and maintenance manual including soft copies are to be supplied along with Air Truck in English language by the bidder. The supplied manual must contain construction of the Air Truck, operation, safety procedure, storage condition and serviceability ensuring procedures. ✓	
11.	Item must be brand new, unused and latest product (not earlier than the year of 2024) with necessary accessories and standard fittings. ✓	
12.	The supplier/manufacturer is to provide Quality Assurance Certificate of the Air Truck in English language. ✓	
13.	Hand-written offer and any written clarification will be rejected. It must be typed and printed in the original pad of the manufacturer, principal and local agent duly signed by the authority.	
14.	Delivery of the Air Truck is to be completed within 300 days after signing the contract. ✓	
15.	The item/items must be supplied in standard Air/Sea worthy packing. ✓	
16.	The bidder is to provide following publications including soft copy in English language with the equipment free of cost. a. Operation and technical manual. b. Maintenance, troubleshooting and repair manual. c. Illustrated Parts Catalogue (IPC) of all supplied Air Truck. ✓	
17.	The port of shipment must be from the manufacturer's country. ✓	

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Ser No	Description	To be Filled up by the Bidder
18.	The supplier/manufacturer is to submit the list of spares required for 10 years operations after warranty period. Supplier will also provide a guarantee of availability of spares of the Air Truck in local market for 10 years. A guarantee certificate in this regard is to be submitted along with the offer in English language.	
19.	After-sales service should be available with the local agent of the supplier and is to be provided as and when required for 10 years (free of charge up to the warranty period and thereafter on payment). A guarantee certificate in this regard is to be provided by the local agent along with the offer in English language.	
20.	A Warranty/Guarantee for 24 months is to be provided by the supplier from the date of acceptance of the Air Truck in BAF. The period of warranty will stop from the date of reporting discrepancy. The period of warranty will resume after receipt of serviceable/replaced Air truck to make the total warranty period of 24 months. /	
21.	If the Air Truck or any parts of the Air Truck is found unserviceable/unsuitable/damaged/defective during pre-receipt inspection or after receipt or within the warranty/guarantee period, the supplier is to replace the same at his own cost and charges within 60 days from the date of such reporting. Periods of unserviceability for more than 60 days will be added to the total warranty period. ✓	
22.	Pre-Shipment Inspection (PSI) of the vehicle will be carried out by 02 x BAF personnel {01 x Engineering Officer and 01 x BAF technician of E&I (elec) trade} for the duration of 05 working days (excluding journey period) at least 60days before date of shipment. All cost related to PSI team including both ways air ticket, food and accommodation and other related charges will be borne by BAF. However, the supplier is to arrange local transport, medical and all the admin formalities of the team. The supplier is to extend all possible assistance to the team for checking the documentation including physical checking of the vehicle. The supplier should inform about the date of the pre-shipment inspection at least 08 weeks prior to the exact date of carrying out the pre-shipment inspection. During PSI, following will be checked: a. Visual inspection of the vehicle. b. Functional check of the vehicle as per technical specification. c. Documentation (log book, quality certificate etc) as per the contract./	
23.	Post Shipment Inspection/acceptance of the Air Truck will be carried out at BAF site in presence of representative of supplier's specialist/representative of local agent and representatives of BAF. In the process of post- shipment inspection/acceptance, the following shall be checked. a. Visual inspection of the Air Truck. b. Documentation: i. Shipping invoice/documents mentioning the name of the ship and port. ii. Manufacturer's certificates stating that the Air Truck is manufactured by them. iii. Quality certificate of the Air Truck duly signed by the manufacturer's quality inspector and the year of production is to be mentioned in the Quality Certificate. iv. All relevant manuals of individual equipment. c. Performance test of all the equipment (as applicable).	

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Ser No	Description	To be Filled up by the Bidder
24.	Practical and theoretical training for 05 working days on construction, operation, maintenance, troubleshooting and storage procedure of the supplied equipment is to be carried out locally for a group of BAF personnel by the supplier's own expert. The cost of training is to be quoted separately. BAF will have the option to accept/reject the training.	
25.	All the expenses including food, accommodation, medical etc of the supplier's specialists while staying at Bangladesh for imparting local training will be borne by the supplier. However, BAF may provide internal transportation only.	
26.	Bidders are to submit their Financial Offer (price quotation) in the offer separately mentioning as follows. a. Price of Air Truck including freight charge. b. Cost of training (which will be included in the financial part of the contract. BAF has the option to accept/reject the training).	
27.	The bidder is to deliver the Air Truck at 201 MU, BAF within one month after customs clearance at Chattogram by the Embarkation Unit, BAF. The Air Truck is to be brought from Chattogram to Dhaka by the supplier's/ local agent's expense and arrangement	
28.	Lowest technically accepted bidder will be selected considering the offered price of the following items: a. Price of Air Truck. b. Quoted price for local training.	
29.	Part-shipment and part-payment of the Air Truck will not to be accepted.	
30.	Original offer (with proper signing at every page) along with original brochure in English (02 x original copies for DGDP and 01 x original copy for Directorate of Supply and 01 x copy for Directorate of Engineering) of Air Truck having all the relevant information including color photographs of the Air Truck and equipment along with details of technical information with proper marking and sign, name, designation, telephone number, fax number, email and mail address must be submitted.	
31.	The bidder is to mention comply/not comply/appropriate remarks against each clause/serial-number of the Technical Specification and Terms & Conditions as per the sequence. Mentioning 'Comply' against any tender specification will be considered that the bidder is fully agreed with the requirement of that particular clause.	
32.	BAF may disqualify a bidder/supplier without any notice who has previous record of poor performance such as abandoning the job, not properly completing the contract, significant delay to supply the contracted items, litigation history of financial failures and non-submission of required certificates/ documents with the offer.	
33.	In case of failure to supply the contracted goods within stipulated time, BAF may cancel the contract.	
34.	BAF has right to reduce or increase, the quantity of equipment/items at any stage before concluding the contract.	
35.	No price increment at any stage after submission of offer will be accepted by BAF.	
36.	Offer must remain valid till 30 June 2025 of the tender. Within the validity of the offer, withdrawal of offer or showing unwillingness to deliver the items by the bidder will not be accepted and in such cases subsequent action would be taken against the bidder as per DGDP rules.	
37.	Any other terms and conditions not covered here will be dealt with as per DGDP rules and regulations.	

MISC TERMS & CONDITION OF PROC OF AIR TRUCK QTY-01 EA IN FY 2024-2025

The bidder is to mention "Comply/Not Comply/Appropriate Remarks against each terms & condition mentioned below. Otherwise the quotation will not be accepted.		
Ser No	Description	To be Filled up by the Bidder
01.	The bidder must mention the full address including Telephone number, Fax number and e-mail address in the offer. The bidder also mentions the name and full address (including Telephone number, Fax number and e-mail address) of the local agent (if any) in the offer.	
02.	Item with changed/ dissimilar part no/ description (if any) is to be mentioned during submission of offer.	
03.	If any change is required in contract/ LC due to fault of supplier, all expenses shall have to be borne by the supplier.	
04.	Normally transshipment is not allowed. However, if the bidder needs transshipment they are to mention in the offer about their requirement. In case of such requirement, the transshipment may only be allowed under single AWB/ BL.	
05.	The bidder is to mention the name of port/country of shipment in the offer.	
06.	Increase of price at any stage after submission of offer will not be accepted by BAF. The offered unit price and total price against each item must be correct. If the unit price or total price of an item is found incorrect, that unit price or total price will be taken into consideration which will be benefited to BAF.	
07.	The bidder is to quote FCA/ FOB cost and freight charges (by both air and sea) separately & clearly in financial offer. If freight is not quoted separately for each item, total freight will be distributed against each item based on its proportionate FCA/FOB cost of all items. Any price/ cost quoted in the pages of quotation other than financial offer will not be considered.	
08.	For failure to supply the contracted goods in time, DGDP/ BAF may cancel the contract with necessary punitive action.	
09.	Offer must remain valid till 30 June 2025 from the date of opening the tender. Within the validity of the offer, withdrawal of offer or unwillingness to sign the contract by the bidder will not be accepted and in such cases action would be taken against the principal supplier and local agent as per DGDP rules.	
10.	Delivery schedule mentioned in the tender specifications may be changed by DGDP/ BAF due to delay in concluding the contract. In this case, the contract would be signed within offer validity period. DGDP/ BAF also reserves the right to get the offer validity extended with the consent of the supplier.	
11.	Part Shipment & Part payment: Not allowed.	
12.	Payment Terms. 100% Payment in foreign currency (FC) will be made through an irrevocable Letter of Credit (LC) opened with scheduled bank in Bangladesh and negotiating bank recommended by the supplier under following terms and conditions: a. 80% of CFR/ CPT value will be released on production of shipping documents to the bank. b. 20% of CFR/ CPT value will be released on satisfactory acceptance of 100% items by BAF after inspection/ functional test (as applicable), on production of Certificate Receipt Voucher (CRV) and written clearance from DGDP.	

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The bidder is to mention "Comply/Not Comply/Appropriate Remarks against each terms & condition mentioned below. Otherwise the quotation will not be accepted.		
Ser No	Description	To be Filled up by the Bidder
13.	AWB/BL must be in the name of consignee	
14.	Bidders are requested to submit soft copy of Financial Offer in a CD according to the given proforma along with the hard copy of Financial Offer in closed envelop.	
15.	Compliance of tender terms & conditions should be mentioned in the offer by the bidder as per sequence above. Bidder is to provide appropriate information against each clause clearly (where necessary) instead of 'complied'/'not complied'. No contradictory/hypothetical sentence/word/(like, quote is subject to availability/prior to sell/subject to export license approval or words so) will be accepted by BAF.	
16.	Any other terms and conditions not covered here will be as per DGDP rules and regulations.	

FORMAT FOR SUBMISSION OF FINANCIAL OFFER (DP-6)

Subject	Qty	Price	Remarks
Procurement of Air Truck	01 Ea		
Sea/Air Freight			
CFR/CPT Value			
Cost of Complete set of tool kit and all accessories as per clause 6 of Annex D (Technical Terms & Conditions)			Details may be shown in appendix
Cost of Fast Moving Spare Parts as per clause 7 of Annex D (Technical Terms & Conditions)			Details may be shown in appendix
Cost of Local Training as per clause number 24 of Annex D (Technical Terms & Conditions)			Details may be shown in appendix
Total Value			

Local Agent's Commission:

Validity _____ :

Delivery _____ :

Country of Origin _____ :-

Warranty _____ :

PG Amount _____ :

Remarks.

1. Each column must be filled in by the Principal and submitted with application.
2. All above information's must be in principal's invoice quotations.
3. Write in column NOT APPLICABLE (NA) if not asked in tender conditions and NOT QUOTED (NQ) if not quoted by principal.

Signature of the Tenderer
 With Full Name, Address and Seal of the Company

