



Government of Bermuda
Ministry of National Security
Bermuda Fire and Rescue Services

Addenda
For
Acquisition of Airport Fire Rescue Major Foam Vehicles

Procurement No.: **BFRSRFP2023-001**

Issued: Monday, October 16, 2023

Submission Deadline: Monday, November 20, 2023 04:00:00 PM

Addenda No, **02**

Addenda Type: Questions and Responses

The following addendum supersedes information contained in the solicitation document issued for this procurement to the extent referenced. This Addendum forms part of the solicitation documents and will be subject to all of the conditions set out in the contract conditions.

Questions and Responses

Question 1:	Page 22. The type of vehicle (LHD or RHD) is not specified. We assume it is RHD, but it should be clearly stated in the text.
Answer 1:	RHD

Question 2:	Page 22. A Dry Chemical Powder Unit with a capacity of 275kg is not the standard 250kg. These Dry Chemical Powder Units are purchased from third party companies, which certify the installations according to the ASME standard, and that we have no option to modify them. We can install either 225kg or 250kg units in the ARFFs. Please confirm which capacity you prefer.
Answer 2:	The Dry Chemical Units shall be 225kg

Question 3:	Page 25 Point 3. You mention IR cameras, in plural. Do you require more than one? Please confirm the number of IR cameras.
Answer 3:	One IR camera

Question 4:	Page 25 Item 12 N. Space and accommodations made for Hydraulic Rescue tools. Please confirm what make/model Hydraulic Rescue tools you want to be carried so that sufficient space and mounting straps can be allocated.
Answer 4:	Holmatro battery operated hydraulic rescue tools; cutter model PCU60 & Spreader model PSP60

Question 5:	Page 25 Item 15. Vehicles must be fitted with a complete exhaust protection system with no smoke. Please describe this system.
Answer 5:	Vehicles to be fitted with a self contained exhaust & filtration system which eliminates the need for hoses or verticle stacks to connect to the vehicle.

Question 6:	Page 25 Item 25B b. Hytera Base radio system mounted to cab dash. Programming to local frequencies on arrival. Please confirm the model of the Hytera Base radio system.
Answer 6:	Hytera Digital Mobile Radio model MD782

Question 7:	<p>Page 29 Chapter 27. Several suction lines could affect the performance of the pump. The usual configuration would be one 5 inches suction line and several hydrant lines, so that pump performance can be reached. A possible configuration would be:</p> <ul style="list-style-type: none"> • Left side <ul style="list-style-type: none"> ○ 5 inch suction line Storz A (with priming pump) ○ 4 inch hydrant line Storz A (connected directly to the water tank) ○ 2.5 inch hydrant line NH2.5 • Right side <ul style="list-style-type: none"> ○ 2.5 inch hydrant line NH2.5 ○ Storz. Would it be possible to offer a 5 inch suction instead of the 4 inch one? • A rear 2.5 inch suction is not possible
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Answer 7:	<p>Pump Connections</p> <p>Suction</p> <ul style="list-style-type: none"> • One (1) non gated 125 mm (5") suction inlet on the left-hand side w/NST • One (1) 38 mm (1 ½) external foam suction and flushing connection w/Storz <p>Discharge</p> <ul style="list-style-type: none"> • One (1) quick attack line for dual agent reel • Two (2) 1 ¾ inch preconnected line complete with 300 feet of hose and nozzle - NST fittings. (One on each side of the vehicle) • Two (2) 65 mm (2.5") discharge lines, one on each side of the vehicle. (NST)
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Question 8:	<p>Page 29 Chapter 27 Item A. One 4-inch suction on the left side of the vehicle and one 2.5-inch N.S.T. pump fill inlet on the left and right-hand side of the vehicle. A 2.5-inch N.S.T. with chain and cap and 4.00-inch Storz cap. Please clarify if a 4-inch suction will support full pump capacity. Also, please clarify the coupling for suction (Storz or NST).</p>
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Answer 8:	Should be 5-inch suction (NST)
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Question 9	<p>Page 29 Chapter 27 Item C. Two (2) 4-inch barrel suction strainer with NST threads. Barrel strainers to match suction hose/inlet. No suction hose is listed in loose equipment.</p>
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Answer 9:	Suction hose to be included as loose equipment.
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Question 10:	Page 29 Chapter 28. You request air aspirating nozzles for both monitors, but in other chapters you did not mention any handline with Dry Chemical Powder (Twin Agent hose reel, DCP hose reel or powder hose tray). How do you intend to use the DCP?
Answer 10:	One (1) twin agent hose reel shall be provided Option included for dual agent turrets required. DCP from both roof and bumper turret.

Question 11:	Do you need an external power supply? Rettbox, Rettbox Air, Kussmaul, CEE Plug? 230V or 115V? Do you need an air supply? Either by a compressor installed on the truck or by a Rettbox Air connection?
Answer 11:	No

Question 12:	<p>THE DELIVERABLES - Design, Construct and deliver four (4) ARFF vehicles</p> <p>Please request clarification on the following:</p> <ul style="list-style-type: none"> • Colour of truck? • Are Under truck nozzles required? • Preferred tyre size/Spare tyre required? 24R21 or 16R20?
Answer 12:	<ul style="list-style-type: none"> • Colour of truck? Black over red • Are Under truck nozzles required? Three (3) under truck nozzles required • Preferred tyre size/Spare tyre required? 24R21 or 16R20? Tyre size 24R21 with spare included.

End of Addenda No, 2