



CLARIFICATION QUESTIONS

RFT: 2025/036
File: AP_2/18/18/1
Date: 29 August 2025
To: Interested Service Providers
Contact: Maraea S. Pogi (maraeap@sprep.org)

Subject: Request for tenders (RFT): Supply and delivery of a transport trailer for the Cook Islands, Rarotonga Biosecurity Division to transport a portable X-Ray machine

Question 1:

Materials: Supplier can offer two options. Please confirm which one is preferred.

Option A - panels are 75mm thick and have a smooth cream colour on one side and a textured (orange peel) surface coloured medium greenish grey on the other. (RAL 7032 'Pebble grey') The aluminium is 0.8mm thick. The internal insulation is flame resistant PIR which is the best you can get. If you wanted to vinyl wrap the exterior I would suggest placing the textured side inside as it has a PVDF coating which is hard to adhere to. The cream side is no problem as it's a polyester coating.

Option B - only other option available is 50mm thick panels with 0.55mm galvanised steel faces which is widely used for cool-rooms and enclosed trailers and is smooth both sides.

Response:

Option B is the preferred option

Question 2:

Dimensions: The most convenient use of materials would provide internal dimensions of 1.8m wide x 2.90m long, which translates to 1.9m wide x 3.0m long externally if we use 50mm thick panels. Is that OK?

Response:

Yes that's ok

Question 3:

Rear Ramp: what weight is that expected to carry? For example is the X-Ray machine going up and down it regularly and if so what does that weigh?

Response:

Weight of the x ray machine is about 640kgs

Question 4:

Side door: We can get good watertight caravan doors off the shelf at 653mm width. Is that ok? Special wider doors can be expensive.



Response:

Side door is meant to be on the rear end and should be used as a ramp to load and unload the x ray machine.

Question 5:

Caravan plug: what is the purpose of this and what amperage rating should it have? Common ratings are 16 amp or 32 amp. Also do you want it to feed power to internal lights (how many) and power sockets (how many), or is it merely to provide an alternative way of charging the battery.

Response:

This is solely for the purpose of powering the trailer indicator lights only.

Question 6:

Battery: what is its role? Does it need wiring to 12V lighting? It could be used to supply 230V AC if connected to an inverter for example.

Response:

The battery is only to power the winch.

Question 7:

Generator: I presume you would prefer an inverter type so it can be used to power sensitive electronic equipment such as computers maybe even the X ray machine itself. At this size its normal to have a hand (recoil) pull start. Or do you need an electric starter?

Response:

Yes- Inverter type is preferred

Question 8:

Materials: For this style of build we do a hot dip galvanised steel chassis with 50mm insulated panel box construction. All flashings and finishings are in aluminium

Response:

Great

Question 9:

Dimensions: Are these dimensions internal or external?

Response:

Internal

Question 10:

Rear ramp: How heavy is the equipment being rolled in and out of the door?

Response:

Approx. 640kgs

Question 11:

Fully enclosed with grille vents: How much ventilation are you looking for? A roof vent 400x400 would usually be a good option in the type of build. They are good for passive ventilation and weather tight.



Response:

We were thinking of 2x 400mm by 400mm grille vents evenly spaced on either sides.

Question 12:

Lights: Can you clarify which style of plug the tow vehicle is using and also with reversing lights you may need some electrical work done on tow vehicle for these to operate. Not all vehicles have a live wire for the reversing light feed to trailer.

Response:

Correct and noted

Question 13:

Electrical connections: Can we have a detailed description of the electrical requirements for both AC and DC. I see there is a battery, is the battery solely for the winch or are you requiring other 12v equipment to run?

Response:

Battery is solely to power the winch. Battery can be charged via the generator port when running.

Question 14:

Detailed description of what AC equipment will be run, the quantity and style of outlets required, is there 240V lighting? If so can you please provide further details on requirement?

Response:

No other equipment will be run using the battery

Question 15:

Generator: 3kW, AC output Do you have a specific brand requirement for this? Does it need to meet any emission or noise levels? Petrol or Diesel?

Response:

Kipor and Honda are preferred, the lower the noise and emission level- the better.

Question 16:

Battery: Do you want solar charging or an AC to DC charger?

Response:

AC to DC charger.

Question 17:

Vehicle box- to store generator etc: Does the box require venting to allow the generator to be run whilst in the box?

Response:

Yes- correct

Question 18:

Branding: is this a complete wrap of both sides front and rear?

Response:

Both sides left and right- and also back door/ramp, but restrict wrap to not cover area of the ramp that touches the ground while loading.

Question 19:

- I. comment if the dimensions (Length: 3m Width: 1.8M Height: 2m) is just the box(housing) section of trailer or the overall dimensions.
- II. Do you have a sample picture of a similar trailer.
- III. Is the portable x ray machine specs/dimensions and weight available?

Response:

- I. Just the box
- II. No
- III. Refer below

Physical Specifications

Dimensions:	Length: 82.0 in. (2,082 mm) Width: 33.1 in. (840 mm) Height: 54.4 in. (1,382 mm)
Tunnel Size:	24.4 (W) x 16.5 in. (H) (620 mm x 420 mm)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load:	364 lbs (165 Kg) evenly distributed
Conveyor Height:	31.6 in. (803 mm)
Approx Weight:	Net: 1,071 lbs (486 Kg)
System Power:	100/110/120//208/220/230/240 VAC ±10%,

Question 20:

Honour form and CV – I intend to submit a bid on behalf of the company that employs me, rather than as an individual or legal person. May I complete the Honour Form using the company's details, including Name, Address, Company Registration Number, and VAT Number?

Response:

Yes that is fine

Question 21:

Expected services – Delivery and handover to Cook Island Biosecurity Division: Does the handover require company personnel to be physically present on-site, or would delivery arranged through our appointed freight agent be considered sufficient?

Response:



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A handover by the freight company is fine, no need for the supplier to be in-country.