

BID CLARIFICATIONS

RFP 625375-AY

Mobile Radiation Monitoring Laboratory

Closing Date and Time: 2023-07-12 17:00:00 CET, Vienna (Austria)

REMINDER

- Submission of response (proposals) shall be sent to Official-Mail.Tenders@iaea.org. **Do not send your response (proposal) to the Responsible Contracting Staff.** The Technical and Commercial Proposals must be submitted in separate electronic files.
- Please be reminded to thoroughly follow the IAEA "Special Instructions to Bidders and pay special attention to Sections 2.2 content of technical proposal, 2.3 content of financial proposal and 2.4 evaluation and selection criteria of the attached "Special Instructions to Bidders".

AMENDMENTS TO TENDER DOCUMENTS

- **Shipping Terms** change from Free Carrier (FCA) Supplier's Warehouse to Deliver At Place (DAP), Vienna.

1. Bidder Question No. 1:

- Are you seeking a van-sized vehicle or a truck-sized solution? If a van-type vehicle is preferred, should it be a panel van or a van chassis with a separate box body?
- Additionally, I would like to highlight the issue of delivery time. Many vehicles currently have lengthy lead times, which may impact the overall project schedule. I did not come across any specific delivery time requirements in the tender documents. Is there a firm requirement for a maximum delivery time?

IAEA Response No. 1:

- Van-based, for example but not limited to: Mercedes Sprinter, VW Crafter, Renault Master, Iveco Daily – driven with a normal driving license (< 3.5 T);
- (from experience #8-10 months is acceptable) these days, I assume that 12 months are acceptable, there are delays for measurements systems deliveries as well.

2. Bidder Question No. 2:

- **Requirement for the diesel generator:**

3.9.1. Power the operations of the laboratory vehicle, namely the additional battery, for a duration of 12-18 hours;

Please clarify if the required operation duration of 12-18 hours for the generator involves the refueling the generators fuel tank using the two extra canisters in the mobile laboratory. Usually diesel generators has a very small tank. Will it be acceptable if the generator with a 2.4 l diesel tank will be offered, then with a consumption of 0.6 l/h (at 75% load) it can operate for a 4 hours without refueling?

- **The set of sampling equipment shall meet the following technical and performance requirements:**
2.7.1. Include 3 similar ruggedized boxes with a size of approx. 0.8 m x 0.5 m x 0.5 m each (1 for further storage of empty containers, 1 for further storage of samples once picked up, 1 for further storage of PPE).

Could you please clarify if only the 3 similar ruggedized empty boxes should be provided as per this requirement, or also empty containers and Personnel Protective Equipment? Are the containers and Personnel Protective Equipment out of the scope of supply. If it is in the scope of supply, please provide the technical requirements for these items and quantities.

IAEA Response No. 2:

- A diesel generator operating for 12 hours with its own fuel tank, namely fuel capacity shall be #10 L. Please note that the generator shall charge the additional battery.
- Only the empty boxes are part of this bid, these boxes are for example Pelicases or similar.

3. Bidder Question No. 3:

As per point 3.9 The diesel-generator is required.

Could you please clarify if an alternative petrol type engine generator could be considered as suitable for this particular project? As per our consideration a 3kW petrol engine type generator would be much better option. 3kW power is sufficient for the users of mobile laboratory. However, based on our study a diesel engine type generator, which would be equipped with a 10 l tank are available only starting from 5kW power.

Petrol type engine generator would be much lighter (only 45kg instead of ~110 kg diesel type generator), it will produce much less noise and will have much smaller dimensions, so it will fit easier inside the mobile laboratory. The cost is also twice lower of petrol type generator. Reliability and maintenance cost is also much better for a petrol type generator.

IAEA Response No. 3:

Thanks, we are aware of these technical constraints. However, the generator shall be diesel generator as only one type of fuel shall be used, namely diesel, for the van and the generator.

4. Bidder Question No. 4:

We plan to use equipment from one Manufacturer in the tender, but unfortunately it does not fully meet your requirements, since they are somewhat redundant for solving the problems of this vehicle.

Namely:

- Point 3.3.8: Our selected product energy range starts at 25keV, not 20keV.
- Point 3.4.9: Our selected standard product does not offer measurement of Radon-222 in Bq/m³. It can be offered with special SW version (more expensive) but it not useful for field application as the compensation is done anyway.
- What is the lead time requested? Current lead time for our product is very long (probably around 10 months). It seems to be 12 months max, to be confirmed.

Is it possible to make changes to the technical requirements to expand the amount of equipment that can be offered without adversely affecting the functionality of the mobile laboratory?

IAEA Response No. 4:

- 338. The radiation monitoring system energy range starting at 25 keV (not 20 keV) is fine,
- 349. The air monitoring survey system with a standard version, including the compensation, and no direct Rn-222 measurement is fine,
- Given the current situation a delivery within 10 months would be appreciated, 12 months is ok.