

ANSWERS TO QUESTIONS

Publication reference: NEAR/BEY/2021/EA-OP/0129: Supply of four (4) hybrid buses, Zahle, Bekaa

With reference to the above-mentioned tender procedure, please find below questions raised by potential tenderers and the corresponding answers:

Question 1: We are currently working on your offer, but we may need an extension time to respond to the tender. May I kindly request you to have an extension time till Oct 15th for the tender submission?

Answer 1: No. Tenders must be sent to the contracting authority before September 24, 2021 at 15:30 Beirut Local time.

Question 2.1: Annex II: Technical Specification, Clause 1.6.3 – Battery Capacity 480 kWh: This battery capacity indicated is normally required for fully electric buses. Since this is a Hybrid Bus requirement, we request this to be amended. The normal capacity of the buses is ~8-9 kWh (beginning of life)

Question 2.2.: Can you please share the route map on which the vehicles will run including the following details of the maximum gradient.

Question 2.3. Can you please share some operational data including? Daily expected distance per bus; Expected average speeds; Expected maximum speeds; Average frequency of stops.

Answer 2.1: Technical Specification, Clause 1.6.3 – Battery Capacity shall read as 8 kWh

Answer 2.2:



The lanes are mainly flat with some gentle slopes.

Answer 2.3

Buses are expected to do around 20 to 30 rounds a day. The path is around 8 km of length, The vehicle will be required to make a 30-minute cycle with an average speed of 30 to 40 km/h, not exceeding 60 km/h. Total bus stop are 18.

Question 3 |: As per section 1.3 of document: Instruction to Tenderers, you mentioned that: Lists of spare parts must be drawn up by tenderers on the basis of their professional experience and the expected places of use. In order to be able to answer your requirements, we need to know the following information:

1. What is the Expected annual mileage?
2. Working conditions: Humidity, dust, rains/snow, etc?
3. Topography and road conditions of the selected route/area: Level, hilly, turns, road quality, and the maximum slope in %.
4. What is the expected time between the trips?
5. What would be the distance between stops in regular operations?
6. What is the daily expected operation time per day?
7. Stops: single drive or multiple stops? Duration of each stop.
8. Is an A/C needed on the bus? If yes, which capacity (20 or 30 kW)?
9. Expected average speeds
10. Expected maximum speeds
11. Is the required spare parts list for maintenance only for two years, or complete maintenance and repairs?

Answer 3

- 1. Around 50,000 miles.**
- 2. Semi-arid conditions with a snowy and rainy winter (around 20 to 30 days of snow and 100 to 120 days of rain with a yearly accumulation around 700 mm). Dust just from anthropic activities such as transport and light industries.**
- 3. Please refer to Answer 2.2.**
- 4 .expected time between trips is around 15 minutes.**
- 5. Total bus stops are 18; average distance between stops in regular operations: 300 to 400 m**
- 6. The path is around 8 km of length. Buses are expected to do around 20 to 30 rounds per day.**
- 7. Multiple stops; duration of each stop around 1 minute.**
- 8. Yes A/C is needed. Both are acceptable.**
- 9&10.Please refer to answer 2.2.**
- 11. The required spare parts list is only for two years and basic repairs.**

Question 4: Hybrid technology is only available in Euro VI, where fuel quality must meet EN 590:2009 with 10ppm sulfur limit. The diesel fuel quality available in Lebanon does not allow to use mild-hybrid technology due to its high level of contamination and sulfur content. Would it be possible for you to accept a tropicalized euro 3 standard engine (not hybrid) that is fully suitable to run with local fuel and ensures long lifecycle operations?

Answer 4: No. Euro VI is available in Lebanon and it is being used for example for the internal buses at the airport. Ensuring the fuel and required quality are the responsibility of the Beneficiary i.e. Zahle municipality.

Question 5 : Could you please confirm that the following documents are sufficient to prove that entity does not fall under restrictive measures? The documents are: - Tax Discharge - NSSF Discharge - Owners' Judicial records (Please indicate if you need additionally the board of directors' Judicial records, or the one of any other person to satisfy your request) - Declaration on honor for procurement (Annex A14a) duly signed.

Answer 5: Declaration on honor for procurement must be submitted with your tender. The required documentary proofs are listed in section 2.6.10.1.1. Of the Practical guide, and are requested only from successful tenderer before the award of the contract. Failure to submit the required evidence within 15 calendar days after receiving the notification of award, the award may be considered null or void.