

AMENDMENT #1: 2021-51005A Brazil Passenger Rail Energy Efficiency Plan

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Please note that the Request for Proposals (RFP) for the Technical Assistance for the Brazil Passenger Rail Energy Efficiency Plan is amended, as follows:

Section 2.13: Proposal Submission Requirements

The **new submission deadline** for bids has been extended to 4:00PM (Brazil local time GMT-3) **JUNE 30, 2021**.

Questions, Answers and Clarifications: This amendment consists of clarifying questions and answers submitted by potential Offerors regarding the RFP packet. Responses to submitted questions are attached.

Clarification Questions for Brazil Passenger Rail Energy Efficiency RFP

1. What data sets are available that will be provided to the selected consultant? **This will be decided on a case by case basis and will be dependent on the passenger rail operators.**
2. What are the defined deliverables per disciplines? **Deliverables are specified in the Terms of Reference.**
3. Will the analysis be required to be performed on all the lines and the 596 facilities? Or will only a few lines and facilities be selected for the analysis? **The Terms of Reference outlines the technical analysis is for the Grantee's passenger rail systems (for all member operators) covering specific areas.**
4. Page 26 of RFP - Do all Metro networks need to be considered for evaluation in this study? **Yes, the Terms of Reference specifies the Grantee's passenger rail systems (all member operators).**
5. Are all of the tasks identified in the RFP expected to be completed within the budget of \$860k and nine months' timeframe? **All of the tasks in the Terms of Reference are expected to be completed within the \$860,000 budget. The nine month timeframe is an estimate.**
6. Is the \$860k grant backed by additional financing from the host country? **The host country is not providing additional funding for this technical assistance.**

7. TASK 1: CURRENT CONDITIONS ASSESSMENT AND DATA COLLECTION: It is our understanding that the consultant will conduct a case study for each of the facility types to establish benchmarks. These benchmarks will be used as reference points for comparison. Under TASK 2: TECHNICAL ANALYSIS OF ELECTRICAL INFRASTRUCTURE AND TECHNOLOGIES, the consultant will provide recommendations for energy efficient solutions by comparing current operations of unique assets (single example) with benchmarking case study performed in Task 1. Please confirm that our understanding is correct. **The Global benchmarking outlined in the Terms of Reference under Task 1 will be used as reference. However, Task 2 outlines the requirement of a technical analysis for specific areas.**

8. TASK 2: TECHNICAL ANALYSIS OF ELECTRICAL INFRASTRUCTURE AND TECHNOLOGIES: The consultant will conduct a technical analysis on the system and provide recommendations. The technical analysis will be solely dependent on the operational and energy consumption information and data we will receive from the operators. Please confirm that our understanding is correct. **Yes.**

9. TASK 2: TECHNICAL ANALYSIS OF ELECTRICAL INFRASTRUCTURE AND TECHNOLOGIES: Consultant will identify and address possible technical challenges associated with the implementation of the recommended energy efficient solutions, such as interoperability of power systems, system integration, hardware/software proprietary limitations. After assessing the RFP, we believe that this will not be an in-depth system integration and system interoperability study that is typically accompanied by a detailed design. This effort will be a high-level effort to identify potential issues. Please confirm that our understanding is correct. **Yes.**

10. TASK 8: ENERGY EFFICIENCY AND PASSENGER RAIL TRANSPORTATION PLAN states that the consultant will develop an Energy Efficiency and Sustainable Passenger Rail Transportation Plan (Energy Efficiency Plan). Will the USTDA provide a preferred sample/example plan? **No**

11. TASK 5: ENERGY EFFICIENT TECHNOLOGY SPECIFICATIONS references specifications and preliminary design. The consultant will provide high level specifications for the new recommended equipment. These specifications will be accompanied by vendor supplied drawings. Will the consultant need to develop detailed drawings and specifications for the installation of this equipment? **The Terms of Reference requires functional and technical specifications for the recommended equipment.**

12. It will be important to receive input on the various technologies currently available in the market from the various vendors and manufacturers. Will the consultant be able to engage with the various vendors and manufacturers for information purposes? **Yes**

13. Will the selected consultant have access to the electrical contracts with the Brazilian railways? **This will be on a case by case basis and dependent on the passenger rail operators.**

14. Will HEP Transportation Consulting, the firm who delivered the Definitional Mission, be eligible to submit a proposal for this RFP? **No, the firm that conducts the Definitional Mission for the technical assistance is not eligible to work on that technical assistance.**

15. Question regarding the involvement of Global Parent Company as a sub to their US Company: • Article 10 – A: states that the U.S. Firm and all Subcontractors that are legal entities must be eligible U.S. Firms. Global Parent Company is Parent to US Company (that is indeed a legal entity). Would Global Parent Company be authorized to be a subconsultant to their US Company? **Subcontractors must either be U.S. or Brazilian companies.**

- Article 10 – B: states that Non-U.S. citizens lawfully admitted to work in the United States are entitled to deliver part of the TA services as employees of any sub-contractor Please confirm that the Global Parent Company will be authorized to deliver part of the TA services. **If the Global Parent Company is not a U.S. firm, it will not be able to deliver services related to the technical assistance.**

- Article 10 – E: is stating ‘no part of the Grant Funds disbursed in connection with the delivery of the TA may be used to pay (i) any legal entity that is incorporated or organized under the laws of a jurisdiction other than one of the United States or the Host Country, or (ii) a natural person who is a citizen of a country other than the United States’. However, the end of the same Article states that “except as expressly provided in Article 10(B)) or the Host Country”. Please confirm if Global Parent Company can receive payment from the USTDA. **Only U.S. companies can work on the technical assistance. The “Host Country” in this case refers to Brazil. The U.S. company can hire local (Brazilian) subcontractors for up to 20% of the grant amount. A Global parent that is a non-U.S. entity, cannot receive payment.**

16. EXPERIENCE AND QUALIFICATIONS: Please confirm if individual letters of commitment are required per proposed staff or will one letter per company encompassing the entire proposed staff will suffice. **One letter per company encompassing the entire proposed staff would suffice.**

17. ORGANIZATIONAL STRUCTURE, MANAGEMENT PLAN, AND KEY PERSONNEL: States that a workforce schedule and the level of effort for the project period, by activities and tasks, as detailed under the Technical Approach and Work Plan shall be submitted and TECHNICAL APPROACH AND WORK PLAN states to Prepare a detailed schedule of performance that describes all activities and tasks within the Work Plan, including periodic reporting or review points, incremental delivery dates, and other project milestones. Please confirm the workforce schedule is desired to be broken down as a Manhours per task, while the detailed scheduled is a standard Gantt chart schedule. **Correct**

18. Is the US Firm liable for Brazilian Withholding Tax on the invoice payments made from the USTDA? **USTDA grants cannot be used to pay local taxes. Invoices are issued by U.S. based contractors and paid for directly in the U.S. by USTDA, per U.S. laws.**

19. We assume that energy modeling of the facilities is not required, please confirm. **Energy modeling is not required.**

20. Regarding the U.S. Firm Information Form, please confirm if proposed subs are to fill out the entire form, or only Attachment B Subcontractor Information Form. **Subcontractors only need to fill out Attachment B, which is the subcontractor form. However, the Prime Contractor must also list the legal names of the proposed subcontractors (if applicable) on the Prime Contractor form.**

21. According the table 2, item 5.0 of the TOR, we have the cost estimate for project implementation per type of technologies (considering equipment, installation, integration, retrofits, and services expected) to be required for the implementation of energy solutions in Brazil. Is this cost for all operators mentioned on table 1? What is the value per operator/solution? **There is no table 2 in the TOR. This table is part of the background information provided in the Definitional Mission report for information purposes only and is not part of the TOR.**