



## Golden Empire Transit District

### Addendum #1 to Request for Proposals For Hydrogen Fueling & EV Charging System RFP#G133

Golden Empire Transit District is issuing this Addendum to respond to questions raised by parties interested in the Request for Proposals named above.

This Addendum constitutes an integral part of the RFP and shall be read in conjunction with the RFP. Where inconsistent with the original RFP, or any previous Addendum to the RFP, this Addendum shall govern. Unless specifically changed herein, all other requirements and provisions of the RFP remain unchanged and can only be modified if in writing by GET. It is the responsibility of all Proposers to conform to this Addendum.

**Question 1:** Is hydrogen the only fueling source option for the desired solution for the Mobile EV Charging System for GET?

**Response:** The District currently operates hydrogen fueled buses and will require hydrogen fueling along with the charging for future EV vehicles.

**Question 2:** Please confirm if the hydrogen powered micro grid is expected to use the hydrogen source from the mobile refueling station hydrogen storage.

**Response:** Yes.

**Question 3:** Please confirm if the hydrogen powered micro grid is expected to be the main power source for the mobile refueling solution and EV chargers.

**Response:** Yes, the system is required to create hydrogen for fueling and power the micro grid system for EV charging.

**Question 4:** Please confirm if a utility connection can be used to power the mobile refueling solution and EV chargers, if a backup is necessary.

**Response:** No backup solution is required, the system must be a self-sufficient off grid system.

**Question 5:** Please confirm if the hydrogen powered micro grid should be sized for partial station throughput (backup) or full station throughput, i.e. simultaneous hydrogen fueling and EV charging.

**Response:** Simultaneous is not a requirement, but the system must be able to fuel hydrogen and provide EV charging as well. The proposer shall propose their best technical solution that meets the solicitation requirements.

**Question 6:** Please confirm if the fueling system, charging system ( 3 charges level 2) and the hydrogen powered micro grid are expected to be transportable with the mobile refueling station.

**Response:** Yes, the system must be installed without permanent infrastructure.

**Question 7:** The site map shows a ground mount solar system. Please clarify if the solar system is expected to be tied into the micro grid.

**Response:** No, the solicitation does not require it.

**Question 8:** Please confirm if the hydrogen micro grid system will be initially installed and commissioned at the District's facility located at 1920 "B" Golden State Avenue, Bakersfield, CA 93301.

**Response:** Yes, that is the correct address.

**Question 9:** Please confirm the time of RFP submission on 9/26 is 1 pm PDT.

**Response:** Yes, proposals must be received on or before 1pm on September 26, 2023.

**Question 10:** Please provide site as-built drawings if possible.

**Response:** Currently as-built drawings are not available, but will be provided to successful proposer.

**Question 11:** Does the mobile refueling station need to tie in to the current hydrogen station infrastructure?

**Response:** No, the solicitation does not require it.

**Question 12:** How often must the mobile refueling station be moved?

**Response:** The District owns several properties and may need to move to the system several times between the next 5-7 years.

**Question 13:** Is the mobile refueling station expected to fill all 10 buses back-to-back?

**Response:** The solicitation does not require back-to-back fueling.

**Question 14:** Will Golden Empire Transit please consider extending the due date by 30 days, as the magnitude of Golden Empire's scope is substantial and the additional time would help in providing a quality proposal.

**Response:** The District has an urgent need for the fueling equipment and lead times for equipment are extremely long. Extending the due date will only cause further delay in project completion, so the District respectfully denies the request for extension of the due date.

**Question 15:** Please provide information & direction about managing the water that will be produced as a by-product of the fuel cell.

**Response:** The District cannot predict the amount of water produced by the equipment. The proposer will decide the best technical solution in their proposal.

**Question 16:** Do you have a minimum carbon intensity score required for the renewable H2 supply?

**Response:** The solicitation does not require a minimum intensity score.

**Question 17:** Is onsite H2 production required?

**Response:** Yes, the system must produce hydrogen onsite.

**Question 18:** Does GET bus have fleet management fueling software that needs to be integrated in the HRS?

**Response:** The solicitation does not require integration of any software.

**Question 19:** Does GET bus already have a contract with a software provider?

**Response:** Golden Empire Transit currently has a fuel management system in place, but the solicitation does not require integration with the software.

**Question 20:** Is there a current or expected protocol for how the driver will fill up? (Code, access card, etc.)

**Response:** The solicitation does not require filling protocol.

**Question 21:** Is there a record-keeping requirement for a completed fill for the bus? (Bill of lading, etc.)

**Response:** The system must record hydrogen fuel dispensed in kilograms.

**Question 22:** Is natural gas supply available at the GET bus district facility?

**Response:** No, there is no natural gas supply at the project site.

**Question 23:** Do you have a drawing of the GET bus facility? Survey? Site Plan?

**Response:** No, there is no survey or site plans available except for the site map located in the solicitation.

**Question 24:** If so, do you have the drawing in Auto Cad?

**Response:** There is no auto cad drawings available.

**Question 25:** Is water available onsite? If so, where is the source? We need up to 22gpm while chilling H2.

**Response:** The only water available onsite is via 3 fire hydrants located on the property.

**Question 26:** What are the allowable workdays for construction? 6 days a week? M-SAT?

**Response:** The hours and workdays will be negotiated with successful proposer.

**Question 27:** Is there any expectation of the fleet of hydrogen buses growing to more than 30 buses sooner than 2030??

**Response:** No.

**Question 28:** Who is the manufacturer of the FCEV buses? Will you purchase any other brand?

**Response:** New Flyer is the manufacturer of the existing FCEV buses. The District cannot predict the manufacturer of future FCEV buses.

**Question 29:** Are there any restrictions to permanent/semi-permanent structures or barriers?

**Response:** The only barriers are the existing hydrogen fueling station, the solar array, and electrical towers.

**Question 30:** Do we need to provide a storm water plan or improvement?

**Response:** This is undetermined until plans are submitted to the city for review.

**Question 31:** What are the current permits in place? Do we need to include any considerations for CEQA?

**Response:** There are no permits currently in place for the project site. It is our understanding that CEQA is exempt for the project, but the contractor shall verify the requirement.

**Question 32:** Do you require onsite security guards during construction? Hours required?

**Response:** The District has security at the entrance gates. Security is not required in the solicitation.

**Question 33:** Do you require cathodic protection at site?

**Response:** This is undetermined.

**Question 34:** Do you require any security cameras? Construction cameras?

**Response:** The solicitation does not require security cameras.

**Question 35:** Do you have geotechnical data for the site?

**Response:** Yes, a geotechnical report was performed in December of 2020.

**Question 36:** Will power and other utilities be available for construction?

**Response:** No.

**Question 37:** The RFP mentions H2-powered micro grid, are utility grid power and/or natural gas also available at the site?

**Response:** No, the system must be a self-sufficient off grid system.

**Question 38:** Are there specific carbon requirements or other metrics required with respect to energy generation?

**Response:** The solicitation requires 33% renewable hydrogen to be produced with a future potential of 100%. Your proposal must define your plan to meet current and future renewable hydrogen production potential, while producing minimal emissions and staying compliant with the California Air Resources Board and Local and State regulations.

**Question 39:** Apart from the EV chargers mentioned (3x50kW from 7pm-3:30am) and the needs for the H2 facility being bid, are there any other anticipated electrical loads (lighting requirements, service station, customer waiting, ticketing, retail area, etc.) that will be carried by the micro grid?

**Response:** This is undetermined. The District cannot predict proposed increased electrical loads for submitted technical solutions from proposers.

**Question 40:** Is there a requirement for backup power generation?

**Response:** The solicitation does not require backup power generation.

**Question 41:** There appears to be existing ground mount solar at the site – will that be available for use on the same distribution for the micro grid, or is that completely independent and not related?

**Response:** No, the solar array is independent and not related.

**Question 42:** How much acreage is available for additional solar?

**Response:** No additional acreage is available for additional solar.

**Question 43:** Is there any existing power generation onsite that could be utilized for the new HRS equipment?

**Response:** No, the system must be a self-sufficient off grid system.

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