

Questions and Answers

The followings are questions and answers (Q&A) the City has been receiving for the Houston Roadway Flood Warning System Project. The City will continue to update and post Q&A list every Friday up to June 5, 2020. Proposer can continue to submit questions to:

swright@houstontranstar.org

May 14, 2020

1. Question: Although there are many requirements regarding MWSBE in the RFQ, there does not seem to be a stated goal. Can the City please clarify the goal they hope to achieve?

Answer: The City of Houston has a standard 24% goal for Professional Services and a 18% goal for Construction. However, at this time a MWBE participation goal has not been established for this Design-Build project. An Addendum will soon follow.

May 15, 2020

1. Question: Please provide the City's TIGER 2017 application for review.

Answer: The City's TIGER 2017 application will be added to the documents.

2. Question: Please provide the City's Design Build Agreement for review.

Answer: The Design-Build Agreement will be completed when the consultant has been selected.

3. Is there a target participation goal for MWBE participation?

Answer: The City of Houston has a standard 24% goal for Professional Services and a 18% goal for Construction. However, at this time a MWBE participation goal has not been established for this Design-Build project. An Addendum will soon follow.

- a. If there is not a target participation goal for MWBE involvement, must all teams complete the Good Faith Effort process?

Answer: Yes.

4. What are the expected start and completion dates of the project?

Answer: The projected start date is October 19, 2020 and the projected completion date is December 7, 2023.

5. Is the required date of completion that is tied to the grant funding?

Answer: Yes.

6. Percentage participation/share by team members is difficult to assess until pricing has been determined. Will the City consider reallocating removing this as an evaluation criterion?

Answer: No.

7. To ensure we have the proper composition of our team, please clarify the following:

- a. Will the Transtar partner agencies integrate the proposed devices into the existing intelligent Transportation System, or will be the responsibility of the Respondent?
- b. Will the Respondents be required to develop any additional software to integrate to existing system?

Answer: Integrate into existing ATMS central software.

- c. Is the City's intention that the HRFWS uses the existing water level monitoring control systems of the pump stations, or will the HRFWS have its own stand-alone water level monitoring controls?

Answer: Part of design recommendation.

- d. Has the City completed all ROW acquisition and easements for any required gas lines?

Answer: No.

- e. Does the City anticipate requiring any lane closure devices such as gates at any of the locations?

Answer: No.

- f. Does the City anticipate requiring bypass pumping during the backflow preventer construction?

Answer: That will be determined during the Design phase.

- g. Are the back-up generators needed to provide back-up power for the entire pump station, the pump station control elements, the advance warning signal equipment, or all of these?

Answer: All.

8. In many of the locations, the natural gas provider (i.e. Center Point Energy) will need to extend their facilities to provide natural gas service for the proposed generators. Is the City going to pay for any related costs or fees from the natural gas provider or is the DB Contractor responsible for covering those costs?

Answer: The Design-Build contractor is responsible for paying any related costs or fees and the City will cover those costs by means of a Cash Allowance.

9. The link under Appendix B (<http://edocs.publicworks.houstontx.gov/engineering-and-construction/pwe-100-form/353-form-pwe-100-1.html>) appears to be broken. Can you please provide the correct link?

Answer: <http://popms.houstontx.gov/PSS/frmViewResourcesList.aspx>

- a. Please clarify who needs to fill out the PWE100 form (the prime firm?).

Answer: The Prime Firm.

10. Would a cover page be included in the 12-page limit?

Answer: Here is the link with the RFQ and SOQ instructions:

<http://popms.houstontx.gov/PSS/frmViewResourcesList.aspx>

11. What information will be provided on placing the high-water sensors?

Answer: Design and Construction Standards.

<https://www.houstonpermittingcenter.org/office-city-engineer/design-and-construction->

[standards#agency-links-1526](#)

- a. Will the exact sensor installation locations be provided to the project team or is it part of the Respondent's scope to identify where the flood sensors will be placed along the road or water crossings?
[Answer: It is part of the Respondent's scope to identify the exact locations where the flood sensors will be placed.](#)
12. Is guidance on the hydraulics and hydrology for this project going to be designed and provided by the City/TXDOT/Harris County or is that included in the project design specifications?
[Answer: The Design and Construction Standards should be followed for the City/TXDOT/Harris County Flood Control District.](#)
13. To allow us to assess the risks to this project, please explain the City's elevation standards for the installation of ITS equipment above the floodplain. Is there a typical design setup for the backflow preventers that needs to be applied for this project?
[Answer: The Proposer is to provide the design setup for the backflow preventers and the City's Specifications.](#)
14. Or is developing the design for the backflow preventers part of the scope of this project?
[Answer: Yes.](#)
15. Is the sizing of the generators for each pump station included in the scope of work?
[Answer: The proposer will recommend the size of the generators for each pump station.](#)
16. Do the pump stations have existing generators that will be replaced, or are these new generators for pump stations that currently do not have one?
[Answer: Many of the locations have existing generators.](#)
17. Will the City require a conveyance analysis or no impact study for structures (poles, generator foundations, etc.) placed within the City-defined conveyance zone or FEMA-defined floodway?
[Answer: Yes](#)
18. Can the City provide information on anticipated 100-year HGL at sump locations?
[Answer: The proposer is to provide the information.](#)
19. Can the City provide information regarding the size of pumps (horsepower) and number of pumps for the storm water pump stations that will require generators?
[Answer: The proposer is to identify this information.](#)

May 29, 2020

1. Question: Please confirm if Conflict of Interest Questionnaire for all team members including the Prime Contractor and all sub-consultant firms need to be included in the SOQ submittal (rfq_tiger_grant_2017.pdf Appendix B, page 13).
[Answer: Only the submitting firms are required to include the Conflict of Interest Questionnaire.](#)