

# City of Ann Arbor

## PROPOSAL High-Level Design for EDA PER Report

June 4, 2020



## SCOPE OF WORK

Magellan Advisors will provide high-level design services to the City of Ann Arbor in support of the City's application to the EDA for grant funding. The high-level design will include sufficient fiber backbone routing, cost estimates and constructability analysis to support the Preliminary Engineering Report component of the EDA grant application. Our services will include specific requirements as laid out by the EDA for the Preliminary Engineering Report, including:

1. Description of project components. Provide a general description of all project components involved in the project. Indicate whether the project involves the construction of new infrastructure or facilities or the renovation or replacement of existing ones. Describe each of the project components in terms of dimensions, quantities, capacities, square footage, etc.
2. Drawings showing the general layout and location of the existing site conditions and of the project components as well as location of any project beneficiary identified in Section B.9 of Form ED-900 that provide economic justification for the project, if any. Rough dimensions and quantities for major project components will be shown and labeled on the drawings. Drawings will clearly identify the project components that are being proposed.
3. A feasibility analysis for the constructability of the project. Include a review of the existing conditions and note particular features, alignments, and circumstances affecting construction of project components.
4. The proposed method of construction. Indicate whether construction procurement will be done through competitive bid or other method. We will indicate if any portion of the project is to be done by design/build, construction management at risk, the applicant's own forces, or a third-party construction manager. If an alternate construction procurement method (other than traditional design/bid/build with sealed competitive bid process) is proposed, a construction services procurement plan will be provided to EDA for approval in accordance with EDA's regulation at 13 C.F.R. § 305.6(a).
5. The number of construction contracts anticipated. If multiple contracts are proposed, describe the project components included in each contract, and if project phasing is proposed, a project phasing request will be provided to EDA for approval per EDA's regulation at 13 C.F.R. § 305.9(a).
6. A current detailed construction cost estimate for each of the project components. Show quantities, unit prices, and total costs and provide a basis for the determination of construction contingencies. The total of this estimate will match the construction line item of the SF-424C.
7. A list of all permits required for the proposed project and their current status. Identify all permits required; include the timeline to obtain the permits and discuss how the permitting relates to the overall project schedule. If the project crosses a railroad right-of-way or is within a railroad right-of-way, explain any permitting or approvals that may be required from the railroad or other authority and the timeframe for obtaining these permits or approvals.

10. An overall estimated project schedule. This schedule will agree with the project schedule outlined in the ED-900. Include the number of months for each of the following:
- i. design period;
  - ii. period of time to obtain required permits;
  - iii. period of time to obtain any required easements or rights-of-way; iv. solicitation of bids and awarding of contracts, and
  - v. construction period.
11. Overall project budget breakdown. For each “cost classifications” line item that will be included in the project budget on Form SF-424C, provide a breakdown of the proposed project costs and tasks that is consistent with the detailed construction cost estimate for the project provided in the PER.

## Pricing

The total price to the City of Ann Arbor for this project is \$15,000 with a budget of \$0.00 for travel and incidental expenses. Magellan will bill the City in one lump sum payment on submission of the final deliverable for the project.

Item	Description	Total
1	High-Level Design Services	\$15,000
2	Expenses	\$0.00
	Total Costs (Not To Exceed)	\$15,000