Sauk Creek Corridor Ecological and Channel Assessment RFP

Questions and Answers Posted 8/16/23

- **1.** Has the City determined or authorized a budget for this assessment and planning project? The City does not have a budget for the assessment.
- 2. Does the City have a desired design storm for channel conveyance? The City typically designs channels for the 2-year storm.
- **3.** Are there current utilities survey files available for the area surrounding the project site? Yes, the City has a Civil3D survey file for the utilities in the corridor.
- 4. Is the actual channel design (i.e. to 10% drawings for channel alignment and cross sections, tree protection plans, etc.) part of this project phase? No.
- 5. Will the City project manager be the lead and 'face' of the neighborhood and community stakeholder engagement or is the consultant expected to field questions related to decision making, future project phases, etc.?

The City project manager will be the lead of the stakeholder engagement. The consultant will be expected to answer questions related to the ecological and channel assessment.

- 6. Will the City project manager be in attendance at all potential stakeholder meetings? Yes.
- 7. Will the consultant be asked to prepare a presentation, additional material (handouts), and/or follow-up documentation for any of the public engagement meeting(s), if authorized, or is the deliverable for Task 3 simply attendance at the listed meetings? The deliverable is attendance.
- 8. Are there other City of Madison departments that will be stakeholders during this process (i.e. Parks, Forestry)?

City of Madison Parks and Forestry will be will be part of the internal City advisory group for the overall Corridor Plan process. They may have questions or be involved in answering questions about the Ecological Assessment.

9. Is Exhibit 2 attached to the RFP supposed to be used for our cost/rate section? It is unclear from the RFP.

Yes, please use Exhibit 2.

10. Will there be any coordination on this project with the City's Parks department?

City of Madison Parks will be will be part of the internal City advisory group for the overall Corridor Plan process. They may have questions or be involved in answering questions about the Ecological Assessment.

11. Is this project a part of the Sauk Creek Greenway Stabilization, as outlined in the Pheasant Branch Watershed Study?

The Ecological and Channel Assessment RFP will help inform the Sauk Creek Greenway Corridor Plan. That overall plan will inform the Sauk Creek Greenway Stabilization construction projects that will be implemented in phases.

12. I see that it is stated in the RFP that in addition to all of the maps and data produced, map packages also need to be included in the deliverable. It also states that the data needs to be submitted in a format readable in ArcGIS 10.7.1. I wanted to see how set in stone that is. Typically, we use ArcGIS Pro as our primary desktop GIS software and I know that any map/project packages created in ArcGIS Pro are not readable in ArcMap. I just wanted to verify whether we would need to utilize ArcMap for this project.

The City would be OK with receiving layer files and a geodatabase in lieu of a map package in order for it to be readable in ArcGIS 10.7.1. The layer files and geodatabase must contain all information able to reproduce exhibits created by the consultant.

13. What does authorization for public engagement entail?

The City will determine whether the Consultant is needed for the public engagement, and if so, the task will be authorized via email from the project manager.

- 14. Is a certified arborist required, or can work be conducted by professional botanist with an advanced degree in forestry and experienced with tree/woodland assessments/inventories? A certified arborist is not required. Relevant degrees and experience will be considered in the selection.
- 15. Is there a budgeted amount that can be provided, and is the project awarded based on qualifications or lowest bid?

There is not a budgeted amount. The project will be awarded based on low bid as well the appropriateness of the relevant experience, project understanding & approach, and ability to meet the proposed timeline.

- **16.** Can the 2017 tree health inventory be provided? Was it an actual inventory vs. a walk thru? The inventory is provided as an Attachment 1 to the Q&A. The inventory for the N/S portion was completed in 2017 and had some re-inventory during the 2022 topographic survey effort where tags had fallen off, or trees newly reached the DBH minimum for survey. The East-West portion of the greenway along Tree Lane was inventoried in 2021. This data will be provided in a shapefile to the consultant awarded the project.
- 17. Can clarification be made about sediment movement? Specifically, is the ask to take into consideration capacity/competence for channel analysis and concept development, or is to bring the sediment analysis fully to estimations of annual yield? If it is annual yield, what existing bed load and suspended load data, or sediment rating curves, are available? The ask is to take into consideration capacity/competence for channel analysis and concept development.
- 18. Channel patching "cross section areas have capability to stabilize, convey flows, may be required here and there, not systemic..." what analysis has been completed, to-date, to

determine the roles of channel slope, meander geometry, roughness, sediment capacity+competance and valley confinement to support the decision to limit restorative efforts to select locations as opposed to the entire channel?

To date, an initial analysis of shear stresses in the channel was done with the following process-a HEC-RAS 2D model was created with proposed flows from the Pheasant Branch Proposed Conditions model (the master plan for the watershed for flood mitigation), and a simple channel cross section designed to convey the 2-year storm and have the smallest footprint possible to minimize tree impacts. Shear stresses were extracted from the model to see the type of armoring needed and it pointed to hard armoring throughout the channel. The City would like the consultant to provide additional insights to other options.