Questions and Answers

Request for Proposal

Storm Drainage Master Plan Update

Date: November 15, 2023

Question 1	*Does the City prefer any specific software or tools or has established as standards for similar projects?*
Answer	The City requires all models in HEC-RAS format. Additional software may be recommended by the Consultant for approval. In the past, similar projects have used SacCalc and XPSWMM to supplement analysis and calculations.

Question 2	*Does the City wish for the fee proposal to be submitted in a separate sealed envelope from the technical proposal/qualifications?*
Answer	No. The proposal shall be submitted in a sealed envelope clearly marked Storm Drainage Master Plan Update and contain all the information indicated in "Guidelines for Proposal" including item 7-Fee.

Question 3	**Please confirm that the previous SDMP models and/or geospatial files are available to leverage for this SDMP Update.**
Answer	All available H&H studies will be provided including the SDMP models and geospatial files.

Question 4   **Please confirm that field verification of data, particularly topographic and pipe invert/size information, are not requested as part of this proposal.**

Answer   Field verification of data may be required if needed to resolve issues identified during the development of the SDMP.

Question 5   **On page 14 of the RFP (Task 5 – Determine Capacities of Major Existing Storm Drainage Facilities), it states "At the completion of the process all models must be in a HEC-RAS format provided to the City in a manner that can be updated as changes occur in the future." Please confirm that this requirement is not intended for the drainpipe portion of the system. In future versions of HEC-RAS, HEC intends to include the ability to model subgrade drainage pipes, but as of the November 8, 2023 Beta Release this feature is not yet available.**

Answer   Correct, the drainpipe portion of the system is not included in the HEC-RAS format but should be submitted using XPSWMM.

Question 6   **Assuming that the City geodatabase of the existing storm drain network will be made available to the selected team, are there a significant numbers of data gaps in the database for critical fields such as inverts, diameters, etc.?**

Answer   No significant data gaps are known but if any are identified during the development of the SDMP then field verification will be required.

Question 7   **Can the City expand on the LOMC Process that they are intending to use for the individual parcels? Is a LOMA or a LOMR path anticipated?**

> a) *Is the intent to use the SDMP modeling results to revise the entire floodplain as a whole for the City? Or is the plan to use the results as "best available" data for floodplain regulation?*

b) *Is there an approximate number of parcels that the City is anticipating for this process?*

Answer The LOMC process (LOMA or LOMR) used for removal of the individual parcels from the SFHA will depend on the findings from the SDMP modeling.

a) The intent is to use the SDMP modeling results to update/revise portions of the floodplain.

b) No. The number of parcels is not known.

Question 8 **Should the consultant submit proposal costs in a sealed envelope?**

Answer The entire proposal is to be submitted in 1 sealed envelope. The cost proposal is item 7 of the entire proposal and does not require a separate sealed envelope.

Question 9 **Will the 200-year 2D Hydraulic model need to include underground storm drainage facilities and smaller watersheds, or can it focus on overland flow paths only, including channels and major crossings, to only satisfy meeting SB5 requirements?**

Answer The 200-year 2D hydraulic model can focus only on overland flow paths including channels and major crossings.

Question 10 **Can the City provide a list (or map of coverage) of the stream hydraulic models (generally effective FEMA models) available from the City**

Answer Yes, the City will provide a list of the hydraulic models.

Question 11 **Is assessing Nolte flow conditions part of the assessment of City Standards and capacity determinations?**

Answer Yes, assessing Nolte flow conditions is part of the assessment of City Standards and capacity determinations but in some cases the Sacramento method will be required.

Question 12	**Under Task 6, does the City have a database of existing storm drains identifying size, inverts and pipe materials?**
Answer	The City has and will provide a database of the existing storm drains.
Question 13	**Under Task 8, will the impact fee assessment include the calculation and structuring of new fees?**
Answer	No, the task is to assess the construction costs of the proposed storm drainage improvements and O&M costs of the complete storm drainage system and compare them to the current impact fee assessments. The information will then be used by the City to structure new assessments in the future if needed.
Question 14	**On page 7 of the RFP under 7. Fee it says: "Upon completion of each task, the Consultant will notify the City and request payment for the products and services by submitting an invoice and a brief description of work performed during the billing period. (Emphasis added)" Does this mean that billing is task (and subtask) based (milestone billing) or that billing is monthly and invoices are broken down by task (and subtask)?**
Answer	The billing will be monthly and broken down by tasks and subtasks.
Question 15	**On page 14 of the RFP under Task 1 Project Management it says: "(T)he consultant shall prepare a Project Guide (Work Plan) and Project Schedule. The schedule shall be updated and submitted with a monthly Project Progress Report. The consultant shall also provide in writing a Quality Control/Quality Assurance procedure for the Project, which shall be submitted with the proposal." Does this mean that the QAQC plan should be submitted as part of the proposal responding the RFP or does it mean that the QAQC plan will be submitted along with the proposed work plan and schedule during Task 1?**
Answer	The QA/QC plan is to be submitted with the proposal responding to the RFP.