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CARLOS PABELLON
Director of Administration

CHARLES HICKLIN
Controller

DATE: June 27, 2017
TO: All Proposers of RFP #117067 – Professional Services for Engineering and Design of Sediment Removal in Dorn Creek
FROM: Pete Patten, Purchasing Agent
SUBJECT: ADDENDUM #1

The following answers are provided in response to questions received.

Question 1

Can the bathymetric survey be made available?

Please find the bathymetric survey (PDF and ASC documents) under the “attachments” heading on the danepurchasing.com website.

Question 2

What is the approximate quantity of material to be removed from the streambed?

The bathymetry cross sections have been included for analysis.

Question 3

Section 5.1 of the RFP states that "Consultant services are expected to start the third week in August 2017 and be completed by September 8". If work begins on 8/21 this only leaves 3 weeks to hold 4 meetings with Dane County and WDNR staff and complete the design. Please confirm this completion date is accurate. Is it possible to extend design period by either starting earlier than August 14 or ending after September 8?

The completion date for design services is correct and must be completed by September 8. Due to the RFP process including the contracting phase of this project, services likely won't be able to begin until the third week of August.

Question 4

Is there any flexibility on scope dates and duration?

No.

Question 5

Has any geotechnical work been completed on Dane County property adjacent to Dorn Creek (PIN 080929387000, 080929382000, 080929485001). If so can you share this information with us.

The Dane County property was previously a farm field. Data has been collected for soil properties and phosphorus from the site. Dane County used this site previously for dewatering of stream sediments.

Question 6

Have any other sites (besides Dane County property) been evaluated for dewatering?

At this time Dane County is intending to use their own property although WDNR land may be a possibility due to their needs for the material. For the purpose of submitting a proposal, assume that the Dane County property will be used.

Question 7

Is the final destination of the dewatered sediment determined or to be determined by the consultant? If the final destination is known, can you provide the location?

Dane County is anticipating the material to be stored on its own property to dewater for months to years. Dane County is open to locations/ideas from the consultant for material placement.

Question 8

Have wetlands in the vicinity of the project been delineated? Has the County property to be used for sediment dewatering been field evaluated for the presence of wetlands?

The area surrounding the stream is wetland. The property where the stream sediments were stored on was previously an agriculture field.

Question 9

Figure 2 – Most of the project work appears to take place off of Dane County Land. Please confirm that any sediment removed in adjacent project areas (i.e. WIWDNR land) must be transported back to Dane County Land for dewatering?

At this time, that is correct. Dane County is working with WDNR to see if they have any use/need for the material. For the purpose of submitting a proposal, assume that the Dane County property will be used.

Question 10

Is the county land identified in the map in the RFP intended to be the permanent disposal site for dredged materials? If not, does the RFP scope intend that identification of a permanent disposal site be part of the engineering design project?

Dane County is anticipating the material to be stored on its own property to dewater for months to years. Dane County is open to locations/ideas from the consultant for material placement.

Question 11

Has the County identified a preferred staging plan for sediment removal? If so can you share this information with us.

This work is part of the RFP (see section 5.1 E).

Question 12

Does the County have preferred access points and areas for construction access and staging?

At this point Dane County has identified the construction access and staging limited to the Dane County property identified in the map attachment.

Question 13

We anticipate 5 permits will be needed. If all of these permits applications are submitted on 9/18/17, we do not believe that all permits will be approved by early November. Please confirm that the expected start date of November is accurate.

As indicated in the RFP (section 1.2), a small test area of Dorn Creek has undergone sediment removal. To do so, Dane County has submitted permit information to WDNR and have received approval. Dane County will be expanding the scope to be 2.3 miles and from discussion with WDNR the permit will be amended or new chapter 30 permit issued.

Question 14

Will USACE involvement and permitting be required?

Yes. Dane County has a current permit for dredging within this area that will need to be modified.

Question 15

Please clarify permitting that is expected as part of these services.

Dane County will be responsible for submitting permit materials.

Question 16

Have studies been conducted for threatened and endangered invertebrates species for this work?

Dane County has removed sediment within this area (see section 1.2) currently and WDNR have performed this review and provided permit issuance.

Question 17

Item 1.2 of RFP, page 5: Have any permits been started by the County; if so, which ones? For example, has it determined that a WPDES permit is required for the dewatering filtrate; if so has a permit application been started?

Dane County has received appropriate permits to perform removal in a small section of stream (see section 1.2). In discussion with WDNR, Dane County will need to resubmit for permit issuance.

Question 18

Will the County please provide correspondences with WDNR regarding the NR 347 sampling and results?

Data was submitted alongside with the permit and final correspondence was issuance of the permit for the work.

Question 19

Given the volume of sediment to be removed, an individual WDNR Chapter 30 dredging permit may be needed (required for sediment removal volume over 3,000 cubic yards). These individual permits require a 30-day public notice and possible public hearing and can take up to 90 days to get issued (if public hearing is needed). The permit issuance date would be December 18 (90 days from September 18) which is significantly beyond the construction start date of early November. If a public hearing is needed, a construction start date would probably need to be pushed back until early spring of 2018?

Dane County is working closely with partners at WDNR and they are informed of the project to improve permitting efficiencies and time periods. Dane County will be performing on a parallel track to collect sediment samples and submit to WDNR.

Question 20

Does the County have specific habitat enhancement goals or defined locations for habitat enhancements?

Dane County does not have specific goals at this time. It is expected that meetings will include other partners such as the WDNR to discuss any specific items together as a team.

Question 21

Did the small removal effort include bank stabilization measures and/or habitat enhancements?

The small effort did not include bank stabilization and habitat measures. Dane County monitored this stretch over a short duration and has found the banks to be intact and stable. In terms of habitat, once the material was removed, fish and turtles were found more prevalent in the area.

Question 22

Can the County please provide additional description as to what they are looking for regarding 'Engineering Services' as differentiated from 'Design Services' in terms of consultant qualifications?

Proposals should include all staff qualifications that will be a part of this project. Engineering services qualifications and design services qualifications will be evaluated in the same manner.

Question 23

Item 1.2 of RPF, page 4: The Scope of the Project discusses ".....sediments will be dewatered on Dane County property." Does the County have a topographic map of the proposed property at sufficient contours (e.g., 1 ft contours) to support design activities?

Dane County will provide LIDAR data to the awarded consultant.

Question 24

Does the county anticipate debris management as a significant design element?

During the pilot test removal, Dane County found an abundant amount of small sticks and leaves within the sediment that also will need to be removed. Trash and other debris was not found during the test removal.

Question 25

Please clarify if the estimated timeline of events to complete this project refers to the engineering design/bidding/procurement or through construction completion reporting and permit close-out?

At this time the current RFP is intended to last through design/bidding phase. Construction oversight will be a separate or amended contract.

Question 26

Section 5.1 Proposal and Objectives- 2nd paragraph - "The removal process of stream sediments should be conducted in a manner to minimize impacts to adjacent wetlands using hydraulic techniques." Does this imply the only means of removing sediment must be hydraulic? What about wet mechanical and/or dry mechanical sediment removal methods- can these be considered as part of the design?

At this time, Dane County has identified hydraulic techniques to be least environmentally destructive and cost effective. However, if the consultant has different ideas on other methods they may be considered but they will need to be justified with environmental consequences, costs, timing, etc.

Question 27

Will the native file formats of those data be available to the selected engineer?

Yes.

Question 28

Please clarify if the construction oversight opinion of cost is to include water quality monitoring laboratory analytical costs?

Dane County intends to perform the water quality monitoring due to the existing relationship and cost structure with the laboratory. If the consultant is equipped and can provide a desirable outcome, the cost can be included as separate line item.

Question 29

What level of survey accuracy is required for construction oversight quality assurance surveys (e.g. +/- 0.01 ft. vs 1 ft. horizontal and vertical)?

The survey shall be conducted with current available precision survey equipment such as survey grade GPS, Total Station, or equivalent.

Question 30

Does the construction oversight quality assurance survey need to be stamped by a professional land surveyor?

Dane County will require as built submittals conducted by a licensed Professional Engineer.

Question 31

Can a subcontractor of the proposing firm's team also subsequently bid on construction?

Yes. The construction phase will likely be bid out and therefore open to all vendors that can complete the project.

Question 32

Section 1.1 references a Study Dane County Land and Water Resources Department and partners conducted that show stream sediments are a source of phosphorus. Is this published data? Can we get a copy of the study prior to submitting our proposal?

This data is being prepared for publication and the report is not available at this time.

Question 33

Section 1.2 Scope of Project- Page 4 last paragraph - "The sediments were tested per chapter NR 347 and NR 500.08 and have been determined that the spoils may be placed on RFP #117067 5 adjacent land."- Does this sediment sampling refer to the sediments analyzed for the entire 2.3 mile reach of Dorn Creek or just the smaller 300 feet pilot sediment removal project that the County already performed?? If for the smaller pilot project, an additional sampling plan may need to be developed and approved by the WDNR, samples collected and analyzed and results submitted to the WDNR for on-site disposal. (This may take from four to six weeks which exceeds the four-week design window from August 14 to September 8).

Dane County is assuming responsibility for collecting samples and submitting to WDNR in parallel to ongoing work.

Question 34

No mention is made in the RFP regarding wetland delineation services. Have necessary wetland delineations already been performed, or should they be a part of the engineer's scope of services? Is there a specific area within the project limits where delineations are known or expected to be required? Are there areas where delineations are known to not be required?

The area surrounding the stream is wetland. The property where the stream sediments were stored on was previously an agriculture field. Wetland delineation is not required as part of the scope of services at this time.

Question 35

Will an analysis of changes to stream hydraulics and morphology be required for the project?

The minimum requirements of the RFP are listed in section 5.1. Other analysis may be provided in the consultant RFP but still should maintain meeting the project outcomes and deadline.

Question 36

Is there any history of dredging or excavation along this stream reach and if so, is there any documentation available?

Dane County removed a 300 foot stretch of sediments in 2016 (see section 1.2). From historical photos, an agricultural ditch was dredged just downstream of Highway M on the west end of the project. The current stream flows into the ditch. Documents associated with the construction of the agriculture ditch are unknown.

Question 37

Will the use of a hydraulic mini-dredge be the required method of construction, or could other methods be acceptable?

At this time, Dane County has identified hydraulic techniques to be least environmentally destructive and cost effective. However, if the consultant has different ideas on other methods they may be considered but they will need to be justified with environmental consequences, costs, timing, etc.

Question 38

Is a preliminary or conceptual estimate of dredging quantity available?

The bathymetry cross sections have been included for analysis.

Question 38

Is preparation and negotiation of easements to conduct dredging and/or dredged material transport part of the project scope?

Not at this time.

Please acknowledge receipt of this addendum by noting "Addendum #1 Received" on the bottom of the Signature Affidavit when you submit your bid. If you have any questions regarding this addendum, please contact me at 608-267-3523.

Sincerely,

Pete Patten
Purchasing Agent