PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM
2011-2014 Annual LiDAR and Aerial Photography RFP

1) What is the budget for this project?

Budget information is not being provided under the Request for Proposals (RFP). Contractors are asked to submit budgets in accordance with RFP requirements.

2) Are push-broom style sensors permissible for this project (not capable of producing "photocenters" as a deliverable)?

The intent of the photocenter deliverable is to provide a time frame of reference to relate imagery very closely to flow conditions at the time of acquisition of a particular area. Final delivery should include a similar product that will allow this type of comparison. Any system capable of producing quality imagery/LiDAR products as described in the RFP is acceptable.

3) The RFP explains that the entire dataset is to be delivered in Nebraska State Plane feet. However, the LiDAR tile requirement is to match the previously delivered metric tiles. Should the contractor develop a tiling scheme for the LiDAR in state plane feet?

The tiling system is intended to match previous deliveries. However, we can be flexible and work with the contractor to determine a tiling scheme best suited to the file size, projections, and Program needs.

4) What is the maximum file size for LiDAR tiles?

At this time, we have not determined a maximum allowable file size for a tile. Past deliveries have typically been in the 300-500 MB range.

5) Are there any accuracy standards to adhere to, such as NMAS or ASPRS Class 1 for the aerial photography portions of the project?

We did not expressly define horizontal accuracy for the aerial imagery, and instead asked that the contractor indicate the design accuracy with each proposal. The terrain of interest is primarily rural, relatively flat countryside and river channel. As a guideline, we would expect accuracies around ASPRS Class 1-2 for 1"=400', but contractors may deviate from that and proposals should include expected accuracy where appropriate - and it may differ depending on which, if any, buy-ups are being described.

6) Regarding Alternate Solutions (Buy-ups) in Section IV of the 2011-2014 Annual LiDAR and Aerial Photography RFP, can you please answer the following questions?

  a) What types of hyperspectral imagers do you require for this collection - VNIR, SWIR or both?

   The purpose of this buy-up is to enhance the ability to classify/model vegetation, as in Alternate 5. VNIR is likely sufficient, but we will rely on the contractor's work experience to recommend the product best suited to that purpose.

  b) What is the desired resolution of the hyperspectral imagery – 0.5 meter, 1 meter or 2 meter?

   As this buy-up would be a replacement for the 2-foot CIR imagery specified in Sub-project 2, we would require resolutions around 2-foot for the hyperspectral products. The contractor may propose multiple resolutions/costs for this alternative.

  c) What spectral data processing is required of the collected hyperspectral imagery? If so, will you provide target spectra(s) for the spectral data classification work?

   As stated in the buy-up language, products would include a mosaic image for both CIR and true color. Additional processing should support the purpose stated above (vegetation classification in support of a digital elevation/vegetation model as in Alternate 5)

7) Will ground control from previous acquisitions be made available for this project?

Ground control from previous projects will not be available for this project. Proposals should include ground control in the project description and total budget (does not need to be itemized).

8) Are there any registration or prequalification requirements for this RFP?

There are no additional registration or prequalification requirements. All submittal requirements are described in the RFP.