



## **Addendum No. 2**

### **Invitation to Tender ES-19-05 Aerial Survey Services – Regional Landfills**

The addendum is being issued prior to the closing of the Invitation to Tender to provide further information, make changes to, or to clarify the Contract Documents and is to be read, interpreted and coordinated with all other parts of the Contract Documents. In the case of a conflict with the balance of the documents, this Addendum shall govern. **Tenderers shall attach a signed copy of this addendum to their tender.** This addendum shall form part of the Contract Documents.

**Question:** In regards to Appendix “C” – Survey Specifications; “*Aerial Surveys are carried out to determine, with high accuracy*” can you elaborate with a quantifiable number the level or accuracy required. For example, the required relative accuracy (position and elevation accuracy within the map) and absolute accuracy (position and elevation accuracy of the map within the world) expressed in MAE (mean absolute error)

**Answer:** See Appendix C, Page 23

**Question:** To what level of accuracy is required for the deliverables? Do you have specifications in terms of absolute and relative with two standard deviations?

**Answer:** See Appendix C, Page 23. It is up to the proponent to state the horizontal and vertical accuracies they are proposing.

**Question:** What are the specifications for contours? I see the 1m is has been provided previously, but do you have labelling requirements and at what intervals (minor vs major)? Colour specifications?

**Answer:** See Appendix C, Page 23

**Question:** For the DWG, I see that the sample on the cover page includes property boundaries, fence lines, roads and etc. Will specifications be provided are those as well?

**Answer:** Any of the above files that exist, will be released to the successful bidder. See Appendix C, Page 23

**Question:** The scope refers to three map sheets detailing the property boundary, working area, and etc in Appendix C. I can't seem to locate those documents, the Appendix D drawing does not feature the elements as described.

**Answer: (below)**

**Clarification,**

**Page 23, Appendix C, Survey Specifications, Item 7 currently reads,**

"7) Three (3) Map sheets will be provided for each site and will include as follows;  
a. (1) one showing property boundary, (see Appendix C)."

**Page 23, Appendix C, Survey Specifications, Item 7 should read,**

7) Three (3) Map sheets will be provided for each site and will include as follows;  
a. (1) one showing property boundary, (see Appendix D)

**Question:** What are the min absolute accuracy requirements?

**Answer:** See Appendix C, Page 23. It is up to the proponent to state the horizontal and vertical accuracies they are proposing.

**Question:** What are the min GSD requirements?

**Answer:** See Appendix C, Page 23.

**Question:** Are the sites Operational when they are surveyed, (ie. will workers and members of the public be at the landfill sites)?

**Answer:** See Section 11, Page 13

**Question:** What coordinate system, both horizontal and vertical should the data be delivered in?

**Answer:** See Appendix C, Page 23

**Question:** Confirm Section 4 from Schedule C refers to Orthophotos and not the Raw Data.

**Answer:** See Appendix C, Page 23

**Question:** Are there any permanent Ground Control Points on site from previous surveys? If so, do we have access to the coordinates?

**Answer:** Any of the files that exist will be released to the successful bidder.

**Question:** Will we have access to a set of deliverables which have been submitted previously if we are successful in the bid?

**Answer:** Any of the files that exist will be released to the successful bidder.

**Question:** The RFP document mentions that the successful proponent would have access to the data from all previous surveys of each landfill. I am wondering if this data includes coordinates of suitable ground control points, and if so, are the associated physical landmarks still present?

**Answer:** Any of the files that exist will be released to the successful bidder.

**Question:** The RFP mentions that all the sites have previously been surveyed. Prior to aerial photo acquisition, targets will need to be placed. Are the previous target locations available – is there a permanent point that can be retargeted. If so, would the RD do this? Or, do we need to establish the control for each site?

**Answer:** All sites have been previously surveyed. Any of the files that exist will be released to the successful bidder.

**Question:** Any specific pixel resolution for the orthophoto?

**Answer:** See Appendix C, Page 23.

**Question:** Is the successful proponent responsible for completing a legal survey boundary retracement?

**Answer:** No. All sites have been previously surveyed. Any of the files that exist will be released to the successful bidder.

**Question:** Were the legal boundaries of the site previously retraced?

- a. If so, will they be part of the data package provided to the successful bidder?
- b. If not, will the information package supplied to the successful bidder include current parcel mapping?

**Answer:** Refer to Appendix D for Site Boundaries.

March 11, 2019

Addendum No. 2 Received.

\_\_\_\_\_  
Signature of Tenderer

\_\_\_\_\_  
Name of Tenderer

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