

## ADDENDUM A-02

Project:	<b>Request for Tender – DRFM Tree &amp; Shrub Procurement &amp; Planting 2022-11-01</b>
Addendum:	<b>A-02</b>
Date:	<b>November 22, 2022</b>
Location:	<b>Flood Mitigation Berm Projects - Newcastle, Midland, Grove Plaza Willow Estates</b>

### To All Bidders:

#### 1. General

- 1.1. This addendum shall be read in conjunction with the Specifications prepared for the Request for Tender - Tree & Shrub Procurement & Planting 2022-11-01.
- 1.2. Where inconsistent with the above, this addendum shall govern. This addendum forms an integral part of the Contract Documents and shall be included therein.
- 1.3. No consideration shall be allowed for increases (extras) to the CONTRACT PRICE due to failure of the Contractor or Subcontractor not being familiar with this addendum.
- 1.4. The Bidder shall insert in the Tender Form the number(s) of the addenda received by them during the tendering period and taken into account by them in preparing their tender.

#### 1. QUESTIONS / CLARIFICATIONS

1. Is the maintenance period of 2 years for mowing of sodded and seeded areas based off of the 50m<sup>2</sup>/100m<sup>2</sup> repair amount or is it the mowing of ALL sodded and seeded areas over the entirety of the project. (sections installed through Contract 1)

**Clarification: Mowing of sodded and seeded areas during the Maintenance Period will be limited to the areas disturbed/repaired as part of this contract NOT areas of sod and/or seed installed through Contract 1.**

2. Are shrub and seedling areas meant to be in planting beds with mulch?

**Clarification: It varies. Wood mulch areas are identified on drawings (refer to legends). Typically, the use of wood mulch is limited to the 'dry side' of the berm; as indicated in drawing notes, mulch is NOT to be used along wet side of berm or in naturalized areas.**

3. In the Midland package, there are grey and yellow highlighted pathways. Are those to be installed? is there a line item for those components?

**Clarification: The grey and yellow highlighted pathways are shown for context and not part of this contract. They are being installed as part of a previous contract / scope of work.**

4. The drawings refer to "plug" plantings. Are these the same as seedlings on the unit price schedules?

**Clarification: 'Plug' shall be used interchangeably with 'seedling' in reference to plant material.**

5. The drawings refer to "tree removals". There is no allowance for this item on the unit price schedules, has this already been done?

**Clarification: All tree removals have been completed as part of a previous contract/scope of work.**

6. Where can the excavation material be disposed of?

**Clarification: The Contractor is responsible for disposal of unsuitable excavated material off site, either by setting up an account and using the Drumheller & District Solid Waste Management location (2500 Highway 10 East); or by other arrangement of the Contractor's making. It is estimated that there will be 10cm of topsoil on site in the planting bed areas, which can be salvaged and reused for planting medium.**

7. What type of soil mixture is required for planting mediums? Is existing on-site topsoil available? Or is imported topsoil required?

**Clarification: Please refer to Section 32 90 00 – Exterior Landscape Maintenance, Section 2.2 – Planting Medium and Peat Moss for requirements. It is estimated that there will be approximately 10cm thick topsoil on the planting bed areas, which may be salvaged and reused. Any shortfall in growing medium will need to be made up by import of material to site by the Contractor.**

8. The planting notes refer to erosion control matting required on all slopes greater than 3:1 to be seeded? Please provide area (sq.m) requiring matting.

**Clarification: Seeded areas as part of this contract are limited to areas disturbed/repaired to execute the scope of work (to accommodate installation of trees and shrubs). For pricing purposes, please refer to revised Schedule of Prices (Tender Forms and Excel spreadsheets), Section F – Provisional Items.**

9. The planting notes state an arborist supervision is required for any development and construction within 6 meters of existing vegetation. Will this be applicable? If so, who will be providing the arborist?

**Clarification: This will be applicable; Contractor will be responsible for providing arborist oversight.**

10. Poplar varieties being utilized - the balsam poplars which is the same as the Black Cottonwood selection tend to ooze orange fluid after being dugged and is almost always flagged by city officials as canker even though it is not a true canker disease. Nothing we can do on our end as these orange flow usually occurs once the trees have been stressed which the stress in this case is caused by me harvesting them from our fields and planting them into the landscape. Can we get a written notice that these trees will not be rejected based on this oozing as long as the overall canopy is healthy and alive? I have attached a few letters from previous projects as well as a clipping from a disease book to help illustrate what I am discussing about. If any oozing is going to be an issue, then I would highly recommend changing to a different poplar tree altogether like Northwest, Assiniboine, Trembling Aspens, etc.

**Clarification: For the purposes of this tender, Plains Cottonwood (*Populus deltoides*) or Balsam Poplar (*Populus balsamifera*) are acceptable substitutes for Black Cottonwood. Additional substitution requests may be considered as part of the formal submittal process at time of procurement.**

11. Size requirements - if we are unable to fully find all varieties at the required spec sizes, can we utilize 60mm size instead of 70mm and #10/#5 potted size instead of #15? I will do everything I can and currently looking into finding these trees at your requested sizes but it may become difficult due to the tree and shrub shortage being faced across North America. If #20 or 80 to 100mm sizes are available, will this also work instead?

**Clarification: For the purposes of this tender, please provide pricing for specified plant material, including species (reference botanical name for clarity) and minimum size. For caliper specimens, acceptable size should be within +/-10mm (i.e.: if 70mm caliper is specified, please source/price plant material with caliper 60-80mm). Substitution requests may be considered as part of the formal submittal process at time of procurement.**

12. Toba hawthorne - this variety is not as healthy and resilient in Alberta compared to the snowbird, is it appropriate to substitute toba to snowbird? We can find you toba but in my own fields I am noticing more disease issues with the toba and they tend to have more winter damage compared to the snowbird.

**Clarification: Snowbird Hawthorn shall be an acceptable substitute for Toba Hawthorn.**

13. Black Cottonwood is a zone 4a and is found in BC. Balsam is very closely related and it's found east of the Rockies vs west like black cottonwood so before I can assume, you are wanting balsam for black cottonwood correct?

**Clarification: The DRFM Arborist previously confirmed there are Black Cottonwood in the area. *Populus trichocarpa* / *Populus balsamifera* subs. *trichocarpa* (Black Poplar/ Black Cottonwood/Western Balsam Poplar) is a recommended tree replacement in the “*Drumheller Valley - Preserving the Urban Forest Standard and Techniques*” Guide.**

**End of Addendum A-02**