TO: ALL PLANHOLDERS

This Addendum No. 01 amends the Bid Documents, Drawings, and Specifications dated May 15, 2020, as prepared by:

Five Rivers MetroParks
409 E. Monument Ave., Third Floor
Dayton OH 45402-1374
(937) 275-7275

This Addendum consists of the following changes to the Contract Requirements:

1. Change the bid opening location from 409 E. Monument Avenue, Third Floor, Dayton, OH 45402-1374 to RiverScape MetroPark Pavilion, 237 E. Monument Ave, Dayton OH 45402-1374. Bids are to be delivered to the original address. The bid opening is to take place at an exterior space in an effort to prevent the spread of Covid-19. One representative for each bidder will be permitted at the meeting. All participants are reminded to wear a mask and to practice social distancing during the bid opening.

2. On Contract Drawing Sheet 2 of 3, replace the drawing note “Close gravel access drive per Five Rivers MetroParks Specifications” with the following requirements:

“The Contractor shall remove excess gravel from the access drive and turn the soil with a backhoe or other machine suitable for this work. Re-seed as specified. The Contractor shall place woody (tree) debris to cover approximately 400 SF at locations designated by the Owner. This allows the area to rest and slowly restore itself to a natural state. The cost for this work shall be incidental to Bid Item 5b.”

3. Replace Specification Section 02930 LAWNS with attached “Appendix A, Specifications for Installing Prairie Seed in Disturbed Areas.” The cost for this work shall be incidental to Bid Item Nos 1-4 and shall be included in the bid amount for each item.

4. The Contractor shall recondition any existing lawn areas damaged by the Contractor’s operations, including but not limited to storage of materials or equipment and movement of vehicles, all in accordance with “Appendix A, Specifications for Installing Prairie Seed in Disturbed Areas.” The cost for this work shall be incidental to Bid Item No. 00, Base Bid, General Conditions, Temporary Facilities and shall be included in the bid amount for that item.
Appendices

Appendix A - Specifications for Installing Prairie Seed in Disturbed Areas

Contents

Part 1: Environmental Requirements  
Part 2: Preparation and Soil Amendments  
Part 3: Seed  
Part 4: Establishment, & Warranty Requirements

Part 1: Environmental Requirements

1.) Optimal conditions for successful seed installation are in Spring from whenever the ground is of suitable and workable condition until approximately May 20th, or Autumn between approximately September 1st to October 15th as specified. Should the Contractor choose to install the specified seed for final acceptance outside of the recommended time frames, the Warranty Requirements must still be met by the beginning of the second growing season. If site is prepared at any other time of the year, it is recommended to stabilize with the following seed mix per acre until such time that proper installation can occur:

   64 lbs/acre: seed oats (Avena sativa)  
   25 lbs/acre: annual ryegrass (Lolium multiflorum)

2.) Under no circumstances shall the site be stabilized with winter rye, grain rye, or winter wheat. These plants produce toxins that inhibit prairie seed germination.

Part 2: Preparation and Soil Amendments

Prior to planting and/or reseeding of any disturbed areas, Contractor shall apply a non-selective herbicide to all planting areas per manufacturer’s recommendations to eradicate all existing vegetation in the planting areas. Multiple applications may be required.

Backfilled basement foundations

1.) The top 3-feet of soil profile minimum of backfill shall be free of large foreign debris such as boulders and or concrete fill materials.

2.) The top 6-inches of backfill shall be a quality topsoil and culti-packed prior to installation of seed and meet the same requirements for other disturbed areas as detailed below.

Disturbed areas shall be amended as follows:

1.) Gravel and debris larger than 1-inch diameter shall be mechanically removed from the top 6-inches of soil.
2.) Incorporate 1.5” of “Com-Til Compost” or approved equal into the top 6-inches of the final soil surface using agricultural disc method. Tilling will not be accepted. Compost shall be created only with wood chips and not saw-dust.

3.) Prepared site shall have a firm seed bed. If walking compacts soil over ½ inch, the site shall be culti-packed.

**Part 3: Seed**

Seed mixture

- 20% Creeping red fescue
- 20% Chewing fescue
- 20% Sheep fescue
- 10% Annual rye
- 10% Hard fescue
- 20% Little bluestem

Seeding rate shall be a minimum of: 5 lbs/1,000 sq. ft. 220 lbs/acre

1.) All native seed shall be stored, handled and transported per manufacturer’s recommendations. All native seed must be of wild ecotype. No hybrids or cultivars may be included. Seed shall be a local genotype.

**Part 4: Installation, Establishment, & Warranty Requirements**

Examination

1.) Verify the site is within 2-inches of specified grade (if applicable). Verify that seedbed is sufficiently firm per specifications herein.

2.) Verify that the site is clean and free of debris larger than 1-inch.

Preparation

1.) If vegetation exists on the disturbed site, apply a glyphosate herbicide at least three days prior to installation on all actively growing vegetation per chemical manufacturer’s specifications. Never apply fertilizer to the site.

2.) The seed blend is best planted on a prepared site from which all weeds or competing species have been removed in early fall or early spring as specified. Spring has the advantage of early-season soil moisture, while early-fall plantings have the advantage of fewer competing weeds. The seeds can be hand-broadcast or distributed with a grass-seed spreader and should be lightly raked in. Depending upon conditions, germination can be expected in one to two weeks.

3.) This seed blend does not need to over-winter to break germination inhibitors. Seeds sown in late fall or winter will lie dormant until spring. Even sandy soils can suit it but frequent watering may be necessary on very dry sites or in dry seasons until the plants are established for optimal growth.
Establishment & Warranty Requirements

1.) Contractor shall be responsible for ensuring an approximately 50% or greater survival rate of installed seed. All species shall be represented upon establishment with the exception of annual rye in the second growing season.

Warranty - for acceptance at the beginning of the second growing season, the following conditions shall be met:

1.) Coverage – Acceptance will be determined by the site being an average of 60% covered, with no bare areas greater than 3 feet by 3 feet.

2.) Presence - 100% of the species planted must be alive and present.

3.) Abundance - 40% of the vegetation must be native species of the permanent installation.

End of Bid Addendum No. 01