

## **City of Mt. Pleasant Bid Specifications**

**BID ITEM: Island Park Field Reconditioning**

**BID DATE: 4/1/2014**

### **Section I -General Bid Description**

Reconditioning of two softball infields at Island Park per specifications listed below. All equipment, materials, and field conditioning products to complete the project must be included.

**A. Location**

**1. Site Address**

- I. Island Park 331 N. Main Street, Mt. Pleasant, MI - Fields #2 and #3

**B. Field Specifications**

1. All applied field conditioning product must be mechanically engineered soil mix listed in Section II below.
2. Survey and measure to provide accurate project estimate.
3. Survey and assess drainage capacity.
4. Provide at least three (3) core samples at various locations on each field a minimum of 6-8 inches deep. Core samples shall be assessed by contractor and owners in determination of tilling depth.
5. Trim to remove lips along the edges.
6. Removal of debris and other non-essential materials.
7. Laser grade infields prior to base layer of field soil mix.
8. Install a minimum of 15 tons of mechanically engineered soil mix to be mixed with existing field soil.
9. Rototill the soil mix a minimum 4-6 inches into existing field surface.
10. Re-laser grade fields after initial mix of mechanically engineered soil and existing field soil.
11. Top dress field with minimum 35 tons of mechanically engineered soil mix.
12. Install mound clay to 8 ft radius pitching circle.
13. Install clay bricks to batters boxes.
14. Compact surface of infield to minimum 90% with one ton roller.
15. Hand finish all edges of infield playing surface.
16. Final groom provided for play.
17. Final grooming shall be free of any divots, depressions or other areas that may cause retention of water.

### **Section II – Field Conditioner Product Specifications**

1. Total sand content shall be 70-75 percent.
2. Total combined amount of silt and clay shall be 25-30 percent.
3. The ratio of silt divided by clay shall be 0.5 - 0.1.
4. No particles shall be greater than 3 millimeters.

### **Section III - Mound Clay Product Specifications**

1. Total sand content shall be 15-28 percent.
2. The overall clay content shall be greater than 30 percent.

3. The ratio of silt divided by clay ration shall be 0.75 - 1.25.

**Section IV - Installation – Contractor Responsibilities**

1. Installer of product shall provide a minimum of 4 documented successful installations of projects that are similar and use same material.
2. Installer must have documented experience in laser grading softball or baseball infields.
3. Installer shall provide a minimum of 3 reference contacts complete with phone number and email for investigation and verification.
4. Installer must have experience using all hardware and equipment needed to complete project per specifications.

**Section VI - Installation – Timeline**

- A. Proposed Notice of Award - April 16, 2014
- B. Project Totally Complete – May 15, 2014

**Section VII - Installation – Additional Information**

- A. Provide Installation Plans including
  - a. Detailed plan of mound construction.
  - b. Detailed plan of batter’s box construction.
- B. Utilities
  - a. Prior to construction, a MISS DIG will be ordered to determine is any utility lines will interfere with construction.
  - b. Contractors will be expected to exercise all due care to avoid utility lines should they be present.
- C. On-Site Vehicles
  - a. Only vehicles and equipment used to recondition fields shall be permitted on ball fields.
  - b. All transportation and heavy equipment shall be parked and stored on paved areas.
- D. Contractor Requirements
  - a. No bonds will be required
  - b. There is no prevailing wage requirement
  - c. No certified payroll will be required

**Section V – Bid Alternate**

Provide Costs for field reconditioning per specifications listed above in sections I – IV for two (2) additional softball fields located at the addresses below:

1. Island Park: 331 N. Main St, Mt Pleasant, MI 48858 - Field #1
2. Horizon Park: 1535 Sweeney St, Mt Pleasant, MI 48858