

## **Material Specifications**

### Parks, Athletic Field, Cemetery, Memorial & Landscaped Islands Grass Seed, Fertilizer & Infield Conditioner Specifications

#### Scope:

1. The purpose of this seed, fertilizer, infield conditioner and other turf products bid is to provide the City of Worcester the opportunity to create an agronomic plan that fits the needs of each individual park, athletic field, cemetery, and other sites including memorials and landscaped islands. This bid will allow the City of Worcester to follow its IPM practices along with the flexibility to keep up with the ever-changing soil, weather, plant diseases, weed growth, and insects that effect our facilities.
2. This bid shall be from award until December 31, 2024, with agreed upon renewals as follows:  
First renewal January 1, 2025, to December 31, 2025  
Second renewal January 1, 2026, to December 31, 2026

#### Specifications:

1. This specification describes the types and the mixtures of seed that will be used on the Department of Public Works and Parks, Parks, Recreation and Cemetery Division: Parks, athletic fields & cemetery and other sites including memorials and landscaped islands.
3. The City of Worcester Department of Public Works and Parks, Parks, Recreation, & Cemetery Division is requesting numerous types of seed for use on these facilities.
4. The City of Worcester Department of Public Works and Parks, Parks, Recreation and Cemetery Division is requesting numerous types of fertilizer for use on these facilities.
5. The City of Worcester Department of Public Works and Parks, Parks, Recreation and Cemetery Division is requesting numerous types of insecticide and fungicide for use on these facilities.
6. The City of Worcester Department of Public Works and Parks, Parks, Recreation and Cemetery Division is requesting numerous types of infield conditioners for use on these facilities.

## **SEED BID**

### **Seed Type #1**

The following combination of seed is required for each pound for Seed Type #1:

50% Perennial Ryegrass, type to be considered include Gray Hawk perennial Rye or equal.

50% Premium Kentucky Bluegrass, type to be considered include Full Moon Kentucky Bluegrass or equal.

Weed and crop seed must be less than 1% of total mixture per bag.

Inert matter must be less than 1% of total mixture per bag.

Each seed bag shall be well mixed to ensure proper distribution of each type of seed.

Germination rate for all grass seed must be equal to or above 90%.

Each seed bag shall be from the current crop with date no older than 6 months.

Each seed bag shall have certificates and be marked stating contents and mixture.

### **Seed Type #2**

This shall be a Rye & Kentucky Blue blend with the following combination of seed is required for each pound for Seed Type #2

80% Perennial Ryegrass

40% Perennial Ryegrass, types to be considered include Silver Sun or equal.

40% Perennial Ryegrass, types to be considered include Gray Wolf or equal.

20% Kentucky Bluegrass

20% Kentucky Bluegrass, type to be considered include Full Moon or equal.

Weed and crop seed must be less than 1% of total mixture per bag.

Inert matter must be less than 1% of total mixture per bag.

Each seed bag shall be well mixed to ensure proper distribution of each type of seed.

Germination rate for all grass seed must be equal to or above 90%.

Each seed bag shall be from the current crop with date no older than 6 months.

Each seed bag shall have certificates and be marked stating contents and mixture.

### **Seed Type #3**

This shall be a three-way Rye blend with the following combination of seed is required for each pound for Seed Type #3

100% Perennial Ryegrass, types to be considered include Certified Commander, Assure Perennial Ryegrass or equal.

Weed and crop seed must be less than 1% of total mixture per bag.

Inert matter must be less than 1% of total mixture per bag.

Each seed bag shall be well mixed to ensure proper distribution of each type of seed.

Germination rate for all grass seed must be equal to or above 90%.

Each seed bag shall be from the current crop with date no older than 6 months.

Each seed bag shall have certificates and be marked stating contents and mixture.

### **Seed Type #4**

This shall be a performance see mix blend with the following combination of seed is required for each pound for Seed Type #4

60% Tall Fescue

30% Tall Fescue, type to be considered include Saltillo or equal.

30% Tall Fescue, type to be considered include Rain Dance or equal

30% Perennial Ryegrass, types to be considered include Gray Hawk or equal.

10% Kentucky Bluegrass, type to be considered include Jumpstart or equal.

Weed and crop seed must be less than 1% of total mixture per bag.

Inert matter must be less than 1% of total mixture per bag.

Each seed bag shall be well mixed to ensure proper distribution of each type of seed.

Germination rate for all grass seed must be equal to or above 90%.

Each seed bag shall be from the current crop with date no older than 6 months.

Each seed bag shall have certificates and be marked stating contents and mixture.

\*\*\*\* ALL SEED MIXTURES MUST MEET TURFGRASS WATER CONSERVATION ALLIANCE (TWCA)  
FOR DROUGHT TOLERANCE. \*\*\*\*

*\* Worcester Department of Public Works and Parks, Parks, Recreation, & Cemetery Division reserves the right to decrease or increase the amounts purchased depending on the need of the Department.*

Actual amounts purchased may vary depending on the need of the Department.

Total amount of seed requested for the purpose of this bid is estimated to be 56,000 pounds. This is not a firm quantity; amounts may vary and will be purchased on an as needed basis.

Shipments over twenty (20) fifty (50) pound bags will be delivered within two weeks of the order date. All others shall be delivered within three business days of order.

The specific mixture must be quoted in writing along with the cost per fifty-pound bag and a total cost.

The cost of this product is to include delivery to the Department of Public Works and Parks, Parks, Recreation and Cemetery Division Administration office or alternative site with-in the City of Worcester.

## **FERTILIZER**

The total fertilizer amount to be delivered is estimated at 60,000 pounds in fifty (50) pound increments in total and will be purchased on an as needed basis.

The total liquid fertilizer amount to be delivered is estimated at 50 gallons in 64 ounce, one, two or two & half gallon containers in total and will be purchased on an as needed basis.

The total insecticide amount to be delivered is estimated at 10,000 pounds in forty (40) pound increments in total and will be purchased on an as needed basis.

The total fungicide amount to be delivered is estimated at 10,000 pounds in forty (40) pound increments in total and will be purchased on an as needed basis.

The total infield conditioner amount to be delivered is estimated at 30,000 pounds in forty (50) pound increments & 800 Bricks in 8/packs in total and will be purchased on an as needed basis.

*\* Worcester Department of Public Works and Parks, Parks, Recreation, & Cemetery Division reserves the right to decrease or increase these amounts depending on the need of the Department.*

Actual amounts purchased may vary depending on the need of the Department.

Shipments over twenty (20) fifty (50) pound or forty (40) pound bags will be delivered within two weeks of the order date. All others shall be delivered within three business days of order.

The cost of this product is to include delivery to the Department of Public Works and Parks, Parks, Recreation and Cemetery Division Administration office or alternative site within the City of Worcester.

## **ATHLETIC INFIELD CONDITIONER**

The total athletic infield conditioner amount to be delivered is estimated at 50,000 pounds in fifty (50) pound increments or block of 8 of each type and will be purchased on an as needed basis.

*\* Worcester Department of Public Works and Parks, Parks, Recreation, & Cemetery Division reserves the right to decrease or increase these amounts depending on the need of the Department.*

Actual amounts purchased may vary depending on the need of the Department.

Shipments over twenty (20) fifty (50) pound or forty (40) pound bags will be delivered within two weeks of the order date. All others shall be delivered within three business days of order.

The cost of this product is to include delivery to the Department of Public Works and Parks, Parks, Recreation and Cemetery Division Administration office or alternative site within the City of Worcester.

## PRICING SHEET

### SEED (APPROXIMATELY 56,000 LBS)

Bidders to bid only on items they can supply, lowest bid on each item will be chosen

#### Product

1. Type 1 Grass Seed \$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

2. Type 2 Grass Seed \$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

3. Type 3 Grass Seed \$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

4. Type 4 Grass Seed \$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

### FERTILIZER (APPROXIMATELY 60,000 LBS) FUNGICIDE (APPROXIMATELY 10,000 LBS) INSECTICIDE (APPROXIMATELY 10,000 LBS)

5. Starter Fertilizer 17-17-17 \$ \_\_\_\_\_  
Minimum of 50%  
slow-release Nitrogen Per 50lb/Bag

Manufacturer: \_\_\_\_\_

6. Starter Fertilizer 20-24-10 \$ \_\_\_\_\_  
Minimum of 50%  
slow-release Nitrogen Per 50lb/Bag

Manufacturer: \_\_\_\_\_

7. Starter Fertilizer 18-24-12 \$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_  
8. 32-0-5 w/0.058 Acelepryn \$ \_\_\_\_\_  
0.19 Dimension, 90% Per 50lb/Bag  
Polymer coated Urea & SOP

Control release must be polymer coated urea utilizing a polyester based material and meet a minimum of 16-week release time

Manufacturer: \_\_\_\_\_

9. 19-0-8 w/ .17% Dimension \$ \_\_\_\_\_  
75% Polymer Coated Urea, Per 50lb/Bag  
AMM Sulfate

Control release must be polymer coated urea utilizing a polyester based material and meet a minimum of 10-week release time

Manufacturer: \_\_\_\_\_

10. 30-0-10 w/ 90% Polymer \$ \_\_\_\_\_  
Coated Urea & SOP Per 50lb/Bag  
w/ 2% Fe

Control release must be polymer coated urea utilizing a polyester based material and meet a minimum of 14-week release time

Manufacturer: \_\_\_\_\_

11. 30-24-10 w. 50% Polymer \$ \_\_\_\_\_  
Coated Urea Per 50lb/Bag

Manufacturer: \_\_\_\_\_

12. 30-0-10 w/.10 Dimension, \$ \_\_\_\_\_  
35% Polymer Coated Urea Per 50lb/Bag  
& 35% Polymer Coated Urea

Manufacturer: \_\_\_\_\_

13. 15-0-8 w/ .869% Millennium \$ \_\_\_\_\_  
Mini particle for maximum Per 40lb/Bag  
broadleaf weed control

Manufacturer: \_\_\_\_\_

14. 20-10-10 50% PCU43 MOP

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

15. 22-0-11 w/ 50% Polymer  
Coated urea & 3% Fe

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

16. 22-0-8 w..067% Acelepryn  
50% Polymer Coated Urea

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

17. Pre-Emergent with  
Fertilizer 0.05 to 0.10%  
Dimension

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

18. Pre-Emergent with  
Fertilizer 0.11 to  
0.20% Dimension

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

19. Lockup Broadleaf weed  
control with Fertilizer

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

20. Millennium Broadleaf  
weed control with fertilizer

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

21. Combination Dimension

\$ \_\_\_\_\_



and Acelepryn grub control  
with Sulphate of Potash 90%  
slow-release Nitrogen

Per 50lb/Bag

Manufacturer: \_\_\_\_\_

22. Combination Post and  
Pre-Emergent weed control  
with Fertilizer

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

23. 30-0-10 or similar  
Fertilizer with 90% slow  
release Nitrogen

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

24. 25-0-6 or similar fertilizer  
with 5% at least Iron

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

25. Pelletized limestone

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

26. Greenlight Mg High  
Efficiency Lime

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

27. Magnesium

\$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

### **LIQUID PRODUCT (APPROXIMATELY 50 GALLONS)**

28. Methylated Seed Oil

\$ \_\_\_\_\_  
Per 2.5/ Gallon

Manufacturer: \_\_\_\_\_

29. Syngenta Primo PGR \$ \_\_\_\_\_  
Per 1/ Gallon

Manufacturer: \_\_\_\_\_

30. Speedzone GRN Southern EW \$ \_\_\_\_\_  
Per 2.5/ Gallon

Manufacturer: \_\_\_\_\_

31. Blue Spray Indicator \$ \_\_\_\_\_  
Per 2.5/ Gallon

Manufacturer: \_\_\_\_\_

32. ProtectMAX Quinclorac \$ \_\_\_\_\_  
Per 64 /Fl Oz

Manufacturer: \_\_\_\_\_

**INFIELD CONDITIONER (APPROXIMATELY 30,000 LBS)  
MOUND CLAY BRICKS (APPROXIMATELY 800 BLOCKS)**

33. Infield Conditioner \$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

34. Professional Mound Clay \$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

35. Packing Mound Clay \$ \_\_\_\_\_  
Per 50lb/Bag

Manufacturer: \_\_\_\_\_

36. Mound Clay Blocks \$ \_\_\_\_\_  
Per 8/Box

Manufacturer: \_\_\_\_\_

Bidders to bid only on items they can supply, lowest bid on each item will be chosen