

B. 3.1 - Scope of Services:

The personnel qualifications/certifications/licenses, and equipment utilized to perform this work must comply with the technical specifications herein and all applicable federal, state, and local regulations, including but not limited to Chapter 112 of the NJ Fertilizer Law and DEP Pesticide Application Regulations. Please note, each Schools' IPM Policy must be adhered to when making applications. It is the intent that these specifications and requirements described in this RFP document assure the purpose of the NJ IPM policies are achieved. (Use of pesticides minimally, efficiently, and responsibly)

All notification to the Schools referenced herein shall be in written form.

General Conditions:

The Schools will make any on-site permanent irrigation system (where present) available to the successful Respondent for their use, if necessary. The successful Respondent is responsible for advising and assisting the grounds staff in setting and monitoring irrigation times to ensure the most effective turf results, while limiting impact to field use by the students/public. Any damage caused to turf because of under/over-watering is the responsibility of the School to remedy.

The successful Respondent shall coordinate with school representatives to determine the availability of each area for services.

Each school, or its assigns, are responsible for mowing all field and lawn areas. The successful Respondent shall coordinate with schools' representatives regarding desired scheduling of mowing before, during, or after treatments.

Areas to receive services as indicated by the Schools' grounds staff shall be outlined prior to services being rendered. Due to budget constraints the Schools may limit services to certain areas or may select only certain types of services to be completed.

The successful Respondent shall avoid all permanent obstructions or structures. Temporary or mobile field equipment such goals, benches, and field markers shall be removed prior to services being rendered.

At request of the successful Respondent, school staff will attempt to flag, or otherwise mark sprinkler heads, valve boxes, and other at or below grade obstructions, prior to any turf renovation work. The successful Respondent shall take all precautions necessary to preserve marked and unmarked obstructions.

The successful Respondent shall be responsible for compliance with latest editions of Integrated Pest Management (IPM) License Category: 13(IPM), NJ Pesticide Control Code License Categories: Core and 3B (Turf), and NJ Fertilizer Law, ProFact and must provide copies of license documentation.

The successful Respondent shall be responsible for the supply of the appropriate and required public notices. Prior to the application of any pesticide chemicals, the successful bidder shall supply written notification to the Schools' designee(s) no less than three (3) days prior to scheduled application along with two (2) additional dates for weather related delays. Should the Successful Proposer have to change an application date for any reason, all notices, warning indicators and signage will have to be revised and re-posted by the School or its assigns. Written notification shall include the following information:

- Date and Time of Application with two (2) additional Application Dates for weather
- Location of Application
- Type of Product used
- Manufacture Name and Product name
- Manufacturer's Safety Data sheets (MSDS)

- Manufacturer's Product Label and Application Instructions
- Proposed Application Rates

The successful Respondent shall flag all sites where services have been performed. The successful Respondent shall accept responsibility for the replacement of non-target ornamental plants, grasses, or trees whether owned by the School or others which are determined to have been damaged or killed because of pesticide/herbicide (chemical) application performed under this contract.

Technical Specifications:

1. Submittals (shall be included with all bids)
 - a. Business Licensing: The successful bidder must supply a current NJ Public Works License Number and copy of Certificate, along with proof that shows the successful Respondent is participating with an approved NJ Apprenticeship Program for both Laborer and Operator classifications.
 - b. Licensing: The successful bidder must supply a list of personnel with a valid New Jersey Pesticide Commercial Applicator's License, New Jersey Pesticide Operators License, Pesticide Applicator Business License, Pro-Fact Fertilizer license per NJ Fertilizer Law, and Spotted Lantern Fly Permit along with current copies of said license(s) and permits.
 - c. Diplomas: The successful bidder must have a minimum of (1) degreed professional on staff with a 4-year Agronomy or Turfgrass Science degree and provide copies of said degree(s).
 - d. Equipment: The successful bidder must supply a list of equipment to be used to perform requested services.

Granular Application

Granular Athletic Field Applications: Are to be made with medium compact tractor with 4-wheel drive, 30 HP at the PTO or greater for improved efficiency. They are to be equipped with turf tires, foam markers, and PTO driven Lely spreaders that can control spread swath, direction of spread, precision calibration for up to 7 lbs./1000 square feet in a broadcast-to-broadcast spread in a single pass or 14 lbs./1000 square feet in a center-to-center pass.

Price per Acre with Operator and Tractor: \$ 100.00

Materials: Wholesale Costs +
% 10%

Liquid Application

Liquid Athletic Field Applications: Are to be made with Toro or comparable self-contained 175/300 Gallon units capable of applying 1 to 2 gallons per 1000 square feet with 16' Booms and efficient 17' spray swath, rate-controlled computer for automatic accuracy for improved target application per Integrated Pest Management (IPM), foam marking system, multiple precision rate adjustments, and multiple nozzle selection bodies for quick field adjustments to spray patterns due to weather.

Price per Acre with Operator and Sprayer Unit:

\$ 140.00

Materials: Wholesale Costs +

% 20%

Common/Non-Athletic Grounds Application

Small Areas and Common/Non-Athletic Grounds Application: Are to be made with "Z spray" self-contained small area sprayer and fertilizer spreader or comparable capable of applying .25 gallon to 1 gallon per 1000 square feet with foam marker and spray wand for spot treatment.

Price per Acre with Operator and Sprayer Unit:

\$ 75.00

Materials: Wholesale Costs +

% 10%

Hard Surface Ballfield Skins, Pavement, and Spot Application

Hard Surface Ballfield Skins, Pavement, and Spot Application: Are to be made with truck/trailer mounted sprayer unit capable of applying 1 to 3 gallons per 1000 square feet.

Price per Hour with Driver and Spray Technician:

\$ 97.00

Materials: Wholesale Costs +

% 10%

De-thatching/Vertical Mowing Service

Large Area Dethatching/Vertical Mowing: Shall be performed by a First Products VC-60 3-point hitch deep thatch removal machine capable of depths 0 to 1.5 inches below surface. Should be powered by appropriate tractor with turf tires.

*Please note this does not include clean-up of thatch and disposal.

Price per Acre with Operator and VC-60 machine + tractor:

\$ 300.00

Materials: Wholesale Costs +

% 10%

Cleanup and Disposal from Thatching Operations

Large Area Cleanup and Disposal from Thatching Operation: Shall be performed by a deep power broom vacuum to remove debris; towed by an appropriate tractor with turf tires and loaded into dumpsters for haul away. Turf areas are to be blown off with large area debris blower with 160 mph wind generation or better leaving turf surfaces clear of debris.

Price per hour with Operator and Vacuum + tractor: \$ 350.00

Price per hour with Operator and 160 mph Blower + tractor/gator: \$ 120.00

Materials: Wholesale Costs + % 10%

Price per Hour for Operator: \$ 75.00

Price per Hour for laborer/assistant: \$ 55.00

Other equipment Rental Value + % 30%

Hollow Core Aeration Services

Large area Hollow Core Aeration Services: Shall be done with 40 HP PTO driven Toro 880 precision aerators or comparable with adjustable hole spacing with tightest spacing of 2x2 in. holes and 36 holes per square foot, equipped with .75 in. coring tines, depth setting of 4 in. minimum, vertical coring arms, turf guards, and roller. All cores shall be broken up using drag mats towed with tractor or utility vehicle.

Price per Acre with Operator and Aerator + tractor: \$ 400.00

Price per Acre with Operator and drag mat + tractor/gator: \$ 90.00

Hollow Core Aeration Services Cont'd

Additional Services:

- 1) Broadcasting of seed into aeration holes.
- 2) Spreading of starter fertilizer if required/requested.

Price per Acre for Operator and tractor w/Lely spreader: \$ 150.00

Price per Hour for laborer/assistant: \$ 55.00

Other equipment Rental Value + % 30%

Materials: Wholesale Costs + % 10%

Slice Seeding Services

Large Area Slice Seeding Services: Shall be performed with a 3-point hitch, PTO Driven, Slice Seeding machine with Seed hopper and dimpled roller for closing slits over seed. Slice seeder or comparable equipment should be capable of slicing depths of .25 in. to .5 in. maximum to ensure good seed to soil contact for best germination percentage.

Price per Acre with Operator and Slice Seeder + tractor: \$ 300.00

Materials: Wholesale Costs + % 10%

Additional Services:

- Spreading of starter fertilizer if necessary.

Price per Acre for Operator and tractor w/Lely spreader: \$ 150.00

Price per Hour for laborer/assistant: \$ 55.00

Materials: Wholesale Costs + % 10%

Irrigation Services

New irrigation system installation:

Price per hour for Forman: \$ 120.00

Price per hour for Laborer: \$ 60.00

Materials: Wholesale Costs + % 20%

Irrigation Services Cont'd

Existing irrigation system repair and/or maintenance:

Price per hour for Forman: \$ 120.00

Price per hour for Laborer: \$ 60.00

Materials: Wholesale Costs + % 20%

Grounds Repair Services

Services to include, but not limited to:

- Laser grading
- Sodding
- Top dressing
- Drill and Fill

Price per hour for Forman: \$ 120.00

Price per hour for Laborer: \$ 55.00

Materials: Wholesale Costs + % 20%

Synthetic Turf Surfaces

Maintenance and Grooming Services: (1) Service visit to include:

- Lightly blow all perimeters to clear debris from edges and obstacles.
- Deep power broom vacuum cleaning to remove debris and straighten fibers.
- Magnetic sweeping of surface to remove harmful metal objects/debris.
- Deep vibratory decompaction of infill to help maintain appropriate GMAX Test results.
- Up to 20 linear feet of minor seam or inlay repair are included.
- Final brooming of surface to redistribute infill into fibers.
- Spray application of Bio-Enzymatic cleaner.
- GMAX Testing with infill average depth measurements. With report to be provided.
- Maintenance summary report that includes any recommendations based on site observations and GMAX testing.

Fields less than 1 acre \$ No bid

Fields 1 to 3 acres \$ No bid

Additional Needs:

Materials: Wholesale Costs + % No bid

Price per Hour for a Technician/Field specialist: \$ No bid

Price per Hour for Operator: \$ No bid

Synthetic Turf Surfaces Cont'd

Price per Hour for laborer/assistant: \$ NO bid
Other equipment Rental Value + % NO bid

Synthetic/Natural Field Layout and Painting

Price per Hour for a Technician/Field layout specialist: \$ NO bid
Price per Hour for Operator and gas powered 5-gallon field lining machine: \$ NO bid
Price per Hour for laborer/layout assistant: \$ NO bid
Materials: Wholesale Costs + % NO bid

Baseball/Softball Field Spring Grooming

All Baseball/Softball Field Grooming: Is to be performed with and ABI Force zero-turn infield groomer with various attachments.

Price per Hour for Operator plus ABI Force unit: \$ 220.00
Materials: Wholesale Costs + % 20%

Additional Services:

- a. Field layout and painting
- b. Mound and Batter's Box maintenance
- c. Base Anchor layout and maintenance
- d. Turf maintenance
- e. Conditioner Application

Price per Hour for a Technician/Field specialist: \$ 120.00
Price per Hour for Operator: \$ 75.00
Price per Hour for laborer/assistant: \$ 55.00
Other equipment Rental Value + % 30%

Soil Testing Services

Soil Testing: shall be comprised of 12 soil cores pulled from random locations on each field to create enough soil for laboratory testing. The following elements/conditions shall be tested: nitrate/nitrogen, phosphorous, potassium, magnesium, calcium, sodium, extractable minor nutrients (including, but not limited to manganese, boron, zinc, and copper), percentage organic matter, soil pH, excess carbonates, soluble salts, cation exchange capacity, and base saturation percentage. The soil test

results shall be interpreted by the on-staff agronomist. All recommendations for corrective measures shall be submitted along with the soil analysis data to the school.

Price per Field test \$ 1,200.00

Consultative Services

Consultative Services: Shall be performed by a degreed agronomist and may include any of the following services:

- *Formal site evaluation
- *Moisture level testing
- *Cultural practice recommendations
- *Agronomic plan development.
- *Building and grounds staff training.
 1. Equipment calibration.
 2. Irrigation "how to and frequency"
 3. Mowing habit corrections
 4. Any other requested training

Price per Hour for Agronomist: \$ 250.00

Field Construction & Re-Construction Services

Turn-key solution for the planning, design, installation and construction of new athletic fields or improvements to existing athletic fields. Include cost proposal with RFP response.

Miscellaneous Services

Please include line-item materials or services that your company offers that were not specifically requested above. Ex: clean fill, top soil, mulch, pruning, tree trimming, tree removal, etc. Include all relevant rates or markups for any Miscellaneous Service your company offers.

B 3.2 – Grading Metric - Respondents must achieve a total score of at least 70 points to be considered for a contract. The one /or/ multiple respondent(s) with the highest cumulative points total will be considered for a contract award.

Corporate Overview – 30 Points

Respondents must provide a company history. The Respondent must have been in business for at least five (5) continuous years. The statement shall set forth brief details of the firm's principal activities.