

**SOUTHEASTERN CHESTER COUNTY REFUSE AUTHORITY
(SECCRA)**

**SECCRA COMMUNITY LANDFILL
LONDON GROVE TOWNSHIP
CHESTER COUNTY, PENNSYLVANIA**

**BID SPECIFICATION
2021 HYRDO-SEEDING**

PLEASE SUBMIT ENTIRE PACKAGE TO:

**SOUTHEASTERN CHESTER COUNTY REFUSE AUTHORITY
C/O SECCRA COMMUNITY LANDFILL
219 STREET ROAD
WEST GROVE, PA 19390**

BID SUBMITTED BY:

Firm Name _____

Contact Person _____

Address _____

Telephone _____

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1. **BID NOTICE**

DATE June 15, 2021

Sealed Bids will be received by the Southeastern Chester County Refuse Authority (SECCRA), OWNER, at the office of the Southeastern Chester County Refuse Authority, 219 Street Road, West Grove, PA 19390, until 2:00 PM. prevailing time, on August 10, 2021, for **2021 HYDRO- SEEDING** . Bids will be opened publicly at that time and reviewed. It is expected that, award will take place following the opening ceremonies of the Board of Directors' meeting August 11, 2021 at 7:30 o'clock PM prevailing time. The Board of Directors' Meeting will be held at the SECCRA offices, 219 Street Road, West Grove, Pennsylvania. SECCRA expects to make final award of the Bid on or before August 31, 2021.

All Bids shall be effective for **the period of 60 days**. Each Bid must be sealed and the envelope must be labeled with the words "2021 HYDRO-SEEDING.."

All necessary information for this bid can be obtained from link on SECCRA.org. Any questions please email bids@seccra.org.

A prebid meeting will take place on July 29, 2021 at 10:00 AM.

The Southeastern Chester County Refuse Authority, OWNER, reserves the right to accept or reject any or all Bids.

Notice placed by:

Scott Mengle
General Manager, SECCRA
219 Street Road (Route 926)
West Grove, PA 19390

2. INSTRUCTIONS TO BIDDERS

2.1. INTENT OF CONTRACT

It is the intent and purpose of these specifications to describe the minimum requirements and establish a UNIT COST price for 2021 HYRO-SEEDING at the SECCRA Community Landfill. All work to be completed by 12/31/21.

2.2. QUALIFICATIONS OF BIDDERS

All bidders must be qualified in the performance or execution of the work involved in this contract and must be licensed to do business in Pennsylvania.

No verbal instructions or information to bidders will be binding. The specifications will be considered clear and complete unless written attention is called to any apparent discrepancies or incompleteness thereof before the opening of bids. Should any such written notices be received by SECCRA, these notices will be answered in the form of addenda and issued to all bidders. These addenda shall then be a part of these specifications. All questions regarding the bid should be directed to bids@seccra.org.

Submitted and signed bids will be deemed as conclusive evidence of complete examination of specifications. The making of a bid is an acceptance of the terms and conditions contained in the specifications and the attachments thereto.

A Bid Form and Check List are provided in these specifications. These forms must be used in submitting the bid. All pages of the form must be completely filled out and signed by the bidder.

Each bid must be enclosed in a sealed envelope, clearly marked on the outside "SEALED BID: 2021 HYDRO-SEEDING ". No proposal may be withdrawn for a period of 60 days after the bid opening. No modifications of any bid will be allowed after the same is sealed and delivered to SECCRA.

SECCRA reserves the right to reject any or all bids.

As these "Bid Notice", "Instructions to Bidders", "General Conditions", "Technical Specifications", and "Bid Form" all refer to each other and together constitute a whole, they must all be returned bound together as when delivered to the Bidder. **NO BIDS WILL BE ACCEPTED UNLESS SUBMITTED ON THESE FORMS FURNISHED HEREIN.** All bids must be sealed, marked, and delivered in accordance with instructions of these specifications.

Any bidder or bidders finding any discrepancy in or omission from the specifications, or left in doubt as to their meaning, shall notify SECCRA for clarification. Such notification will not obligate SECCRA to change the specifications. SECCRA will notify all bidders in writing, by addendum duly issued, of any interpretations made of these specifications or instructions.

2.3. FORM OF CONTRACT

The successful bidder will be required to execute a written contract (Purchase Order) with SECCRA, [for services to be rendered under this bid](#).

Bidders may not withdraw their bids for a period of sixty (60) days after the date set for opening of the bid.

No rights shall accrue to any person submitting a bid or proposal until such bid has been accepted, contract awarded, and such contract is finally and completely executed in writing by a duly authorized officer of the Authority.

[SECCRA will award the contract based upon the lowest Total Cost bid submitted. No significant deviation from the terms of this specification is acceptable.](#)

Taxes: SECCRA is exempt from all sales taxes and no such tax will be allowed or included in the bid price.

The bid quantity is only an estimate, the contractor will only be paid for actual area treated.

2.4. BID GUARANTY

Bid Bond: A bid bond will not be required for this bid.

Performance Bond: A performance bond will not be required for this bid.

2.5. PROPOSAL FORM

As noted under "Instructions to Bidders," attached to these specifications is a "Bid Form" which must be completely filled out and signed by each bidder.

2.6. REJECTION OF BID

SECCRA reserves the right to accept or reject any or all bids.

The Technical Specifications are requirements for the bidders in preparing their bids. They were prepared to best approximate the services requested.

3. GENERAL CONDITIONS

The bidder shall comply with all the conditions, provisions, and specifications herein and which are hereby made part of the contract.

3.1. SPECIFICATIONS

See attached Supplemental Technical specifications.

3.2. ONE YEAR WARRANTY

See attached Supplemental Technical Specifications.

3.3. DELIVERY OF SERVICE

Will be at the SECCRA Community Landfill, 219 Street Rd, West Grove, PA.

3.4. PAYMENT

Payment for services will be made within thirty days of an accepted invoice for services rendered by the bidder.

3.5. INSURANCE

The bidder must supply insurance certificates with his bid evidencing the following insurance coverages.

Worker's Compensation - Statutory Limits

Employer's Liability - \$100,000/\$500,000/\$100,000

Bodily Injury or Death -\$1,000,000 each occurrence

\$1,000,000 annual aggregate

Property Damage - \$500,000 each occurrence

- \$500,000 annual aggregate

Comprehensive Automobile Liability including Owner, Hired and Non-Owned Vehicles shall have the following limits:

Bodily Injury - \$ 500,000 Each Person

- \$1,000,000 Each Occurrence

Property Damage - \$ 250,000 Each Occurrence

- \$ 1,000,000 Combined Single Limit

Comprehensive General Liability Policy shall name SECCRA as an additional insured party.

4. TECHNICAL SPECIFICATIONS

4.1. GENERAL

The Bidder shall comply with all the conditions, provisions, and specifications herein which are hereby made a part of the contract. The submission of the proposal shall be considered as evidence that the Bidder has familiarized himself with and understands the conditions under which the contract will be awarded.

The successful bidder shall not assign the performance of the contract, nor any portion thereof to others without the express consent, in writing, from SECCRA.

All applicable laws including compliance with Federal requirements shall be deemed to be part of the bid conditions and the contract shall be read and enforced as though they were included.

All material shall be subject to the inspection and approval of SECCRA. In the event that any of the said material shall be rejected as unsuitable or not in conformity with the bid specifications, such material of proper quality as set forth in the specifications shall be furnished in place thereof at the expense of the successful Bidder. All costs on any rejected material shall be absorbed by the contractor.

If a successful Bidder shall neglect or refuse to complete the contract SECCRA will pay for completed work and terminate this contract.

DELIVERY OF SERVICES

The material and services associated with this contract will be supplied at the SECCRA Community Landfill, 219 Street Road, West Grove, Pennsylvania.

TIME OF DELIVERY

As directed by SECCRA.

4.2. LENGTH OF CONTRACT

The time period of this contract ends 12/31/21. This contract may be extended, year to year, if agreed upon by both parties in writing.

BID FORM

For: 2021 HYDRO-SEEDING

SOUTHEASTERN CHESTER COUNTY REFUSE AUTHORITY
219 Street Road
West Grove, PA 19390

Attention: Mr. Scott Mengle

Gentlemen:

In conformity with the specifications as prepared by Southeastern Chester County Refuse Authority, 219 Street Road, West Grove, Pennsylvania 19390 and after an examination of these Bid Documents, the undersigned submits this bid.

It is hereby certified that the undersigned is (are) the only person(s) interested in this bid as principal or officer, and that this proposal is made without collusion with any person, firm or corporation. The undersigned further guarantees that, if awarded a contract, the bidder will furnish and deliver all materials and perform all labor, tools, tests, and services required to execute, in an expeditious, substantial and workmanlike manner, the requirements of and in accordance with the specifications, to the complete satisfaction and acceptance of SECCRA.

It is understood that SECCRA reserves the right to reject any or all bids, or parts thereof, or items therein and to waive technicalities. It is further understood that competency and responsibility of bidders will receive consideration before the award of the contract.

Bidder submits this bid with the understanding that the materials and/or services will be delivered on or before the date stated in this proposal and that the time for the delivery of the materials and/or services shall be considered as of the essence of this contract. It is further understood, however, that any extension of time, regardless of cause, beyond the agreed date, must be requested by letter from the supplier and any extension must be granted by letter from SECCRA prior to same becoming effective.

The Bidder agrees not to assign this bid or any rights or interests thereunder without the written consent of SECCRA.

The undersigned acknowledges receipt of the following addenda, and the cost, if any, of such revisions has been included in the bid sum:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

BID FORM (continued)

The undersigned Bidder proposes and agrees, if this Bid is accepted, to perform and furnish all the Work as specified in the Bidding Documents within the Contract Times indicated in this Bid and in accordance with all other terms and conditions of the Bidding Documents for the prices written below. Quantity is only for bid comparison; no quantity is guaranteed.

2021 HYDRO-SEEDING

Description	Unit Type	Estimated Units	Cost per unit	Bid price
SEED MIX #1 "General seed mix" plus soil amendments, mulch and binder	SY	10,000.		
Base Bid Total Cost				

The following items are optional and not included as part of the base bid. These items will only be used if a need is determined by SECCRA.

Description	Unit Type	Cost per unit
SEED MIX #2 "PENNDOT Type C" Plus soil amendments, mulch and binder	SY	
SEED MIX #3 "PENNDOT Type D" Plus soil amendments, mulch and binder	SY	
Fertilizer 10-10-10 application rate of 100 lbs per acre	SY	
Additional Lime per section 1.4.2 with application rate of 2,000 lbs per acre	SY	

Firm Name _____

Contact Person _____

Address _____

Telephone _____

Email _____

Authorized Signature(s) _____

BID CHECKLIST

Please complete the following checklist:

- _____ Submit 2 original bid documents
- _____ All blanks on Bid Form completed in ink or by typewriter
- _____ SECCRA requests that you mark the pricing page with a tag for ease of find at bid opening
- _____ Bid is submitted bound together as when delivered to the Bidder
- _____ All names must be typed or printed below all signatures
- _____

SUPPLEMENTAL TECHNICAL SPECIFICATIONS

1.0 General

Work covered in this section shall consist of providing all labor, materials, tools, equipment, incidentals, and services necessary to complete the application of permanent and temporary soil erosion and sediment control seeding in accordance with this specification, PENNDOT Publication 408, and the PA DEP Erosion and Sediment Pollution Control Program Manual (Bureau of Watershed Management, 2000). Refer to Section 804, 805, 806, and 865 of PENNDOT Pub 408 and to Chapter 102 of the PA DEP Program Manual for applicable information and requirements not addressed in this Section. It is SECCRA's intent to provide the contractor with a minimum of 3 acres of seeding for each event.

1.1 Reference Documents

COMMONWEALTH OF PENNSYLVANIA

PENNDOT Pub 408	PA Department of Transportation Specifications
25 PA Code	PA DEP Municipal Waste Regulations
25 Pa Code	PA DEP Bureau of Watershed Management Erosion and Sediment
Chapter 102	Pollution Control Program Manual

1.2.0 Submittals

1.2.1 Soil Amendments

It is the intent of the Authority to provide the contractor with a seedbed containing soil with a pH of 6.0-7.0. However, there may be instances where the contractor may be required to augment the seedbed with a lime additive. If the results of soil tests conducted by the Authority shows a need for a pH adjustment, that cost will be in addition to the base hydro seeding per square yard price. Base bid for all seeding shall include 3 gallon of liquid lime and 150 lb. of 10-10-10 fertilizer per acre, or approved equal.

1.2.2 List of Materials

The contractor shall submit to the Operations Manager a complete list of materials to be provided under this section. The Operations Manager or his designee reserve the right to review and approve the materials listed.

1.2.3 Certification of Seed Mixtures

The Contractor shall provide the Operations Manager with certification of seed mixtures from the Vendor for Slope Master (or approved equal) Seed Mix, (as defined in Section 1.11.0 entitled: "Seed Mixes"). The certification document for each mix will include the botanical and common name of each constituent seed species; percentage by weight of each; percentages ready germinating and dormant (hard) seed; and percentages of purity, germination, and weed seed. All seed mixture certificates must be signed by an officer of the Vendor.

1.3 Products

1.3.1 Qualified Suppliers

Only a reputable seed vendor will be accepted by SECCRA.

1.4.0 Materials

1.4.1 Delivery and Storage of Materials

All packaged materials shall be delivered and stored in original unopened packages from the Vendor. All material packages must be clearly marked with Vendor name, package contents and weight. All materials shall be stored in a cool, dry place until needed for use, unless clearly directed otherwise as per the Vendor's guidance. Damaged or faulty materials shall not be used.

1.4.2 Additional Lime

Only natural dolomitic limestone or an approved equal is authorized for use. Any lime additive shall contain not less than 85 percent of total carbonates with a minimum of 30 percent magnesium carbonate, and be pulverized sufficiently so that not less than 90 percent passes through a No. 10 sieve and not less than 50 percent passes through a 100-mesh sieve. Each delivery of limestone shall be accompanied by a delivery slip indicating its weight and the Vendor's certification of chemical composition and gradation.

1.4.3 Commercial Fertilizer

Commercial fertilizer shall be delivered in original bags of the manufacturer, showing weight, analysis and the name of the manufacturer. Only complete fertilizer of neutral character, containing available plant nutrients in the ratio of 10-10-10 shall be authorized for use. Application rates shall be as specified in Section 1.5.0 - Fertilization and pH Adjustment.

1.4.4 Seed Mixture Composition

Each Seed Mix shall be a mixture of the species/varieties specified, mixed at the specified proportions. Seed shall be fresh, clean, and of the latest crop year. All seed shall be delivered to the site in original, unopened packages from the Vendor. Seed Mix packages shall be clearly marked with the Vendor's name, mixture composition, date of germination tests, purity and germination of the seed mixture, net certified weight, and a guarantee of analysis (certification). Seed shall conform to applicable state and federal regulations and to the "Rules for Testing Seeds" adopted by the Association of Official Seed Analysts (AOSA, 2010).

The balance of material in an acceptable seed mixture, other than specified pure live seed shall, for the most part, consist of non-viable seed, chaff, hulls, live seeds of crop plants and harmless inert matter. The percentage of weed seed shall not exceed one percent by weight for the mixture.

1.4.5 Water

Water can be pumped from any of SECCRA's sedimentation ponds or by using SECCRA's pump system. SECCRA will work with Contractor to allow use of SECCRA's pumping system, however, cannot guarantee its availability. The system pumps approximately 75 gallons per minute (gpm).

1.4.6 Mulch

Mulch shall consist of hay or hay mixed with clover. All mulch material shall be well dried and cured to less than 25 percent moisture by weight. Materials must meet specifications of PENNDOT Publication 408, Section 805. No paper or wood-cellulose mulch shall be used.

1.4.7 Mulch Binder

Only mulch binder consisting of a non-asphaltic emulsion, meeting PENNDOT Publication 408, Section 805, or equivalent is approved for use.

1.5.0 Fertilization and pH Adjustment

1.5.1 Determination of Required Application Rates

For the purpose of submitting a bid, Contractor is to apply materials in accordance with Section 1.4.0 of this document.. If SECCRA determines that additional lime and/or fertilizer concentrations are required, above the base bid, then Contractor shall provide the requested concentration with a price differential to be calculated on the basis for supplemental fertilizer and lime application, as referenced in the Bid Form.

1.6.0 Seed Application Method

Seed shall be applied to the landscape by hydraulic methods (hydroseeding) for all seed mixes For small areas, hand-operated devices or other mechanical means of applying seeding are authorized.

Any Seed Mix placed using a dry application method shall be incorporated into the seed bed in a manner consistent with the specifications of the Vendor. All seeded areas shall be mulched directly following application of seed.

1.6.1 Hydraulic (Hydroseeding) Method

The Seed Mix and commercial fertilizer shall be mixed in water and then applied under pressure. All areas must be adequately covered to maximize erosion control and germination potential. Any areas inadequately covered shall be retreated prior to mulching

1.6.2 Sowing by Hydraulic Method (Hydroseeding)

A hydroseeder with agitators capable of maintaining a homogeneous hydroseeding slurry shall be used. A recycling-type slurry agitator is not approved for this work. The hydroseeder shall be able to be fitted with a range of nozzle sizes for application of the Seed Mix. Nozzles shall be made available to provide for wide-pattern, short-range application and for long-distance spraying of inaccessible areas. The hydroseeder shall be mounted on a rubber-tired vehicle (no tracked vehicle shall be used for hydroseeding). The hydroseeder shall be operated by a qualified operator.

1.6.3 General Hydroseeding Application

Required quantities of Seed Mix shall be combined with water to form the hydroseeding slurry, and shall be kept under constant agitation during the hydroseeding process. Using the hydroseeder, the slurry will be broadcast hydraulically to designated areas. Because all seed mixtures contain a warm-season grass component, seed shall be gradually added to the hydroseeder following sufficient agitation to maintain a homogenous slurry. Gradual addition of the Seed Mix shall consist of 10- to 20 percent of the seed bag being added per addition. The slurry shall be agitated continuously throughout the process to achieve a homogeneous mixture. If the slurry becomes clumped or otherwise non-homogenous, application of the slurry shall be discontinued until a homogenous slurry mixture has been achieved.

1.6.4 Hydroseeding Rate

The hydroseeding slurry shall be applied at the prescribed rate to the prepared seedbed via direct spray. The application angle of the slurry should approximate 30-degrees to achieve proper contact of the slurry with the soil.

1.7.0 Damage to Existing Landscape

The Contractor shall remedy any damage to the existing landscape caused as a result of seeding operations. If areas intended for seeding are not accessible without damaging other landscape installations, the Contractor shall obtain approval from the Owner prior to proceeding.

1.8.0 Mulching

Mulch shall be placed immediately after seeding. Seeded areas shall be mulched to a uniform depth of 1-1/2" (loose measurement), which will require an application rate of 2 tons/acre or more. The mulch may be spread mechanically or by hand.

1.8.1 Mulch Binding

Mulch binding shall be applied immediately after placement of mulch. Binding shall be done by the application of liquid mulch binder or approved equal.

1.8.2 Application

Application of mulch shall be heavier at the edges where the wind may catch the mulch, and in areas where concentrated runoff or drainage may occur. All other seeded areas shall be mulched in a uniform manner. Proportional addition of mulch binder and rate of application shall be in accordance with the manufacturer's specification, or as otherwise directed by the Operations Manager or his designee.

1.9.0 Vegetative Establishment

1.9.1 Sufficient Initial Establishment and Growth

If sufficient establishment and growth of seedlings (1-1/2 to 2") has not occurred within 28 days of seeding, the Contractor will re-seed and reapply soil supplements at the discretion of the owner. This activity may include seedbed preparation, and reapplication of seed, fertilizer, and mulch materials.

1.9.2 Satisfactory Stand of Grass - Definition

A satisfactory stand of permanent grass shall be as defined in Section 273.236 of the PA DEP Municipal Waste Regulations. These standards require that a minimum of 70 percent groundcover of permanent plant species be achieved. No more than 1 percent of the total area may have less than 30 percent groundcover. No single or contiguous area exceeding 3,000 square feet may have less than 30 percent groundcover. Failure to meet this standard will require the Contractor to re-seed the affected area.

1.9.3 Remediation of Deficient Areas

When a satisfactory stand of seeded vegetation is not established on areas of seeding, the deficient areas shall be mowed, re-fertilized, re-seeded, and re-mulched at no cost to the owner until a satisfactory stand of grass is established. A satisfactory stand is defined by the standards in Section 273.236 of the PA DEP Municipal Waste Regulations, and shall be practically weed free and containing plants in reasonable proportion to the various kinds of seed in the grass seed mixture

Seeded areas that establish excessive weed growth prior to the establishment and growth of seedlings shall be mowed to remove weed growth and promote seedling establishment. Mowing for this purpose will be conducted at no cost to the Owner. If mowing excessive weed growth fails to promote the establishment of a satisfactory stand of seeded vegetation, the Contractor shall re-seed the affected area.

1.10.0 Maintenance and Re-seeding

In instances where a satisfactory stand of vegetation is not established, the Contractor shall reseed as specified for the original treatment, at no cost to the owner.

1.10.1 Maintenance of Seeded Areas

The Contractor shall properly maintain adequate, uniform coverage of mulch in all seeded areas until satisfactory vegetated growth has been established. At the direction of the Operations Manager or his designee, the Contractor shall promptly reapply mulch materials that become displaced due to wind, rain, fire or other cause at initial or modified rates of cost.

1.11.0 Seed Mixes

The specified seed mixtures described in this Section are to be applied:

Mix #1 General seed mix is 100 lb of Slopemaster(or approved equal) with an additional 30 lbs of annual rye.

Mix #2 PENNDOT Type C

Mix #3 PENNDOT Type D