

**PEASE DEVELOPMENT AUTHORITY
WALK BEHIND GREENS MOWER**

TECHNICAL SPECIFICATIONS

I. GENERAL

These specifications describe a Walk Behind Greens Mower. This Walk Behind Greens Mower shall be ruggedly built of new materials, suited for continuous work under extreme conditions year-round.

II. WALK BEHIND GREENS MOWER.

A. Engine:

- 1.) 4-Cycle minimum 3.5 hp
- 2.) Cast iron cylinder sleeve
- 3.) Electronic ignition
- 4.) Minimum 2.5 quart unleaded gasoline
- 5.) Mowing speed minimum 1-3 mph

B. Gearbox Drive:

- 1.) Gearbox assembly mounted directly to engine
- 2.) Mesh planetary gear reduction
- 3.) Wet bath band clutch
- 4.) Mesh gear countershaft with cone clutch
- 5.) Drive shaft: twin stainless steel beams
- 6.) Nylon extension to allow axle movement
- 7.) Positive drive belt to reel

C. Steering

- 1.) Loop handle with pin height adjustment

D. Suspension

- 1.) Semi floating cutting unit separable from drive unit
- 2.) Pivoting around reel centerline
- 3.) Pivoting around bedknife centerline side to side

E. Cutting Unit:

- 1.) Width of cut minimum 21"
- 2.) Height of cut adjustable 1/16" to 3/4"
- 3.) Minimum 5" diameter
- 4.) 11- blades
- 5.) Detachable from traction unit
- 6.) Front/rear rollers with sealed bearings
- 7.) Bedknife high carbon steel
- 8.) Grass basket
- 9.) DPA cutting adjustment, .007' increments.

F. Wheels:

- 1.) Detachable pneumatic tires minimum 3x3-6"

G. Controls:

- 1.) Engine mounted recoil starter
- 2.) Choke
- 3.) Handle mounted on/off switch
- 4.) Throttle lever
- 5.) Traction/reel lever
- 6.) Service/park brake
- 7.) Neutral interlock system
- 8.) Enclosed drive system

H. Accessories:

- 1.) LED light kit
- 2.) Trailer with rail ramp kit (no transport wheels on trailer)
- 3.) Front narrow Wiehle roller
- 4.) Groomer reel brush

III. INSURANCE.

A. Contractor to Provide.

1. Comprehensive General Liability Insurance, on an occurrence basis (including vendor's coverage) \$2,000,000 each occurrence, \$2,000,000 products aggregate, and \$2,000,000 general aggregate.
2. Automobile Liability with \$1,000,000 combined single limit.

3. Evidence of Workers' Compensation coverage for all personnel performing work under the Contract (state law exclusion from coverage for proprietors/partners/executive officers not permitted).

B. PDA as Additional Insured.

1. All policies of insurance (except Workers' Compensation) shall name the PDA as additional insured which names the PDA as an additional insured, contains a waiver of subrogation in favor of the PDA, and is primary and non-contributory with regards to any insurance carried by the PDA.

IV. WARRANTY

The manufacturer and contractor shall warranty and guarantee this Walk Behind Greens Mower and all related components against defect due to design, material, or workmanship for a minimum of twenty-four (24) months from the date of acceptance by PDA. The contractor shall make all necessary adjustments, repairs, and replacement of parts at the Owner's request.

The warranty shall include all material, labor, expenses, delivery charges, and other incidental charges necessary to the proper repair of any defects, at no cost to the Owner, during the warranty period. All replacement parts will be new or equivalent to new in performance. No warranties implied through the operation of the Uniform Commercial Code shall be disclaimed or modified.

V. PAYMENTS

Within thirty (30) days after delivery of the Walk Behind Greens Mower, the owner shall make a payment in the amount of ninety percent (90%) of the contract amount. Until the Owner is satisfied with the performance of the Walk Behind Greens Mower in actual field condition, 10% of the total contract amount will be retained by the Owner. This 10% retainage will be forwarded to the contractor within 30-days after satisfactory performance has been observed by the Owner.

VI. DELIVERY

Delivery will take place no later than May 31, 2024, or as soon as available. The Walk Behind Greens Mower shall be packed securely for shipping and delivered to the Owner. An Operations' Manual, Maintenance Manual, and complete Parts' List shall be provided in written and CD-ROM upon delivery. The contractor shall make available to

the PDA a trained technician after delivery of the equipment to instruct maintenance personnel on the operations and maintenance of the equipment. Training will continue for as long as deemed necessary by the Owner. The on-site training shall be available within two weeks of delivery of the equipment and shall be included in the cost of the equipment.

VII. PRICE

One price will be quoted lump sum and will include onsite training and transportation to Pease Golf Course Maintenance Facility, 200 Grafton Drive, Portsmouth, New Hampshire 03801.

INSTRUCTIONS TO BIDDERS

1. Receipt and Opening of Bids

The Pease Development Authority (herein called the Owner or PDA), invites sealed bids on the attached form hereto, all blanks of which must be filled in. Bids will be received by the Owner at the Pease Development Authority, 55 International Drive, Pease International Tradeport, Portsmouth, New Hampshire until **10:15 a.m. local time, Thursday, February 22, 2024.**

Mailing Address:

Pease Development Authority
55 International Drive
Portsmouth, NH 03801

Bids must be enclosed in two sealed envelopes (inner and outer) to prevent premature opening, both of which must be clearly labeled **“Bid Documents Submitted by (vendor’s name) for a WALK BEHIND GREENS MOWER”**.

Before preparing the bid, vendors should carefully examine the Technical Specifications. In the event the vendor discovers discrepancies or omissions in the specifications, or is in doubt as to the intent, the vendor should contact the Golf Course Superintendent or his/her designee at (603) 433-8764. Any discrepancies or omissions discovered will be corrected and immediately forwarded to all persons who have received the specifications directly from the PDA.

2. Description of Equipment

Walk Behind Greens Mower as described in Technical Specifications.

3. Preparation of Bid

Each bid must be submitted on the prescribed form.