

**PART 1 - GENERAL**

**1.1 PROJECT SCOPE**

1.1.1 Requirements for providing a 2019 New Holland Tractor with Woods Batwing Mower.

1.1.2 The tractor/mower shall be delivered to the owner within 8 weeks of contract commencement or as stated in the notice to proceed.

**1.2 GENERAL**

1.2.1 The specifications herein state the minimum requirements of the *Pemberton Township Municipal Utilities Authority*. All bids must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The *Pemberton Township Municipal Utilities Authority* may consider as “irregular” or “non-responsive”, any bid not prepared and submitted in accordance with the bid documents and specification, or any bid lacking sufficient technical literature to enable the *Pemberton Township Municipal Utilities Authority* to make a reasonable determination of compliance to the specification. It shall be the bidder’s responsibility to carefully examine each item of the specification. Failure to offer a completed bid or failure to respond to each section of the technical specification (exception yes or no) will cause the proposal to be rejected, without review, as “non-responsive”. All variances, exceptions, and/or deviations shall be fully described in the appropriate section; deceit in responding to the specification will be cause for rejection.

1.2.2 EQUIVALENT PRODUCT: Bids will be accepted for consideration on any make and model that is equal to or superior to the specified *one 2019 New Holland tractor with Woods Batwing mower attachment*, as interpreted by the *Pemberton Township Municipal Authority*. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence but will require an explanation at each deviation or substitution.

1.2.3 INTERPRETATIONS: In order to be fair to all bidders no oral interpretations will be given to any bidder as to the meaning of the specification’s documents or any part thereof. Every request for consideration shall be made in writing to the *Pemberton Township Municipal Utilities Authority*. Based on written inquiry the *Pemberton Township Municipal Utilities Authority* may choose to issue an Addendum in accordance with Local Public Contract Laws.

1.2.4 GENERAL SPECIFICATIONS: Units described shall be new, unused and of the current year’s production. Unit shall be of the latest design and in current production, completely serviced, ready for work and shall include all standard and optional equipment as specified herein. All bidders must have the ability to demonstrate the unit they are bidding prior to bid date.

- 1.2.6 Bidders, at the request of the *Pemberton Township Municipal Utilities Authority*, must be prepared to review their specifications with the *Pemberton Township Municipal Utilities Authority* and if requested must also be prepared to provide a trial unit for the convenience of the *Pemberton Township Municipal Utilities Authority*. These services, if needed are considered as part of the bidder's proposal and will be provided without cost or obligation to the *Pemberton Township Municipal Utilities Authority*.

### 1.3 TRACTOR SPECIFICATION:

1.3.1 **TS6.130 New Holland Cab Tractor, Heat.AC/Radio 4x4 with 8x8 Trans, 18.4R38 Rear Tires, 380/85R30 Front tires, Rear Wiper.**

- A. Engine Type, Model: 4 cylinder, 16 valve, high pressure common rail, air to air intercooled turbo diesel Fiat powertrain industrial /FPT NEF.
- B. Engine Displacement: 274(4.5) cu.in
- C. Rated engine horsepower@2200 RPM: 130
- D. Rated PTO Horsepower: 105
- E. Emissions certification: Tier 4B/Final
- F. Fuel Tank Capacity: 57.5 Gals. (217.6 L)
- G. DEF (AdBlue) Tank Capacity: 7.9 Gals. (30L)
- H. Alternator: 120 amps
- I. Battery: 12 volt w/950CCA
- J. Base Transmission: 8x8 synchronized hydraulic shuttle with left hand shuttle.
- K. Creeper Option: 10:1 gear ratio
- L. Rear PTO & 3 Point Hitch RPM: 540/1000
- M. 3 Point Hitch: Category II w/flex link ends
- N. Base, 3 point hitch ASAE lift capacity: 3735 lbs. (1693 kg)
- O. Hydraulic System Type: Fixed displacement pumps (steering, implement, aux) with combining/diverter valve.
- P. Hydraulic implement pump flow: 13 gpm (49 Lpm)
- Q. Auxiliary pump flow: 9 gpm (34 Lpm)
- R. Rear Hydraulic remote valves: Deluxe closed center with flow control and quick connect couplers.
- S. Axels, front 4WD adjustable tread width: 61.4 in. (1,560 mm) to 88.8 in. 2,256 mm)
- T. Rear flange axel adjustable tread width: 64 in. (1620 mm) to 80 in. (2080mm)
- U. Rear Bar Axel adjustable tread width: 60 in (1524 mm) to 80 in. (2028 mm)
- V. Weight (shipping), 4WD, cab, flange axle: 11,200lbs. (5080 kg)
- W. Wheel Base 4 WD (Standard Duty Class 399.2 ins. (2520 mm)
- X. Overall length 4WD with front weights: 184.7 in. (4690 mm)
- Y. Height to top of Cab: 110.2 in. (2800mm)
- Z. Height to top of Exhaust: 109.8 in. (2790 mm)

## **1.4 WOODS MOWER SPECIFICATION:**

### **1.4.1 BW 10.50 Woods Single Side Batwing Mower, 10.5 Ft Cut, Front and Rear Chain Shielding foam aircraft tires, LED Lights**

- A. Tractor PTO hp: 45-200
- B. Cutting Height: 2 in. to 15 in.
- C. Cut Capacity: 2.5 inch diameter
- D. Cutting Width:
- E. Blade Tip speed: 15,000 fpm at 540 rpm, 16,000 fpm at 1000 rpm.
- F. Weight: 4,040 lbs./ 4,340 lbs.
- G. Tongue weight: 1,150 lbs. /1,200 lbs.
- H. Center Deck/Wing Deck: 10 Gauge
- I. Side Skirt Thickness: 0.25 in.
- J. Side skirt depth: 13 in.
- K. Transport width: 96 in.
- L. Stump jumper: Round
- M. Flex: 90 deg. Up, 22 deg. Down
- N. Driveline Rating: Cat 6 CV main, Cat 4 Wing
- O. Splitter Gearbox Rating: 210 HP
- P. Wings Gearbox Rating: 200HP
- Q. Output shaft size: 2 in. diameter
- R. Gearbox warranty: 6 years

## **1.5 WARRANTY**

1.5.1 The manufacturer shall furnish the following to the owner:

1.5.2 A copy of the manufacturer's parts warranty.