



**OHIO TURNPIKE AND  
INFRASTRUCTURE COMMISSION**

**ADDENDUM NO. 4**

**BID INVITATION NO. 4340**

**FOR FURNISHING:**

**EIGHT (8) EACH TACK TRAILERS**

**OPENING DATE:**

**FURTHER EXTENDED TO 2:00 P.M. (EASTERN TIME), MARCH 28-29, 2019**

**ATTENTION OF BIDDERS IS DIRECTED TO:**

**ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00 PM ON MARCH 25, 2019**

**-AND-**

**APPROVAL OF PROPOSED EQUAL**

**-AND-**

**EXTENSION OF THE BID OPENING TO 2:00 P.M. (EASTERN TIME), MARCH 29, 2019**

Issued by the Ohio Turnpike and Infrastructure Commission by Mark R. Musson, Director of Contracts Administration.

A blue ink signature of Mark R. Musson.

Mark R. Musson

3/26/19

Date

**ANSWERS TO QUESTIONS RECEIVED THROUGH 5:00 PM ON MARCH 21, 2019:**

**Q#3 Please consider the approving the GX240 Engine Model for the SealMaster TR300 as the 8 HP produced will also meet specification.**

*A#3 The GX 240 is approved through this Addendum No. 4 for inclusion in the Engine Model specification. The Commission modifies the Specifications by deleting pages 7b and 7c in the Bid Invitation and substituting the attached pages 7b and 7c.*

**Q#4 Please consider approving the Concord Model CRE-333BF-TR as manufactured by Concord Road Equipment Mfg., Painesville, Ohio as equal to the standards specified.**

*A#5 The Concord Model CRE-333BF-TR as manufactured by Concord Road Equipment Mfg., Painesville, Ohio, is approved as equal to specification. The Commission modifies the Specifications by deleting pages 7b, 7c and 7d in the Bid Invitation and substituting the attached pages 7b, 7c and 7d in their place.*

**Addendum No. 4  
Invitation No. 4340 is hereby acknowledged:**

(Firm Name) \_\_\_\_\_

(Signature) \_\_\_\_\_

(Printed Name) \_\_\_\_\_

(Date) \_\_\_\_\_

**THE FOREGOING RESPONSES ARE INCORPORATED INTO THE INVITATION TO BID**

## SPECIFICATIONS

### **EIGHT (8) EACH TACK TRAILERS**

#### Detailed Requirements

The Tack Trailer described herein shall be new and unused, with a rated capacity of approximately 300 gallons. It shall have all the standard features that are normally provided with the model being Bid and include any standard options that are required to meet the Specifications. The Tack Trailer shall be a Mauldin Model MT-300, as manufactured by Calder Brothers Corporation, Taylors, South Carolina, a Stepp Model SBF-300 as manufactured by Stepp Manufacturing Corporation, North Branch, Minnesota, SealMaster Model TR300 as manufactured by SealMaster, Hillsville, Pennsylvania, Concord Model CRE-333BF-TR as manufactured by Concord Road Equipment Mfg., Painesville, Ohio or approved equal, meeting or exceeding the following specifications:

#### Minimum Capacity and Approximate Dimension

##### Tack Trailer

Length:	<u>13' ½", 14' 1" or 18' ¼"</u>
Width:	<u>6', 7' ½", 8' or 8' 1/2"</u>
Loading Height:	<u>62" to 66"</u>
Weight (tank empty):	<u>2,000 lb. to 2,250 lb.</u>
Axle (single):	6,000 lb. capacity with torsion spring suspension
Trailer Frame:	2' X 4" tubular steel construction, or 2" X 6" X 3/16", <u>4" or 6" structural channel</u>
Jack Stand:	3,000 lb. <u>to 3,500 lb.</u> lift capacity (5,000 lb. or 8,000 lb. hold capacity), round or square tube construction, with adjustable quick release foot pad and swivel in stow position ability
Rim and Tires:	Two (2) ST225/75R15, ST235/80R16 <u>or ST235/85R16</u> tires on steel rims mounted on unit and one (1) ST225/75R15, ST235/80R16 <u>or ST235/85R16</u> spare rim and tire to be provided
Brakes:	Single axle electric brakes with break-away system
Safety Chains	5/16" or 3/8" zinc coated safety chains, with forced slip hooks permanently attached.
Hitch:	Solid forged steel 3" inside diameter (I.D.) Pintle hitch, with a 14,000 lb. rating, and adjustable height of 18" to 30".
Lights:	Combination LED stop/tail/turn lights with marker lights properly located meeting Federal Regulation 108 at time of manufacturing
Tack Tank	
Tank Size:	300-gallon <u>or 330-gallon</u> capacity
Tank Shell:	Standard oval cross section, Rectangle, or Cylinder shape
Tank Shell Material:	Steel
Tank Shell Thickness:	7 or 10-gauge
Tank Head Ends:	7 to 10-gauge dished & flanged, welded inside and out
Fill Spout:	<u>18" or 20"</u> inside diameter, with quick access vented cover and splash shield

## SPECIFICATIONS

### **EIGHT (8) EACH TACK TRAILERS**

Tack Tank (cont'd)	
Overflow:	Tank to be equipped with an overflow 2" to 3" in diameter and extending at least 6" above liquid level. Overflow shall be designed that the material drains clear of the chassis frame structure
Clean Out:	Yes
Access Valve:	Yes
Contents Gauge:	Float type gauge mounted on front and rear tank head covers or dipstick mounted in Fill Spout, with low temperature burner shutoff
Rear Tank Sampling Valve:	Yes
Solvent Clean Out Tank Capacity:	5-gallon
Suck Back Valve:	Yes
Tank Recirculate Valve:	Yes
Engine	
Engine Manufacturer:	Kohler, Honda <u>or Briggs/Stranton</u>
Engine Model:	CH395 or GX390 <u>or GX240 or XR1150</u>
Electric Start:	Yes
Gross horsepower:	8 h.p., 9.5 h.p., 13 h.p., <u>11.5 gross torque (ft. lbs.)</u>
Fuel Tank Capacity:	1.5-gallon
Hydraulic Pump	
Hydraulic Pump:	Gear driven hydraulic pump coupled to engine, with variable forward / reverse control, <u>or engine driven direct coupled forward/neutral/reverse planetary 3:1 reduction gear box direct coupled to asphalt pump</u>
Lines and Fittings:	Meeting S.A.E. standard for pressure and flow, all fitting's shall be an "O" ring style boss or flat face seal
Filter:	10-micron replaceable spin on type filter
Hydraulic Reservoir capacity:	5 or 7.5-gallon
Tack Pump	
Tack Pump:	8-gpm, or 2" 30-gpm positive displacement rotary gear type pump. Directly coupled to hydraulic pump with forward and reverse material flow (reverse suction reclaims material from hand wand and lines back to the tank), <u>or engine driven direct coupled forward/neutral/reverse planetary 3:1 reduction gear box direct coupled to asphalt pump</u>
Hand Wand:	Single nozzle
Hose Reel:	1/2" X 40' or 3/4 X 40' manual wind hose reel

## SPECIFICATIONS

### **EIGHT (8) EACH TACK TRAILERS**

Heat System	
Burner:	Single Fired Beckett Model ADC
Burner Rating:	Minimum 250,000 B.T.U.
Heating Flue:	8" Diameter Single Flue Tube with Triple Tank Pass or 6" pipe with manifold (m-shaped flue and 2 four (4) inch stacks, <u>insulated double wall construction, bottom fired with heat passage surrounding the complete inner chamber and exhausting out the front of unit</u>
Fuel Source:	Diesel
Fuel Tank Capacity:	5-gallon, 10-gallon or 30-gallon
Burner Temperature:	Thermostatic Control, 50-500 degrees Fahrenheit
Thermostat Probe:	30-450 degrees Fahrenheit
Auto ignition Burners w/ safety shutdown:	Yes
Auto ignition burners w/ outfire protection:	Yes

#### Accessories

The following additional features shall be provided:

- Formed steel fenders
- License plate bracket with light
- 7-Way round plug (configured to OTIC standards)

#### Trailer Painting

All exterior metal parts, except for stainless steel, bright metal and manufacturer's name plates, shall be painted as follows:

1. The metal shall be thoroughly cleaned and free from rust and scale.
2. One (1) coat of rust-inhibiting epoxy primer, of a penetrating type, shall be applied
3. One (1) base coat, and one (1) finish coat of manufacturer's standard paint shall be applied.