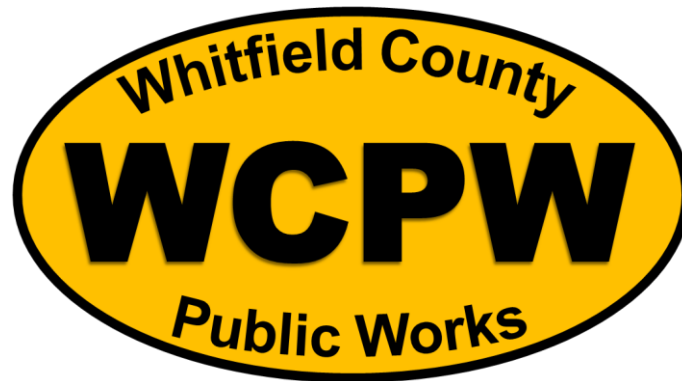


INVITATION TO BID (ITB)



WHITFIELD COUNTY, GEORGIA

ITB#

PW-100-4-200-SPSM-18

(1) SELF-PROPELLED STRIPING MACHINE

Date: **July-12th**
Time: **2:00PM**

BRIAN MCBRAYER
STAFF ACCOUNTANT
(706) 275-7504 / (706) 275-7501 fax

USE THIS FORM ONLY
ONLY BIDS SUBMITTED ON THIS FORM SHALL BE CONSIDERED

The Whitfield County Board of Commissioners will receive sealed bids until 2:00 PM EST on
July 12th for ITB# 100-4-200-SPSM-18 .

SPECIFICATION

This specification describes and defines the minimum requirements of an airless striping machine capable of applying individual lines with widths from 2"-12" per gun in a single pass

	MEETS SPECS YES	MEETS SPECS NO
STRIPING SYSTEM		
<u>1-FRAME</u>		
A-The frame shall be steel rectangular construction with the minimum thickness of 0.12 with dimension of 1" x tubing	_____	_____
B- Frame must be one continuous steel tubing with machine radius bends with only (2) welds	_____	_____
C-Frame shall be polyester powder coated or enamel painted	_____	_____
<u>2-ENGINE</u>		
A- Engine must be 4hp or more with oil alert system, and be name brand example (Honda, Briggs & Stratton, Kolher)	_____	_____
<u>3-PUMP</u>		
A- Pump type shall be direct drive and be dry self-adjusting clutch	_____	_____
B-Pump shall be helical assembled with gears with grease lubrication.	_____	_____
C-Pump shall maintain a minimum of 2000 psi at the pump outlet and be able to support a minimum (1) tip size of 0.036 or (2) tips of 0.025	_____	_____
D- Pump not require special tools to remove for maintenance	_____	_____
E-Pump shall have a 3000 psi stall pressure	_____	_____
F- Pump shall be hydraulically driven	_____	_____
G- Pump must have a Chromex rod section	_____	_____

4-PUMP AND HOSES

- A- Spray guns must be comparable to (Graco Flex 248157)
- B-Spray guns shall be stainless steel construction , with no aluminum internal parts
- C-Spray guns shall be accessible for stencil painting
- D- All hoses shall be rated at 3000 psi or above
- E- All hoses utilized in the paint system must be stainless steel or E-Nickel wetted parts
- F-Primary hose shall be 3/8" x 50' with minimal psi drop

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

5-FILTERS & STRAINERS

- A-Shall be stainless steel construction with 16 mesh opening
- B-Filter system shall be rated at 5000 psi , with no aluminum parts
- C-Filter screen assemble shall have a minimum surface area of 22sq inches , reusable nylon construction with a 50 mesh
- D-Automatic pressure relief device with integral replaceable priming valve
- E-Filter system shall filter paints from inside out of filter elements
- F-Filter screen shall be accessible as one complete component

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

6-DUAL GUN SELECTOR (MANUAL)

- A- Spray gun controls shall be right handed operated whether using single or double gun striping
- B-Gun selector shall require no-tools changing from single or double gun striping from the handlebars
- C-Gun shall require no tools changing between solid and skip lines

_____	_____
_____	_____
_____	_____

7-AUTOMATIC GUNS

- A-Control box shall have (2) selector buttons allowing for the electronic actuation of the paint gun, each gun shall be able to apply solid or skip line
- B-Guns shall have the capability to actuate in (3) separate settings Automatic Manual, Automatic or Semi-Automatic
- C-Auto guns shall be highly visible with a remote electric solenoid
- D- Guns shall be activated electronically with a button or manually with a lever, without the need for adjustments
- E- Guns shall be able to actuate gravity bead guns and pressurize bead gun

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

8-DISPLAY CONSOLE

A- Striping system shall have a digital display located on handlebars that is angle adjustable

B- Display console shall be button activated

C- Display console shall provide real time system pressures, operating speeds and rolling average material thickness (wet mil build) over last 20' of lines striped, also with display update every 5' during operations

D- Display console shall be re-settable to zero and provide the lineal ft. of material applied

E- Display console shall be re-settable and show total material applied in gallons or liters

F- Display console shall have the capability to apply stripe lines with the width of (1) inch increments from 2'-12"

G- Display console shall provide an overall average thickness(wet mil build) and be re-settable to zero

H- Display console shall have a single reset to reset all values (distance, material used, material thickness to zero)

I- Display console shall provide (measure mode) capable of measuring up to (6) separate distances forward and reverse

9-AUTO LAYOUT SYSTEM

A- Shall have a user interface system that allows the replacement of dots to complete layout job

B- Shall be capable of placing dots on hard surface by holding down remote button anywhere as user chooses, when in measure mode or layout mode, while button is in operation the unit is propelled, a dot shall be placed every (1) ft. until button is released

C- Shall have the capability to measure (6) separate distances

D- shall have the capability to transfer measurements to the parking calibrate display

E- Calibrate mode shall allow user to calibrate the units as user determined distance that are accurate to 1/4 - 100'

F- Calibration mode shall have the capability to display standard or metric numerals

G- Shall display engine hours, life gallons and error codes in drop down menu

H- Shall have the capability of placing dots on hard surface at user defined distance automatically by paint gun layout mode _____

I- shall allow user to change size of dots in layout mode with button control _____

J- Shall allow user to automatically measure calculate stall sizes and numbers of stalls _____

K- Shall allow user to automatically change stall angles, depth and sizes, while in angle calibrate mode _____

L- Shall allow user to automatically determine the offset that is required angle of stalls needed in angel calibrate mode _____

M- Shall allow user to preset angles need from 45 degree up to 90 degree with a single button _____

N- Shall allow user to place concurrent dots at users defined location, up to (8) consecutive dot cycles in the marker mode _____

10-FRONT WHEEL SWIVEL ASSEMBLY

A- Shall be a minimum of (3) inch wide contact surface, with sealed ball bearing and be part of the unibody frame _____

B- Wheel shall have a tapered locking pin assembly that is reversible to provide a spare locking pin surface _____

C- Shall be adjustable with common hand tools _____

D- Front tire swivel locking system shall be actuated by left hand release _____

11-CONTROLS

A- Shall have a parking brake lever _____

B- Handle grips shall be oversized and adjustable to multiple positions with pump on/off switch and pressure controls, and gun cable tension adjustments _____

12-SAFETY

A- All pump pressure controls, engine safety shut-off shall be mounted on display console for easy accessibility _____

13-WARRANTY

A- 3 year warranty parts & labor _____

B- Engine shall have a (3) year warranty _____

C- Striping system shall have a (1) year warranty _____

D- Must have a authorized parts dealer within 150 mile radius from Whitfield County _____

14-SPRAY GUN BARS & HOLDERS

A- Spray gun shall be mounted to main frame with single clamp design and have the capability to be attached to the striper at either front or rear and left or right

B- Gun holder shall be a extrusion aluminum no cast aluminum

C- Clamp shall hold the gun vertical & horizontal and maintain a 90 degree angle, must be one piece design

D- Gun bar shall have adjustments every (1) inch for reference alignment

E- Gun shall have the capability to be adjusted vertical & horizontally at every (2) inches for ease alignment

F- Vertical gun holder shall have quick disconnect that can be slid off the end of bar and removed

15-POINTER ASSEMBLY

A- Pointer assembly must extend 40" in front of striper on both left & right side and be able to be stored within the stripers frame in transport

16-BEAD DISPENSING SYSTEM

A- Bead tank must have the capacity of 90 lbs. of material and be constructed of polyethylene

B- Bead must be mounted at rear of machine no more that (7) inches to ensure effective embedment of beads into paint and shall be operated by same hand controls and the paint guns

This specification describes and defines the minimum requirements of a self-propelling add-on devices capable of attaching to selected models of striping systems, and shall be capable of quickly being disconnected and connected to unit as needed, this unit shall come with all hardware to attach to striping system

	MEETS SPECS YES	MEETS SPECS NO
<u>SELF PROPEL SYSTEM</u>		
<u>1-FRAME</u>		
A- The frame shall be steel rectangular construction with the minimum thickness of 0.12 with dimension of 1" x tubing	_____	_____
B- Frame shall be polyester powder coated or enamel painted	_____	_____
<u>2-ENGINE</u>		
A- Engine must be 6.5hp or more with oil alert system, and be name brand example (Honda, Briggs & Stratton, Kolher) must be horizontal shaft design and have an internal generator to have an output of 70 watts, and have vibration insulators to eliminate vibration	_____	_____
B- Shall have a centrifugal clutch engine start system, which links the hydrostatic drive system to engine shaft	_____	_____
<u>3-HYDROSTATIC DRIVE SYSTEM</u>		
A- Must be direct mounted to engine crankshaft and allow forward speeds from 0-16 mph and reverse 0-6 mph	_____	_____
B- Shall have a reservoir with the capacity of (2) qtrs. a spin on filter	_____	_____
C- Shall be Rubber mounted to isolate engine and drive vibration from the frame	_____	_____
D- Shall have single hydrostatic pump to supply power to each wheel drive motor and return to neutral	_____	_____
<u>4- SEATING & STORAGE</u>		
A- Shall have (12) positions adjustments	_____	_____
B- Shall be of steel construction with padded light color exterior material ,and to have storage compartment with the minimum of 10' x 12",and have drink or spray can holder	_____	_____
<u>5- FOOT PEDAL CONTROLS</u>		
A- Shall have dual foot pedal controls with adjustments and top of each pedals	_____	_____

6-PARKING BRAKE

A- Shall have a foot activated parking brake with a step on/off release and shall lock both wheels with (6) adjusting settings

7-LIGHTING SYSTEM

A-Shall have halogen lighting package with break-a-way style bar for transport mode that requires no hand tools, and have an on/off switch powered by on-board regulator to prevent bulb damage

8-ELECTRICAL SYSTEM

A-Shall include a on-board charging system receives power form engine that is regulated to 12 volts through the charging system.

9-SAFETY

A- Operator seat shall have a automatic shut off

B-Hydrostatic coupler shall be fully covered

C- Fenders shall cover tires to prevent contact

13-WARRANTY

A- 3 year warranty parts & labor

B-Engine shall have a (3) year warranty

C- Must have an authorized parts dealer within 150 mile radius from Whitfield County

References : (3) Companies past or present operating same type Paint Striping unit

Company Name _____ **Contact** _____

Company Name _____ **Contact** _____

Company Name _____ **Contact** _____

Brand of Striping Machine unit _____

Model of Striping Machine unit _____

Exception to bid: _____

BID PRICE : _____

SHIPPING / FREIGHT CHARGES : _____

TOTAL BID PRICE: _____

Bids shall be submitted in a sealed opaque envelope and shall be marked on the outside with the name of the submitting company, the ITB number, and the words “Self-Propelled Striping Machine”. Any deviation from the requirements set forth for the labeling of the bid envelopes shall result in said bid being returned to the bidder unopened and any such bid shall not be considered.

Do not call with questions relating to this ITB. Refer to the County Website at <http://www.whitfieldcountyga.com> for bid details and any updates. All communication must be in writing or via email. Address email correspondence to mturner@whitfieldcountyga.com. No verbal or written information which is obtained other than through this ITB or its addenda shall be binding on Whitfield County. No employee of Whitfield County is authorized to interpret any portion of this ITB or give any information as to the requirements of this ITB in addition to that contained in or amended to this written ITB document.

Bid Submittal Instructions:

Vendors are to submit 1 original and 2 copies of their bid.

Sealed bids shall be addressed to the attention of Brian McBrayer and mailed to Whitfield County Board of Commissioners, P.O. Box 248, Dalton GA 30722-0248 or hand delivered to the Courthouse Annex, 301 W. Crawford Street, Dalton GA. All bids shall be received on or before the above designated date and time. Any bid received after this date and time shall not be accepted. Bids shall be typed or submitted in ink. Bids will be opened and read publicly. Bids are legal and binding upon the bidder when submitted.

It is understood that this contract, if accepted by Whitfield County, is entered into solely for the convenience of the county and in no way precludes the county from obtaining like goods from other suppliers upon prior approval of the Whitfield County Board of Commissioners. Such approval shall be made at the sole discretion of the Whitfield County Board of Commissioners and shall be conclusive.

Local Vendor Privilege

Because bids awarded to local vendors contribute to the Whitfield County tax base and promote the local economy, the Whitfield County Board of Commissioners has instituted a local vendor privilege as follows. To qualify as a local vendor, the following conditions have to be met:

1. The vendor has to have an established place of business within Whitfield County.
2. The vendor must have at least two (2) employees who have been working for six (6) months or longer before requesting a local vendor privilege.

All vendors who met these conditions and who wish to claim the local vendor privilege must complete the Affidavit of Eligibility available on the County web site. The local vendor privilege gives qualifying vendors, who are within 4% of the low bid, the opportunity to agree to match the low bid within 24 hours. If more than one local vendor meets the qualifications, the lowest local bidder will be given the first opportunity to agree to match the low bid. If they refuse, the next lowest bidder will get the opportunity and so on until all local vendors within the 4% range have been given an opportunity.

Whitfield County reserves the right to accept or reject any or all bids for any reason, to waive technicalities, and to make an award deemed in its best interest. Whitfield County shall have the right to delete a unit item from the bid if necessary or proper in the sole determination of Whitfield County.

We certify that our bid meets the minimum requirements as specified in bid documents, this

_____ day of _____, 20_____.

AUTHORIZED SIGNATURE

TITLE

PRINTED NAME OF SIGNATURE

COMPANY

ADDRESS

CITY / STATE / ZIP CODE

TELEPHONE NUMBER

FAX NUMBER

E-MAIL ADDRESS