

**NOTICE TO BIDDERS
LOW PROFILE STEEL DECK TRUCK SCALE**

Notice is hereby given that the Board of County Commissioners of Santa Rosa County, Florida, will receive sealed bids for one **Btek Centurion - AT low profile steel deck truck scale and indicators.**

All bids must be original and delivered by hand, Fed EX, or mail to the Santa Rosa County Procurement Department at 6495 Caroline Street Suite G, Milton, Florida 32570; and must be received by 10:00 a.m. local time, on February 25, 2014, at which time bids will be publicly opened and read aloud. Bids are to be sealed and clearly labeled "**BID – SCALE**". Bids received after the time set for the bid opening will be rejected and returned unopened to the bidder. All interested parties are invited to attend.

Questions concerning this equipment should be directed to Ron Hixson at (850) 981-7143.

Specifications and bid form may be secured from Santa Rosa County Website (www.santarosa.fl.gov/bids) or at the Santa Rosa County Procurement Department at the above address. Telephone (850) 983-1870

The Board of County Commissioners reserves the right to waive irregularities in bids, to reject any or all bids with or without cause, and to award the bid that it determines to be in the best interest of Santa Rosa County.

Santa Rosa County Board of County Commissioners encourages all segments of the business community to participate in its procurement opportunities, including small businesses, minority/women owned businesses, and disadvantaged business enterprises. The Board does not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of contracts.

By order of the Board of County Commissioners of Santa Rosa County, Florida

LEGAL NOTICE

One issue – January 25, 2014 - Press Gazette, January 30, 2014 - Navarre Press, and January 30, 2014 – Gulf Breeze News

Bill and proof to Santa Rosa County Procurement Department, 6495 Caroline Street, Suite G, Milton, Florida, 32570, Attn.: Orrin L. Smith.

MINIMUM SPECIFICATIONS STEEL DECK TRUCK SCALE

The following set of specifications will describe a Btek Centurion AT low profile, modular type steel deck truck scale system and indicators, designed to be mounted on an existing above grade pier type foundation. Scale shall be system that is suitable for easy movement from one location to another.

1.0 Requested Equipment

Vendor will supply and install a Btek Centurion AT low profile steel deck scale meeting the minimum specifications that is a direct replacement to the existing scale and shall include in the base price:

- **Disconnection and removal of existing wiring to scale house**
- **Removal of existing scale deck**
- **Removal of existing load cell, stands, bolts or other attachments as needed**
- **Preparation of piers or foundations for installation on new load cell stands**
- **Installation of new load cells and load cell stands, including all bolts or other attachments as needed and associated wiring**
- **Installation of new electrical / data wiring and / or cables, splicing to existing electrical / data wiring or cables is not permitted**
- **Installation of new steel deck scale**
- **Prepare, connect, and calibrate new load cells to existing instrumentation**
- **Installation of two (2) new scalehouse weight indicators**
- **Installation of a new 4" external remote weight display on the incoming scale**
- **Certify and provide Florida State Scale Certification.**

Please Check One:

Yes No

- 1.1 Vendor certifies and warrants that all equipment supplied is fully compatible with the existing instrumentation and software.
- 1.2 Vendor certifies and warrants that all equipment supplied is a direct physical replacement for the existing equipment without significant modifications to the existing piers or foundations.
- 1.3 Vendor certifies the supplied low profile steel deck scale meets all requirements for certification in Florida.

2.0 Minimum Specifications, Steel Deck Scale

The scale shall be a Btek Centurion AT fully electronic, low profile, steel deck design truck scale. The scale platforms, load cells, and digital indicators will be 100 percent designed, manufactured and assembled by one manufacturer located in the United States of America.

Please Check One:

Yes No

- 2.1 Each scale module shall be designed with a minimum Concentrated Load Capacity (CLC) of 45 Tons (90,000 lbs), as defined by NIST. When the CLC is applied at midspan on a module, according to NIST regulations, the maximum stress of the steel shall not exceed 26,000 PSI as determined by Finite Element Analysis (FEA) software. The deflection at this loading condition shall not cause the scale to exceed the allowable accuracy tolerance as specified by NIST in Handbook 44.

Please Check One:
Yes No

- 2.2 Scale shall be a fully electronic design with internal self-checking weighbridge. The scale weighbridge will consist of factory welded modules having a total longitudinal span of 70' (69' 10.5") and platform width of 11' (10' 10.5"). No field assembly or welding will be allowed. Mechanical lever systems are not acceptable.
- 2.3 The scale provided will have an unobstructed weighing surface of 11' (10' 10.5") wide by 70' (69' 10.5") in length. A minimum clearance of 4" shall be provided between the concrete floor and the bottom of the weighbridge.
- 2.4 The scale modules will be designed as such to eliminate use of grout plates requiring setting and leveling prior to arrival of the scale at job sites.
- 2.5 The scale shall have a maximum span deflection ratio of no less than 1:1100 under legal highway loading at mid span of module.
- 2.6 Minimum weighbridge thickness will be 12". Scale shall be an open bottom design. Weighbridges that utilize a sealed bottom plate for structural strength shall not be permitted.
- 2.7 Diamond checkered steel tread-plate shall be supported with a minimum of (12) 12" wide flange, 14 lbs per foot, structural longitudinal beams, welded to top flange of beam and module end plate. Only structural wide flange beam construction shall be allowed. Weighbridge designs utilizing junior beams or bent plate shall not be permitted.
- 2.8 The entire bridge assembly shall be cleaned prior to the addition of any coatings or paint to the weighbridge modules.
- 2.9 All steel shall be evenly spray coated with an two-part epoxy primer followed by a two-part polyurethane top coat.
- 2.10 All steel elements shall be steel shot blasted to SSPC-A-SP6 standards.
- 2.11 Module end plates shall be a minimum 3/4" thick, and shall be reinforced on each side with longitudinal I-beams. Load cell pockets shall be constructed of 3/4" steel plate and shall be tied to the end plates using tabs and laser cutouts. Scale modules using flat welded or bolted end boxes shall not be allowed.
- 2.12 The scale will be NTEP-certified and shall meet the requirements set forth by the NIST Handbook 44 for Class III-L devices. The bidder shall submit a current copy of Certificate of Conformance (COC) with bid.
- 2.13 Access covers to the load cells shall be from the top of the scale and shall be bootless in design. Cover plates will be reinforced to adequately handle axle traffic over the covers.

Please Check One:
Yes No

- 2.14 Scale shall be equipped with gusseted bolt-on safety guide rails on each side of the scale with a minimum of 4" diameter pipe. A minimum of 3 bolts will be used at each gusset to attach side rail. Guide rails welded to weighbridge shall not be permitted.

3.0 Load Cells and Junction Boxes

Load cells are rigidly mounted utilizing a single link suspension to provide equal and consistent and evenly distributed force to the load cell. Load cells are totally self-contained, and come complete with mounting stands, single-link suspension, and 60' of cable to junction box.

Please Check One:
Yes No

- 3.1 Load cells shall be rigidly mounted in fabricated steel stands parallel to traffic flow. Suspension system will be E4340 material forged single link suspension hardened to Rockwell "C" 40-45 to allow self-centering and free floating platform.
- 3.2 Load cells will have a minimum capacity of 75,000 lbs each with an overload safety factor of 150 percent. Scales utilizing a lower capacity load cell than 75,000 will not be permitted.
- 3.3 Load cell cable runs shall be poly coated stainless steel sheathed cables.
- 3.4 All access to load cells will be from the top of the scale through formed steel access panels.
- 3.5 A flexible screw-type conduit fitting shall be provided at each load cell. Load cell cable shall be totally enclosed within permanent conduit provided within the weighbridge. Load cells using connectors of any type will not be permitted.
- 3.6 Load cells shall be of 4340 alloy steel nickel plated and shall be hermetically sealed with a minimum IP68 rating.
- 3.7 Replacement load cells shall be available from a multitude of vendors nationally, and shall not be single sourced or of a proprietary design.
- 3.8 Junction boxes shall NEMA 4X Fiberglass Reinforced Polyester (FRP) with formed contoured edges and gasket, top access and shall have a GORE™ single directional membrane vent with GDT surge protection or equivalent design.
- 3.9 Load cell stands will be flush mounted to concrete piers and anchored using wedge locks or similar bolts.

Please Check One:

Yes No

- 3.10 A 1" braided copper transient bypass cable shall be provided at each load cell from the weighbridge to the base stand.
- 3.11 Load cells shall be warranted for a minimum of 2 years against failure of all types including lightning or surge voltage.
- 3.12 A single-point grounding system will be provided. Systems utilizing a multiple point ground will not be permitted.

4.0 Indicators

Please Check One:

Yes No

- 4.1 Shall be a Btek D410 or equivalent.
- 4.2 High visibility backlit LCD full graphic display.
- 4.3 Text based configuration menus
- 4.4 (2) Plug & Play option card slots
- 4.5 (2) relay outputs (110 VAC @ 200 mA)
- 4.6 (1) RS-232 serial port
- 4.4 (1) 0-20mA / 4-20 mA 0-10 V configuration analog output
- 4.5 (1) RS-232 / RS-422 / RS-485 configuration port
- 4.6 (2) optically isolated contact inputs
- 4.4 Ethernet option card
- 4.5 (4) input / (4) output option card
- 4.6 Must be UL approved and have a NTEP Certificate.

**BID FORM
STEEL DECK TRUCK SCALE**

Santa Rosa County Procurement Department
6495 Caroline Street, Suite G
Milton, Florida 32570

Date _____

Dear Sir:

The undersigned agrees to furnish the equipment as requested by you for Santa Rosa County in your invitation to bid and certifies that the equipment bid meets or exceeds the specifications called for, except as set out in "Exceptions to Bid Conditions" and attached to this form.

Make and Model of Equipment _____

Name & Address of Bidder _____

Cash Bid Price FOB – Milton, Florida

STEEL DECK TRUCK SCALE \$ _____

Specify Warranty Information _____

Delivery Date Must Be Specified _____

Company Representative Signature

Telephone

NOTE: Please return this bid form to the above address. NO OTHER BID FORM WILL BE ACCEPTED.

COMMENTS: _____

SWORN STATEMENT UNDER SECTION 287.133 (3) (A),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to _____
by _____
(print individual's name and title)
for _____
(print name of entity submitting sworn statement)
whose business address is _____ and (if applicable) its Federal
Employer Identification Number (FEIN) is _____. If the entity has no FEIN,
include the Social Security Number of the individual signing this Sworn Statement: _____.
2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of public entity crime.
5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with legal power to enter into a binding contract and which bids or appeals to bid on contracts for the provision of goods and services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Indicate which statement applies.)
_____ Neither the entity submitting this sworn statement, nor one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
_____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
_____ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officers determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (ATTACH A COPY OF THE FINAL ORDER.)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

_____ (Signature)

Sworn to and subscribed before me this _____ day of _____, 2_____.

Personally known _____

or Produced identification _____ Notary Public – State of _____

_____ My commission expires _____

(Type of identification)

_____ (Printed, typed, or stamped commissioned name of notary public.)

SANTA ROSA COUNTY CENTRAL LANDFILL

LOW PROFILE STEEL DECK TRUCK SCALE

February 4, 2014

ADDENDUM NO. 1

The following represents clarification, additions, deletions, and / or modifications to the above referenced bid. This addendum shall hereafter be regarded as part of the bid. Items not referenced herein shall remain unchanged, including response date. Receipt of this addendum shall be acknowledged as required in the bid form.

1. 1.0 Requested Equipment

- Removal of existing scale deck.

Clarification Vendor is responsible for the removal of the existing concrete scale deck, including any equipment such as cranes, lifting cables or slings, required to move the existing concrete deck to a flat bed truck, provided by the county, for disposal.

- Prepare, connect, and calibrate new load cells to existing instrumentation.

Clarification Vendor's BID shall include the cost to install and calibrate the new Btek D410 Indicators with the existing and new Btek Centurion AT scales.

2. Specification 2.1 Each scale module shall be designed with a minimum Concentrated Load Capacity (CLC) of 45 tons (90,000 lbs), as defined.....

Corrected Each scale module shall be designed with a minimum Concentrated Load Capacity (CLC) of 50 tons (100,000 lbs), as defined.....

3. Specification 2.6 Minimum weighbridge thickness will be 12". Scale shall be

Corrected Minimum weighbridge thickness will be 10" with a 3/8" deck plate thickness. Scale shall be

4. Specification 2.7 Diamond checkered steel tread-plate shall be supported with a minimum of (12) 12" wide flange, 14 lbs per foot, structural

Corrected Diamond checkered steel tread-plate shall be supported with a minimum of (10) 10" I-beams, 14 lbs per foot, structural

5. Specification 3.1 **Deleted.**

6. Specification 3.6 Load cells shall be of 4340 alloy steel nickel plated and shall

Corrected Load cells shall be stainless steel and shall

Questions / Comments should be directed to:

Ron Hixson
Environmental Supervisor
Phone: (o) 850-981-7143
(c) 850-232-8773
Email ronh@santarosa.fl.gov

End of Addendum No. 1

SANTA ROSA COUNTY CENTRAL LANDFILL

LOW PROFILE STEEL DECK TRUCK SCALE

February 12, 2014

ADDENDUM NO. 2

The following represents clarification, additions, deletions, and / or modifications to the above referenced bid. This addendum shall hereafter be regarded as part of the bid. Items not referenced herein shall remain unchanged, including response date. Receipt of this addendum shall be acknowledged as required in the bid form.

- 2.2 Scale shall be a fully electronic design with internal self-checking weighbridge. The scale weighbridge will consist of factory welded modules having a total longitudinal span of ~~70' 69' 10.5"~~ and platform width of ~~9' 10" 11' (10' 10.5")~~. No field assembly or welding will be allowed. Mechanical lever systems are not acceptable.
- 2.3 The scale provided will have an unobstructed weighing surface of ~~9' 10" 11' (10' 10.5")~~ wide by ~~70' 69' 10.5"~~ in length. A minimum clearance of 4" shall be provided between the concrete floor and the bottom of the weighbridge.

Santa Rosa County strongly suggests vendors visit the site to evaluate the site conditions and physical construction of the existing scale and pier foundations. The new scale is intended to replace the existing concrete deck scale with a minimum of modifications to the existing foundations.

It is the responsibility of the Vendor to verify scale measurements and the physical location and construction of the piers to ensure the new scale will be a direct replacement of the existing concrete deck scale.

Questions / Comments should be directed to:

Ron Hixson
Environmental Supervisor
Phone: (o) 850-981-7143
(c) 850-232-8773
Email ronh@santarosa.fl.gov

End of Addendum No. 2