

# MEMORANDUM

TO: Dax Blake, P.E.  
Administrator

FROM: John Hoff  
Residuals Manager

DATE: May 3, 2010

SUBJ: Bid # SA-003502 Trommel Screen  
Terra Select T6 from Solid Waste Equipment Solutions \$194,927.00

Find attached the Bid Tabulation for four (4) formal bids opened on March 4, 2010 and supplemental letter to purchase one Portable Trommel Screen to size composted sewage sludge. Columbus Equipment was low bidder but was non-responsive to the specifications. The second bidder's proposal was found to be responsive. I recommend award of Items #1 & #3 to:

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George Hunyadi, Solid Waste Equipment Solutions, LLC  
7385 North State Route 3, Suite 123 Westerville, Ohio 43082

Solid Waste Equipment Solutions proposed the Terra Select Model T6 and demonstrated the trommel screen on-site at the SW Compost Facility from 4/27/10 through 4/30/10. The screen unit was inspected for conformance with the specifications and on 4/29/10 the unit was operated for 6.5 hours through 3 trials to measure production, quality assurance of compost product, and fuel use. The Terra Select T6 conforms to all specifications and performance standards. It additionally offers several features I believe will be beneficial: cog driven hopper belt to eliminate slippage, the galvanized skirting inside the machine, and the variable speed adjustment on discharge conveyors.

Legislation should be prepared to award a contract to the above bidder for Bid Items #1 & 3 in the total amount of \$194,927.00 from budget index 604801 MOC 6652 for the SW Compost Facility.

If you have questions contact John Hoff at 3153 x0

File: Forms/BidSpecs/BidAwardTROMMEL 2010



|   |          | Doppstadt, US |   | Solid Waste Solutions |                             | Columbus Equipment Co. |                                      | Universal Equipment Mfg |            |
|---|----------|---------------|---|-----------------------|-----------------------------|------------------------|--------------------------------------|-------------------------|------------|
| item no.  | est. qty | unit          | item  | unit price            | unit price                  | Unit Price             | Unit Price                           | Unit Price              | Unit Price |
| 1   | 1        | ea            | U S Doppstadt SM720 Horizontal Trommel Screen or equal with 10mm and 12mm drums | \$244,717.00          | \$214,927.00                | \$205,550.00           | \$242,000.00                         |                         |            |
| 2   | 1        | ea            | Optional Extended Warranty  |                       |                             |                        |                                      |                         |            |
| 3   | 1        | ea            | TRADE-IN 2001 Powerscreen 725 Trommel   | \$40,000.00           | \$20,000.00                 | \$25,000.00            | \$37,610.00                          |                         |            |
|   |          |               | Net Item 1 minus Item 3   | \$204,717.00          | \$194,927.00                | \$180,550.00           | \$204,390.00                         |                         |            |
| Unit Make, Model and Year (Section 3.2)                     |          |               | 210 Doppstadt SM720   |                       | Terra Select Model T6, 2010 | McCloskey 616REP, 2010 | Universal Equipment 720 Hornett 2010 |                         |            |
| State Standard Warranty (Section 6.1.2)                     |          |               |   | 1 year/1,000hrs       | 12 months/3,000 hrs         | 12 months/2000 hrs     | 12 months parts&labor/1,000 hrs      |                         |            |
| State Optional Extended Warranty if Offered (Section 6.1.2) |          |               |   |                       |                             |                        | Engine only 3yr 5,000 hrs            |                         |            |

|   |                              |                                    |   |
|---|------------------------------|------------------------------------|---|
| Weight of 10MM (or 3/8") Drum (Section 3.3.7.11)          | 3,200 lbs                    | 4,400 lbs                          | 4,200 lbs   |
| Weight of 12MM (or 1/2") Drum (Section 3.3.7.11)          | 3,200 lbs                    | 4,500 lbs                          | 4,200 lbs   |
| Specify surface preparation and finish (Section 3.3.12.2) | 2 component paint<br>RAL2011 | Meets the SSPC-SP-6 Specifications | Sand Blast to<br>SSPC-SPG. 1 coat<br>Epoxy Primer 6-9<br>mil WFT, 1 coat<br>Solvent Based<br>Acrylic Urethane or<br>Water Based<br>Acrylic Enamel |

Ioia, Debbie

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**From:** Blake, Dax J.  
**Sent:** Monday, May 03, 2010 12:02 PM  
**To:** Hoff, John D.  
**Cc:** Preston, Ronald M.; Ushry, Jeffrey A.; Lombardi, Joe A.; Hupp, Mike W.; Ioia, Debbie  
**Subject:** RE: APPROVAL: Compost Trommel Screen - Terra Select T6

OK – Let's proceed.

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**From:** Hoff, John D.  
**Sent:** Monday, May 03, 2010 10:47 AM  
**To:** Blake, Dax J.  
**Cc:** Preston, Ronald M.; Ushry, Jeffrey A.; Lombardi, Joe A.; Hupp, Mike W.; Ioia, Debbie  
**Subject:** APPROVAL: Compost Trommel Screen - Terra Select T6

Dax,  
Find attached the bid tabulation and recommendation for award to Solid Waste Solutions, LLC for a Terra Select T6 trommel. The demonstration unit was newly delivered from Germany on Tuesday 4/27/10; inspection of the unit with Purchasing buyer Chris Lorenz on Wednesday; and trommel demonstration and performance tests on Thursday 4/29/10. This is a good screen, well designed, very good price, meets specifications. << File: BidAwardTROMMEL\_2010.doc >>

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John  
3153x102

<< File: SA003502 scrn tab.tif >>

-----Original Message-----

**From:** Lorenz, Christopher F.  
**Sent:** Monday, May 03, 2010 8:46 AM  
**To:** Hoff, John D.  
**Subject:** RE: Terra Select Demo information

Everything looks fine. You should now go through your normal procedure and I will look forward to the award letter from your director. Thanks Chris

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**From:** Hoff, John D.  
**Sent:** Friday, April 30, 2010 2:57 PM  
**To:** Lorenz, Christopher F.  
**Cc:** Preston, Ronald M.; Ushry, Jeffrey A.  
**Subject:** Terra Select Demo information

Find attached a scanned copy of my notes / checklist.

My review concluded that the trommel screen meets all specifications. This is a very good price for the quality machine. Mechanic said that Perkins engine and Sauer Danfoss pumps, SKI bearings are all available locally. The cog hopper belt is a great aid / idea, but is a sole source item. Galvanized skirting inside screen is good idea too. Variable controls on conveyors is helpful also.

A few items will be addressed upon delivery of the actual machine to the City (some points may need chaffing guards, they agree to add some to eliminate any questions) and the hopper skirt on the end of the hopper to extend it 4 inches (adding skirting to hopper is common, Doppstadt hopper meets spec with that means). The drum perforated surface area is 344 sq. ft. (at least 312 sq. ft. required). Drum removal went smoothly and was

out in less than 30 minutes first try, very easy. Unit appears to be very well designed and put together.

Please advise how you want to proceed. I generally make a recommendation to my Administrator Dax Blake when everything is ready, and you are satisfied we have covered everything. I recommend awarding to Solid Waste Equipment Solutions, LLC.

Hyunadi plans to remove the screen next Monday from the site. He mentioned that he would like to use our site as a demo site to show the machine.

John Hoff  
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<< File: terra select 4.29.10.pdf >>