



# UNIVERSITY OF SOUTH CAROLINA

AMENDMENT NO. 2 TO SOLICITATION

TO: ALL VENDORS

FROM: Charles Johnson, Procurement Manager

SUBJECT: SOLICITATION NUMBER: USC-RFP-3344-CJ

DESCRIPTION: Provide Hazardous and Universal Waste Transportation and Disposal for the University of South Carolina System

DATE: August 7, 2018

This Amendment No. 2 modifies the Request for Proposals only in the manner and to the extent as stated herein.

Vendor Questions and Answers

**THE DEADLINE FOR RECEIPT OF PROPOSALS HAS BEEN CHANGED FROM 3:00 PM ON AUGUST 13, 2018 TO 3:00 PM ON AUGUST 15, 2018**

BIDDER SHALL ACKNOWLEDGE RECEIPT OF AMENDMENT NO. 2 IN THE SPACE PROVIDED BELOW AND RETURN IT WITH THEIR BID RESPONSE. FAILURE TO DO SO MAY SUBJECT BID TO REJECTION.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Name of Offeror

\_\_\_\_\_  
Date

**THE FOLLOWING QUESTIONS WERE RECEIVED FROM VENDOR A:**

**QUESTION #1:** What time on August 13<sup>th</sup> are submittals due? Neither the cover sheet nor the “Deadline for Submission of Offer” provision referenced on the cover sheet designates the time.

**ANSWER:** Please see Amendment 1 to the solicitation.

**QUESTION 2:** To assist us in preparing our response, we would like to request copies of the 3 most recent invoices and the contract pricing for the most recent award for these services so we can accurately code and provide pricing for our submission. Please advise if we can receive this information.

**ANSWER:** Please see the most recent invoices for this service included in this amendment. Also, please see the awarded contract pricing from the last time the contract was awarded in 2013. Included in this solicitation

**QUESTION #3:** What is the total contract value of this opportunity?

**ANSWER:** The University does not choose to release this information at this time as it's dependent upon the highest ranked offeror's proposed pricing and negotiations.

**QUESTION #4:** Can the University supply its certificates of disposal for its most recent service?

**ANSWER:** Yes, please see the certificate of disposal for our most recent service included in this amendment.

**QUESTION #5:** Most customers do not prefer their labpack waste to be repackaged and/or processed with other customers' waste. This process is very labor intensive and could lead to higher rates than simply disposing of an entire labpack container at a RCRA incinerator. Can this item be stricken or amended to allow for disposal of containers without depacking and allow more bidders to competitively bid this opportunity?

**ANSWER:** No.

**QUESTION #6:** Please provide estimated quantities of all wastes shipped annually to assist bidders in preparing an annual estimated total?”

**ANSWER:** This varies from year to year depending in the amount of research at this institution. With changing variables to include but not limited to changes in curriculum as well as turnover of researchers and professors.

**The data for the last three (3) years are:**

**2015: 48,584 pounds**

**2016: 99,795 pounds**

**2017: 43,726 pounds**

**Current year 2018: 55,746 pounds**

**QUESTION #7:** A standardized pricing format would allow for much more accurate pricing comparison between potential vendors. Would the University consider providing a specific pricing sheet with estimated annual totals for each category?

**ANSWER:** At this time, we believe this is not in the University's best interest to do this. See the awarded contract pricing from 2013 referenced in question #2 above.

**QUESTION #8:** Page 11, Section D, #5: Can this item be amended to read "Any chemist working on behalf of the contractor must have a four (4) year chemistry or related degree or similar experience conducting these duties"? Would a Chemist and an assisting Tech be acceptable?

**ANSWER:** As a University, we value education so it is in our best interest to make sure those persons handling our waste have the appropriate degree(s).

**QUESTION #9:** Page 12, Section D, #13: Will USC accept industry standard audits in lieu of site visits?

**ANSWER:** We require multiple on-site visits throughout the contract term.

**QUESTION #10:** Page 12, Section D, #19: Due to new legislation, Elemental Hg must be sent for storage as a strategic resource.

**ANSWER:** All waste must be managed, stored, disposed, and/or recycled in accordance with all federal, state, and local regulations.

**QUESTION #11:** Page 15, Section K, Price Schedule: Indicates pricing must be wrapped but does not mention state fees and e-Manifest fees. Can we add these as line items to the proposal?

**ANSWER:** Our additions to the solicitation are highlighted in yellow. Modification has been made to Subsection K. Price Schedule in Section III of the solicitation and it now reads as follows:

**K. Price Schedule:** All contract prices must include transportation and driver cost, expected equipment, machinery, personal protective equipment, containers, drums (including over-pack drums when necessary), packing material absorbent material, labels, markers, placards, loading equipment and any other materials and facilities needed to perform this service properly (to include, but not limited to, state fees and e-manifest fees).



Tradebe Environmental Services, LLC  
 1433 E 83rd Ave, Suite 200  
 Merrillville, IN 46410  
 T. 2193973951 F. 6309280813  
 us.cs@tradebe.com www.tradebeusa.com

| CUSTOMER               |  | INVOICE                              |
|------------------------|--|--------------------------------------|
| <b>CUSTOMER ID:</b>    | 1100020403   | <b>INVOICE NUMBER:</b> 4440021471    |
| <b>NAME:</b>           | University Of South Carolina   | <b>INVOICE DATE:</b> 07/09/2018      |
| <b>ADDRESS:</b>        | 306 Benson School<br>Environmental Health & Safety Program<br>Columbia, SC 29208 | <b>CURRENCY:</b> USD                 |
| <b>CONTACT PERSON:</b> |  | <b>PURCHASE ORDER:</b><br>2000036082 |

Site: USC - BLUFFTON 1 UNIVERSITY BLVD, BLUFFTON, SC 29909

| Manifest: 018647189JJK              | SO: 1654464 | Date: 06/27/2018 | Plant: TTR Millington |            |
|-------------------------------------|-------------|------------------|-----------------------|------------|
| Description                         | Quantity    | Unit             | Unit Price            | Amount     |
| LAB PACK QUANTITIES OF FUELS        | 1/1         | ZF               | ZF                    | 1.00 15gal |
| INCOMING LAB PACKS SUITABLE FOR INC | 1/2         | ZI               | ZI                    | 1.00 15gal |
| INCOMING LAB PACKS SUITABLE FOR INC | 1/3         | ZI               | ZI                    | 1.00 15gal |
| INORGANIC/ORGANIC ALKALINE LABPACKS | 1/4         | ZC               | ZC                    | 1.00 30gal |
| NON REGULATED LAB PACKS SUITABLE FO | 2/5         | ZE               | ZE                    | 1.00 5gal  |
| SPECIMENTS IN FORMALIN              | 2/6         | USC-144          | ZV5                   |            |
| MINIMUM CHARGE: 5                   |             |                  |                       | 5.00 55gal |
| SPECIMENTS IN FORMALIN              | 2/7         | USC-144          | ZV5                   |            |
| MINIMUM CHARGE: 4                   |             |                  |                       | 4.00 30gal |
| Environmental Assessment            |             |                  |                       | 7.00       |

| Manifest: SC:1654464                  | Date: 06/27/2018 | Plant: TTR Millington |            |        |
|---------------------------------------|------------------|-----------------------|------------|--------|
| Description                           | Quantity         | Unit                  | Unit Price | Amount |
| Field Chemist                         | 3.00             | Hour                  |            |        |
| Vermiculite                           | 2.00             | each                  |            |        |
| Drum - 5 Gal Pail - Pg I Rated        | 1.00             | each                  |            |        |
| Drum, Poly, 1H2/Y56/S, 16 Gal         | 3.00             | each                  |            |        |
| Drum, Poly, 1H2/Y142/S, Recyc, 30 Gal | 4.00             | each                  |            |        |
| Drum, Poly 1H2/Y237/S, 55Gal          | 5.00             | each                  |            |        |
| TRANSPORTATION PER 5G DRUM            | 1.00             | Drum                  |            |        |
| TRANSPORTATION PER 15G DRUM           | 3.00             | Drum                  |            |        |
| TRANSPORTATION PER 30G DRUM           | 5.00             | Drum                  |            |        |
| TRANSPORTATION PER 55G DRUM           | 5.00             | Drum                  |            |        |
| Environmental Assessment              |                  |                       |            | 7.00   |

|                  |                |
|------------------|----------------|
| <b>SUBTOTAL</b>  | 4488.09        |
| <b>SALES TAX</b> | 0.00           |
| <b>TOTAL DUE</b> | <b>4488.09</b> |

**General Remarks**

**Remit To:**

Tradebe Environmental Services, LLC  
 PO Box 674238  
 Dallas, TX 75267-4238

| Payment Terms  | Total Due | Due Date   | Conditions |
|----------------|-----------|------------|------------|
| Due in 30 days | 4,488.09  | 08/09/2018 |            |



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| CUSTOMER   |  |          |                 | INVOICE                |                        |                |                      |
|--|--|----------|-----------------|------------------------|------------------------|----------------|----------------------|
| <b>CUSTOMER ID:</b>  | 1100020403   |          |                 | <b>INVOICE NUMBER:</b> | 4440023845             |                |                      |
| <b>NAME:</b>   | University Of South Carolina   |          |                 | <b>INVOICE DATE:</b>   | 07/27/2018             |                |                      |
| <b>ADDRESS:</b>  | 306 Benson School<br>Environmental Health & Safety Program<br>Columbia, SC 29208 |          |                 | <b>CURRENCY:</b>       | USD                    |                |                      |
| <b>CONTACT PERSON:</b>   |  |          |                 | <b>PURCHASE ORDER:</b> | 2000036082             |                |                      |
| <b>Site: UNIVERSITY OF SOUTH CAROLINA "306 BENSON SCHOOL; EHS PROGRAM", COLUMBIA, SC 29208</b> |  |          |                 |                        |                        |                |                      |
| <b>Manifest:</b>   | SO:1785182   |          | Date:07/18/2018 |                        | Plant:TTR East Chicago |                |                      |
| <b>Description</b>   |  |          | <b>Quantity</b> | <b>Unit</b>            | <b>Unit Price</b>      | <b>Amount</b>  |                      |
| Manifest Preparation Fee   |  |          | 1.00            | each                   |                        |                |                      |
| <b>Manifest:</b>   | SO:1785182   |          | Date:07/23/2018 |                        | Plant:TTR East Chicago |                |                      |
| <b>Description</b>   |  |          | <b>Quantity</b> | <b>Unit</b>            | <b>Unit Price</b>      | <b>Amount</b>  |                      |
| EPA eManifest Data Upload Fee  |  |          | 1.00            | each                   |                        |                |                      |
| <b>Site: UNIVERSITY OF SOUTH CAROLINA "306 BENSON SCHOOL; EHS PROGRAM", COLUMBIA, SC 29208</b> |  |          |                 |                        |                        |                |                      |
| <b>Manifest:</b>   | 018647174JJK   |          | SO:1785182      |                        | Date:07/18/2018        |                | Plant:TTR Millington |
| <b>Description</b>   |  |          | <b>Quantity</b> | <b>Unit</b>            | <b>Unit Price</b>      | <b>Amount</b>  |                      |
| FLAMMABLE PAINT  | 1/1  | USC-147  | ZV1             |                        |                        |                |                      |
| MINIMUM CHARGE: 1  |  |          |                 | 1.00                   | 30gal                  |                |                      |
| Latex paint in cans  | 1/2  | USC-179  | ZV7             | 1.00                   | 15gal                  |                |                      |
| DR GEOFF SCOTT WASTE   | 1/3  | USC-195  | LE              | 1.00                   | 55gal                  |                |                      |
| WASTE SOLVENT  | 1/4  | USC-110A | LF              | 3.00                   | 55gal                  |                |                      |
| USED OIL   | 2/5  | USC-123  | LF              | 1.00                   | 55gal                  |                |                      |
| USED OIL   | 2/6  | USC-123  | LF              | 1.00                   | 55gal                  |                |                      |
| SILICA GEL   | 2/7  | USC-102  | NE              | 1.00                   | CYB                    |                |                      |
| REACTIVE LAB PACK MATERIAL NOT INLC  | 2/8  | ZP2      | ZP2             | 1.00                   | 5gal                   |                |                      |
| REACTIVE LAB PACK MATERIAL NOT INLC  | 2/9  | ZP2      | ZP2             | 1.00                   | 5gal                   |                |                      |
| INCOMING LAB PACKS SUITABLE FOR INC  | 2/10   | ZI       | ZI              | 1.00                   | 55gal                  |                |                      |
| INCOMING LAB PACKS SUITABLE FOR INC  | 2/11   | ZI       | ZI              | 1.00                   | 5gal                   |                |                      |
| Environmental Assessment   |  |          |                 | 7.00                   |                        |                |                      |
| <b>Manifest:</b>   | SO:1785182   |          | Date:07/18/2018 |                        | Plant:TTR Millington   |                |                      |
| <b>Description</b>   |  |          | <b>Quantity</b> | <b>Unit</b>            | <b>Unit Price</b>      | <b>Amount</b>  |                      |
| Transportation Per CYB   |  |          | 1.00            | Drum                   |                        |                |                      |
| Transportation Per 5G Drum   |  |          | 3.00            | Drum                   |                        |                |                      |
| Transportation Per 15G Drum  |  |          | 1.00            | Drum                   |                        |                |                      |
| Transportation Per 30G Drum  |  |          | 1.00            | Drum                   |                        |                |                      |
| Transportation Per 55G Drum  |  |          | 5.00            | Drum                   |                        |                |                      |
| Field Chemist  |  |          | 7.00            | Hour                   |                        |                |                      |
| Drum, Poly, 1H2/Y56/S, 16 Gal  |  |          | 4.00            | each                   |                        |                |                      |
| Drum, Poly, 1H2/Y142/S, Recyc, 30 Gal  |  |          | 2.00            | each                   |                        |                |                      |
| Drum, Poly 1H2/Y237/S, 55Gal   |  |          | 10.00           | each                   |                        |                |                      |
| Drum,Steel 1A2/Y1.2/100 17H Recon, 55Gal   |  |          | 2.00            | each                   |                        |                |                      |
| Environmental Assessment   |  |          |                 | 7.00                   |                        |                |                      |
| <b>SUBTOTAL</b>  |  |          |                 |                        |                        | <b>3069.48</b> |                      |
| <b>SALES TAX</b>   |  |          |                 |                        |                        | <b>0.00</b>    |                      |
| <b>TOTAL DUE</b>   |  |          |                 |                        |                        | <b>3069.48</b> |                      |

|   |                  |                 |                   |
|---|------------------|-----------------|-------------------|
| <b>General Remarks</b>  |                  |                 |                   |
| <b>Remit To:</b>  |                  |                 |                   |
| Tradebe Environmental Services, LLC<br>PO Box 674238<br>Dallas, TX 75267-4238 |                  |                 |                   |
| <b>Payment Terms</b>  | <b>Total Due</b> | <b>Due Date</b> | <b>Conditions</b> |
| Due in 30 days  | 3,069.48         | 08/27/2018      |                   |



**TRADEBE**

Tradebe Environmental Services, LLC

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Merrillville, IN 46410

T. 2193973951 F.6309280813

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| CUSTOMER   |                                       |                 |                   | INVOICE                |               |                   |                |                |
|--|---------------------------------------|-----------------|-------------------|------------------------|---------------|-------------------|----------------|----------------|
| <b>CUSTOMER ID:</b>  | 1100020403                            |                 |                   | <b>INVOICE NUMBER:</b> | 4440023847    |                   |                |                |
| <b>NAME:</b>   | University Of South Carolina          |                 |                   | <b>INVOICE DATE:</b>   | 07/27/2018    |                   |                |                |
| <b>ADDRESS:</b>  | 306 Benson School                     |                 |                   | <b>CURRENCY:</b>       | USD           |                   |                |                |
|  | Environmental Health & Safety Program |                 |                   | <b>PURCHASE ORDER:</b> | 2000056082    |                   |                |                |
| <b>CONTACT PERSON:</b>   | Columbia, SC 29208                    |                 |                   |                        |               |                   |                |                |
| <b>Site: UNIVERSITY OF SOUTH CAROLINA 300 UNIVERSITY WAY, SPARTANBURG, SC 29303-4932</b> |                                       |                 |                   |                        |               |                   |                |                |
| <b>Manifest:</b>   | 018647254JJK                          | <b>SO:</b>      | 1785186           | <b>Date:</b>           | 07/09/2018    |                   | <b>Plant:</b>  | TTR Millington |
| <b>Description</b>   |                                       |                 |                   | <b>Quantity</b>        | <b>Unit</b>   | <b>Unit Price</b> | <b>Amount</b>  |                |
| WASTE SOLVENT  | 1/1                                   | USC-110A        | LF                | 25.00                  | 5gal          | 12.20             | 305.00         |                |
| SILICA GEL   | 1/2                                   | USC-102         | NE                | 7.00                   | 5gal          | 20.34             | 142.38         |                |
| DR GEOFF SCOTT WASTE   | 1.3                                   | USC-195         | LE                | 1.00                   | 5gal          | 17.29             | 17.29          |                |
| Environmental Assessment   |                                       |                 |                   | 7.00                   | %             |                   | 32.53          |                |
| <b>Manifest:</b>   | SO:1785186                            | <b>Date:</b>    | 07/09/2018        |                        | <b>Plant:</b> | TTR Millington    |                |                |
| <b>Description</b>   |                                       |                 |                   | <b>Quantity</b>        | <b>Unit</b>   | <b>Unit Price</b> | <b>Amount</b>  |                |
| TRANSPORTATION PER 5G DRUM   |                                       |                 |                   | 33.00                  | Drum          | 10.17             | 335.61         |                |
| Field Chemist  |                                       |                 |                   | 3.50                   | Hour          | 45.77             | 160.20         |                |
| Manifest Preparation Fee   |                                       |                 |                   | 1.00                   | each          | 20.00             | 20.00          |                |
| Environmental Assessment   |                                       |                 |                   | 7.00                   | %             |                   | 11.21          |                |
| <b>Manifest:</b>   | SO:1785186                            | <b>Date:</b>    | 07/23/2018        |                        | <b>Plant:</b> | TTR Millington    |                |                |
| <b>Description</b>   |                                       |                 |                   | <b>Quantity</b>        | <b>Unit</b>   | <b>Unit Price</b> | <b>Amount</b>  |                |
| EPA eManifest Data Upload Fee  |                                       |                 |                   | 1.00                   | each          | 6.50              | 6.50           |                |
| <b>SUBTOTAL</b>  |                                       |                 |                   |                        |               |                   | <b>1030.72</b> |                |
| <b>SALES TAX</b>   |                                       |                 |                   |                        |               |                   | <b>0.00</b>    |                |
| <b>TOTAL DUE</b>   |                                       |                 |                   |                        |               |                   | <b>1030.72</b> |                |
| <b>General Remarks</b>   |                                       |                 |                   |                        |               |                   |                |                |
| <b>Remit To:</b>   |                                       |                 |                   |                        |               |                   |                |                |
| Tradebe Environmental Services, LLC  |                                       |                 |                   |                        |               |                   |                |                |
| PO Box 674238  |                                       |                 |                   |                        |               |                   |                |                |
| Dallas, TX 75267-4238  |                                       |                 |                   |                        |               |                   |                |                |
| <b>Payment Terms</b>   | <b>Total Due</b>                      | <b>Due Date</b> | <b>Conditions</b> |                        |               |                   |                |                |
| Due in 30 days   | 1,030.72                              | 08/27/2018      |                   |                        |               |                   |                |                |





U N I V E R S I T Y O F  
**SOUTH CAROLINA**

Posting Date: September 13, 2013

**INTENT TO AWARD**

This is a statement of intent to award a contract and becomes the official statement of award effective 8:00 AM September 24, 2013, unless otherwise suspended or canceled. Vendors are encouraged not to begin work on the contract or incur any costs associated with the contract prior to the effective date of the contract. The University of South Carolina assumes no liability for any expenses incurred by vendors prior to the effective date of the contract.

Bidder's right to protest as listed in section 11-35-4210 in the South Carolina Consolidated Procurement Code applies to this award. Protest to be filed with:

Voight Shealy  
Chief Procurement Officer  
1201 Main Street Suite 600  
Columbia, SC 29201

**Solicitation Number:** USC-RFP-2486-CJ

**Issue Date:** July 29, 2013

**Opening Date:** August 26, 2013

**Description:** Provide Hazardous and Universal Waste Transportation and Disposal for The University of South Carolina System

**Initial Contract Term:** September 24, 2013 through September 23, 2014  
**Maximum Contract Term:** September 24, 2013 through September 23, 2018

**Estimated Potential Value of Contract:** Not to Exceed the University's Certification of \$1,500,000.00 for Supplies and Services Procurements

**Awarded To:** Tradebe Treatment and Recycling LLC  
ATTN: David Holmgren  
1004 Idlewild Blvd.  
Columbia, SC 29201

University of South Carolina  
Cost Proposal

## Tradebe Treatment and Recycling, LLC

Tradebe is pleased to submit the following proposal for the packaging, manifesting, transportation and disposal of hazardous, nonhazardous, and Universal waste materials from the University of South Carolina. Tradebe has routinely provided this type of service to thousands of customers throughout the U.S. Our personnel are highly trained in OSHA, RCRA, and DOT regulations to ensure compliance in managing your waste.

### Explanation of Pricing

Below is pricing for the given USC waste streams followed by additional pricing for other general waste streams and labpacks. These are strictly disposal costs and do not include transportation, labor, or supply costs. The supply costs and transportation costs are separate and listed on the last page. Chemist labor costs are also listed on the last page. In addition, a 5.3% Energy Recovery surcharge will be applied to the total of each invoice.

### Section III - Waste Streams

| Profile # | Description   | PC    | Disposal Technology   | 2015 Price |             |             |           |               |
|-----------|---|-------|-----------------------|------------|-------------|-------------|-----------|---------------|
|           |   |       |                       | CYB        | 55-gal      | 30-gal      | 15-gal    | 5-gal         |
| USC-100   | Formalin Solution   | LP    | Fuels Blending        | N/A        | \$ 45.00    | \$ 40.00    | \$ 35.00  | \$ 15.00      |
| USC-101   | Varnish and Paint Related products                          | LF    | Fuels Blending        | N/A        | \$ 45.00    | \$ 40.00    | \$ 35.00  | \$ 15.00      |
| USC-102   | Non regulated Solid Waste                                   | NE    | Waste to Energy       | \$120.00   | \$ 89.00    | \$ 78.00    | \$ 56.00  | \$ 20.00      |
| USC-102A  | Non regulated Solid Waste                                   | NS    | Landfill              | \$105.00   | \$ 47.00    | \$ 40.00    | \$ 35.00  | \$ 13.00      |
| USC-103   | Silver Nitrate  | XM*   | Stabilization         | N/A        | \$ 182.00   | \$ 144.00   | \$ 110.00 | \$ 83.00      |
| USC-104   | Non-PCB Oil   | RO    | Recycling             | N/A        | \$ 47.00    | \$ 40.00    | \$ 35.00  | \$ 13.00      |
| USC-105   | Potassium Permanganate                                      | XM*   | Stabilization         | N/A        | \$ 182.00   | \$ 144.00   | \$ 110.00 | \$ 83.00      |
| USC-106   | PCB contaminated Oil <50ppm (NON TSCA)                      | LP    | Fuels Blending        | N/A        | \$ 45.00    | \$ 40.00    | \$ 35.00  | \$ 15.00      |
| USC-107   | PCB contaminated Oil >50ppm <10,000ppm                      | LP    | Recycling             | N/A        | \$ 844.68   | \$ 750.00   | \$ 550.00 | \$ 490.00     |
| USC-108   | Corrosive material/bulk                                     | LM    | Stabilization         | N/A        | \$ 83.00    | \$ 66.00    | \$ 56.00  | \$ 44.00      |
| USC-109   | Hydroxides  | LM    | Stabilization         | N/A        | \$ 83.00    | \$ 66.00    | \$ 56.00  | \$ 44.00      |
| USC-109A  | Hydroxides - WWT  | LA/EO | Waste Water Treatment | N/A        | \$ 182.00   | \$ 144.00   | \$ 110.00 | \$ 83.00      |
| USC-110   | Waste Solvent   | RH    | Recycling             | N/A        | \$ 25.00    | \$ 25.00    | \$ 25.00  | \$ 15.00      |
| USC-110A  | Waste Solvent   | LF    | Fuels Blending        | N/A        | \$ 40.00    | \$ 35.00    | \$ 30.00  | \$ 12.00      |
| USC-111   | Sodium Nitrate  | XM*   | Stabilization         | N/A        | \$ 182.00   | \$ 144.00   | \$ 110.00 | \$ 83.00      |
| USC-112   | Non-Regulated, non-infectious sharps and debris             | LP    | Incineration          | N/A        | N/A         | N/A         | N/A       | 170 (1.70/lb) |
| USC-113   | Solvent Bags  | RS    | SMS Recycling         | \$210.00   | \$ 94.00    | \$ 71.00    | \$ 60.00  | \$ 36.00      |
| USC-114   | Photo Fixer   | LM    | Stabilization         | N/A        | \$ 79.00    | \$ 66.00    | \$ 56.00  | \$ 44.00      |
| USC-115   | Acid in bulk containers                                     | LM    | Stabilization         | N/A        | \$ 79.00    | \$ 66.00    | \$ 56.00  | \$ 44.00      |
| USC-115A  | Acid in bulk containers WWT, <38% mineral acid no HF or nit | LA/EO | Waste Water Treatment | N/A        | \$ 198.00   | \$ 144.00   | \$ 110.00 | \$ 83.00      |
| USC-116   | Hydrochloric/Muratic Acid in bulk containers                | LM    | Stabilization         | N/A        | \$ 83.00    | \$ 66.00    | \$ 56.00  | \$ 44.00      |
| USC-116A  | Hydrochloric/Muratic Acid in bulk containers -WWT           | LA/EO | Waste Water Treatment | N/A        | \$ 198.00   | \$ 144.00   | \$ 110.00 | \$ 83.00      |
| USC-117   | Broken Mercury containing lamps                             | FT    | Stabilization         | N/A        | \$ 237.00   | \$ 204.00   | \$ 171.00 | \$ 122.00     |
| USC-117A  | Broken Mercury containing lamps                             | FR2   | Recycling             | \$ 325.00  | \$ 441.00   | \$ 358.00   | \$ 276.00 |               |
| USC-118   | Latex Paint   | LE    | Waste to Energy       | N/A        | \$ 89.00    | \$ 78.00    | \$ 56.00  | \$ 17.00      |
| USC-118A  | Latex Paint   | LS    | Landfill              | N/A        | \$ 47.00    | \$ 40.00    | \$ 35.00  | \$ 13.00      |
| USC-119   | Oil Based Paint   | LF    | Fuels Blending        | N/A        | \$ 45.00    | \$ 40.00    | \$ 35.00  | \$ 15.00      |
| USC-120   | Diesel Fuel   | LF    | Fuels Blending        | N/A        | \$ 45.00    | \$ 40.00    | \$ 35.00  | \$ 15.00      |
| USC-121   | Kerosene  | LF    | Fuels Blending        | N/A        | \$ 45.00    | \$ 40.00    | \$ 35.00  | \$ 15.00      |
| USC-122   | Mercury   | NR    | Retort/Recycling      | N/A        | \$ 1,599.00 | \$ 1,268.00 | \$ 840.00 | \$ 289.00     |
| USC-123   | Used Oil  | RO    | Recycling             | N/A        | \$ 51.00    | \$ 40.00    | \$ 35.00  | \$ 15.00      |
| USC-124   | Empty Containers  | WR    | Recycling             | N/A        | \$ 38.00    | \$ 35.00    | \$ 25.00  | \$ 20.00      |
| USC-124A  | Empty Containers  | NSMT  | Landfill              | N/A        | \$ 27.00    | \$ 20.00    | \$ 20.00  | \$ 13.00      |
| USC-125A  | Hydroquinone  | TF    | Fuels Blending        | N/A        | \$ 127.00   | \$ 92.00    | \$ 75.00  | \$ 35.00      |
| USC-125   | Hydroquinone -No RPA Codes                                  | LE    | Waste to Energy       | N/A        | \$ 89.00    | \$ 78.00    | \$ 56.00  | \$ 17.00      |
| USC-126   | Acetonitrile/Trifluoroacetic Acid                           | VA    | Fuels Blending        | N/A        | \$ 122.00   | \$ 88.00    | \$ 71.00  | \$ 39.00      |
| USC-127   | Ethidium Bromide  | NE    | Waste to Energy       | \$120.00   | \$ 89.00    | \$ 78.00    | \$ 56.00  | \$ 17.00      |
| USC-127A  | Ethidium Bromide  | NS    | Landfill              | \$105.00   | \$ 47.00    | \$ 40.00    | \$ 35.00  | \$ 13.00      |
| USC-128   | Ethidium Bromide contaminated gels                          | NE    | Waste to Energy       | \$120.00   | \$ 89.00    | \$ 78.00    | \$ 56.00  | \$ 17.00      |
| USC-128A  | Ethidium Bromide contaminated gels                          | NS    | Landfill              | \$105.00   | \$ 47.00    | \$ 40.00    | \$ 35.00  | \$ 13.00      |
| USC-129   | Ethylene Glycol   | RANT  | Recycling             | N/A        | \$ 42.00    | \$ 39.00    | \$ 34.00  | \$ 27.00      |
| USC-130   | Nitrocellulose gels in water                                | LP7   | Incineration          | N/A        | N/A         | N/A         | N/A       | 275 (5.31/lb) |
| USC-131B  | Spill cleanup materials                                     | RS    | SMS Recycling         | \$221.00   | \$ 84.00    | \$ 71.00    | \$ 60.00  | \$ 36.00      |
| USC-131   | Spill cleanup materials                                     | NI    | Recycling             | \$120.00   | \$ 89.00    | \$ 78.00    | \$ 56.00  | \$ 17.00      |
| USC-131A  | Spill cleanup materials                                     | NS    | Landfill              | \$105.00   | \$ 47.00    | \$ 40.00    | \$ 35.00  | \$ 13.00      |
| USC-132   | Aerated Cans  | AIN*  | Incineration          | N/A        | \$ 268.00   | \$ 247.00   | \$ 215.00 | \$ 173.00     |
| USC-133   | Empty Drums   | WR    | Recycling             | N/A        | \$ 35.00    | \$ 35.00    | \$ 25.00  | \$ 20.00      |
| USC-133A  | Empty Drums   | NSMT  | Landfill              | N/A        | \$ 25.00    | \$ 20.00    | \$ 20.00  | \$ 13.00      |
| USC-134   | Solid paint waste containing lead                           | NM    | Stabilization         | N/A        | \$ 79.00    | \$ 63.00    | \$ 45.00  | \$ 42.00      |
| USC-135   | Leaking Batteries   | BR1   | Stabilization         | N/A        | \$ 79.00    | \$ 63.00    | \$ 45.00  | \$ 42.00      |
| USC-136   | Mercury Spill cleanup debris                                | NR1   | Recycling             | N/A        | \$ 1,599.00 | \$ 1,268.00 | \$ 840.00 | \$ 289.00     |
| USC-137   | Non-RCRA loose pack medicines                               | NE    | Recycling             | \$120.00   | \$ 84.00    | \$ 78.00    | \$ 56.00  | \$ 17.00      |
| USC-137A  | Non-RCRA loose pack medicines                               | NS    | Landfill              | \$105.00   | \$ 47.00    | \$ 40.00    | \$ 35.00  | \$ 13.00      |
| USC-138   | Consolidated non-regulated solids                           | NE    | Recycling             | \$120.00   | \$ 89.00    | \$ 78.00    | \$ 56.00  | \$ 20.00      |
| USC-138A  | Consolidated non-regulated solids                           | NS    | Landfill              | \$105.00   | \$ 47.00    | \$ 40.00    | \$ 35.00  | \$ 13.00      |
| USC-139   | Non Hazardous, Non NRC regulated scintillation vials        | ZV7   | Recycling             | \$357.00   | \$ 176.00   | \$ 138.00   | \$ 110.00 | \$ 56.00      |
| USC-139A  | Non Hazardous, Non NRC regulated scintillation vials        | ZV6   | Landfill              | \$252.00   | \$ 154.00   | \$ 127.00   | \$ 100.00 | \$ 44.00      |
| USC-140   | Dioxin  | LP    | Incineration          | N/A        | N/A         | N/A         | N/A       | \$ 500.00     |

\*Pending the University's acceptance and approval, this process code (XM) denotes the waste will be treated and landfilled in Canada.

| SUBSECTION I   |   | 55-gal  | 30-gal      | 15-gal    | 5-gal     |
|--|---|---|-------------|-----------|-----------|
| LAB PACKS FOR DEPACK   |   |   |             |           |           |
| PC   | FLAMMABLE LIQUIDS   |   |             |           |           |
| ZF   | LIQUID FUELS<br>(Ethanol, Methanol, Ethers, Aliphatic & Aromatic Hydrocarbons)  | \$ 138.00   | \$ 110.00   | \$ 78.00  | \$ 39.00  |
| RZF  | LIQUID FUELS<br>(Ethanol, Methanol, Ethers, Aliphatic & Aromatic Hydrocarbons For Reclaim, Original Labels, Never Before Opened)                              | \$ 89.00  | \$ 68.00    | \$ 53.00  | \$ 26.00  |
| FLAMMABLE SOLIDS<br>(Sodium and Potassium Metal, Activated Charcoal, Phosphorus Red)   |   |   |             |           |           |
| ZP3  | ALKALI WATER REACTIVES<br><br>(5-gal only and less than 1lb charges/5-gal *If greater than 1lb charges price is case by case)                                 | N/A   | N/A         | N/A       | \$ 250.00 |
| OXIDIZERS<br>(Potassium Dichromate, Sodium Hypochlorite, OXIDIZERS FOR STABILIZATION/LANDFILL, NO AMMONIA, CHLORATES, OR CHLORITES |   |   |             |           |           |
| ZX (1)   |   | \$ 450.00   | \$ 260.00   | \$ 147.00 | \$ 85.00  |
| ZX (3)   | OXIDIZERS FOR STABILIZATION/LANDFILL CONTAINING CHLORATES OR CHLORITES  | Case by Case  |             |           |           |
| CORROSIVES   |   |   |             |           |           |
| ZA   | INORGANIC ACIDS   | \$ 182.00   | \$ 142.00   | \$ 108.00 | \$ 57.00  |
| ZF   | ORGANIC ACIDS   | \$ 138.00   | \$ 110.00   | \$ 78.00  | \$ 39.00  |
| ZP   | Packing Group 1 Toxics and non D003 4.1   | \$ 567.00   | \$ 475.00   | \$ 370.00 | \$ 197.00 |
| ZC   | INORGANIC CAUSTICS  | \$ 171.00   | \$ 131.00   | \$ 103.00 | \$ 50.00  |
| ZS   | Non hazardous materials for landfill  | \$ 122.00   | \$ 100.00   | \$ 78.00  | \$ 39.00  |
| ZE   | Non hazardous material for Waste to Energy  | \$ 154.00   | \$ 122.00   | \$ 100.00 | \$ 49.00  |
| ZT   | Treatment stabilization and landfill D004-D008, D010, D011  | \$ 166.00   | \$ 127.00   | \$ 100.00 | \$ 49.00  |
| ZN   | NON REACTIVE FLAMMABLE SOLIDS FOR INCINERATION  | \$ 243.00   | \$ 166.00   | \$ 105.00 | \$ 56.00  |
| ZL   | Organic peroxides<br>SULFIDES & CYANIDES<br>(SODIUM SULFIDE, SODIUM CYANIDE, ORGANIC SULFIDES)<br>CYANIDES  | Case by Case  |             |           |           |
| ZH   |   | \$ 460.00   | \$ 260.00   | \$ 147.00 | \$ 85.00  |
| ZP2  | BASIC REACTIVES   | \$ 998.00   | \$ 613.00   | \$ 428.00 | \$ 197.00 |
| POISONS<br>(PHENOLS, THALLIUM SALTS, ARSENIC COMPOUNDS, BIPHENYL)<br>THERMAL TREATMENT LIQUIDS/SLUDGE/SOLIDS                       |   |   |             |           |           |
| ZI   |   | \$ 436.00   | \$ 243.00   | \$ 138.00 | \$ 78.00  |
| ZP1  | POISONOUS INHALATIONS (5-gal containers and smaller)  | N/A   | N/A         | \$ 428.00 | \$ 203.00 |
| MERCURY & MERCURY CONTAINING COMPOUNDS<br>(BROKEN THERMOMETERS, MANOMETERS, MERCURY SALTS, MERCURY SPILL CLEAN-UP RESIDUES)        |   |   |             |           |           |
| ZR1  | MERCURY, MERCURY COMPOUNDS, AND AND DEBRIS FOR RETORT D004-D011; OTHER CODES CASE-BY-CASE   | \$ 1,599.00   | \$ 1,268.00 | \$ 882.00 | \$ 303.00 |
| ZJ   | MERCURY COMPOUNDS FOR STABILIZATION AND LANDFILL<br>(MERCURIC NITRATE, MERCURIC CHLORIDE - NO ORGANICS, NO ELEMENTAL MERCURY)<br>APPROVAL FOR CANADA REQUIRED | \$ 805.00   | \$ 647.00   | \$ 517.00 | \$ 260.00 |
| EXPLOSIVES<br>(PICRIC ACID, POLY-NITRO AROMATIC COMPOUNDS)   |   |   |             |           |           |
| ON-SITE REACTIVES STABILIZATION<br>INCLUDING REMOTE OPENING 4L or smaller containers   |   | \$1,500.00 per mobilization   |             |           |           |
| CLASS 1 EXPLOSIVES CASE BY CASE  |   |   |             |           |           |
| PCB CONTAMINATED PRODUCTS<br>(DIVERSIFIED # OF PRODUCTS CONTAINING POLYCHLORINATED ORGANOMERCURIC COMPOUNDS)                       |   |   |             |           |           |
| Transformers <50 PPM PCBs Non TSCA<br>Transformers >50 PPM PCBs TSCA   |   | \$ 0.60 per lb with a \$450 minimum<br>Case by Case   |             |           |           |
| OTHER ITEMS LISTED IN SECTION I  |   |   |             |           |           |
| AEROSOLS   |   |   |             |           |           |
| AIRC   | AEROSOLS FOR INCINERATION<br>AEROSOL CANS CONTAINING CFC'S, FOAM, TEXTURED PAINTS, OR BUTANE LIGHTERS   | \$1.32 per pound container minimums below<br>\$ 268.00 \$ 247.00 \$ 215.00 \$ 173.00<br>\$473.00 minimum per CYB/Pallet |             |           |           |

CYLINDERS

|      |   |                      |                       |                       |                     |
|------|---|----------------------|-----------------------|-----------------------|---------------------|
| CZHH | 1. Propane - Hand Held  |                      | \$10.00/Cylinder      |                       | 2                   |
| CZB  | 2. Propane - Gas Grill  |                      | \$35.00/Cylinder      |                       |                     |
|      |   | Large<br>(16" X 54") | Medium<br>(10" X 36") | Lecture<br>(3" X 13") | Small<br>(4" X 24") |
| CZ1  | 3. Inert/Atmospheric Gases, such as:<br>Argon, Helium, Neon, Oxygen, Nitrogen               | \$75.00              | \$70.00               | \$ 50.00              | \$ 50.00            |
| CZ2  | 4. Organics/Flammables, such as:<br>Acetylene, Butane, Methane, Hydrogen, Propylene, Freons | \$595.00             | \$385.00              | \$ 125.00             | \$ 175.00           |
| CZ8  | 5. Corrosives such as:<br>Hydrogen Chloride, Hydrogen Bromide, Ammonia                      | \$950.00             | \$650.00              | \$ 125.00             | \$ 175.00           |
| CZ5  | 6. Pesticides/Poisons, such as:<br>Lethalins, Pyrethrins                                    | \$550.00             | \$550.00              | \$ 250.00             | \$ 350.00           |
|      | 7. Oxidizers, such as:<br>Fluorine, Nitric Oxide, Nitrogen Dioxide                          | CBC                  | CBC                   | \$ 325.00             | \$ 500.00           |
| CZ3  | 8. Toxic, 2.3 Poisons, such as:<br>Ethylene Oxide, Hydrogen Sulfide                         | CBC                  | CBC                   | \$ 325.00             | \$ 500.00           |

Note: Case by Case pricing can be provided for larger size or non-listed cylinder types.

OTHER REGULATED & NON-REGULATED MATERIALS  
(USED AND UNUSED PHOTOGRAPHIC DEVELOPERS,  
FIXERS, TONERS) - PRICING DEPENDENT UPON PROFILE

|        |  |  |   |          |          |          |
|--------|--|--|---|----------|----------|----------|
| LM     | LIQUIDS FOR STABILIZATION AND LANDFILL<br>(D004-11; D002 ACIDS OR CAUSTICS NO HEX CHROME) ACID <= 30%<br>NITRIC <= 10%, < 500 PPM VOC; MERCURY < 260 PPM   |  | \$ 83.00  | \$ 66.00 | \$ 56.00 | \$ 44.00 |
| NM     | SOLIDS FOR STABILIZATION AND LANDFILL<br>< 500 PPM VOC; MERCURY < 260 PPM<br>(D004-11; D002 ACIDS OR CAUSTICS NO HEX CHROME) ACID <= 30%   |  | \$ 83.00  | \$ 66.00 | \$ 56.00 | \$ 44.00 |
| RR     | R.C.R.A. HALOGENATED ORGANIC SOLIDS FOR RECYCLING (NF)<br>> 3000 BTUS<br>TYPICALLY 100% SOLIDS CONTENT<br>UP TO 40% CHLORINE CONTENT<br>NO PCB'S, NO OXIDIZERS<br>DEBRIS OK<br>FREE LIQUID CONTENT < 10% |  | \$0.58 per pound container minimums below<br>PH 4-10 \$ 118.00 \$ 94.00 \$ 76.00 \$ 42.00<br>263 minimum per CYB/Pallet, Rolloff 10 ton minimums<br>NO REACTIVE CYANIDES<br>NO REACTIVE SULFIDES<br>NO REACTIVE METAL POWDERS<br>NO ISOCYANATES |          |          |          |
|        | BATTERIES - Universal Waste and Heavy Metals   |  | Minimums: \$56/5G, \$38/30G, \$34/15G, \$27/5G  |          |          |          |
| BR (1) | LEAD ACID  |  | \$0.75 per pound  |          |          |          |
| BR (2) | NICKEL CADMIUM   |  | \$1.25 per pound  |          |          |          |
| BR (3) | MAGNESIUM  |  | \$2.42 per pound  |          |          |          |
| BR (4) | LITHIUM  |  | \$4.32 per pound  |          |          |          |
| BR (5) | ALKALINE   |  | \$2.00 per pound  |          |          |          |
| BR (6) | MERCURY  |  | \$3.42 per pound  |          |          |          |
|        | TRANSFORMERS and CAPACITORS (SEE BID DESCRIPTION)<br>(Pricing bases on items packed in a container. Larger<br>Transformers will be to be prices "case by case"   |  | \$ 0.60 per lb with a \$450 minimum<br>CASE BY CASE<br>\$ 0.60 per lb with a \$350 minimum<br>CASE BY CASE  |          |          |          |
|        | Transformers < 50 ppm - Non-TSCA<br>Transformers > 50 ppm<br>Capacitors < 50 ppm Non-TSCA<br>Capacitors > 50 ppm   |  |   |          |          |          |
| NM     | PROCESSED X-RAY FILMS  |  | \$ 83.00  | \$ 66.00 | \$ 56.00 | \$ 44.00 |

CONTROLLED DEA SUBSTANCES  
DEA Scheduled Drugs (II, III, IV, and V)  
Mailback program - \$250 / package  
DEA Scheduled Drugs (I) - case by case

|   |  |  |
|---|--|--|
| <b>UNIVERSAL WASTE</b><br>(Lamps - Bulbs) |  |  |
| FR (1)                                    | WHOLE LIGHT BULBS FOR MERCURY RETORT                       | \$0.89 per pound \$19.00 minimum per container<br>\$36 minimum per cubic yard box    |
| FR (3)                                    | HIGH INTENSITY DISCHARGE LIGHT BULBS<br>FOR MERCURY RETORT | \$2.21 per pound \$19 minimum per container<br>\$83 minimum per Cubic Yard Box       |
| <b>BALLASTS</b>                           |  |  |
| BSTR                                      | NON-PCB BALLASTS AND NON-PCB CAPACITORS FOR RECYCLE        | \$0.49 per pound container minimums below<br>\$ 265.00 \$ 210.00 \$ 166.00 \$ 110.00 |
| ZV5                                       | PESTICIDES   | \$0.83 per pound container minimums below<br>\$ 350.00 \$ 243.00 \$ 138.00 \$ 78.00  |
| <b>SUPPLIES:</b>                          |  |  |
|   | Haz CYB  | \$125  |
|   | Non-Haz CYB  | \$125  |
|   | 95-gal poly  | \$150  |
|   | 85-gal meta  | \$130  |
|   | 55-gal DM  | \$35   |
|   | 55-gal DF  | \$60   |
|   | 30-gal   | \$35   |
|   | 15-gal   | \$30   |
|   | 5-gal  | \$15   |
|   | 5-gal DM x-rated   | \$20   |
|   | PH Box   | \$30   |
|   | Vermiculite  | \$25   |
| <b>LABOR:</b>                             |  | \$45.00/hr/chemist   |
| <b>SURCHARGES:</b>                        |  | 9.3% of total invoice  |
| <b>FULL TRUCK LOAD RATE</b>               |  | \$2,495  |
| <b>TRANSPORTATION/OBLIGATION:</b>         |  | \$20.00/55G, \$20.00/30G, \$15.00/15G, \$10.00/5G.                                   |

*Charles C. Johnson, III.*

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**Charles C. Johnson, III**  
**Procurement Manager**



Tradebe Environmental Services, LLC  
 1433 E 83rd Ave, Suite 200  
 Merrillville, IN 46410  
 www.tradebeusa.com

### CERTIFICATE OF WASTE MANAGEMENT

To whom this may concern

This certificate is to verify that the waste described below, is handled in accordance with local, state, and federal regulations.

Name: UNIVERSITY OF SOUTH CAROLINA

Address: "306 BENSON SCHOOL; EHS PROGRAM" COLUMBIA , SC 29208

Sales Order:

| Facility   |
|--|
| TTR Millington<br>5485 Victory Lane<br>Millington , TN 38053<br>EPA ID: TND000772186 |

| Profile | Manifest / Page / Line | Quantity | Hcode |
|---------|------------------------|----------|-------|
| ZI      | 018647037JJK 00001/001 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00001/002 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00001/003 | 1.000 DF | H141  |
| ZP      | 018647037JJK 00001/004 | 1.000 DF | H141  |
| ZIH     | 018647037JJK 00002/005 | 1.000 DF | NA    |
| ZA      | 018647037JJK 00002/006 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00002/007 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00002/008 | 1.000 DF | H141  |
| ZX1     | 018647037JJK 00002/009 | 1.000 DF | H141  |
| ZH      | 018647037JJK 00002/010 | 1.000 DF | H141  |

On behalf of its subsidiary: Tradebe Treatment and Recycling, LLC

**RESPONSIBLE SM  
 RECYCLING**  
 A commitment to our generators  
 our employees and our  
 community.



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| Profile | Manifest / Page / Line | Quantity | Hcode |
|---------|------------------------|----------|-------|
| ZL      | 018647037JJK 00002/011 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00002/012 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00002/013 | 1.000    | H141  |
| ZX1     | 018647037JJK 00002/014 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00003/015 | 1.000 DF | H141  |
| ZIH     | 018647037JJK 00003/016 | 1.000 DF | NA    |
| ZI      | 018647037JJK 00003/017 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00003/018 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00003/019 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00003/020 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00003/021 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00003/022 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00003/023 | 1.000 DF | H141  |
| ZP      | 018647037JJK 00003/024 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00004/025 | 1.000 DF | H141  |
| ZX1     | 018647037JJK 00004/026 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00004/027 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00004/028 | 1.000 DF | H141  |

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| Profile | Manifest / Page / Line | Quantity | Hcode |
|---------|------------------------|----------|-------|
| ZP2     | 018647037JJK 00004/029 | 1.000 DF | H141  |
| ZI      | 018647037JJK 00004/030 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00004/031 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00004/032 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00004/033 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00004/034 | 1.000 DF | H141  |
| ZP1     | 018647037JJK 00005/035 | 1.000 CF | H141  |
| ZP2     | 018647037JJK 00005/036 | 1.000 DF | H141  |
| ZH      | 018647037JJK 00005/037 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00005/038 | 1.000 DF | H141  |
| ZX3     | 018647037JJK 00005/039 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00005/040 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00005/041 | 1.000 DF | H141  |
| ZP2     | 018647037JJK 00005/042 | 1.000 DF | H141  |
| USC-143 | 018647037JJK 00005/043 | 1.000 DF | WTE   |

  
Robert O'Brien  
Executive Vice President of Operations  
TRADEBE TREATMENT & RECYCLING OF TN

Date:07/25/2018

On behalf of its subsidiary:Tradebe Treatment and Recycling, LLC

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A commitment to our generators  
our employees and our  
community.