AGENDA

I. Manhattan Project National Historical Park briefing by Niki Nicholas, Superintendent, Big South Fork National River & Recreation Area.

II. MS4 storm water briefing by John Chlarson, Public Works Consultant, MTAS, and policy discussion by City Council.

III. Discussion of Waste Connections contract extension resolution, and information regarding the proposed resolution.

IV. Energy Communities Alliance 2016 activities and updates presented by Councilmember Hope.

V. Updates:
   a. Resolution to reimburse for proposed Oak Ridge Preschool building, preliminary studies
   b. Concept designs on 8th rowing lane
   c. Extreme Energy Makeover grant update
   d. February follow-up on City Council Advance
   e. City Council Budget and Finance Committee updates
   f. First quarter special meeting scheduling
DATE: January 15, 2016

TO: Honorable Mayor and Members of City Council

FROM: Mark S. Watson, City Manager

SUBJECT: COUNCIL WORK SESSION AND WASTE CONNECTIONS OF TENNESSEE, INC. (FORMERLY BROWNING FERRIS INDUSTRIES) INFORMATION

At the City Council meeting last Monday, more information was requested about the City’s waste collection services. In 1996 the Council approved a contract between the City and Browning Ferris Industries, currently Waste Connections of Tennessee, Inc. The contract has been scanned and will be forwarded under separate email.

Attached is historical information associated with our last bid on March 26, 1995 between Browning Ferris Industries (BFI) and Waste Management (WM). You will note a significant difference in price back in 1996, let alone what we would face today or five years from now. Please note the difference in the once-a-week, curb recycle/backdoor refuse collection at $8.45 per unit/per month for BFI and $19.39 per unit/per month for WM. These original quotes have risen through the term of the contract as authorized over the years.

Also, staff has assembled the tonnage of leaves and brush diverted from the landfill back to 2008. This is historical information reported by the City on a quarterly basis.

Attachments

NOTE: It is important for the Council to provide any additional questions you may have so that we can assure you of the potential cost savings to taxpayers by approving a waiver of competitive bids for the refuse services.
**Contract Number:** COR 96-01  
**Opening Date:** March 25, 1996 11 A.M.

### Abstract of Bids

**FOR:** Refuse Collection and Disposal Service/Citywide Recycling Program  
**By:** Materials Management Office

<table>
<thead>
<tr>
<th>Description</th>
<th>Item</th>
<th>Units</th>
<th>Item $</th>
<th>Unit $</th>
<th>BFI</th>
<th>WM</th>
<th>Total BFI</th>
<th>Total WM</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>The furnishing of all labor, tools, materials, supplies and equipment necessary for the collection and disposal of refuse for the City of Oak Ridge.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Section A:</strong> Refuse Collection and Container Rental at City Owned Facilities</td>
<td>1</td>
<td>VARIOUS LOCATIONS</td>
<td>$1,825.50</td>
<td>$2,246.00</td>
<td>$21,905.00</td>
<td>$28,952.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Section B:</strong> Convenience Center</td>
<td>2</td>
<td>1</td>
<td>$20,000.00</td>
<td>$8,611.40</td>
<td>$240,000.00</td>
<td>$79,336.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Section C:</strong> Household Refuse Collection and Recycling - Once a Week Backdoor Refuse and Curb Recycling</td>
<td>3</td>
<td>11,645</td>
<td>$8.45</td>
<td>$18.39</td>
<td>$1,180,803.00</td>
<td>$2,709,556.60</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Leaf Collection</td>
<td>4</td>
<td>11,645</td>
<td>$8.87</td>
<td>NO BID</td>
<td>$80,001.15</td>
<td>NO BID</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Household Trash Collection</td>
<td>5</td>
<td>11,645</td>
<td>$0.77</td>
<td>NO BID</td>
<td>$8,986.65</td>
<td>NO BID</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Brush Collection</td>
<td>6</td>
<td>11,645</td>
<td>$1.76</td>
<td>NO BID</td>
<td>$20,495.20</td>
<td>NO BID</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Negotiated Change in Scope of Contract:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deduct: Conveniece Center</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td>($240,000.00)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Household Trash Collection</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td>($8,986.65)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual Brush Collection</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td>($20,495.20)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Add: Weekly Curbside Household Trash and Brush Collection</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td>$204,000.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| **Total Annual Price** | $1,449,710.15 | $2,815,847.40 |
| Terms                     | NET 30 DAYS   | NET 30 DAYS   |
| Delivery                  | AS REQUIRED   | AS REQUIRED   |
| F.O.B.                    | N/A           | N/A           |
| VIA                       | CONTRACTOR    | CONTRACTOR    |

**Reason for Award:**  
- [X] Only Available Source  
- [ ] Low Price  
- [ ] Better or Required Design  
- [ ] Early Delivery  
- [ ] Lowest Total Cost  

**Recommend Award be Made To:**  
Browning Ferris Industries  
OF TENNESSEE, INC.  
2400 CHIMAN ROAD  
KNOXVILLE, TN 37901  

**Signed:**  
Anita Dunn  
Materials Manager
<table>
<thead>
<tr>
<th>CONTAINER</th>
<th>ANNUAL PULLS</th>
<th>BFI (DOLLARS)</th>
<th>WM (DOLLARS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 CU YD DUMPSTER</td>
<td>264</td>
<td>$5,280.00</td>
<td>$4,752.00</td>
</tr>
<tr>
<td>Grey Strang Field</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 CU YD DUMPSTER</td>
<td>156</td>
<td>$2,574.00</td>
<td>$2,652.00</td>
</tr>
<tr>
<td>Civic Center</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Municipal Building</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 CU YD DUMPSTER</td>
<td>264</td>
<td>$3,168.00</td>
<td>$3,960.00</td>
</tr>
<tr>
<td>WWTP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scarboro Center</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Center</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pool</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-5 CANS</td>
<td>900</td>
<td>$1,224.00</td>
<td>$7,164.00</td>
</tr>
<tr>
<td>Fire Station #1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire Station #2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire Station #3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jackson Square</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grove Center</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Broadway Building</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ambulance Building</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 CU YD ROLL-OFF</td>
<td>12</td>
<td>$1,620.00</td>
<td>$1,440.00</td>
</tr>
<tr>
<td>MONTHLY RENTAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WWTP</td>
<td>12</td>
<td>$3,000.00</td>
<td>$2,160.00</td>
</tr>
<tr>
<td>20 CU YD ROLL-OFF</td>
<td>12</td>
<td>$1,620.00</td>
<td>$1,440.00</td>
</tr>
<tr>
<td>MONTHLY RENTAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(For Pricing Only)</td>
<td>12</td>
<td>$900.00</td>
<td>$960.00</td>
</tr>
<tr>
<td>30 CU YD ROLL-OFF</td>
<td>12</td>
<td>$1,620.00</td>
<td>$1,440.00</td>
</tr>
<tr>
<td>MONTHLY RENTAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSC</td>
<td>12</td>
<td>$900.00</td>
<td>$984.00</td>
</tr>
</tbody>
</table>

**TOTAL** | **$21,906.00** | **$26,952.00** |
The City will be bidding various service levels and alternatives for solid waste collection and disposal and recycling programs. The individual bids for the large size containers described in Section A below shall stand on their own merit as the City may select to contract for some, all, or none of the container sizes included therein.

**SECTION A**

<table>
<thead>
<tr>
<th>Container</th>
<th>Estimated Locations</th>
<th>Estimated Services/Mo</th>
<th>Base Unit Price Per Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Cu. Yd Dumpster</td>
<td>2</td>
<td>22</td>
<td>$18.00</td>
</tr>
<tr>
<td>6 Cu. Yd Dumpster</td>
<td>2</td>
<td>13</td>
<td>$17.00</td>
</tr>
<tr>
<td>4 Cu. Yd Dumpster</td>
<td>5</td>
<td>22</td>
<td>$15.00</td>
</tr>
<tr>
<td>1 - 5 cans</td>
<td>17</td>
<td>75</td>
<td>$7.96*</td>
</tr>
<tr>
<td>20 Cu. Yd Roll-off</td>
<td>1</td>
<td>1</td>
<td>$120.00</td>
</tr>
<tr>
<td>*Monthly Rental</td>
<td></td>
<td></td>
<td>$180.00 /Month</td>
</tr>
<tr>
<td>20 Cu. Yd Roll-off</td>
<td>1</td>
<td>1</td>
<td>$120.00</td>
</tr>
<tr>
<td>*Monthly Rental</td>
<td></td>
<td></td>
<td>$80.00 /Month</td>
</tr>
<tr>
<td>30 Cu. Yd Roll-off</td>
<td>1</td>
<td>1</td>
<td>$120.00</td>
</tr>
<tr>
<td>*Monthly Rental</td>
<td></td>
<td></td>
<td>$82.00 /Month</td>
</tr>
</tbody>
</table>

* A 20 yd roll-off is to be furnished to the City Wastewater Treatment Plant for collection of grit and wet screenings. This container must be constructed to be drip-proof. Disposal fees for this container will be the responsibility of the City. All other containers shall be bid to include disposal costs in the per service price.

** Bid Contingent upon receipt of Oak Ridge Residential Contract
CONTRACT BID FORM (Continued)

SECTION B

Convenience Center

Convenience Center
(Reduce operating hours to Monday, Wednesday, Friday, Saturday 8am-5pm)

SECTION C

Residential Service/Recycle/Special Options

Estimated Locations: 11,645 (10,555 Anderson County and 1,095 Roane County)

Note: The City intends to select either item a or b. The bids for items c, d, and e shall stand on their own merit as the City may elect to contract for some, all or none of these services.

a. Once-a-week curb recycle, once-a-week backdoor refuse collections, all recycling revenues to Contractor

b. Curb, once-a-week recycle and once-a-week refuse collection (2 total), all recycling revenues to Contractor

c. Conduct annual Leaf Collection Program

d. Conduct annual Household Trash Program

e. Conduct annual Brush Collection Program

Base Unit Price
Per Month

$20,000.00

$19,000.00

$_____ 6.45
per unit/month

$_____ 6.41
per unit/month

$_____ 6.87
per unit/year

$_____.77
per unit/year

$_____ 1.76
per unit/year
The City will be bidding various service levels and alternatives for solid waste collection and disposal and recycling programs. The individual bids for the large size containers described in Section A below shall stand on their own merit as the City may select to contract for some, all, or none of the container sizes included therein.

### SECTION A

<table>
<thead>
<tr>
<th>Container</th>
<th>Estimated Locations</th>
<th>Estimated Services/Mo</th>
<th>Base Unit Price Per Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Cu. Yd Dumpster</td>
<td>2</td>
<td>22</td>
<td>$20.00</td>
</tr>
<tr>
<td>6 Cu. Yd Dumpster</td>
<td>2</td>
<td>13</td>
<td>$16.50</td>
</tr>
<tr>
<td>4 Cu. Yd Dumpster</td>
<td>5</td>
<td>22</td>
<td>$12.00</td>
</tr>
<tr>
<td>1 - 5 cans</td>
<td>17</td>
<td>75</td>
<td>$1.35</td>
</tr>
<tr>
<td>20 Cu. Yd Roll-off</td>
<td>1</td>
<td>1</td>
<td>$135.00</td>
</tr>
<tr>
<td>Monthly Rental</td>
<td></td>
<td></td>
<td>$250.00/Month</td>
</tr>
<tr>
<td>20 Cu. Yd Roll-off</td>
<td>1</td>
<td>1</td>
<td>$135.00</td>
</tr>
<tr>
<td>Monthly Rental</td>
<td></td>
<td></td>
<td>$75.00/Month</td>
</tr>
<tr>
<td>30 Cu. Yd Roll-off</td>
<td>1</td>
<td>1</td>
<td>$135.00</td>
</tr>
<tr>
<td>Monthly Rental</td>
<td></td>
<td></td>
<td>$75.00/Month</td>
</tr>
</tbody>
</table>

* A 20 yd roll-off is to be furnished to the City Wastewater Treatment Plant for collection of grit and wet screenings. This container must be constructed to be drip-proof. Disposal fees for this container will be the responsibility of the City. All other containers shall be bid to include disposal costs in the per service price.
CONTRACT BID FORM (Continued)

SECTION B

Convenience Center

Convenience Center
(Reduce operating hours
to Monday, Wednesday,
Friday, Saturday 8am-5pm)

SECTION C

Residential Service/Recycle/Special Options

Estimated Locations: 11,645 (10,555 Anderson County and 1,095 Roane County)

Note: The City intends to select either item a or b. The bids for items c, d, and e shall stand on
their own merit as the City may elect to contract for some, all or none of these services.

a. Once-a-week curb recycle, once-a-week
   backdoor refuse collections, all recycling
   revenues to Contractor
   $ 19.39
   per unit/month

b. Curb, once-a-week recycle and once-a-week
   refuse collection (2 total), all recycling
   revenues to Contractor
   $ 7.96
   per unit/month

c. Conduct annual Leaf Collection Program
   $ NO BID
   per unit/year

d. Conduct annual Household Trash Program
   $ NO BID
   per unit/year

e. Conduct annual Brush Collection Program
   $ NO BID
   per unit/year

* Convenience Center includes no charge for Used Motor Oil and Lead Acid
  Batteries. Should a charge be incurred over the life of the agreement,
  charges would be passed on to the City of Oak Ridge.
City of Oak Ridge
Tons of Leaves and Brush Diverted from Landfill

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Quarter</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>1</td>
<td>391</td>
</tr>
<tr>
<td>2015</td>
<td>2</td>
<td>380</td>
</tr>
<tr>
<td>2015</td>
<td>3</td>
<td>252</td>
</tr>
<tr>
<td>2015</td>
<td>4</td>
<td>766</td>
</tr>
<tr>
<td>2014</td>
<td>1</td>
<td>427</td>
</tr>
<tr>
<td>2014</td>
<td>2</td>
<td>583</td>
</tr>
<tr>
<td>2014</td>
<td>3</td>
<td>377</td>
</tr>
<tr>
<td>2014</td>
<td>4</td>
<td>677</td>
</tr>
<tr>
<td>2013</td>
<td>1</td>
<td>398</td>
</tr>
<tr>
<td>2013</td>
<td>2</td>
<td>490</td>
</tr>
<tr>
<td>2013</td>
<td>3</td>
<td>312</td>
</tr>
<tr>
<td>2013</td>
<td>4</td>
<td>873</td>
</tr>
<tr>
<td>2012</td>
<td>1</td>
<td>309</td>
</tr>
<tr>
<td>2012</td>
<td>2</td>
<td>418</td>
</tr>
<tr>
<td>2012</td>
<td>3</td>
<td>356</td>
</tr>
<tr>
<td>2012</td>
<td>4</td>
<td>671</td>
</tr>
<tr>
<td>2011</td>
<td>1</td>
<td>405</td>
</tr>
<tr>
<td>2011</td>
<td>2</td>
<td>516</td>
</tr>
<tr>
<td>2011</td>
<td>3</td>
<td>314</td>
</tr>
<tr>
<td>2011</td>
<td>4</td>
<td>912</td>
</tr>
<tr>
<td>2010</td>
<td>1</td>
<td>288</td>
</tr>
<tr>
<td>2010</td>
<td>2</td>
<td>419</td>
</tr>
<tr>
<td>2010</td>
<td>3</td>
<td>335</td>
</tr>
<tr>
<td>2010</td>
<td>4</td>
<td>710</td>
</tr>
<tr>
<td>2009</td>
<td>1</td>
<td>538</td>
</tr>
<tr>
<td>2009</td>
<td>2</td>
<td>416</td>
</tr>
<tr>
<td>2009</td>
<td>3</td>
<td>350</td>
</tr>
<tr>
<td>2009</td>
<td>4</td>
<td>812</td>
</tr>
<tr>
<td>2008</td>
<td>1</td>
<td>443</td>
</tr>
<tr>
<td>2008</td>
<td>2</td>
<td>585</td>
</tr>
<tr>
<td>2008</td>
<td>3</td>
<td>254</td>
</tr>
<tr>
<td>2008</td>
<td>4</td>
<td>880</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>1,789</td>
</tr>
<tr>
<td>2014</td>
<td>2,064</td>
</tr>
<tr>
<td>2013</td>
<td>2,073</td>
</tr>
<tr>
<td>2012</td>
<td>1,754</td>
</tr>
<tr>
<td>2011</td>
<td>2,147</td>
</tr>
<tr>
<td>2010</td>
<td>1,752</td>
</tr>
<tr>
<td>2009</td>
<td>2,116</td>
</tr>
<tr>
<td>2008</td>
<td>2,162</td>
</tr>
</tbody>
</table>
Tons of Brush and Leaves

- 2015: 1,789
- 2014: 2,064
- 2013: 2,073
- 2012: 1,754
- 2011: 2,147
- 2010: 1,752
- 2009: 2,116
- 2008: 2,162