Tires and Processed Tire Materials Storage and Disposal Cost (updated pursuant to RAI \#3)

| Storage <br> Area | Material Stored | Square <br> Feet of <br> Area ${ }^{1}$ | Maximum <br> Storage <br> Height (ft) | Volume (ft ${ }^{3}$ ) | Density of Material ${ }^{3}$ | Theoretical Maximum Tons | Permitted Storage $40 \%$ of Maximum | Permitted Tons | Loading Transportation and Disposal Cost ${ }^{6}$ \$128.99/Ton |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area 1 | TDF | 2,875 | 12 | 34,500 | $25 \mathrm{lbs} / \mathrm{cu} \mathrm{ft}$ | 431.25 | 40\% | 172.5 | \$22,250.78 |
| Area 2 | Tire Chunks | 2,979 | 12 | 35,748 | $20 \mathrm{lbs} / \mathrm{cu} \mathrm{ft}$ | 357.48 | 40\% | 142.99 | \$18,444.28 |
| Area 3A | Tire Chunks | 412.74 | 12 | 4,952.88 | $20 \mathrm{lbs} / \mathrm{cu} \mathrm{ft}$ | 49.53 | 40\% | 19.81 | \$2,555.29 |
| Area 3B | Tire Chunks | 504.60 | 12 | 6,055.2 | $20 \mathrm{lbs} / \mathrm{cu} \mathrm{ft}$ | 60.55 | 40\% | 24.22 | \$3,124.14 |
| Area 4 | Truck Tires | 2,088 | $7(<10 \mathrm{ft})^{2}$ | 14,616 | $\begin{gathered} \text { 2.5 Tires / cu } \\ y d^{2} \\ \hline \end{gathered}$ | 67.51 | $\begin{gathered} 40 \% \text { of } 1350 \text { Tires } \\ =540 \text { Tires } \end{gathered}$ | 27 | \$3,482.73 |
| Area 5A | Painted Bagged Mulch | 2,083.25 | 7 | 14,582.75 | $26 \mathrm{lbs} / \mathrm{cu} \mathrm{ft}$ | 189.58 | Temporary (<90 days) Storage of $100 \%$ | 189.58 | Exempt from Financial Assurance ${ }^{7}$ |
| Area 5B | Painted Bagged Mulch | 5,769.78 | 7 | 40,388.46 | $26 \mathrm{lbs} / \mathrm{cu} \mathrm{ft}$ | 525.05 | Temporary (<90days) Storage of 100\% | 525.05 | Exempt from Financial Assurance ${ }^{7}$ |
| Area 6 | Purchased Mulch ${ }^{4}$ | 3,662.35 | 7 | 25,636.45 | $26 \mathrm{lbs} / \mathrm{cu} \mathrm{ft}$ | 23 | 23 Tons (one delivery) | 23 | \$2,966.77 |
| Total |  | 20,374.72 |  | 176,479.74 |  | 1,703.95 | 40\% (excluding painted bagged mulch) | 1124.15 | \$52,823.99 |
| Additional 15\% Contingency to account for maximum storage of exempted colored mulch during 2-3 months of year |  |  |  |  |  |  |  |  | \$7,923.60 |
| Total Closure cost for removal, transportation and disposal of whole tires, processed tires, and purchased mulch |  |  |  |  |  |  |  |  | \$60,747.59 |

${ }^{1}$ Area dimensions will be outlined at the facility by indicators suspended from ceiling at each corner of the storage area. Total includes Areas 5A and 5B $\left(7,853.03 \mathrm{ft}^{2}\right)$ for storage of painted and bagged mulch product that is not included in the Financial Assurance calculation as explained in note 7 .
${ }^{2}$ Whole truck tires are stored in piles less than 10 feet high and storage capacity is calculated using 2.5 tires per cubic yard (1350 tires theoretical maximum) based on California Recycling Government publication: https://www.calrecycle.ca.gov/tires/enforcement/inspections/numbertires\#CubicYardsToTires
${ }^{3}$ Density is based on the Federal DOT publication: https://www.fhwa.dot.gov/publications/research/infrastructure/structures/97148/st1.cfm
${ }^{4}$ Uncolored mulch is purchased in maximum 23 Ton capacity and processed (colored) immediately after receipt, so that there is no more than 23 tons stored at any time.
${ }^{5}$ Theoretical Maximum Storage complies with the requirements of 62-711.530(2)(a) FAC.
${ }^{6}$ An updated loading/transportation/disposal cost of $\mathbf{\$ 1 2 8 . 9 9 / t o n}$ is used based on the most expensive estimate obtained.
${ }^{7}$ Colored bagged mulch product (stored in areas $5 A$ and $5 B$ ) is exempted from the financial assurance calculation based on the FDEP email dated November 27, 2018 with the condition that storage limits for the product be maintained.

## RAYLING TIRE SERVICE

# ESTIMATE 

## 16155 SW 86TH TERRACE <br> MIAMI,FL 33193

Date:<br>June 30, 2020<br>Proforma Invoice \#: 2020-0002

Expiration Date:

## To: AMERICAN TIRE RECYCLING GROUP LLC 3551 NW 116 ST <br> MIAMI,FL 33167



To accept this quotation, sign here and return:
Total \$ 1,741.43

Thank you for your business!

