

Legislation Text

File #: 15-6707, Version: 1

Contract Amendment for the Biosolids Market Study

Action:

Approve contract amendment # 1 in the amount of \$370,750 to the Biosolids Market Study Contract with CDM Smith, Inc. for biosolids treatment technology evaluation, planning, and procurement assistance.

Staff Resource(s):

Barry Gullet, Charlotte Water
Carl Wilson, Charlotte Water

Explanation

- "Biosolids" are highly treated, nutrient-rich solids produced in the wastewater treatment process. Most biosolids produced at Charlotte Water's treatment plants are land applied on approximately 25,000 acres of permitted farm land in North and South Carolina as a soil enhancement for pastures and non-human food crops. Any biosolids that do not conform to the strict "Class B" regulatory standards are landfilled.
- In 2013 a biosolids master plan suggested the need to evaluate process alternatives to produce a thermally treated "Class A" biosolids product which reduces the volume to be disposed of.
- In 2016 a biosolids market study provided for local end users to witness application of a thermally dried biosolid pellets and a thermal hydrolyzed biosolid soil-like material. Both of these two Class A products were deemed the most viable with the local end users.
- The proposed amendment will fund additional scope related to evaluating the thermal treatment technologies as long-term improvement options, which could take up to 10 years to be in place, as well as address any interim short-term improvements.
- On October 9, 2015, the City issued a Request for Qualifications for Professional Engineering Services. CDM Smith, Inc. was selected based on qualifications.
- On April 11, 2016, City Council approved the original contract in the amount of \$633,808.
- The new contract amount including the contract amendment is \$1,004,558.

Charlotte Business INclusion

No subcontracting goal was established for this amendment because there are no subcontracting opportunities (Part D: Section 6 of the Charlotte Business INclusion Policy).

Fiscal Note

Funding: Charlotte Water Community Investment Plan

Attachment(s)

Map