



UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA

ADM. OFFICE
USE ONLY:

AGENDA ITEM 3-b

- CONSENT ITEM FOR MEETING OF: April 23, 2018
- NEW BUSINESS FROM: Director of Water Resources
- OLD BUSINESS SIGNATURE: Dave Hoover
- _____ EXHIBITS: ITB #11-18 Scope of Work and Bid Tabulation

SUBJECT: ITB #11-18 - WRF Biosolids Processing and Disposal

SUMMARY: The Water Resources Department has completed the final remaining year (5/31/18) of a contract with Synagro South, LLC for the processing, hauling and disposal of biosolids produced at the Water Reclamation Facility. Bid No. 11-18 was broadcast on Demand Star and the U.C.'s website on 2-16-18. Bids were opened and read aloud on 3/20/18. Three bids were received and evaluated for all relevant factors involved in reliably providing this service, a vital facet of our operation, i.e. the processing and disposal of approximately 3,000,000 gallons of biosolids each year. The cost for processing and disposing this amount of biosolids at our current rate would be \$417,000, annually.

As stated in ITB #11-18, the U.C. reserves the right to award "best overall bid" and is not bound to accept a bid on the basis of lowest price. After a comprehensive evaluation, based on various factors (not inclusive) such as ongoing regulatory compliance for the processing and disposing of Biosolids, previous Biosolids services experienced by the U.C., and for known reliability of these services, Water Resources and Materials Management staff are recommending award to the evaluated low responsive bidder meeting specifications, Synagro South, LLC, for one year with the option to renew up to three (3) additional years.

The funding will come from O&M Account Number 360-030-742-7328.

RECOMMENDED ACTION:

A motion to approve and award ITB No. 11-18 - WRF Biosolids Processing and Disposal to Synagro South, LLC, in the annual amount of \$405,000 (\$0.135 per gallon), and authorize the General Manager/CEO or his designee to execute the documents associated with this award.

Ray Mitchem

NOTE: ALL AGENDA ITEMS MUST BE IN THE UTILITIES DIRECTOR'S OFFICE BY NOON MONDAY TWO WEEKS PRIOR TO THE REGULAR WEDNESDAY COMMISSION MEETING.

3. SCOPE OF WORK

The UCNSB Water Resources Department is seeking bids from qualified contractors to collect, haul, treat, and dispose of the wastewater sludge (a.k.a. "bio-solids") generated by the UCNSB Water Reclamation Facility (WRF) located at 3119 SR 44 New Smyrna Beach, FL 32168. *The UCNSB and contractor will enter into a one year agreement. Traditionally we offer a renewable contract for up to three (3) additional years for a four (4) year total. However, UCNSB is upgrading its bio solids process. Once the upgrades are complete we will no longer require the contractor to provide additional thickening. UCNSB will re-bid the contract at that time.*

Our tertiary treatment plant produces and stores un-stabilized waste product in the 6% - 7% solids range. The plant is equipped with filling station and equipment so that product can be filled in tankers. Contractors shall evaluate and bid on the costs to fill, transport, stabilize (if necessary), treat and/or dispose of per Contractor's FDEP permit and guidelines for contractor's facilities. The Contractor must own and control all equipment utilized to accomplish these tasks.

All Labor and materials required by the contractor to perform these tasks should be considered and included in the bid as an all-inclusive cost per gallon. The cost per gallon of bio-solids may be adjusted annually based on fuel adjustments. The fuel adjustments will only be considered upon contract renewal. Copies of Contractor's DEP permits shall be submitted with the ITB for review prior to contract approval.

The contract will require closely coordinated efforts of plant personnel with the contractor to manage this process. *Invoicing shall be based on UCNSB's flow meter at the sludge facility.* The Contractor shall provide a schedule which, at a minimum, includes the bi-weekly hauling of bio-solids from the WRF.

All bids will be evaluated for cost and compliance with the applicable FDEP regulations from Chapter 62-640. There should also be some description of how any further changes in regulations may be handled.

A plant visit may be scheduled for interested parties to assure all conditions and limitations are understood by the Contractor. These visits shall be coordinated with Keith Suever (386) 424-3184.

Either party can discontinue the service with a 30 day advance written notice.

The vendor will hold the UCNSB harmless against all claims, damages, regulatory citations, losses and expenses that may arise from receiving, transporting, treating, storage, and disposing of this product.

UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH, FL
HAULING AND DISPOSAL OF BIOSOLIDS
ITB # 11-18

When the contractors FDEP permits are renewed, copies shall be forwarded to the UC within 30 days. The contractor will also supply the UC with copies of any relevant FDEP reports required for our files, in the course of this contract.

The Contractor's facility becomes the entity responsible for treatment and proper use of the product. The source facility (UCNSB WRF) will not be held responsible for treatment, management, use or land application violations.

3.2 WRF Production Statistics

<u>Biosolids concentration</u>	<u>Gallons/year</u>
7% Plant Thickened Product	3,000,000 (approx. 2.5 dry tons/day)

NOTE: Fluctuations in bio-solids production does occur. Fluctuations may be weather and tourist season dependent. The contractor understands bio-solids are produced 365 days a year. Existing holding tanks will be operated in the most effective manner for the management of both the WRF and the contracted services.

- I. Option I - the contractor will take the non-stabilized, 7% thickened product and be responsible for transportation, treatment, and disposal within all applicable regulations. The submittals will outline what measures will be taken with the product, and how it will be ultimately disposed of. Copies of land application permits (if applicable) will also be supplied. Cost will be per gallon all inclusive.
- II. Option II - Any other options submitted will be fully reviewed, and considered. All details and conditions must be included. Cost will be per gallon all inclusive.

Trip tickets shall be on a form acceptable to the UC and FDEP. The tickets shall form a chain of custody and allow proper accounting for the payment aspect as well.

The contractor shall have a minimum of 5 consecutive years of operation.

Prior to bid award, the UC reserves the right to visit and inspect proposed disposal BTF's.

ITB 11-18 Bio-Solids Disposal	UOM	OPTION 1	OPTION 2	OPTION 3
COMPANY SUBMITTING	Gallon	Unit Price	Unit Price	Unit Price
Biosolid Distribution Services LLC	Gallon	0.158 Hauled to BS Ranch & Farm Lakeland, FL (Permit Attached)	.119 Dewater on site. Treat to Class AA, Haul and Dispose	.114 Dewater on site. Haul raw cake to BS Ranch & Farm Lakeland, FL (Permit Attached)
Synagro South, LLC	Gallon		.135 Dewater on site. Treat to Class B. Haul to landfill! In St. Cloud Florida (Permit Attached)	
Shelley's Septic Tank, Inc.	Gallon	.25 No explanation as to procedure contained in submittal		