

SPECIFICATIONS
FOR
BIOSOLIDS LOADING, HAULING, AND DISPOSAL 2018 – 2022

THE WATER WORKS & SEWER BOARD OF THE CITY OF GADSDEN, ALABAMA

NOTICE IS HEREBY GIVEN that THE WATER WORKS & SEWER BOARD OF THE CITY OF GADSDEN, ALABAMA (hereinafter “GWWSB”) requests SEALED BIDS for the BIOSOLIDS LOADING, HAULING, AND DISPOSAL project and will receive SEALED BIDS at the address below:

ATTN: BIOSOLIDS BID, Wastewater Treatment Plants (WWTPs)
P.O. BOX 800
GADSDEN, AL 35902-0800

OR

ATTN: BIOSOLIDS BID, Wastewater Treatment Plants (WWTPs)
515 ALBERT RAINS BLVD.
GADSDEN, AL 35901

Until 10:00 AM (CDT) on Thursday, July 12, 2018

1. PROJECT UNDERSTANDING

The main points of this bid is the loading, hauling, and disposing of biosolids produced, as a byproduct of its operation, at the two (2) GWWSB Wastewater Treatment Plants (WWTPs) in such a way that meets all United States Environmental Protection Agency (EPA) and Alabama Department of Environmental Management (ADEM) application/disposal practices, protocols, and requirements. The operational goal will encompass the removal of biosolids from the dewatering buildings at each WWTP, and the efficient daily management of the biosolids production/disposal processes. The biosolids contractor (winning bidder) will keep work areas neat and clean and will have the responsibility for all spill and clean-up activities within the plant site, highways, storage facilities, and final disposal destinations.

A. Trucks, trailers, tractors, and all application equipment will be maintained, cleaned, and serviced on a regular basis. The biosolids contractor will fully cooperate and interface frequently with the designated GWWSB contact to ensure satisfactory contract performance.

B. Biosolids Loading

a. All trucks used to transport biosolids will be marked with identification numbers on each side. All units will be weighed empty and also weighed after loading, at a certified scale of the biosolids contractor’s choosing, with all pertinent information being recorded on the weight tickets, manifest, as well as truck reports. The truck reports

will show the net weight of the biosolids and the destination of the biosolids disposal (e.g., farm site, routine storage, landfill, etc.) Trucks used for transport of biosolids will have sealed tail gates and splash guards installed in the front and rear of the dump body.

- b. Biosolids disposal will be achieved by means determined by the biosolids contractor. Prior to loading with biosolids, trucks and trailers used for hauling said biosolids will be weighed “empty” at whatever certified scale location that the biosolids contractor chooses). After trucks are loaded at the GWWSB WWTPs, they will be weighed (at whatever certified scale location biosolids contractor prefers) and washed (IF NECESSARY) before proceeding to transport the biosolids over pre-approved haul routes to permitted disposal sites.

C. Field Operations

- a. After the biosolids reach the disposal site, it is the biosolids contractor’s responsibility to dispose/incorporate biosolids in EPA/ADEM approved method(s).
- b. If land application is the chosen disposal methods, during extended periods of non-application, it is the biosolids contractor’s responsibility to temporarily store biosolids. The efficient daily management, which includes removal, of biosolids from the GWWSB WWTPs must be maintained.

2. PROJECT IMPLEMENTATION

Biosolids contractor will hire all necessary field staff and have them in place by contract start date. Biosolids contractor will also provide all necessary equipment utilized in the Biosolids Loading, Hauling, and Disposal project.

- A. Required equipment – Two (2) each 39 ft. dump trailers (one at each of the two (2) WWTPs). Once the trailer has been filled with processed and pressed biosolids, the biosolids contractor will be contacted to haul trailer with biosolids to the contractor’s land application site and properly apply, or dispose of, said biosolids. Then, the trailer is to be returned to WWTP to be filled again, within twenty-four (24) hours. This process will be repeated throughout duration of contract. Coordination will be required, which GWWSB will perform with selected biosolids contractor.
- B. All other equipment necessary to complete a turnkey proposal (e.g. truck for hauling biosolids trailer, 4-wheel drive tractor, if necessary, service trucks, spreaders, etc) will be supplied by the biosolids contractor. Again, this is a turnkey proposal, with contractor supplying all necessary personnel, land application, and equipment.

3. REGULATORY CONSIDERATION

ADEM and the EPA share regulatory responsibilities for the land application of biosolids. Regulations governing biosolids approval by these agencies is necessary before applying biosolids to the land. Guidelines for obtaining approval of projects are available

from regional offices of ADEM. Biosolids contractor is responsible for collecting information, obtaining approval, and properly applying the biosolids.

4. SAMPLING AND TESTING PROCEDURES

- a. The biosolids contractor will adhere to a quarterly sampling plan that meets all requirements. **The biosolids contractor is responsible for ALL monitoring, testing, and reporting required by all regulatory agencies.**
- b. The biosolids contractor is responsible for acquiring and permitting all disposal locations.
 - i. The biosolids contractor is responsible for ALL monitoring, testing and reporting **required for land application, if chosen**, by all regulatory agencies.
- c. **ALL compliance (i.e., determining application rates, spill control, land application requirements, if chosen, site operations, field operations, DOT requirements, etc.) for loading, hauling, and disposing is the responsibility of the biosolids contractor.**
- d. Copies of all reports (lab results, 503 sludge reports, etc.) will be submitted to the GWWSB for their records.

