

City of Greenville, Ohio
REQUEST FOR BIDS
FOR
BIOSOLIDS MANAGEMENT

1. PURPOSE

The intent of the Request for Bids (RFB) and resulting contract is to obtain the services of a professional biosolids management firm to be responsible for all aspects of the City of Greenville Biosolids Management Program. This includes obtaining application field sites, site permitting, public relations, loading of biosolids, transportation of biosolids, land application of biosolids, monthly EPA field reporting, field soil analysis, and all other requirements of a professional biosolids management program.

2. SCOPE OF SERVICES

The contractor shall remove liquid biosolids from the City of Greenville Wastewater Treatments Facilities Storage Lagoon and land apply them in accordance with the Ohio EPA approved City of Greenville Sludge Management Plan. A copy of the Ohio EPA approved sludge management plan is included with this bid package. The contractor shall be responsible for complying with any and all applicable laws, statutes, regulations, ordinances, permits, and directives. It shall be the responsibility of the contractor to provide any and all labor, equipment, materials, permitted sites, permits, field sample analyses (the City of Greenville will conduct analyses of biosolids for disposal), and other resources necessary to perform as required, except as otherwise indicated in these specifications.

The Contractor shall obtain land owner consent and approval for all land application sites. Existing field sites approved for land application of the City of Greenville's biosolids have been secured by the current hauler and shall not be considered as available land unless agreed upon, in the Contractor's normal process of obtaining sites, by the field owner and the Contractor. The Contractor shall conduct all necessary field site analyses, inspections, and documentation to obtain EPA approval for land application.

The Contractor shall obtain all sites and be designated as the responsible official on all OEPA site books and provide all related certification statements (site restrictions, nuisance complaints, vector attraction, etc.) For annual sludge reports. The Contractor shall submit monthly (during application periods), to the Ohio EPA and City of Greenville, field reports detailing site location and yearly / monthly / project to date loadings for all relative parameters. The Contractor shall administer and submit to the Ohio EPA for approval any sludge management plan revisions / updates necessary or requested by the City of Greenville.

3. LOCATION OF FACILITIES

The City of Greenville Wastewater Treatment Plant is located at:

209 North Ohio Street
Greenville, OH 45331
(937) 548-3530
Don Knife, Wastewater Superintendent

4. CHARACTERIZATION OF BIOSOLIDS

Typical biosolids composition can be viewed in the attached Wastewater Biosolids Management Plan.

5. CONTRACT TERM

The initial contract period shall be for a period of two (2) years beginning on or about October 8, 2022 with provisions for renewal for an additional one (1) year thereafter. If City of Greenville decides to renew the contract for an additional one (1) year, any additional compensation other than an annual CPI-U adjustment above that specified in the contract shall be negotiated and mutually agreed upon by the contractor and City of Greenville prior to renewal of the contract. If desired by the City, the City and the Contractor will begin discussions regarding extension of the contract for one (1) additional year 90 days prior to expiration of the contract.

6. ESTIMATED QUANTITIES

The following are estimates of the quantity of biosolids that will need to be removed **annually** from the biosolids storage facility. These volumes are based upon past annual quantities and may vary. The annual volume of biosolids may increase or decrease depending upon operating and loading conditions at the Wastewater Treatment Facility.

<u>SOURCE</u>	<u>GALLONS</u>	<u>DRY TONS</u> @ 2.5% SOLIDS
Greenville WWTP	3,000,000 / year	312.75 / year
	6,000,000 / 2 year contract	625.5 / 2 year contract

7. SCHEDULE OF OPERATION

Normally, biosolids will be removed from the wastewater facilities Monday through Saturday from 7:00 a.m. to 8:30 p.m. However, should operational difficulties, equipment failure, or other problems occur, City of Greenville may, without prior notice to the contractor, limit the number of days per week that biosolids can be removed, temporarily cease operations, increase or decrease the quantity to be removed, or extend these operational times without liability.

8. EQUIPMENT AND TRANSPORTATION

Transport vehicles shall be the type(s) approved for this application by the City, and any other political jurisdiction or regulatory agency involved in the transport or final disposal process.

General requirements for vehicles hauling biosolids are that the vehicles have watertight bodies and that they are properly equipped and fitted with seals to prohibit spillage or drainage. The contractor's equipment shall be compatible with the City's loading area. All loading, hauling and application equipment shall be provided by the contractor and shall be maintained in a condition acceptable to the City.

Each vehicle shall be assigned its own particular number which shall be displayed in a permanent, clearly visible manner satisfactory to the City. This number shall be displayed on each side of the vehicle in the same manner on each vehicle. These vehicles shall be registered with the City of Greenville after inspection of the same.

The vehicles shall be cleaned as often as necessary to prevent the deposit of biosolids on the vehicle or on the roadways. This shall include, but not be limited to, external surfaces, wheels and under-carriages.

It shall be the contractor's responsibility to maintain the interior of the hauling vessel in such a manner as to prevent biosolids buildup which would cause the empty weight of the unit to be in excess of that for which it is permitted. The City may require the contractor to remove said buildup at any time it is observed to be in excess. This shall not relieve the contractor of any responsibility with regard to the frequency or volume of hauling.

The contractor shall receive biosolids as demanded by the City. The contractor shall be responsible for all problems related to proper handling and transportation. It shall be the full responsibility of the contractor to make whatever adjustments, provisions, etc., as may be necessary to satisfy this contract for land application of biosolids. This shall include, but not be limited to, provisions for inclement/freezing weather, and the provision of transport vehicles as needed, in a staged and orderly fashion.

Vehicles shall be loaded within all legal weight limits. It shall be the sole responsibility of the contractor and his drivers to monitor the loading of each truck and effect a cut-off at such time as to insure a legal weight. The City reserves the right to bar any driver who disregards any of the conditions of this contract.

All haul routes to any Ohio EPA permitted land application site in any jurisdiction shall be determined in accordance with all applicable state and local laws. Said laws shall be strictly adhered to by the contractor and his designees. The contractor shall avoid usage of residential streets and residential thoroughfares. All routes to and from application sites shall be pre-approved by the City of Greenville Safety/Service Director.

Any violation of weight regulations or traffic laws shall be the sole responsibility of the contractor, who shall hold the City harmless from any penalty or sanction, civil or criminal, imposed by reason of any such violation of weight or traffic laws.

Should a mechanical breakdown occur en route to the disposal site, the contractor shall immediately dispatch a tow truck or a repair crew to the disabled vehicle. If the disabled vehicle cannot be repaired where it sits, it shall first be towed to the land application site for the proper removal of the biosolids. This shall be the sole responsibility of the contractor and carried out at his expense.

When breakdowns cause vehicles to be removed from normal service, the contractor shall supply back-up units which meet all criteria set forth in this document.

The City, at its discretion, may provide a parking area on the plant site for the overnight storage of the contractor's empty vehicles, if the contractor so desires. The City, however, assumes no liability for said vehicles which at all times shall be under the sole insurance of the contractor. The contractor shall not use City property as a work area to repair or service vehicles, or for biosolids storage, except as mutually agreed by the contractor and the City.

The contractor shall be responsible for the provision and replacement of all equipment as necessary to completely, efficiently, and expeditiously perform the work described herein and shall also be fully responsible for the provision of adequate personnel for the performance of the work. Sufficient equipment and personnel shall also be available to meet any circumstance which may be created by peak periods of biosolids production.

9. STORAGE AND DISPOSAL

The City currently has approximately 1,500,000 gallons of storage capacity in the storage lagoon. This will require that the contractor mobilize a minimum of three (3) times per year applying approximately 1,000,000 gallons per event to remove the liquid biosolids in storage. It is the contractor's responsibility to maintain adequate storage capacity in the storage lagoon. Any exception to this ability will be remedied at the cost of the contractor. This may be remedied

through hiring of an outside contractor utilizing mobile dewatering equipment or some other means of biosolids removal and disposal. In order to encourage proper biological activity in the storage lagoon the storage shall not be emptied to less than 30% of its capacity at any time. This requirement may be waived at the sole discretion of the City.

The contractor shall assure that the City, or its representatives, and the Ohio EPA shall be afforded the right of access to all permitted farm sites.

Any accommodation to the contractor with regard to the parking of loaded vehicles on the plant site for any period of time will be made on a case-by-case basis. No guarantee of accommodation is made in these specifications.

Control of odors at the farm disposal site(s) in accordance with state and local requirements and regulations shall be the sole responsibility of the contractor.

10. SPILLS AND CLEAN-UP

The contractor shall keep his hauling route, equipment and work area neat and clean, and shall bear all responsibility for the cleanup of any spill which occurs during the transportation of biosolids.

The contractor shall be responsible to notify the City immediately should any spill occur which contravenes any permit condition or jurisdictional regulation.

The clean-up of any biosolids which are dumped, spilled, or discarded in any location other than the site authorized for that purpose shall be the sole responsibility of the contractor and conducted by the contractor, or at his expense, in accordance with all applicable laws.

11. DETERMINATION OF QUANTITY REMOVED

The contractor shall provide to the City a copy of a load sheet which details the following: date of removal, time truck left lagoon site, truck number, driver name, gallons of biosolids loaded on the vehicle, and approved field or site identification number. The quantity of biosolids loaded on a vehicle will be recorded as mutually agreed upon by the City and the contractor. Load indication devices such as floats are required to insure the accurate loading of the vehicles. The City reserves the right to perform inspections of the vehicles to verify conditions and quantities. The City intends to implement accounting procedures to assure quantities hauled.

12. PERMITS, REPORTS, AND RECORDS

It is a material requirement of this contract that the contractor obtain and maintain all permits necessary for the performance of same. This shall include, but not be limited to, all permits necessary for the hauling and land application of biosolids.

Prior to commencing any work, the successful contractor shall obtain and furnish the City copies of all necessary approvals and permits, including, but not limited to, approvals and permits for equipment and the land application operations required by all governmental units and regulatory agencies.

The contractor shall provide the Safety/Service Director or the Directors representative with all permit reports required for submittal to federal, state and local regulatory agencies for the monitoring of this project.

The contractor shall develop, in consultation with and approval of the City, a manifest system which indicates volume hauled, destination, actual haul route used, vehicle number, and vehicle registration.

These requirements will be applicable to subcontractors performing services under this contract.

13. MEASUREMENT AND PAYMENT

Payment shall be made on the basis of work actually performed in completing each item in the contract bid.

The contractor shall furnish all transport vehicles in which the biosolids will be directly loaded for removal to permitted farm sites. A mutually agreed upon system of volume verification of the gallons of biosolids removed for land application shall be determined between the City of Greenville and the contractor.

The successful contractor shall submit invoices to the City for the hauling and application of the biosolids on a monthly basis for the previous calendar month's activity. The invoices shall show the number of gallons hauled and applied for the month. The invoices will be subject to verification by the City and in the event no discrepancies exist, will be paid within 30 days of receipt.