

**SPECIFICATIONS FOR ELECTRIC INSTLATION, CWTS INFLUENT LINES UPGRADE
AND SLUDGE DRYING BED INSALATION AT THE
FORT EDWARD LANDFILL
FORT EDWARD, NEW YORK**

July 2014

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York

Prepared by:

HRP Engineering, P.C.
1 Fairchild Square
Clifton Park, NY 12065

**SPECIFICATIONS FOR ELECTRIC INSTLATION, CWTS INFLUENT LINES UPGRADE
AND SLUDGE DRYING BED INSALATION**

**Fort Edward Landfill
Leavy Hollow Road
Fort Edward, New York
Site Number 558001**

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New York State Department of Environmental Conservation

NOTICE TO CONTRACTORS

New York State Department of Environmental Conservation (NYSDEC) is seeking a qualified contractors to furnish all materials, labor, equipment and incidentals for the electric installation, equipment purchase and installation, constructed wetland treatment system (CWTS) influent line upgrade, and sludge drying bed installation at the Fort Edward landfill in Fort Edward, New York. The work for this project includes, but is not limited to, removal/disposal of containerized wastes and repacking/recontainerization of wastes prior to disposal.

Sealed bids will be received at the offices of
Payson Long
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7017

A kick off meeting will be held at the Fort Edward Leavy Hollow Rd, Fort Edward, New York at a date to be determined.

All questions regarding the foregoing information and project should be submitted electronically via email to Jennifer.kotch@hrpassocaites.com and pdlong@gw.dec.state.ny.us.

DESCRIPTION OF WORK

The overall plan for electric installation, equipment purchase and installation, constructed wetland treatment system (CWTS) influent line upgrade, and sludge drying bed installation at the Fort Edward landfill facility in Fort Edward, New York relies on the following components and coordination between contractors and NYSDEC.

1. The Environmental Remediation Contractor will be solely responsible for the following items:
 - Work towards a site specific health and safety plan prior to conducting any work at the site.
 - Installation of electric, equipment associated re-design of the remedial leachate collection system at Fort Edward as seen in the specification and associated figures.
 - Install leaching galleries in CWTS Cell 1 and 2 to deliver process water to the entire treatment cell, utilizing the full remediation area.
 - Convert CWTS cell 3 into a sludge drying bed.

2. HRP Engineering, P.C. will be responsible for:
 - Reviewing Contractor submissions.
 - Contractor oversight

INSTRUCTIONS TO CONTRACTOR:

1. Definitions: Terms used but not defined in these Instructions To Contractor shall have the same respective meanings assigned to such terms in the Agreement.

2. Scope of Work: The work for this project includes, but is not limited to, electric installation, equipment purchase and installation, constructed wetland treatment system (CWTS) influent line upgrade, and sludge drying bed installation

A kick off meeting will be held at the Fort Edward landfill, at 8:00 a.m. on a date to be determined.

3. Examination of Contract Documents and Site Conditions:

- (a) It is the responsibility of the contractor before submitting completing the work:
- (1) examine thoroughly the Contract Documents and other related data identified in the specifications and figures;
 - (2) visit the Site to become familiar with and satisfy bidder as to the general, local, and Site conditions that may affect cost, progress, performance, furnishing or completion of the Work;
 - (3) consider and review any and all Laws and Regulations that may affect cost, progress, performance, furnishing or completion of the Work;
 - (4) study and carefully correlate contractor's knowledge and observations with the Contract Documents and such other related data; and
 - (5) promptly notify HRP of all conflicts, errors, ambiguities or discrepancies which bidder has discovered in the Contract Documents.
- (b) Information and data, if any, shown or indicated in the Contract Documents or other documents with respect to the surface, subsurface and other conditions of the site are based upon information and data furnished to NYSDEC and NYSDEC does not assume any responsibility for the accuracy or completeness of such information and data.
- (c) Acceptance of the work will constitute an incontrovertible representation by contractor that: (i) bidder has complied with every requirement of this Section 7; (ii) without exception the bid is premised upon performing and furnishing the Work required by the Contract Documents and applying the specific means, methods, techniques, sequences or procedures of construction (if any) or performance of the Work that may be shown or indicated or expressly required by the Contract Documents; (iii) contractor has given HRP / HYSDEC written notice of all conflicts, errors, ambiguities and discrepancies that contractor has discovered in the Contract Documents and the written resolutions thereof by NYSDEC are acceptable to bidder; and (iv) the Contract Documents are generally sufficient to indicate and convey understanding by contractor of all terms and conditions for performing, furnishing and completing the Work.

4. Site Conditions: All information and data included in this specification and figures relating to the existing conditions of the Site are from presently available sources and are being provided only for the information and convenience of the bidders. It is understood and agreed that any successful bidder or Contractor shall not use any information made available to it or obtained in any examination made by it in any manner as a basis or grounds for a claim or demand of any nature against NYSDEC arising from or by reason of any variance which may exist between information offered or so obtained and the actual materials, conditions, or structures encountered during construction or performance of the Work. By accepting the Work, each contractor expressly waives each and every such claim and demand.

5. Contract Time: The number of days within which the Work is to be completed is set forth in the Agreement.

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SCHEDULE OF PRICES AND TIME OF COMPLETION

General

1. The cost of providing all labor, materials, tools and equipment necessary for or incidental to the installation and acceptance of the specified item shall be included under the appropriate item of work in the unit price and lump sum bids.
2. Payment of services and goods shall include all fees, permits, licensing, and all other costs associated with the work.
3. Payment shall be for those items listed on the Bid Form. All other related work shall be incidental to the appropriate work item and conform to the requirements of the Technical Specification.
4. Method of Measurement and Payment shall be in accordance with the Contract Documents.
5. In reviewing the bids for the selection of a low bidder, the Owner reserves the right to select any given soil disposal option which they deem to be in their best interest and to reject any individual bidder's soils disposal option because they deem that the disposal facility is unacceptable.
6. Quantities given are for information purposes only. It is the bidder's responsibility to verify quantities for him/her self.

7. Time to Complete the work:

The signatory listed above proposes to complete the;

Electrical and System upgrade installation _____ calendar days.

Influent CWTS Cell 1 and 2 in _____ calendar days.

Sludge drying bed installation in _____ calendar days.

1.0 SUBCONTRACTORS INTENDED TO BE UTILIZED

(List Names of Subcontractors Intended to be utilized for this contract. NOTE - Contractor shall provide references and/or qualifications documents for any subcontractor providing soil disposal or utility installation services)

Subcontractor/Supplier: _____

Discipline: _____

Address: _____

Subcontractor/Supplier: _____

Discipline: _____

Address: _____

Subcontractor/Supplier: _____

Discipline: _____

Address: _____

EXHIBIT A

PLANS

The following plans are hereby incorporated by reference and made a part of this Agreement as if such plans had been attached in their entirety to this Agreement:

<u>Figure</u>	<u>Title</u>
1	Building Addition – Slab Design
2	Process and Instrumentation Diagram
3	CWTS Cells 1 and 2
4	Typical Cleanout
5	Collection and Distribution – System Plan
6	CWTS Cell 3 – Sludge Drying Bed
7	Convert Cell to Sludge Drying Bed
8	24" Low Profile Regular Leaching Galley
E-0.1	Electrical Control
E-1	General Notes, One Line, Fixture & Panel Schedule
E-2	Electrical Power and Lighting Plan
P-0.1	Plumbing Legend, General Notes, & Schedule
P-1.0	Plumbing Floor Plan
P-1.5	Plumbing Design
P-2.0	Plumbing Details

EXHIBIT B

GENERAL REQUIREMENTS

Title

System Electric Installation - 01000

CWTS Cell Influent Upgradient 02000

Sludge Drying Bed Installation 03000

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