

# Emergency Generator Replacement - Edna Mahan Correctional Facility and Hunterdon Developmental Center

<u>Category:</u>	Hospitals, Clinics, Prisons	<u>Project ID #:</u>	1004399744
<u>Street Address:</u>	Multiple Locations Clinton NJ 08809	<u>Confirmed Value</u>	\$3,894,718.00
<u>County:</u>	Hunterdon	<u>Stage:</u>	BIDDING - SUBBIDS: ASAP
<u>Bid Date:</u>	7/18/2017 , 02:00PM		
<u>Architect:</u>			
<u>Documents Available:</u>	Plans, Specs, Addenda available in Insight	Plans available from State of New Jersey Division of Property Management and Construction	
<u>Last Update:</u>	6/6/2017	Project reviewed, Stage confirmed as SUBBIDS: ASAP	

## Notes

Scope Renovation of a mixed-use development in Clinton, New Jersey. Completed plans call for the renovation of a detention facility; and medical facility. In accordance with n.J.S.A. 52:32-2, this project shall be bid as a single bid (lump sum all trades). Bidder must be classified themselves or name their classified subcontractor(s) for the following trade(s): HVACR (C032) Base Bid - \$3,894,718 Add Alt 1A - \$150,000 Failure To List Classified Sub-Contractors Will Deem The Bid Non-Responsive. Location: Edna Mahan Correctional Facility & Hunterdon Developmental Center - Clinton, Hunterdon County, NJ Bidders must be classified by the Division under N.J.S.A. 52:35-1 et seq and must submit bid security as provided in Instructions to Bidders and General Conditions, Revised December 2015. No bidder may withdraw his bid for 60 calendar days after the opening. The State may reject any and all bids. Bidders are required to comply with the requirements of P.L. 1975, c. 127, N.J. Law Against Discrimination.

Notes Bid Date: 07/18/2017 02:00PM Sealed proposals must be received and time-stamped in the Plan Room, Division of Property Management & Construction, 33 West State Street, 9th Floor, (PO Box 034) Trenton, NJ 08625. Mandatory Pre-Bid Meeting: 06/26/2017 01:00PM A mandatory pre-bid meeting is scheduled for. Location: edna mahan correctional facility (gate house/visitors center) - 30 route 513, clinton, hunterdon county, nj 08809. Contact person: james langsdorf: (609) 984-9596. Only bids submitted by contractors who attend this meeting will be accepted. Development include(s): Renovation

Details [Division 2]: Clearing, Shoring, Earthwork, Grading, Slope Protection & Erosion Control, Paving & Surfacing, Irrigation, Fences & Gates, Landscaping. [Division 3]: Concrete Formwork, Concrete Reinforcement, Structural Concrete. [Division 5]: Structural Steel. [Division 6]: Finish Carpentry. [Division 7]: Fireproofing. [Division 9]: Drywall/Gypsum, Painting. [Division 10]: Partitions. [Division 11]: Food Service Equipment. [Division 13]: Ground Storage Tanks, Elevated Storage Tanks. [Division 14]: Elevators, Material Handling Systems. [Division 16]: Service/Distribution, Standby Power Generator Systems.

## Additional Details

<u>Listed On:</u>	5/31/2017	<u>Floor Area:</u>	
<u>Contract Type:</u>		<u>Work Type:</u>	Alteration
<u>Stage Comments 1:</u>		<u>Floors Below Grade:</u>	
<u>Stage Comments 2:</u>		<u>Owner Type:</u>	State/Provincial
<u>Bid Date:</u>	7/18/2017	<u>Mandatory Pre Bid Conference:</u>	6/26/2017
<u>Invitation #:</u>	A1209-00	<u>Commence Date:</u>	9/18/2017
<u>Structures:</u>	2	<u>Completion Date:</u>	
<u>Single Trade Project:</u>		<u>Site Area:</u>	
<u>Floors:</u>		<u>LEED Certification Intent:</u>	
<u>Parent Project ID:</u>		<u>Units:</u>	
<u>Parking Spaces:</u>			

## Project Participants

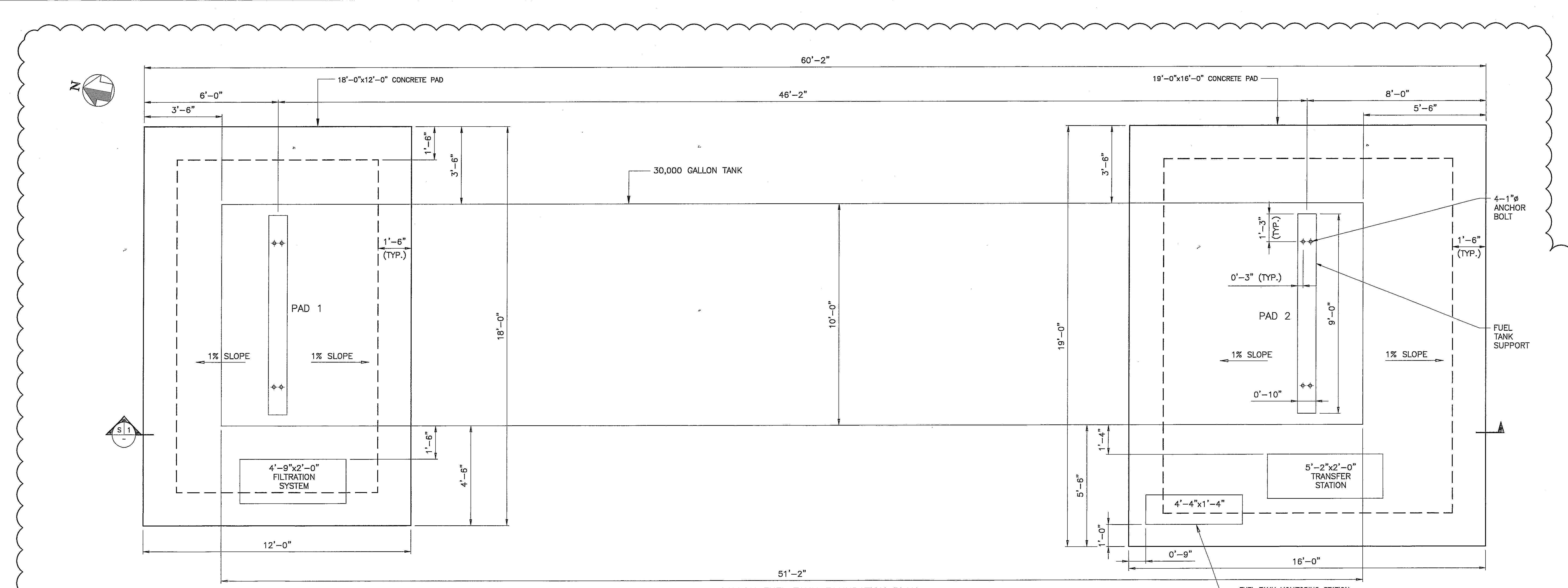
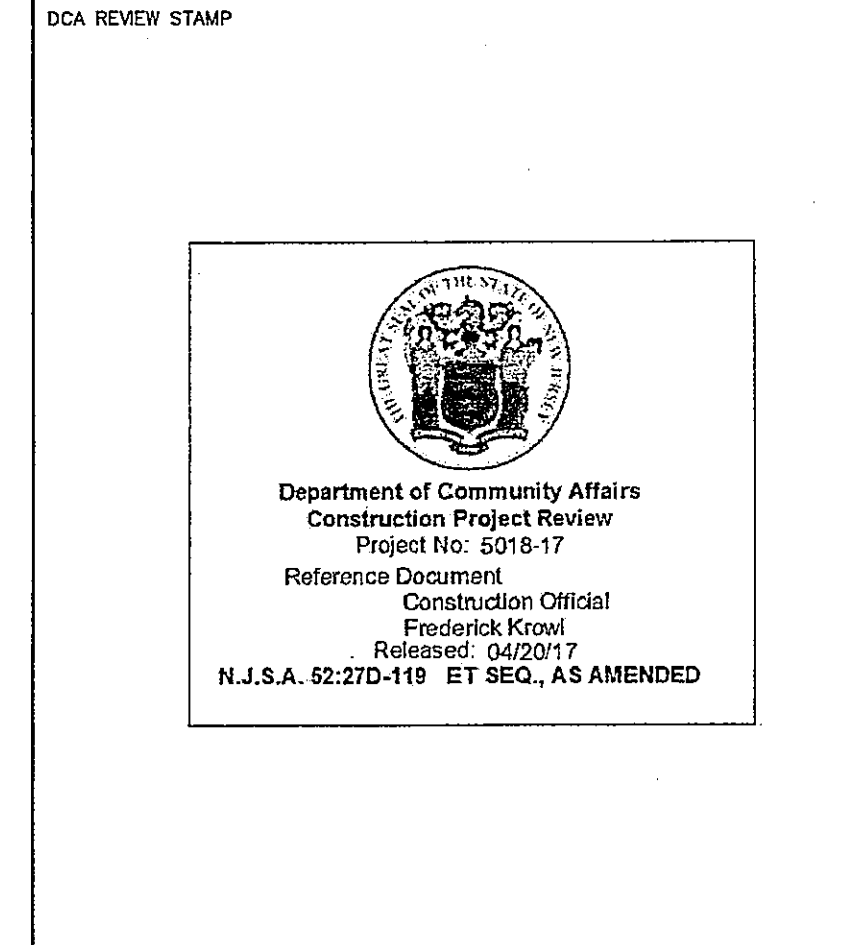
Company Role	Company Name	Contact Name	Address	Phone	Email	Fax
Owner	State of New Jersey Division of Property Management and Construction	Bill Mahan	33 W. State St. P.O. Box 34, Trenton, NJ 08608	(609) 292- 4234	william.mahan@treas.nj.gov	(609) 984- 8495

## Contracts

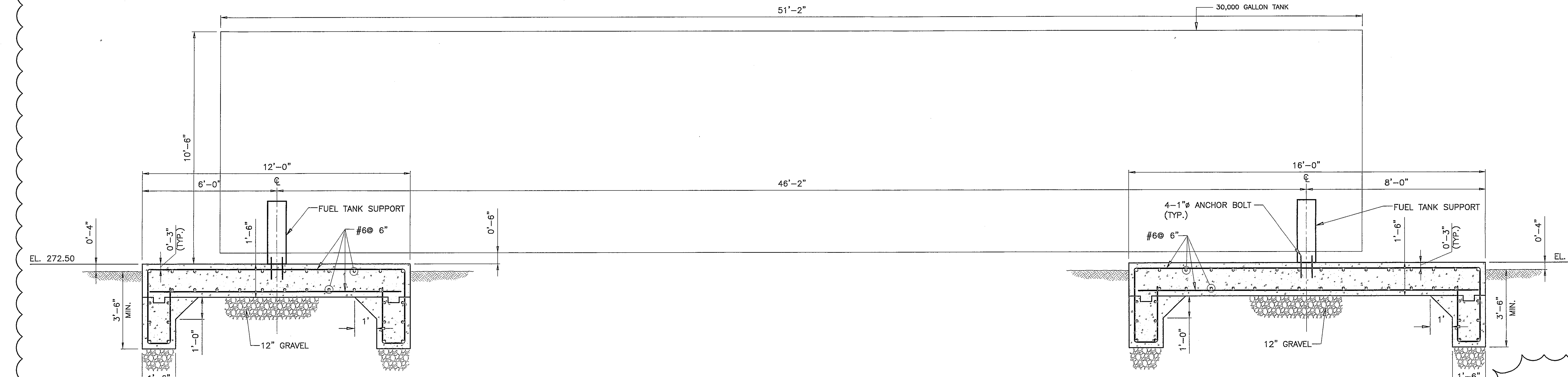
Classification	Conditions	Bonding	Bid Date	Bids To	Bid Type
General Contractor			7/18/2017	Owner	Open Bidding

## History

User	Viewed	First Viewed Date	Currently Tracked?	Date Tracked
Adam Sweet	True	6/6/2017	True	6/6/2017



30,000 GALLON FUEL TANK FOUNDATION PLAN  
SCALE: 1/8" = 1'-0"



SECTION S-1  
SCALE: 1/8" = 1'-0"

**NOTES:**

- FOR LOCATION & ELEVATION OF CONCRETE PAD SEE CIVIL DRAWINGS.
- ANCHOR BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F1554 GRADE 55.
- FOR 1" Ø ANCHOR BOLT INSTALLATION, DRILL 1 1/8" Ø HOLES WITH 9" EMBEDMENT LENGTH FILLED WITH HILTI-HIT-HY200 ADHESIVE.
- ANCHOR BOLT LOCATIONS ARE BASED ON "HIGHLAND TANK", 30,000 GAL. 120" Ø.
- TOP OF CONCRETE PAD-BROOM FINISH.

REV	DATE	DESCRIPTION	APP
B	04/05/2017	EQUIPMENT CONNECTION	
A	01/13/2017	ISSUE FOR DCA HEALTHCARE REVIEW	

SHEET TITLE: **30,000 GALLON FUEL TANK FOUNDATION PLAN**  
 PROJECT: DPMC A1209-00 EMERGENCY GENERATOR REPLACEMENT EMCF & HDC  
**KSE** ENGINEERS, P.C. Engineers • Surveyors • Construction Managers  
 484 Broad Street, 4th Floor Newark, N.J. 07102  
 Phone: (973)923-2899, Fax: (973)923-2886  
**Gillon & Hartmann, Inc.** MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS  
 610-930-0101 FAX: 610-930-7520  
 215-238-9510 609-347-1593 302-654-5959  
 E-MAIL: ghill@ghil.com INTL@ghil.com WWW: ghil.com-hartmann.com  
 DRAWN BY: RP DATE: 02-21-2017 JOB NO: 2015-247 SHEET: S-3  
 CHECKED BY: SC SCALE: CONW. NO.:

Z:\2015\170109 - Technical (Survey, Reports, Calc, CAD)\CAD\STRUCTURAL\SUBSHEET FILES\3.dwg

## PART 2 - PRODUCTS

### 2.1 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer to design restraint and anchors for fuel-oil ASTs, and equipment, including comprehensive engineering analysis, using performance requirements and design criteria indicated.
- B. Seismic Performance: Factory-installed support attachments for AST shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.
  - 1. The term "withstand" means "the unit will remain in place without separation of any parts when subjected to the seismic forces specified and the unit will be fully operational after the seismic event."

### 2.2 HORIZONTAL, STEEL, FUEL-OIL AST

- A. Subject to compliance with requirements, provide product by one of the following:
  - 1. Buffalo Tank Company, Inc.
  - 2. Cardinal Tank Corp.
  - 3. Highland Tank & Manufacturing Company, Inc.
  - 4. Watco Tanks, Inc.
  - 5. Or Approved Equal
- B. Description: UL 142, double-wall, horizontal, steel tank; with primary- and secondary-containment walls and interstitial space.
- C. Construction: Fabricated with welded, carbon steel; suitable for operation at atmospheric pressure and for storing fuel oil with specific gravity up to 1.1 and with maintained temperature up to 150 deg F.
- D. Supports: Manufacturer's standard type, steel or cast-iron cradles, for field installation.
- E. Capacities and Characteristics: Refer to drawings.
  - 1. Fuel-Oil Grade Number: #2 Diesel.
  - 2. Provide all informational and warning signs on the exterior of the day tank in accordance with NFPA 704 and all applicable codes.

### 2.3 SHOP PAINTING OF AST

- A. Apply manufacturer's standard prime coat to exterior steel surface of AST and supports.
- B. Prepare exterior steel surface of AST and tank supports.
- C. Shop Cleaning: After fabrication, blast clean according to SSPC-SP 6/NACE No. 3.