



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
PO BOX 778
DOVER, DELAWARE 19903

JACK MARKELL
GOVERNOR

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VIA WEBSITE POSTING

(302) 760-2030
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March 23, 2016

Contract No. T201453103.01
Federal Aid Project No. DE-90-X037
Beech Street Generator
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 1 for the referenced contract consisting of the following:

1. The Bid Proposal Cover, revised, to be substituted for the same page in the Proposal.
2. Five (5) pages, Davis-Bacon Wage Rates, pages 34-38 revised, to be substituted for the same pages in the Proposal.
3. Replace the Sub-Contractor Category List included in the original Bid Proposal with the attached revised Sub-Contractor Category List determined at the mandatory Pre-Bid Meeting which was held on March 15, 2016.
4. The Mandatory Pre-Bid Meeting Sign-In Attendance Sheet has been posted and attached.
5. One (1) page, Specification, Engine Generators, Part-2 Products, 2.1 Manufacturers, paragraph A, numbers 4, 5 and 6 have been added to the Proposal.
6. One (1) page, Specification, Transfer Switches, Part-2 Products, 2.2 Contractor Type Automatic Transfer Switches, paragraph A, number 5, has been added to the Proposal.
7. The following was asked at the Pre-Bid Meeting:
Question: Is there a dBA level that needs to be met for a Sound Rated Level 1.
Answer: The dBA level for a Level 1 sound enclosure is 75 dBA measured at the property line.
8. The Pre-Bid Meeting Transcript has been posted.

Please note the revision listed above and submit your bid based upon this information.

Sincerely,

signature on file

James H. Hoagland
Contract Services Administrator

:jhh
Enclosure

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT T201453103.01

FEDERAL AID PROJECT NO. DE-90-X037

CFDA NO. 20.507

BEECH STREET GENERATOR

NEW CASTLE COUNTY

ADVERTISEMENT DATE: February 29, 2016

**PROSPECTIVE BIDDERS ARE ADVISED THAT THERE WILL BE A MANDATORY PRE-BID MEETING
TUESDAY MARCH 15, 2016 AT 2:30 P.M. IN THE DeIDOT ADMINISTRATION BUILDING,
800 BAY ROAD, DOVER, DELAWARE, 19903.**

COMPLETION TIME: 140 Calendar Days

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
DELAWARE DEPARTMENT OF TRANSPORTATION
AUGUST 2001

Bids will be received in the Bidder's Room at the Delaware Department of Transportation's Administration Building,
800 Bay Road, Dover, Delaware until 2:00 P.M. local time **April 5, 2016**

Contract No. T201453103.01

GENERAL DECISION: DE160005 02/19/2016 DE5

Superseded General Decision Number: DE20150005

State: DELAWARE

Construction Type: BUILDING

County(ies): New Castle County in Delaware

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 (or the applicable wage rates listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/08/2016
1	01/22/2016
2	02/19/2016

 ASBE0042-001 06/23/2014

	Rates	Fringes
Asbestos Worker/Heat and Frost Insulator	30.77	22.56

 BRDE0001-002 05/01/2015

	Rates	Fringes
Tile Finisher	23.25	17.38
Tle Setter	29.51	20.01

 BRDE0001-003 05/01/2015

	Rates	Fringes
Bricklayer	29.88	20.01

 CARP0454-005 05/01/2014

	Rates	Fringes
Piledriverman	40.55	30.52

Footnote: PAID HOLIDAYS: Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (provided the employee works the day before the holiday and the day after the holiday).

Contract No. T201453103.01

CARP0626-004	05/01/2015		
		Rates	Fringes
Carpenter (Including Acoustical Ceiling Install, Cabinet Install, Drywall Hanging and Siding Install)		30.87	21.69
Scaffold Building		31.62	21.69

CARP1823-006	05/01/2015		
		Rates	Fringes
Soft Floor Layers, Carpet & Vinyl		29.36	20.29

CARP 1906-006	05/01/2014		
		Rates	Fringes
MILLWRIGHT		34.95	30.13

ELEC0313-001	06/01/2015		
		Rates	Fringes
ELECTRICIAN		36.66	28.04

ENGI0542-001	05/01/2015		
		Rates	Fringes
OPERATING ENGINEERS:			
Backhoes, Bulldozers, Cranes			
Forklift, Graders, Loaders, and Scrapers		37.07	24.29+A
Roller		34.88	23.65+A

FOOTNOTE: A. PAID HOLIDAYS: New Year's Day, Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Christmas Day; and Election Day (provided the employee works the scheduled work day following the holiday)			

IRON0451-001	07/01/2015		
		Rates	Fringes
IRONWORKER			
Ornamental, Reinforcing Rigger and Structural		33.60	27.40

The following holidays shall be observed, and when work is performed thereon it shall be paid for at twice the base wage rate: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Contract No. T201453103.01

LABO0199-001 05/01/2014

Rates Fringes

LABORERS:

Brick Mason Tender, Cement/Concrete (Incl. Mason Tending) and Power Tool Operator	23.75	16.95
Common/Unskilled	23.50	16.95

 PAIN0021-017 05/01/2015

	Rates	Fringes
Glazier	40.60	28.05

 PAIN0021-020 05/01/2015

	Rates	Fringes
Painters: Brush and Roller	28.30	17.32

 PAIN0021-031 05/01/2015

	Rates	Fringes
Drywall Finishers	28.80	17.32

 PLAS0008-004 05/01/2015

	Rates	Fringes
Plasterer	36.42	26.25

 PLAS0592-034 05/01/2015

	Rates	Fringes
Cement Mason	30.79	20.58

Contract No. T201453103.01

PLUM0074-001 06/15/2015

	Rates	Fringes
Plumbers and Pipefitters (Including HVAC Pipe Work) (Automobile Plants and Refiners, Breweries and Distillers, Paper and Pulp and Steel Plants, Waste incinerators, Co-generating stations and Power houses)	47.33	32.05
(Office Buildings and schools, Hospitals and research and development sites, Shopping Malls, Corrections Institutions, Chemical, pharmaceutical, food process, water filtration, waste water and sewer disposal plants, pumping stations, microbreweries and cold storage facilities). All mechanical contract (labor, material equipment) Over \$5 Million dollars	47.33	32.05
All mechanical contracts (labor, material, equipment) of \$5 Million dollars or less	42.58	31.45

FOOTNOTE A: PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Labor Day, Christmas Day, and General Election Day.

ROOF0030-022 05/01/2015

	Rates	Fringes
Roofers, Including Waterproofing	33.65	28.15

SFDE0669-001 01/01/2016

	Rates	Fringes
Sprinkler Fitter	33.35	20.97

SHEE0019-003 01/01/2016

	Rates	Fringes
Sheet Metal Workers (HVAC Duct only)	31.27	33.87+A

FOOTNOTE A: PAID HOLIDAY: Election Day.

Contract No. T201453103.01

SUDE2007-002	08/16/2007		
		Rates	Fringes
ABATEMENT WORKER:			
Asbestos (Removal from Ceilings			
Floors, and Walls		18.68	6.89
PAINTER (Spray)		21.43	8.08
SHEETMETAL WORKER, Excludes			
HVAC Duct installation		28.17	17.94

WELDERS - Receive rate prescribed for craft performing operations to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of “identifiers” that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than “SU” or “UAVG” denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under an “SU” identifier indicated that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

LIST OF SUBCONTRACTORS

Contract: T201453103.01

In accordance with 29 Del. C. S6962(d)10a and 10b., a Pre-Bid Meeting was held on March 15, 2016 to select the subcontractor categories to be included in the bids for performing the work required for this contract.

This proposal is based on work to be performed by the Subcontractors listed below for the categories selected at the Pre-Bid Meeting.

A bid submitted in the name of an individual should list the individual names followed by T/A and the name of the company.

EXAMPLE: John Doe, T/A Doe Contracting Company

In accordance with Title 29, Subsection 6962(d)(10)b of the Delaware Code, a penalty of \$2,000.00 will be withheld from the successful bidder for each occurrence for the failure to utilize any or all of the Subcontractors set forth below:

<u>CATEGORIES</u>	<u>SUBCONTRACTOR</u>	<u>ADDRESS</u> <u>CITY AND STATE</u>
Electrical	_____	_____

Contract No. T201453103.01

1.6 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Fuses: One for every 10 of each type and rating but no fewer than one of each.
 - 2. Indicator Lamps: Two for every six of each type used, but no fewer than two of each.
 - 3. Filters: One set each of lubricating oil, fuel, and combustion-air filters.
 - 4. Tools: Each tool listed by part number in operations and maintenance manual.

1.7 QUALITY ASSURANCE

- A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved by manufacturer.
- B. Testing Agency Qualifications: Member company of NETA or an NRTL.
 - 1. Testing Agency's Field Supervisor: Certified by NETA to supervise on-site testing.

1.8 WARRANTY

- A. Manufacturer's Warranty: Manufacturer agrees to repair or replace components of packaged engine generators and associated auxiliary components that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Caterpillar, Inc.; Electric Power Division.
 - 2. Cummins Power Generation.
 - 3. MTU Onsite Energy Corporation.
 - 4. Kohler
 - 5. Generac Power Systems
 - 6. Or Approved Equal

Contract No. T201453103.01

be mechanically and electrically interlocked in both directions to prevent simultaneous connection to both power sources unless closed transition.

- K. Neutral Switching: Where four-pole switches are indicated, provide neutral pole switched simultaneously with phase poles.
- L. Heater: Equip switches exposed to outdoor temperatures and humidity, and other units indicated, with an internal heater. Provide thermostat within enclosure to control heater.
- M. Enclosures: General-purpose NEMA 250, Type 4X, complying with NEMA ICS 6 and UL 508, unless otherwise indicated.

2.2 CONTACTOR-TYPE AUTOMATIC TRANSFER SWITCHES

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Emerson.
 - 2. GE Zenith Controls.
 - 3. General Electric Company.
 - 4. Russelectric, Inc.
 - 5. Or Approved Equal
- B. Comply with Level 2 equipment according to NFPA 110.
- C. Switch Characteristics: Designed for continuous-duty repetitive transfer of full-rated current between active power sources.
 - 1. Limitation: Switches using molded-case switches or circuit breakers or insulated- case circuit-breaker components are unacceptable.
 - 2. Switch Action: Double throw; mechanically held in both directions.
 - 3. Contacts: Silver composition or silver alloy for load-current switching. Contactor- style automatic transfer-switch units, rated 600 A and higher, shall have separate arcing contacts.
 - 4. Conductor Connectors: Suitable for use with conductor material and sizes.
 - 5. Material: Hard-drawn copper, 98 percent conductivity.
 - 6. Main and Neutral Lugs: Mechanical type.
 - 7. Ground Lugs and Bus-Configured Terminators: Mechanical type.
 - 8. Connectors shall be marked for conductor size and type according to UL 1008.