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INFORMATION ONLY.  
YOU MUST PURCHASE  
THE PROPOSAL IN ORDER  
TO SUBMIT A BID.**



## DEPARTMENT OF TRANSPORTATION

### BID PROPOSAL

for

# CONTRACT T201280101.01

FABRIC BUILDING REINFORCEMENT

STATEWIDE COUNTY

**PROSPECTIVE BIDDERS ARE ADVISED THAT THERE WILL BE A MANDATORY PRE-BID MEETING FOR THIS CONTRACT ON JULY 11, 2011 at 10:30 A.M. IN THE DeIDOT ADMINISTRATION CENTER, 800 BAY ROAD, U.S. ROUTE 113 SOUTH, DOVER, DELAWARE, 19901.**

Completion Date 75 Calendar Days

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

Bids will be received in the Bidder's Room (B1.11.01), Transportation Administration Center, 800 Bay Road, Dover, Delaware until 2:00 P.M. local time August 2, 2011



**FABRIC BUILDING REINFORCEMENT  
STATEWIDE COUNTY**

**LOCATION**

These improvements are located in STATEWIDE County more specifically shown on the Location Map(s) of the enclosed Plans.

**DESCRIPTION**

The improvements consist of furnishing all materials for THIS PROJECT CONSISTS OF STRUCTURAL IMPROVEMENTS/REPAIRS TO THE THREE EXISTING FABRIC BUILDINGS WHICH ARE CURRENTLY USED FOR SALT STORAGE. THE IMPROVEMENTS CONSIST OF REPLACING SOME SUPPORTS AND BRACING (DETAILED ON THE DRAWINGS), AND ALSO SOME NEW BRACING. IT ALSO INCLUDES THE INSTALLATION OF NEW SUPPORT BUTTRESSES FOR THE FOUNDATION AT THE TRUSS LOCATIONS. THE BUTTRESS SUPPORTS SHALL BE PROTECTED WITH CONCRETE BOLLARDS. THE CRACKS IN THE INTERIOR FOUNDATION WALLS SHALL BE REPAIRED WITH AN EPOXY PRESSURE INJECTION. THEN THE ENTIRE INTERIOR FOUNDATION WALLS SHALL BE PRESSURE WASHED AND PAINTED WITH EPOXY PAINT. THE LOWER TRUSS MEMBERS SHALL BE REPLACED AS NECESSARY AND THEN THE BOTTOM 3 FEET OF ALL TRUSS MEMBERS AND ENDWALL POSTS SHALL BE SANDBLASTED AND PAINTED WITH A BITUMINOUS PAINT., and other incidental construction in accordance with the location, notes and details shown on the plans and as directed by the Engineer.

**COMPLETION DATE**

All work on this contract must be complete within 75 Calendar Days .

**ELECTRONIC BIDDING**

This project incorporates the electronic bidding system Expedite 5.2b. Bidder wishing to use the electronic bidding option should request a bid file disk and installation CD.

**PROSPECTIVE BIDDERS NOTE:**

No retainage will be withheld on this contract.

The Department has adopted an External Complaint Procedure. The procedure can be viewed on our website at; <http://www.deldot.gov/information/business/>, or you may request a copy by calling (302) 760-2555.

**STATE OF DELAWARE  
CONSTRUCTION ITEMS UNITS OF MEASURE**

<b>English Code</b>	<b>English Description</b>	<b>Multiply By</b>	<b>Metric Code</b>	<b>Metric Description</b>	<b>Suggested CEC Metric Code</b>
ACRE	Acre	0.4047	ha	Hectare	HECTARE
BAG	Bag	N/A	Bag	Bag	BAG
C.F.	Cubic Foot	0.02832	m <sup>3</sup>	Cubic Meter	M3
C.Y.	Cubic Yard	0.7646	m <sup>3</sup>	Cubic Meter	M3
EA-DY	Each Day	N/A	EA-DY	Each Day	EA-DY
EA-MO	Each Month	N/A	EA-MO	Each Month	EA-MO
EA/NT	Each Night	N/A	EA-NT	Each Night	EA/NT
EACH	Each	N/A	EA	Each	EACH
GAL	Gallon	3.785	L	Liter	L
HOUR	Hour	N/A	h	Hour	HOUR
INCH	Inch	25.4	mm	Millimeter	MM
L.F.	Linear Foot	0.3048	m	Linear Meter	L.M.
L.S.	Lump Sum	N/A	L.S.	Lump Sum	L.S.
LA-MI	Lane Mile	1.609	LA-km	Lane-Kilometer	LA-KM
LB	Pound	0.4536	kg	Kilogram	KG
MFBM	Thousand Feet of Board Measure	2.3597	m <sup>3</sup>	Cubic Meter	M3
MGAL	Thousand Gallons	3.785	kL	Kiloliter	KL
MILE	Mile	1.609	km	Kilometer	KM
S.F.	Square Foot	0.0929	m <sup>2</sup>	Square Meter	M2
S.Y.	Square Yard	0.8361	m <sup>2</sup>	Square Meter	M2
SY-IN	Square Yard-Inch	0.8495	m <sup>2</sup> -25 mm	Square Meter-25 Millimeter	M2-25 MM
TON	Ton	.9072	t	Metric Ton (1000kg)	TON
N.A.*	Kip	4.448	kN	Kilonewton	N.A.*
N.A.*	Thousand Pounds per Square Inch	6.895	MPa	Megapascal	N.A.*

\*Not used for units of measurement for payment.

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Contract No. T201280101.01

**GENERAL NOTICES**

SPECIFICATIONS:

The specifications entitled "Delaware Standard Specifications, for Road and Bridge Construction, August, 2001", hereinafter referred to as the Standard Specifications, Supplemental Specifications issued as of the advertisement date of this proposal, the Special Provisions, notes on the Plans, this Bid Proposal, and any addenda thereto shall govern the work to be performed under this contract.

CLARIFICATIONS:

Under any Section or Item included in the Contract, the Contractor shall be aware that when requirements, responsibilities, and furnishing of materials are outlined in the details and notes on the Plans and in the paragraphs preceding the "Basis of Payment" paragraph in the Standard Specifications or Special Provisions, no interpretation shall be made that such stipulations are excluded because reiteration is not made in the "Basis of Payment" paragraph.

ATTESTING TO NON-COLLUSION:

The Department requires as a condition precedent to acceptance of bids a sworn statement executed by, or on behalf of, the person, firm, association, or corporation to whom such contract is to be awarded, certifying that such person, firm, association, or corporation has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract. The form for this sworn statement is included in the proposal and must be properly executed in order to have the bid considered.

REQUIREMENT BY DEPARTMENT OF LABOR FOR SWORN PAYROLL INFORMATION

Delaware Code, Title 29, Chapter 69, Section 6960, Paragraph (c)

"(c) Every contract based upon these specifications shall contain a stipulation that certified sworn payroll reports be maintained by every contractor and subcontractor performing work upon the site of construction. The contractor and subcontractor shall keep and maintain the sworn payroll information for a period of two (2) years from the last day of the work week covered by the payroll. A certified copy of these payroll reports shall be made available:

1. For inspection or furnished upon request to a representative of the Department of Labor;
2. Upon request by the public or for copies thereof. However, a request by the public must be made through the Department of Labor. The requesting party shall, prior to being provided the records, reimburse the costs of preparation by the Department of Labor in accordance with the Department's copying fee policy. The public shall not be given access to the records at the principal office of the contractor or subcontractor; and
3. The certified payroll records shall be on a form provided by the Department of Labor or shall contain the same information as the form provided by the Department and shall be provided within ten (10) days from receipt of notice requesting the records from the Department of Labor."

Contractor may contact:

Department of Labor  
Division of Industrial Affairs  
4425 No. Market Street  
Wilmington, DE 19802

Telephone (302) 761-8200

PREFERENCE FOR DELAWARE LABOR:

Delaware Code, Title 29, Chapter 69, Section 6962, Paragraph (d), Subsection (4)b

"In the construction of all public works for the State or any political subdivision thereof, or by firms contracting with the State or any political subdivision thereof, preference in employment of laborers, workmen or mechanics shall be given to bona fide legal citizens of the State who have established citizenship by residence of at least 90 days in the State. Each public works contract for the construction of public works for the State or any political subdivision thereof shall contain a stipulation that any person, company or corporation who violates this section shall pay a penalty to the Secretary of Finance equal to the amount of compensation paid to any person in violation of this section."

EQUALITY OF EMPLOYMENT OPPORTUNITY ON PUBLIC WORKS:

Delaware Code, Title 29, Chapter 69, Section 6962, Paragraph (d), Subsection (7)

"a. As a condition of the awarding of any contract for public works financed in whole or in part by State appropriation, such contracts shall include the following provisions:

During the performance of this contract, the contractor agrees as follows:

1. The contractor will not discriminate against any employee or applicant for employment because of race, creed, color, sex or national origin. The contractor will take positive steps to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, sex or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places available to employees and applicants for employment notices to be provided by the contracting agency setting forth this nondiscrimination clause.

2. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, sex or national origin.'

TAX CLEARANCE:

As payments to each vendor or contractor aggregate \$2,000, the Division of Accounting will report such vendor or contractor to the Division of Revenue, who will then check the vendor or contractor's compliance with tax requirements and take such further action as may be necessary to insure compliance.

LICENSE:

A person desiring to engage in business in this State as a contractor shall obtain a license upon making application to the Division of Revenue. Proof of said license compliance to be made prior to, or in conjunction with, the execution of a contract to which he has been named.

DIFFERING SITE CONDITIONS,

SUSPENSIONS OF WORK and SIGNIFICANT CHANGES IN THE CHARACTER OF WORK:

Differing site conditions: During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the contract or if unknown physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the contract are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before they are disturbed and before the affected work is performed.

Upon written notification, the engineer will investigate the conditions, and if he/she determines that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the contract, an adjustment, excluding loss of anticipated profits, will be made and the contract modified in writing accordingly. The engineer will notify the contractor of his/her determination whether or not an adjustment of the contract is warranted.

No contract adjustment which results in a benefit to the contractor will be allowed unless the contractor has provided the required written notice.

No contract adjustment will be allowed under their clause for any effects caused on unchanged work.

Suspensions of work ordered by the engineer: If the performance of all or any portion of the work is suspended or delayed by the engineer in writing for an unreasonable period of time (not originally anticipated, customary or inherent to the construction industry) and the contractor believes that additional compensation and/or contract time is due as a result of such suspension or delay, the contractor shall submit to the engineer in writing a request for adjustment within 7 calendar days of receipt of the notice to resume work. The request shall set forth the reasons and support for such adjustment.

Upon receipt, the engineer will evaluate the contractor's request. If the engineer agrees that the cost and/or time required for the performance of the contract has increased as a result of such suspension and the suspension was caused by conditions beyond the control of and not the fault of the contractor, its suppliers, or subcontractors at any approved tier, and not caused by weather, the engineer will make an adjustment (excluding profit) and modify the contract in writing accordingly. The engineer will notify the contractor of his/her determination whether or not an adjustment of the contract is warranted.

No contract adjustment will be allowed unless the contractor has submitted the request for adjustment within the time prescribed.

No contract adjustment will be allowed under this clause to the extent that performance would have been suspended or delayed by any other cause, or for which an adjustment is provided for or excluded under any other term or condition of this contract.

Significant changes in the character of work: The engineer reserves the right to make, in writing, at any time during the work, such changes in quantities and such alterations in the work as are necessary to satisfactorily

complete the project. Such changes in quantities and alterations shall not invalidate the contract nor release the surety, and the contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the work under the contract, whether or not changed by any such different quantities or alterations, an adjustment, excluding loss of anticipated profits, will be made to the contract. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the contractor in such amount as the engineer may determine to be fair and equitable.

The term "significant change" shall be construed to apply only to the following circumstances:

- (A) When the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction or
- (B) When a major item of work, as defined elsewhere in the contract, is increased in excess of 125 percent or decreased below 75 percent of the original contract quantity. Any allowance for an increase in quantity shall apply only to that portion in excess of 125 percent of original contract item quantity, or in case of a decrease below 75 percent, to the actual amount of work performed.

#### PREVAILING WAGES

Included in this proposal are the minimum wages to be paid various classes of laborers and mechanics as determined by the Department of Labor of the State of Delaware in accordance with Title 29 Del.C. §6960, relating to wages and the regulations implementing that Section.

Title 29 Del.C. §6960 relating to wages further stipulates "that the employer shall pay all mechanics and laborers employed directly upon the site of the work, unconditionally and not less often than once a week and without subsequent deduction or rebate on any account, the full amounts accrued at time of payment, computed at wage rates not less than those stated in the specifications, regardless of any contractual relationship which may be alleged to exist between the employer and such laborers and mechanics", and ... "that the scale of wages to be paid shall be posted by the employer in a prominent and easily accessible place at the site of the work, and that there may be withheld from the employer so much of accrued payments as may be considered necessary by the Department of Labor to pay to laborers and mechanics employed by the employer the difference between the rates of wages required by the contract to be paid laborers and mechanics on the work and rates of wages received by such laborers and mechanics to be remitted to the Department of Labor for distribution upon resolution of any claims."

Bidders are specifically directed to note the Department of Labor's regulations implementing §6960 relating to the effective date of the wage rates, at Part VI., Section C., which in relevant part states:

"Public agencies (covered by the provisions of 29 Del.C. §6960) are required to use the rates which are in effect on the date of the publication of specifications for a given project. In the event that a contract is not executed within one hundred twenty (120) days from the date the specifications were published, the rates in effect at the time of the execution of the contract shall be the applicable rates for the project."

**STATE OF DELAWARE PREVAILING WAGE RATES**

PREVAILING WAGE DETERMINATION - Building Construction

Delaware Department of Labor  
 Division of Industrial Affairs  
 Office of Labor Law Enforcement  
 Phone: 302 451-3423

Mailing Address:  
 225 Corporate Boulevard  
 Suite 104  
 Newark, DE 19702

Located at:  
 225 Corporate Boulevard  
 Suite 104  
 Newark, DE 19702

Prevailing Wages for **BUILDING CONSTRUCTION** Effective March 15, 2010

<u>Classification</u>	<u>New Castle County</u>	<u>Kent County</u>	<u>Sussex County</u>
Asbestos Workers	\$36.66	\$35.35	\$46.38
Boilermakers	\$63.07	\$17.85	\$48.83
Bricklayers	\$43.48	\$43.48	\$43.48
Carpenters	\$47.56	\$47.56	\$37.87
Cement Finishers	\$43.45	\$43.45	\$19.05
Electrical Line Workers	\$43.49	\$37.29	\$28.44
Electricians	\$55.35	\$55.35	\$55.35
Elevator Constructors	\$64.17	\$40.93	\$30.55
Glaziers	\$60.45	\$60.45	\$54.20
Insulators	\$48.38	\$48.38	\$48.38
Iron workers	\$55.78	\$55.78	\$37.22
Laborers	\$36.10	\$36.10	\$36.10
Millwrights	\$58.65	\$58.65	\$45.21
Painters	\$39.17	\$39.17	\$39.17
Piledrivers	\$64.37	\$37.64	\$30.45
Plasterers	\$28.40	\$28.40	\$28.40
Plumbers/Pipefitters/Steamfitters	\$54.27	\$37.24	\$32.71
Power Equipment Operators	\$53.31	\$53.31	\$26.00
Roofers - Compositon	\$22.19	\$21.54	\$18.63
Roofers - Shingle, Slate & Tile	\$17.52	\$17.50	\$16.45
Sheetmetal Workers	\$61.53	\$61.53	\$61.53
Soft Floor Layers	\$43.42	\$43.42	\$41.56
Sprinkler Fitters	\$49.30	\$49.30	\$49.30
Terrazzo/Marble/Tile Finishers	\$48.95	\$48.95	\$45.45
Terrazzo/Marble/Tile Setters	\$56.43	\$56.43	\$52.63
Truck Drivers	\$23.19	\$21.59	\$17.99

CERTIFIED: April 11, 2011

BY: Signature on file  
 ANTHONY J. DELUCA, ADMINISTRATOR  
 LABOR LAW ENFORCEMENT SECTION

**NOTICE TO CONTRACTORS**

Contract No. T201280101.01

**SUPPLEMENTAL SPECIFICATIONS  
TO THE  
AUGUST 2001  
STANDARD SPECIFICATIONS**

**EFFECTIVE AS OF THE ADVERTISEMENT  
DATE OF THIS PROPOSAL  
AND INCLUDED BY REFERENCE**

**The Supplemental Specifications can be viewed and printed from  
the Department's Website.**

To access the Website;

- in your internet browser, enter; <http://www.deldot.gov>
- on the left side of the page under 'INFORMATION', Click; 'Publications'
- scroll down under 'MANUALS' and Click; "Standard Specifications 2001"

The full Website Link is;

[http://www.deldot.gov/information/pubs\\_forms/manuals/standard\\_specifications/index.shtml](http://www.deldot.gov/information/pubs_forms/manuals/standard_specifications/index.shtml)

Printed copies of the Supplemental Specifications are available upon request. A printed copy of the above referenced Supplemental Specifications will be included in the final contract documents upon award.

**The Contractor shall make himself aware of these revisions and corrections (Supplemental Specifications), and apply them to the applicable item(s) of this contract.**

Contract No. T201280101.01

# **SPECIAL PROVISIONS**

Contract No. T201280101.01

**CONSTRUCTION ITEM NUMBERS**

All construction pay items are assigned a six (6) digit number, shown as Item Number on the Plans and/or in the Special Provisions, and shall be interpreted in accordance with the following:

**Standard Item Number:**

The first three digits of the construction item numbers indicates the Section number as described in the Standard Specifications, and all applicable requirements of the Section shall remain effective unless otherwise modified by the Special Provisions. The last three digits of the construction item identifies the item by sequential number under that Section. Sequential numbers for all items covered under Standard Specifications range from 000 to 499. A comprehensive list of construction item numbers begins on page 421 of the Standard Specifications. Additions to this list will be made as required.

**Special Provisions Item Number:**

The first three digits of the construction items, covered under Special Provisions, indicates the applicable Section number of the Standard Specifications, and shall be governed fully by the requirements of the Special Provisions. The last three digit of the items covered under Special Provisions identifies the item by sequential number. Sequential numbers for Special Provision items, range from 500 to 999.

Examples

**Standard Item Number - 202000 Excavation and Embankment**

202 Indicates Section Number

000 Indicates Sequential Number

**Special Provision Item Number - 202500 Grading and Reshaping Roadway**

202 Indicates Section Number

500 Indicates Sequential Number

**602514 - REPAIR OF CONCRETE STRUCTURE BY EPOXY INJECTION**

**Description:**

This work consists of furnishing all materials and repairing cracks in concrete structures by means of an epoxy injection system in accordance with the Plans and as directed by the Engineer.

**Materials:**

The epoxy injection system shall consist of a non-sag epoxy bonder to seal the surface cracks, and an injection epoxy used under low pressure to penetrate and fill the cracks, and bond the crack surfaces together.

The epoxy injection system shall be MARK-8 Non-sag epoxy bonder and Mark 10 injection epoxy manufactured by POLY-CARB, or NO. 22 Epoxy Paste and NO. 4 Eva - Pox manufactured by E-poxy Industries, Inc., or Duralcrete Gel and Duralcrete LV injection epoxy manufactured by Dural International Corporation, or Sikadur 33 and Sikadur 35 Hi - Mod LV injection epoxy, manufactured by Sika Corporation, or Nitobond Epoxy Gel and Nitobond ULV manufactured by Fosroc, Inc., or Approved equal. The Contractor shall furnish a copy of the comprehensive preparation and application instructions prior to the actual application, which have been developed by the manufacturer for use with the proposed epoxy bonder and epoxy injection system.

**Construction Methods:**

The Contractor shall arrange to have a manufacturer's representative at the job site to familiarize him/her and the Engineer with the epoxy materials and application procedures. The representative shall direct at least the repair of one complete crack with epoxy bonder and epoxy injection, to assure that personnel are adequately informed to satisfactorily perform the remaining repairs prior to his/her departure. There shall be no separate payment for such arrangements, and the cost shall be incidental to the item.

Concrete surfaces adjacent to the cracks to be sealed shall be cleaned to the extent necessary to achieve an adequate bond with epoxy bonder, and only by approved procedures which will not cause abrasive grit or concrete dust to get into the cracks. The use of solvents or thinners in cracks or on the bonding surfaces will not be permitted.

Dimensions of epoxy bonder to be used to seal the cracks shall be a maximum of 1/16" (1.6 mm) thick and 1" (25 mm) wide. Cracks to be injected shall have injection ports or tees installed in them. Unless otherwise specified on the Plans or directed by the Engineer, injection ports or tees shall be spaced at 6" (150 mm) to 12" (300 mm) for vertical repair and 6" (150 mm) to 18" (450 mm) for horizontal repair, but in no case closer together than the thickness of the concrete member if full depth penetration is desired. However, in certain cases, depth and spacing of holes at injection ports or tees shall be established with due consideration of the crack widths and depths compatible with flow characteristics of the epoxy and injection pressure to ensure that no further damage will be done to the member being repaired.

Ports or tees shall be set in dust free holes made either with vacuum drills or chipping hammers. After injection ports or tees have been inserted into the holes, all surface cracks in the area to be repaired shall be sealed with epoxy bonder between ports to ensure retention of the pressure injected epoxy within the confines of the member. The application of epoxy bonder shall be limited to clean and dry surfaces, and substrate temperatures shall be limited to not less than 10 degrees Celsius during epoxy application.

The Contractor shall follow the manufacturer's recommendations for surface preparation, mixing of the components of the bonder epoxy and injection epoxy system, surface sealing and applications and all other works. If there is conflict between these specifications and the manufacturer's recommendations, the latter will prevail.

**Method of Measurement:**

The quantity of epoxy injection will be measured as the number of gallons (liters) (final product obtained after mixing component A and component B) injected and accepted. The non-sag epoxy bonder for sealing the crack surface areas shall not be measured and the cost shall be included in the unit price bid for this item.

**Basis of Payment:**

The quantity of epoxy injection will be paid for at the Contract unit price per gallon (liter). Price and payment shall include full compensation for furnishing all materials, surface preparation, application, cleaning the areas of spills and other contaminates, abrading the concrete surface areas, for all tools, equipment, labor, and all necessary incidentals to complete the work. Material wasted by the Contractor shall not be measured or paid.

5/24/11

**602792 – BASE TRUSS REPLACEMENT**

**Description:**

This work consists of providing all materials, labor, and equipment necessary to remove and replace the bottom section of roof truss where the existing roof truss has experienced a noticeable deterioration or section loss for each building and all else necessary to provide the work complete as indicated in the Contract Drawings.

**Materials and Construction:**

All materials and construction shall conform to the requirements of the Contract Drawings and any technical specifications referenced.

**Method of Measurement:**

Payment for this item will be made per each truss section actually replaced per the unit price bid.

**Basis of Payment:**

Payment will be made at the Contract unit price bid for this item. No sections shall be replaced unless directed by the engineer for replacement. The price bid shall include the cost for performing the work specified and furnishing all labor, materials, tools, equipment and incidentals necessary to provide a complete, working and usable facility acceptable to the Engineer.

5/23/11

**605759 – PAINTING, EPOXY SYSTEMS**

**Description:**

This work consists of providing all materials, labor, and equipment necessary to paint the interior surface of the foundation wall for each building with an epoxy paint. It shall also include pressure washing and prepping the surface prior to application of the paint and all else necessary to provide the work complete as indicated in the Contract Drawings.

**Materials and Construction:**

All materials and construction shall conform to the requirements of the Contract Drawings and any technical specifications referenced.

**Method of Measurement:**

Payment for this item will be made on a unit price basis and will be calculated based upon the actual square footage of wall painted.

**Basis of Payment:**

Payment will be made at the unit price bid for this item. The price bid shall include the cost for performing the work specified and furnishing all labor, materials, tools, equipment and incidentals necessary to provide a complete, working and usable facility acceptable to the Engineer.

5/23/11

**605760 – PAINTING, BITUMINOUS SYSTEMS**

**Description:**

This work consists of providing all materials, labor, and equipment necessary to paint the bottom three feet of the endwall posts and trusses for each building with a bituminous coating. It shall also include sand blasting and prepping the surface prior to application of the paint and all else necessary to provide the work complete as indicated in the Contract Drawings.

**Materials and Construction:**

All materials and construction shall conform to the requirements of the Contract Drawings and any technical specifications referenced.

**Method of Measurement:**

Payment for this item will be made on a lump sum basis wherein no measurement will be made.

**Basis of Payment:**

Payment will be made at the lump sum price bid for this item. The price bid shall include the cost for performing the work specified and furnishing all labor, materials, tools, equipment and incidentals necessary to provide a complete, working and usable facility acceptable to the Engineer.

5/23/11

**720556 - BOLLARD**

**Description:**

This work consists of furnishing and installing steel pipe bollard in accordance with the notes, Standard Construction Details and as directed by the Engineer.

**Materials and Construction Methods:**

The bollard shall be made of 6 inch diameter schedule 40 steel pipe.

Concrete shall be Class B conforming to the requirements of Section 612.

The steel pipe shall be covered with a yellow plastic cover with two red/orange reflective stripes along the top.

**Method of Measurement:**

The quantity of bollards will be measured as the actual number of bollards installed and accepted.

**Basis of Payment:**

The quantity of bollards will be paid for at the Contract unit price per each. Price and payment will constitute full compensation for furnishing and placing all materials, including steel pipe, concrete, plastic cover, pavement patching, sawcutting existing pavement, excavation, backfilling, disposing of the surplus material, for all labor, tools, equipment and necessary incidentals to complete the work.

5/23/11

**763569 - BUILDINGS**

**Description:**

This work consists of the structural improvements for the three existing fabric buildings. The improvements consist of providing all materials, labor, and equipment necessary to remove and dispose of various endwall posts and pipe bridging, installation of new pipe bridging, web members, and wire rope bracing complete including bolts, connectors, turnbuckles, clamps and all else necessary for installation, and the removal and replacement of the existing fabric as necessary for construction. Also included in this bid item is the installation of the new buttress supports complete, including the pipe, concrete foundation, rebar, grout, steel angles and plates, bolts, excavation, patching damaged pavement and all else necessary to provide the work complete as indicated in the Contract Drawings.

**Materials and Construction:**

All materials and construction shall conform to the requirements of the Contract Drawings and any technical specifications referenced.

**Mandatory Pre-Bid Meeting:**

All bidders must be represented at the Mandatory Pre-Bid Meeting(s) for this contract. The meeting information is provided on the first page of this contract (page i). The bidder's representative must sign-in and identify the name of the bidder they represent.

Failure to sign-in with the bidder's company name at the Mandatory Pre-Bid Meeting will result in the bidder being found non-responsible and non-responsive, and their bid will be rejected.

**Method of Measurement:**

Payment for this item will be made on a lump sum basis wherein no measurement will be made.

**Basis of Payment:**

Payment will be made at the Lump Sum price bid for this item and per the breakout sheet. The price bid shall include the cost for performing the work specified and furnishing all labor, materials, tools, equipment and incidentals necessary to provide a complete, working and usable facility acceptable to the Engineer.

**Note:**

A breakout sheet is attached to the proposal that lists the locations of the fabric buildings. The Contractor shall specify a cost for each location. The lump sum price for Item 763569 - Buildings shall be the sum of the cost for all locations listed. Failure to submit the breakout sheet with the Bid Proposal will result it being declared non responsive and rejected.

5/23/11

# **BID PROPOSAL FORMS**

CONTRACT   T201280101.01



CONTRACT ID: T201280101.01 PROJECT(S): T201280101

All figures must be typewritten.

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS CTS	BID AMOUNT DOLLARS CTS
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SECTION 0001 DAGSBORO STRUCTURAL IMPROVEMENTS

0010	763569 BUILDINGS STRUCTURAL SUPPORT REPLACEMENT/ADDITION	LUMP	LUMP	
	SECTION 0001 TOTAL			

SECTION 0002 BOLLARDS

0020	720556 BOLLARD BOLLARDS	EACH	50.000	
	SECTION 0002 TOTAL			

SECTION 0003 PAINT INTERIOR FOOTER WALL, EPOXY

0030	605759 PAINTING, EPOXY SYSTEM EPOXY PAINT	SF	7600.000	
	SECTION 0003 TOTAL			

SECTION 0004 SANDBLAST & PAINT BASE TRUSSES, BITUMINOUS

0040	605760 PAINTING, BITUMINOUS SYSTEM SANDBLAST & BITUMINOUS PAINT TRUSS BASES	LUMP	LUMP	
	SECTION 0004 TOTAL			



CONTRACT ID: T201280101.01 PROJECT(S): T201280101

All figures must be typewritten.

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS CTS	BID AMOUNT DOLLARS CTS
---------	------------------	----------------------------	------------------------	------------------------

SECTION 0005 PRESSURE INJECT CRACKS

0050	602514 REPAIR OF CONCRETE STRUCTURES BY EPOXY INJECTION CRACK INJECTION	10.000 GAL		
	SECTION 0005 TOTAL			

SECTION 0006 REPLACE TRUSS BASES

0060	602792 BASE TRUSS REPLACEMENT REPLACE CORRODED BASE TRUSSES	6.000 EACH		
	SECTION 0006 TOTAL			

SECTION 0007

0070	763000 INITIAL EXPENSE INITIAL EXPENSE	LUMP	LUMP	
	SECTION 0007 TOTAL			

	TOTAL BID			
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CANNOT BE USED FOR BIDDING



LIST OF SUBCONTRACTORS

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

July 11, 2011 at 10:30 AM.

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>
<u>Steel work</u>		
<u>Painting</u>		
<u>Crack Injection</u>		
<u>Tensioning membrane</u>		
<u>Demolition of roof</u>		



CANNOT BE

## **BREAKOUT SHEETS**

THE FOLLOWING SHEETS MUST BE COMPLETED AND RETURNED WITH THE PROPOSAL AT THE TIME OF BID. FAILURE TO COMPLETE THE BREAKOUT SHEETS AS REQUIRED WILL RESULT IN THE BID BEING DECLARED NON-RESPONSIVE AND WILL NOT BE CONSIDERED. BREAKOUT SHEETS MUST BE COMPLETED REGARDLESS OF WHETHER BIDDING BY ELECTRONIC MEANS OR TYPEWRITTEN HARD COPY.

BIDDING



CANNOT BE

SECTION 1		BREAKOUT SHEET - 1		CONTRACT NO. T201280101	
ITEM 763569 - BUILDINGS					
ITEM NO.	APPROX. QTY.	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
1	1	LS	Dagsboro Building Improvements	\$	\$
2	1	LS	Magnolia Building Improvements	\$	\$
3	1	LS	Smyrna Building Improvements	\$	\$
TOTAL ITEM 763569 - BUILDINGS \$ _____ (LUMP SUM BID PRICE FOR ITEM 763569)					

BIDDING



# "ATTENTION"

## TO BIDDERS

This Bid Proposal includes breakout sheets. The breakout sheets **MUST ACCOMPANY** the bid proposal at the time of bid. Failure to return completed breakout sheets **WILL RESULT** in the bid proposal being declared non-responsive and **REJECTED** as irregular.



## SUBMISSIONS REQUIRED AT THE TIME OF BID

1. Copy(ies) of the American Traffic Safety Services Association (ATSSA) Certification(s) when listed in the applicable plan notes
2. Standard Specification Section 110.08 Site Reviewer requires that the name and DNREC certification number of each Site Reviewer if required shall be submitted to the Department at the time of bid. The level of certification and number required are listed in the applicable plan notes.
3. Proposed Trainee Plans as required. Number of required programs is listed in the Training Special Provisions within Contract General Notices. The program(s) must be submitted with 10 Calendar Days of notification of apparent low bidder status. Contract Award will not take place until acceptable On-the-Job (OJT) program plans are received by the Civil Rights Group of the Department.

Note: Items 1. and 2. above require copies of the current certifications for those individuals proposed for use on this Contract

Failure of the apparent low bidder to present copies of the required certifications and/or an acceptable OJT Trainee Programs within ten (10) calendar days after the bid opening shall create a rebuttable presumption that the bid is not responsive.

CANNOT BE  
USED FOR  
BIDDING



**CERTIFICATION**

Contract No. T201280101.01

The undersigned bidder, \_\_\_\_\_ whose address is \_\_\_\_\_  
\_\_\_\_\_ and telephone number is \_\_\_\_\_  
\_\_\_\_\_ hereby certifies the following:

I/We have carefully examined the location of the proposed work, the proposed plans and specifications, and will be bound, upon award of this contract by the Department of Transportation, to execute in accordance with such award, a contract with necessary surety bond, of which contract this proposal and said plans and specifications shall be a part, to provide all necessary machinery, tools, labor and other means of construction, and to do all the work and to furnish all the materials necessary to perform and complete the said contract within the time and as required in accordance with the requirements of the Department of Transportation, and at the unit prices for the various items as listed on the preceding pages.

The foregoing quantities are considered to be approximate only and are given as the basis for comparison of bids. The Department of Transportation may increase or decrease the amount of any item or portion of the work as may be deemed necessary or expedient. Any such increase or decrease in the quantity for any item will not be regarded as a sufficient ground for an increase or decrease in the unit prices, nor in the time allowed for the completion of the work, except as provided in the contract.

Accompanying this proposal is a surety bond or a security of the bidder assigned to the Department of Transportation, for at least ten (10) percentum of total amount of the proposal, which deposit is to be forfeited as liquidated damages in case this proposal is accepted, and the undersigned shall fail to execute a contract with necessary bond, when required, for the performance of said contract with the Department of Transportation, under the conditions of this proposal, within twenty (20) days after date of official notice of the award of the contract as provided in the requirement and specifications hereto attached; otherwise said deposit is to be returned to the undersigned.

I/We are licensed, or have initiated the license application as required by Section 2502, Chapter 25, Title 30, of the Delaware Code.

By submission of this proposal, each bidder and each person signing on behalf of any bidder, certifies as to its own organization, under penalty of perjury, that to the best of each signer's knowledge and belief:

1. The prices in this proposal have been arrived at independently without collusion, consultation, communication, or Agreement with any other bidder or with any competitor for the purpose of restricting competition.
2. Unless required by law, the prices which have been quoted in this proposal have not been knowingly disclosed and will not knowingly be disclosed by the bidder, directly or indirectly, to any other bidder or competitor prior to the opening of proposals.
3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a proposal for the purpose of restricting competition.

I/We acknowledge receipt and incorporation of addenda to this proposal as follows:

No.	Date								
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**(FAILURE TO ACKNOWLEDGE RECEIPT OF ALL ADDENDA WILL RESULT IN THE BID BEING DECLARED NON-RESPONSIVE.)**

Sealed and dated this \_\_\_\_\_ day of \_\_\_\_\_ in the year of our Lord two thousand and \_\_\_\_\_  
\_\_\_\_\_ ( 20\_\_ ).

\_\_\_\_\_  
Name of Bidder (Organization)

Corporate  
Seal

By:

\_\_\_\_\_  
Authorized Signature

Attest \_\_\_\_\_

\_\_\_\_\_  
Title

SWORN TO AND SUBSCRIBED BEFORE ME this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary  
Seal

\_\_\_\_\_  
Notary

**BID BOND**

TO ACCOMPANY PROPOSAL  
(Not necessary if security is used)

KNOW ALL MEN BY THESE PRESENTS That: \_\_\_\_\_  
of \_\_\_\_\_ in the County of \_\_\_\_\_ and State of \_\_\_\_\_  
as **Principal**, and \_\_\_\_\_ of \_\_\_\_\_ in the  
County of \_\_\_\_\_ and State of \_\_\_\_\_ as **Surety**, legally authorized to do business in the State  
of Delaware ("**State**"), are held and firmly unto the **State** in the sum of \_\_\_\_\_  
Dollars (\$ \_\_\_\_\_), or \_\_\_\_\_ percent not to exceed \_\_\_\_\_  
Dollars (\$ \_\_\_\_\_) of amount of bid on  
Contract No. \_T201280101.01\_, to be paid to the **State** for the use and benefit of its Department of  
Transportation ("**DelDOT**") for which payment well and truly to be made, we do bind ourselves, our and  
each of our heirs, executors, administrators, and successors, jointly and severally for and in the whole  
firmly by these presents.

NOW THE CONDITION OF THIS OBLIGATION IS SUCH That if the above bounden  
**Principal** who has submitted to the **DelDOT** a certain proposal to enter into this contract for the  
furnishing of certain materiel and/or services within the **State**, shall be awarded this Contract, and if said  
**Principal** shall well and truly enter into and execute this Contract as may be required by the terms of this  
Contract and approved by the **DelDOT**, this Contract to be entered into within twenty days after the date  
of official notice of the award thereof in accordance with the terms of said proposal, then this obligation  
shall be void or else to be and remain in full force and virtue.

Sealed with \_\_\_\_\_ seal and dated this \_\_\_\_\_ day of \_\_\_\_\_ in the year of our Lord two thousand and  
( 20\_\_ ).

SEALED, AND DELIVERED IN THE  
presence of

\_\_\_\_\_  
Name of Bidder (Organization)

Corporate  
Seal

By: \_\_\_\_\_  
Authorized Signature

Attest \_\_\_\_\_

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name of **Surety**

Witness: \_\_\_\_\_

By: \_\_\_\_\_

\_\_\_\_\_  
Title

