

Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

Sealed proposals for: Prestressed Concrete Cylinder Pipe, Bid #14-1415R

will be received until <u>2:00 p.m. Wednesday, May 7, 2014</u> in the Purchasing Division, New Castle County Government Center, 87 Read's Way, New Castle, DE 19720 (Telephone: 302-395-5250).

Minority and Women-owned Business Enterprises (MWBE) will be afforded full opportunity to submit proposals, and will not be subject to discrimination on the basis of race, color, national origin, sex, religion, age, disability, or sexual orientation in the consideration of this award.

#### INSTRUCTIONS TO BIDDERS

Bid envelopes will carry a clear notation in the lower left quadrant, "**BID FOR Prestressed Concrete Cylinder Pipe, Bid #14-1415R**". Any questions concerning the bid(s) should be directed to the Purchasing Division at (302) 395-5250.

Bidders are responsible for obtaining the bid specifications and all addendums from the New Castle County Purchasing website at www.nccde.org/purchasing.

Fax bids will **not** be accepted.

Bid security is waived.

New Castle County reserves the right to divide the award unless stated otherwise in the specifications.

Awards, if any, will be made by the Purchasing Division to the lowest and best responsible bidder. The County reserves the right to reject all bids and to waive minor irregularities.

**NOTE**: If required by State of Federal regulations, vendors will provide the M.S.D.S. sheets for the above projects.

Pursuant to County Ordinance 83-172, 87-105, and Delaware State Law, no contract will be awarded to any vendor unless before or in conjunction with the actual award of the contract to such vendor, has submitted proof satisfactory to the County or to the awarding agency, or the designated representative of the County or the awarding agency, as the case may be, that it and each and every subcontractor named by it in its bid, if any, will at the time it submits such proof have valid and effective licenses required by the State and the County, and the political subdivisions, if any, in which the project is located, and the United States government, in order for each of them (i) to do business therein; (ii) to comply with all tax laws thereof; and (iii) to perform the labor and/or supply the material involved in the performance of the contract.

Mailing address: Purchasing Division

New Castle County Government Center

87 Read's Way

New Castle, DE 19720

4/10/14 Bid 14-1415R Page 1 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

#### 1.0 GENERAL

#### 1.01 SCOPE

A. Furnish and supply prestressed concrete cylinder pipe, fittings and appurtenances as specified herein.

#### 1.02 SUBMITTALS AND DOCUMENTATION

- A. At the time of bid:
  - 1) Submit to Chief of Plant Operations for review and approval the following information:
    - a) Pipe manufacturer
    - b) Pipe country of origin
    - c) Pipe manufacturer quality control program, ISO 9001 or equivalent
    - d) Manufacturer's written warranty against material defect
    - e) Fitting manufacturer
    - f) Proposed delivery date
  - 2) Differences from that which is specified shall be highlighted and include justification has to how the alternate proposal is equal to or superior to that which is specified.
  - 3) Any proposal that does not include all requested information may be rejected.
  - 4) All proposals shall be evaluated based on the conditions specified, current inventory and cost of operation. New Castle County shall be the sole and final judge of the acceptability of the proposed materials.
- B. Prior to Shipping
  - 1) Submittals of mil test certifications on reinforcing steel or wire, steel plate and cement shall be provided upon request.
  - 2) Laying schedules, if applicable.
  - 3) Affidavit from the Manufacturer Certifying that all tests, manufacturing methods and quality controls meet the requirements of AWWA C301 and other applicable standards shall be provided upon request.

4/10/14 Bid 14-1415R Page 2 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

#### 2.0 MATERIAL

#### 2.01 Standards

A. **Standards:** PCCP shall conform to AWWA C301, subject to the following supplemental requirements. The pipe shall be of the diameter and type shown, shall be furnished complete with gaskets and all material necessary to install and make the joints as indicated in the Contract Documents, and all specials and fittings shall be provided as required. The PCCP, specials and fittings shall be manufactured or supplied by an established domestic manufacturer with at least 10 years' experience in the manufacture of PCCP.

Other Standards applicable are, but not limited to, the following:

AWWA C301 - Prestressed Concrete Pressure Pipe, Steel Cylinder Type

AWWA C304 – Design of Prestressed Concrete Cylinder Pipe

AWWA Manual M9 – Concrete Pressure Pipe

American Association of State Highway and Transportation Officials (AASHTO)

- B. **Markings:** Each pipe length shall be marked with serial number, date of manufacture, manufacturer's name, and location inside the pipe. The markings shall also identify the pipe position within the laying schedule, if applicable. Markings shall be waterproof and legible.
- C. **Laying Lengths:** Pipe-laying lengths shall be provided in 16 or 20-foot nominal lengths with special shorter lengths provided as required.

#### 2.02 Pipe Design

- A. Cement shall be Type I or Type II and shall be in accordance with ASTM C150.
- B. Pipe Core shall be manufactured by the centrifugal or vertically cast process.
- C. Mortar coatings shall consist of one part cement to a maximum of 3 parts of fine aggregates, by weight.
- D. Bell and spigot joint rings shall be steel, self-centering type as specified in AWWA C301.
- E. Rubber gaskets shall be in accordance with AWWA C301.

4/10/14 Bid 14-1415R Page 3 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

- F. Bell and spigot fittings shall manufactured to the strength and pressure ratings which meet or exceed those of the pipe. Fittings shall be completely compatible with the pipe and shall be test fitted to the pipe by the manufacturer prior to shipping.
- G. Restrained joints shall be clamp type; snap ring or welded joint type as shown in AWWA Manual M9.
- H. Bends shall be fabricated to the deflection angle required.
- I. Pipe shall be of the (SP-12) embedded cylinder design or the (SP-5) lined cylinder design as specified by New Castle County.

#### 2.03 Bid Items

#### A. Pipe

Pricing shall be per pipe size (diameter) by pipe length by pipe type - standard lengths shall be 16 -foot and 20-foot. The pipe shall be the standard pipe manufactured with standard bell and spigot ends and shall include all necessary material to complete the pipe installation, including but not limited to, gaskets, external grout bands, internal joint ring coatings or mastics and lubricants to complete the installation of the pipe for wastewater service.

Pipe Size	LCP	LCP	ECP	ECP
	16-foot	20- foot	16-foot	20-foot
20-inch				
36-inch				
60-inch	N/A	N/A		
66-inch	N/A	N/A		
72-inch	N/A	N/A		
78-inch	N/A	N/A		
84-inch	N/A	N/A		

4/10/14 Bid 14-1415R Page 4 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

#### B. Repair Kits

Pricing shall be per pipe size (diameter) by pipe length by pipe type.

Repair kits shall include:

- a. One (1) 6-ft closure assembly w/follower and bell closure rings, sealing gaskets and all required hardware.
- b. One (1) spigot x spigot adapter.
- c. One (1) Short pipe.
- d. All necessary material to complete the installation of the pipe repair kit, including, but not limited to, gaskets, external grout bands, internal joint ring coatings or mastics, and lubricants to complete the installation of the pipe for wastewater service.

Pipe Size	LCP	LCP	ECP	ECP
	16-foot	20-foot	16-foot	20-foot
20-inch				
36-inch				
60-inch	N/A	N/A		
66-inch	N/A	N/A		
72- inch	N/A	N/A		
78-inch	N/A	N/A		
84-inch	N/A	N/A		

4/10/14 Bid 14-1415R Page 5 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

#### PART 3 EXECUTION

#### 3.01 GENERAL

- A. Delivery of the piping shall be to the New Castle County Warehouse located at 100 New Churchmans Road, New Castle, DE, or at other jobsites within New Castle County, DE. Coordinate deliveries with the Chief of Plant Operations (302) 395-5710. 48-hour advance notice of delivery is required.
- B. Delivery of order shall be a single shipment, unless otherwise approved. Drop shipping of individual components shall be not be accepted, unless specifically pre-approved.
- C. New Castle County will provide a forklift or other equipment necessary for unloading the truck. Supplier shall provide any special rigging required for lifting components.

#### **BASIS OF AWARD**

The Division of Purchasing shall award this contract to the lowest responsible and responsive bidder(s) who best meets the terms and conditions of the bid. The award will be made on the bases of price, product evaluation, and prior history of service capability.

The Division of Purchasing reserves the right to reject any or all bids in whole or in part, to make multiple awards, partial awards, award by types, award by sections, item by item, or lump sum total, whichever may be most advantageous to New Castle County. There is no guarantee that New Castle County will grant to any awardee any request for services and/or products.

Pursuant to County Code, New Castle County reserves the right to purchase goods, contractual, and professional services from other governments and cooperative purchasing agreements when it is determined by the Office of Administrative Services to be in the best interest of the County.

#### **FUNDING OUT**

The continuation of this contract beyond one (1) year is contingent upon funding appropriated by New Castle County Council.

#### **ADDITIONS**

4/10/14 Bid 14-1415R Page 6 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

#### Prestressed Concrete Cylinder Pipe Bid #14-1415R

New Castle County may require other related services, products, and/or equipment not specifically listed, including, but not limited to, pccp repair clamps, pccp restrained joint pipe and fittings, pccp subaqueous pipe and fittings, pccp tapping saddles, etc. Vendor may be given the opportunity to provide a quote. Should New Castle County deem the quote to be non-competitive New Castle County reserves the right to seek proposals from other vendors.

#### **INSURANCE**

#### Workers' Compensation & Employer's Liability Insurance

Vendor shall purchase and keep in force and effect workers' compensation insurance that will provide the applicable statutory benefits for all of the vendor's employees who may or do suffer covered injuries or diseases while involved in the performance of their work for the Vendor; and, even if permitted to do so by statute, Vendor shall not reject any workers's compensation insurance option that, in the absence of such a rejection, would be applicable to any of the said employees. The policy providing the workers' compensation insurance shall include: (1) broad form all-states coverage; (2) an endorsement that specifically waives any subrogation rights the insurer would otherwise have against New Castle County, its officials or employees.

Vendor shall purchase, and keep in force and effect, Employers' Liability insurance with maximum limits for each employee of \$1,000,000 for each bodily injury by accident, or occupational disease, and \$1,000,000 aggregate maximum limits for all bodily injuries by accidents and occupational diseases within the coverage period, regardless of the number of employees who may sustain bodily injuries by accident or occupational disease.

#### Automobile and General Liability Insurance

Vendor shall purchase: (1) motor vehicle liability coverage, for owned, hired and non-owned vehicles, covering any and all claims for bodily injury and property damage that arise out of Vendor's performance of work for New Castle County, (2) comprehensive Commercial General Liability (CGL) insurance with limits of no less than \$1,000,000 each occurrence and \$2,000,000 annual aggregate. The CGL policy shall be extended by endorsement or otherwise to also include (a) coverage for Contractual Liability assumed by Vendor, with defense provided in addition to and separate from policy limits for indemnities of the named insured, (b) coverage for Independent Contractor Liability providing coverage in connection with such portion of the Services being subcontracted prior to any of the Services being subcontracted, in accordance with the terms and conditions of this Agreement, (c) coverage for Broad Form Property Damage Liability, (d) coverage for Personal Injury and Advertisers Liability, (e) products and completed operations.

( ) <u>Professional Liability Insurance</u> (applicable if checked)

4/10/14 Bid 14-1415R Page 7 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

Each vendor of professional services for whom this provision is applicable shall provide professional liability insurance with limits of at least \$1,000,000 per occurrence and \$3,000,000 annual aggregate.

All insurance required under this contract except workers' compensation, employers liability, and professional liability (if applicable) shall be provided on a policy(s) that specifically names New Castle County, its officials and employees as additional insureds.

Each policy shall provide an endorsement that specifically waives any subrogation rights the insurer would otherwise have against New Castle County, its officials or employees.

Each policy shall be endorsed to require the insurer to give New Castle County at least thirty (30) days' advance written notice of the insurer's intention to cancel, refuse to renew, or otherwise terminate the policy, suspend or terminate any coverage under the policy, or reduce any policy limits, increase any policy deductibles, or otherwise modify or alter any terms or conditions of the policy or renewal issued by the same insurer.

Each policy shall be written by a carrier licensed by the State of Delaware to do insurance business of the type involved in the State of Delaware, and which has, and maintains for the life of this contract, at least an "A" rating from the A.M. Best Agency with "Stable" outlook.

Any change in this rating or outlook must be related to New Castle County by the Vendor or insurance carrier as soon as possible upon learning of same; and the Vendor shall use due diligence with its insurance broker or carrier to keep track of same.

All insurance required under this contract except workers' compensation, employer's liability and professional liability shall expressly provide that such insurance shall be primary insurance; and any similar insurance in the name of Vendor shall be excess and non-contributing.

Deductibles for insurance provided under this contract shall not exceed five percent (5%) of policy limits.

#### **INDEMNITY**

Vendor shall indemnify, defend, and hold harmless New Castle County from and against any and all claims, demands, suits, judgments, costs, and expenses asserted by a person or persons, including agents, employees, or volunteers or vendor, by reason of death or injury to persons, or loss or damage to property, resulting from operations hereunder, or sustained in or upon the premises of the County.

#### **FORM OF PROPOSAL**

On the attached pricing page, and signed by an official of the firm.

4/10/14 Bid 14-1415R Page 8 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

#### **NOTE**

It is the intent of New Castle County that minority-owned businesses shall have the maximum feasible opportunity to participate in the performance of contracts in the capacity of prime vendor.

#### M.S.D.S. SHEETS

If required by State or Federal regulations, the successful vendor must provide the M.S.D.S. sheets to the Risk Management Division and to the requesting department.

#### **DELAWARE LABOR**

New Castle County encourages the use of Delaware Labor.

#### **SUPPLIER DIVERSITY**

New Castle County encourages supplier diversity among firms. Please provide information on your firm's effort to encourage supplier diversity in your workforce and in the selection of subcontractors

4/10/14 Bid 14-1415R Page 9 of 13

# New Castle County 1673

## **NEW CASTLE COUNTY**

Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

## PROPOSAL FORM PRICING

ITEM#	SIZE	LENGTH	Type	Item	Qty.	Unit	Total
	(IN)			Description		Price	Price
1	20	16-ft	LCP	Pipe length	1		
1a	20	16-ft		Repair kit	1		
2	20	20-ft	LCP	Pipe length	1		
2a	20	20-ft		Repair kit	1		
3	20	16-ft	ECP	Pipe length	1		
3a	20	16-ft		Repair kit	1		
4	20	20-ft	ECP	Pipe length	1		
4a	20	20-ft		Repair kit	1		
5	36	16-ft	LCP	Pipe length	1		
5a	36	16-ft		Repair kit	1		
6	36	20-ft	LCP	Pipe length	1		
6a	36	20-ft		Repair kit	1		
7	36	16-ft	ECP	Pipe length	1		
7a	36	16-ft		Repair kit	1		
8	36	20-ft	ECP	Pipe length	1		
8a	36	20-ft		Repair kit	1		
9	60	16-ft	ECP	Pipe length	1		
9a	60	16-ft		Repair kit	1		
10	60	20-ft	ECP	Pipe length	1		
10a	60	20-ft		Repair kit	1		
11	72	16-ft	ECP	Pipe length	1		
11a	72	16-ft		Repair kit	1		
12	72	20-ft	ECP	Pipe length	1		
12a	72	20-ft		Repair kit	1		
13	78	16-ft	ECP	Pipe length	1		
13a	78	16-ft		Repair kit	1		

4/10/14 Bid 14-1415R Page 10 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

14	78	20-ft	ECP	Pipe length	1	
14a	78	20-ft		Repair kit	1	
15	84	16-ft	ECP	Pipe length	1	
15a	84	16-ft		Repair kit	1	
16	84	20-ft	ECP	Pipe length	1	
16a	84	20-ft		Repair kit	1	

## **SIGNATURE PAGE**

Printed Name	Email (REQUIRED)	Date		
Signature		Federal Tax I.D. No.		
Telephone No.		Fax No.		
Address				
Name of Company				
If yes, please explain in	i detail on a separate exceptions pa	nge and attach.		
Were exceptions taken to the bid specifications? Yes No  If yes, please explain in detail on a separate exceptions page and attach.				

4/10/14 Bid 14-1415R Page 11 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

## NEW CASTLE COUNTY, DELAWARE PROCUREMENT AFFIDAVIT

#### **AUTHORIZED REPRESENTATIVE**

#### I HEREBY AFFIRM THAT:

I am the (title)	, and I am duly authorized to represent and bind
(business)	(the "Business"), and that I possess the
egal authority to make this Affidavit on beh	half of myself and the Business for which I am acting.

#### **I FURTHER AFFIRM THAT:**

Neither I, nor to the best of my knowledge, information, and belief, the Business, nor any of its officers, directors, partners, members, affiliates, or any of its employees directly involved in obtaining or performing contracts with public bodies has been excluded from receiving Federal contracts, certain subcontracts, and certain Federal financial and non-financial assistance and benefits, pursuant to the provisions of 31 U.S.C. 6101, note, E.O. 12549, E.O. 12689, 48 CFR 9.404, and each agency's codification of the Common Rule for non-procurement suspension and debarment.

I DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THIS AFFIDAVIT ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, AFTER DILIGENT INQUIRY.

4/10/14 Bid 14-1415R Page 12 of 13



Purchasing Division 87 Read's Way New Castle, DE 19720 (302) 395-5250

## Prestressed Concrete Cylinder Pipe Bid #14-1415R

Date:	By: Name:
	Title:(Authorized Representative)

4/10/14 Bid 14-1415R Page 13 of 13