



CITY OF DURHAM

*Department of Public Works
Stormwater & GIS Services Division*
101 City Hall Plaza | Durham, NC 27701
919.560.4326 | F 919.560.4316

www.DurhamNC.gov

PRE-BID MEETING SUMMARY

BID NUMBER SP-2017-02

RAIN CATCHERS 2.0

DATE: NOVEMBER 8, 2017

TIME: 10:30 a.m.

LOCATION: City of Durham, Public Works Conference Room, Third Floor

ATTENDEES: See enclosed list

- 1) All attendees were asked to include their contact information on the sign-in sheet (enclosed). A meeting summary will be distributed to all attendees.
- 2) Contract information includes: Project Manual, appendices, Construction Drawings, and a blank Excel unit price work form. Please see the project web page (<http://durhamnc.gov/3048>) for all bidding information including future addenda and requests for information. A list of the Project Manual holders is regularly updated and placed on the project web page.
- 3) The Project involves the furnishing of all materials, labor, equipment, tools, etc. unless otherwise specified, for the complete installation of repairs, rehabilitation, and improvements of the stormwater drainage system and incidentals required for the specified locations throughout the City of Durham. Additionally, the work includes efforts to minimize impacts to residential and City property as well as any repair of any damages back to original conditions.
- 4) The Work Sites for this Contract include private residential properties as identified in the Project Manual. The Work involves the installation of 8 rain gardens and 14 cisterns on 11 private residential property sites. This will require earth moving, planting fescue, planting shrubs, connecting gutters, installing mulch, rain garden media, cobble, and cisterns.
- 5) The Engineer for the Project and project manager for the Department of Public Works is Lance Fontaine, PhD (919) 560-4326, ext. 30257, Lance.Fontaine@DurhamNC.gov.
- 6) Eric Miller with the Department of Equal Opportunity and Equity Assurance (EO/EA), (919) 560-4180, ext. 17241, Eric.Miller@DurhamNC.gov, will address questions or concerns related to Underutilized Business Enterprise (UBE) requirements for bidding. There are no EO/EA goals; an E104 form must be submitted with the bid.

Questions & Answers from Pre-Bid Meeting:

1) *Would other sand types be acceptable to use for the rain garden media?*

An addendum will be issued with the following revised Sand specification in the Project Manual, Document 33 47 27.13 Rain Garden Media – Part 2 - Products:

Item: Sand

Composition By Volume: 85 – 88%

Reference: *ASTM C33, AASHTO M 6/M 80, ASTM C330, AASHTO M195, or equivalent*

2) *Would any other qualifications be accepted in lieu of North Carolina State University Cooperative Extension Residential Rain Garden Professional Certification? Is this qualification required to submit the bid or upon execution of the contract?*

An addendum will be issue with the following revised requirement in the Project Manual, Document 00 21 15 – Instructions to Bidders – EJCDC, Section 1.4 Qualifications of Bidders, Item B.3.:

Prior to contract execution, Contractor shall have on staff an individual holding a current North Carolina State University Cooperative Extension Residential Rain Garden Professional Certification; or, an individual with a Professional Engineering License; or an individual who is a Registered Landscape Architect.

3) *Can contractors visit the project sites?*

The sites are on residential private property. They may be viewed from public right-of-way only. Bidders are not authorized to request access from homeowners. See Project Manual Document 00 21 15 – Instructions to Bidders – EJCDC for details about site access.

4) *Does the Project Manual contain drawings and specifications for rain gardens and cisterns?*

The Project Manual and Construction Drawings contain the technical specifications and drawings needed to construct and install the rain gardens and cisterns. The Construction Drawings and Project Manual are available on the project webpage (<http://durhamnc.gov/3048>).

5) *What is anticipated start date and time to completion for the contract?*

The anticipated start date is after January 1, 2018 and the contract allows 120 days for completion after issuance of a Notice To Proceed. See Project Manual for details.

6) *What is the Opinion of Probable Cost for this project?*

The Engineer's Opinion of Probable Cost is approximately \$30,000.

7) *How many sites are part of this contract?*

There are 11 sites included in this contract. See Project Manual, Section 00 31 00 – Available Project Information – Page 2 for a list of the sites.

- 8) *Do the cisterns have pumps or are they gravity-fed? How many outlets do the cisterns have?*
Cistern specifications are detailed in the Project Manual Section 33 47 27.25 Above Ground Cistern.
- 9) *Is the use of sod on the berms of the rain gardens a requirement?*
See Section 32 92 19 Planting Fescue or Resodding the Berm Area for details about the use of sod and fescue.
- 10) *What are the bond requirements for the contract?*
See Project Manual Document 00 21 15 – Instructions to Bidders – EJCDC for details about bond and security requirements.
- 11) *Can billing be done on a monthly basis?*
It is anticipated that billing can occur on a monthly cycle.



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Bid Advertisement: October 19, 2017
Question Deadline: November 13, 2017 at 10 a.m.
Bid Opening: November 20, 2017 at 10 a.m.
Bid Website: <http://durhamnc.gov/3048>
Contact: Lance Fontaine, PhD
Department of Public Works, Stormwater & GIS Services Division
101 City Hall Plaza Durham, North Carolina 27701
(919) 560-4326, Ext. 30257
Lance.Fontaine@durhamNC.gov

Pre-Bid Meeting Agenda:

- I. Project Introduction
- II. Equal Opportunity/Equity Assurance Requirements
- III. Administrative Information
- IV. Questions



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Sign In Sheet
Rain Catchers 2.0

Pre-proposal meeting for Bid No. SP-2017-02
Durham City Hall | November 8, 2017

Name	Firm	Email
Laure Fontaine	City of Durham	laurefontaine@Durhamnc.gov
Kevin Nunnery	Biohabitats	kunnery@biohabitats.com
Megan Walsh	City of Durham	megan.walsh@Durhamnc.gov
JAMES PEE	CARRINA ENVIRONMENTAL CONTRACTING, INC.	J.PEE@CARRINAENVIRONMENTALCONTRACTING.COM
SOURIMAN KEITH	BAXLEY CORP.	SOURIMAN@BAXLEYCORP.COM



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Durham City Hall | November 8, 2017

Name	Firm	Email
Kevin Harrington	Vortex Drivage	KHARRINGTON@vortexdrivagesystems.com



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Name	Firm	Email
Cros Maximian	Vortex	gmaximian@vortexdesignsystems.com



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Name	Firm	Email
Eric Miller	City of Durham	Eric.Miller@DurhamNC.gov
Brie Androce	Rainstorm Solutions	Brie@RainStormSolutions.com
Robert Muehan	ECMA	Robert@ElletheCreek.org