



July 18, 2017

Russell Slatton
City of Hartsville
PO Box 2497
Hartsville, SC 29550

Reference: Black Creek Pump Station
Upgrades
Project No.: 16201

Dear Mr. Slatton,

On June 27, 2017, bids were received from four (4) contractors for the referenced project. All bids have been tabulated, checked for accuracy, and certified. The results of the bids are as follows and a detailed Bid Tabulation is attached:

<u>Bidder</u>	<u>Base Bid</u>	<u>Alt 1</u>	<u>Alt 1 & 2</u>	<u>Alt 1,2 & 3</u>	<u>Alt 1, 2, 3 & 4</u>
North American	\$552,187.00	\$649,487.00	\$767,287.00	\$864,027.00	\$961,327.00
MJL	\$653,957.00	\$766,107.00	\$900,307.00	\$1,009,757.00	\$1,121,907.00
Level Utilities	\$791,499.28	\$875,941.28	\$993,696.28	\$1,089,741.28	\$1,172,519.28
RWF Construction	\$754,132.00	\$833,732.00	\$996,232.00	\$1,136,732.00	\$1,216,232.00

This project was bid with several alternates because of the specific funding that was available and to give the City choices after the bids were available. A short description of each is listed below:

Base Bid – Due to the presence of dangerous levels of hydrogen sulfide at the station for many years, the concrete surface of the pump station has been damaged and needs to be protected from further damage. A coating system will be added to protect the surface. In order to apply the coating, the entire flow from the City needs to be re-routed around the station for several months. This will require the installation of two diesel driven pumps and the associated piping to make the system work. These will be temporary pumps that will be rented by the Contractor and will be removed when the work is done. There are also numerous site improvements included in the Base Bid.

Alternate 1 – This alternate would allow the Contractor to deduct the rented bypass pump and purchase a new permanent pump that would remain at the site and be capable of providing future backup service. Since 70% of the failures at a pump station are electrical in nature, a diesel driven pump with no connection to the electrical system will provide a backup pumping capacity of nearly 4 million gallons per day during an electrical failure. The net increase for this alternate would be \$97,300.

Alternate 2 – This alternate would add a single open channel grinder that is used to cut large objects into very small pieces so that they can be pumped easily downstream for further treatment. These

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grinders are very similar to garbage disposals in the kitchen sink. There are two channels of flow coming into the pump station but this alternate would only install one grinder in one channel. The net increase to add this alternate would be \$117,800.

Alternate 3 – This alternate would add the 2nd grinder to the 2nd channel. The net increase to add this alternate would be \$96,740.

Alternate 4 – This alternate would add a 2nd diesel driven bypass pump to the station and would deduct the rented bypass pump that was to be provided by the Contractor. This would give the City another 4 million gallons per day of capacity for a total of 8 million gallons per day. This would only be necessary in a worst case scenario if an electrical failure occurred during a heavy rain event. The net increase for this alternate would be \$97,300.

We feel that this project should be awarded at a minimum to include the Base Bid along with Alternates 1 & 2. This allows the pump station work, one permanent bypass pump and one open channel grinder to be completed. It would be preferred to award the entire project which would include Alternates 3 & 4 as well so that the second permanent bypass pump and open channel grinder could be installed. There are definite advantages to having both in high flow situations and for future maintenance purposes so that one channel can be taken off-line. If the higher amount cannot be awarded at this time, a future project should be planned to add these additional components.

We would like to recommend that the project be awarded to North American Construction Co., Inc. in the amount of \$767,287.00 or \$961,327.00 depending on the reasons above. If you concur with our recommendation, please execute a copy of the appropriate Notice of Award. Once we receive this executed form and secure approval from the Rural Infrastructure Authority to proceed, we will forward it to the contractor along with the other contract documents for his execution. Once we receive the executed contract documents back from the contractor, we can then schedule a preconstruction conference.

Thank you for your cooperation and if we can be of any further assistance, please let me know.

Sincerely,

Hanna Engineering, LLC

A handwritten signature in blue ink, appearing to read "Michael Hanna", is written over the printed name and title.

Michael H. Hanna, P.E.
President

Enclosures

**DIVISION 00 - SECTION 0510
NOTICE OF AWARD**

Owner:	City of Hartsville	Project:	Black Creek Pump Station Upgrades
Engineer:	Hanna Engineering, LLC	Project No.:	16201
Bidder:	North American Construction Co., Inc.	Bidder's Address:	P.O. Box 15088
Date of Issuance:	Quinby, SC 29506		

TO BIDDER:

You are notified that Owner has accepted your Bid dated June 27, 2017 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for the Black Creek Pump Station Upgrades.

The Contract Price of the awarded Contract is: \$767,287.00

Four unexecuted counterparts of the Agreement accompany this Notice of Award along with one copy of the Contract Documents.

You must comply with the following conditions within 15 days of the date of receipt of this Notice of Award:

1. Deliver to the Owner four counterparts of the Agreement, fully executed by Bidder.
2. Deliver with the executed Agreements the Performance and Payment Bonds and insurance documentation as specified in the Instructions to Bidders and General Conditions, Articles 2 and 6.

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

The Owner will return to you one fully executed counterpart of the Agreement.

Owner: City of Hartsville
Authorized Signature

By: _____

Title: Natalie M. Zeigler, City Manager

Copy: Engineer

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TO BIDDER:

You are notified that Owner has accepted your Bid dated June 27, 2017 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for the Black Creek Pump Station Upgrades.

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1. Deliver to the Owner four counterparts of the Agreement, fully executed by Bidder.
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The Owner will return to you one fully executed counterpart of the Agreement.

Owner: City of Hartsville
Authorized Signature

By: _____

Title: Natalie M. Zeigler, City Manager

Copy: Engineer