ADDENDUM #4 (02.07.2020)

ROOF REPLACEMENT
NORTH AMERICAN BUILDINGS
NORTH CAROLINA ZOO

The following minutes of the Pre-Bid Conference, including interpretations, clarifications, and/or changes, are to amend or supersede the original contract documents (plans and specifications) for items noted, and will be included and made a part of the contract.

Roof Replacement for the North American Buildings at the North Carolina Zoo
PRE-BID CONFERENCE Thursday, February 6, 2020

CONFERENCE MINUTES

A Pre-Bid Conference was held at 2:00 pm on February 6, 2020 for the above referenced project. The meeting was conducted at the project site, W. Stedman Education Center, in Asheboro, North Carolina. Persons in attendance include the following:

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Contact</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gerry Parker</td>
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<td><a href="mailto:gerry.parker@nczoo.org">gerry.parker@nczoo.org</a></td>
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<td>Engineered Concepts</td>
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</tr>
</tbody>
</table>

Previous Bid Period and Re-advertising

The previously schedule Bid Date of January 30, 2020 was postponed and the project was re-advertised for seven days. This mandatory Pre-Bid Conference was held following re-advertising of the project. Contractors who attended the previous Pre-Bid Conference on January 9, 2020 remain eligible to submit a Bid Proposal and were not required to attend the Pre-Bid on February 6, 2020. No Bid Submission were received by the Owner during the previous Bid Period.

General Bidding Information

Bids will be received until 2:00 pm EDT on Thursday, February 20, 2020. Bids will be received by Gerry Parker, PE, Director of Planning and Construction, Asheboro, NC. Bids may be submitted electronically by email to Gerry Parker: Email – gerry.parker@nczoo.org. It is the responsibility of the bidding contractor to confirm receipt. Bids that are submitted electronically shall be sent and received not less than 60-minutes prior to the bid deadline. Bid security should be presented as hardcopy.

1. Bids may also be submitted by mail or by courier up to the bid deadline to the following address:
   Gerry Parker
   NC North Carolina Zoological Park
   W, Stedman Education Center
   4401 Zoo Parkway
   Asheboro, NC 27205
2. Bid Submissions must include:
   - Proposal Form
   - MWBE Participation Form (10% MWBE Goal)
   - Bid Security (5% of bid amount) in the form of a Bond/Cashier’s Check

3. Payment Performance Bond is required for the full amount of the contract.

4. Substitution Requests must be received prior to 5:00pm on February 12, 2020. All request must follow the process outlined in the Instructions to Bidders on page 6 paragraph 12 to be considered.

5. EC|Terracon will receive project related RFIs until 5:00pm on February 12, 2020. Questions will be addressed in an Addendum response and issued to bidders. Questions can be submitted in email form to blanier@engconcepts.com. Received questions will be issued to all bidders in addendum format. Bidders must acknowledge receipt of addenda on bid form.

Work Scope:
6. Base Bid includes complete re-roof of 7 buildings.
   - North American Entrance building also includes:
     - New Skylights (3)
     - New clearstory windows (3)
     - New rainscreen wall at clearstory window wall
     - Roof Panel removal/replacement as needed (see unit pricing below)
     - Removal replacement to soffit and block as needed (see unit pricing below)
     - Plumbing vent relocation as needed (see unit pricing below)

   6 Other Buildings include:
     - Roof Panel removal/replacement as needed (provide unit cost)
     - Removal replacement to soffit and block as needed (see unit pricing below)
     - Plumbing vent relocation as needed (see unit pricing below)

7. Five (5) Add/Alternates
   - Cart Storage – Reroof Alternate G-1
   - Tram Office – Reroof Alternate G-2
   - Kitchen Exh/Platforms & stairs Alternate G-3 at 4 Buildings
   - Exhaust Fan Curb Replacement Alternate G-4 at 4 Buildings Includes Struct work on Dwgs
   - Exhaust Fan Hinge Relocation Alternate G-5 at 4 Buildings

8. Please Provide Unit prices for the following repair types on sheet R9:
   - Repair Type 1 – Roof Panel Replacement, insulated & non-insulated. (20 @ Bldg 1 & 20 additional at buildings 4-9)
   - Repair Type 2 – Plumbing Vent relocation to center of standing seam roofing panel. (16 Loc.)
   - Repair Type 3 – Replace T1-11 soffit where damaged. (600 lin-ft base bid)
   - Repair Type 3 – Replace damaged wood blocking @ truss ends (240 L.F. 2x6 & 400 L.F. 2x10)
   - Repair Type 4 – Relocate Exhaust Fan hinges to high side. (5 included)
Schedule:
9. Project Duration. All Buildings to be completed and pass inspection by October 1, 2020.
10. Liquidated Damages will be 300$ per day after October 1, 2020.
11. The Contractor will be required to develop a construction schedule and report on progress at all meetings. Monthly Progress Meetings will be required. Construction schedule must be submitted with the first pay application.
12. Weekend work is discouraged however it will be allowed if the construction gets behind schedule due to weather.
13. Work Times. Work can carry on between 7am – 4pm. The Zoo will entertain different hours as the sunlight increases towards the summer months. The weeks before and after Easter may be too busy for work to continue. Spring and Mother’s Day is very busy and may interrupt work progress should large crowds appear.
14. Work Sequence as outlined by the Owner is as follows:
   1st North American Building
   2nd Prairie Popcorn and Prairie Restrooms
   3rd Kids Junction Gifts
   4th Crossing Café
   5th Junction Springs café
   6th Wild Burger

Site Logistics:
15. Staging/Storage – Zoo to coordinate. (back of buildings where available)
16. Temporary toilets – Public restrooms are available throughout the park. Chemical Toilets can be placed on site. All chemical toilets should be secured when not on site.
17. Site Access –
   No Alcoholic beverages allowed on site
   No smoking is allowed in the Park
   No Firearms
   No drugs other than those prescribed by a physician
   Must exhibit proper behavior and decorum
   Indecent language, acts or dress will not be tolerated
   Anyone in violation will be removed from the property
18. Parking – A parking permit has been set up that will hang from rear-view mirrors of unmarked cars. Vehicles with a company logo will not need a permit. Please obey the speed limit of 15mph within the park. Sheriffs are stationed and patrol the park.
19. Requests for payment – State Construction has a very strict process that you must follow to submit payment. If you have minority participation make sure you submit the appropriate forms outlined by State Construction and sale tax information must also be submitted with your pay application.
20. Change Conditions – Extra work requires a Change Order. Do not undertake additional work without an approved Change Order. Submit Change Orders to Brad Lanier blanier@engconcepts.com
21. Inspection of completed buildings. You may request that each individual building have a final inspection performed for completion. Give a two week notice to the appropriate parties to give ample time for scheduling purposes.

22. The Contractor is required to keep record drawings on site. If any changes your record drawings should always be up to date. These drawings will be given to the NC Zoo and State Construction as “as-builts” at the end of the project.

23. Safety regulations – See Safety regulation in article 11 of the General Conditions. These safety regulations are mandatory to protect the property and the public.

Comments from Gerry Parker, Director of the Planning and Construction at the NC Zoo

1. We will accept the metal fascia band for recycling. Contractor to remove.
2. We will work in every way to get trucks and waste bins close to the work area.
3. Tree branches on the roofs have been removed by the NC Zoo staff.
4. Park Rangers will assist with barriers to keep guests safe. Contractor is responsible for all safety on the project. Certain area may need to be shut down to guests if dust becomes an issue.

Questions from Pre-Bid Meeting - In addition to questions recived during this Pre-Bid, questions and answers from the previous Pre-bid were read aloud.

1. Are the plumbing vent pipes PVC or cast iron? Cast iron.
2. Will the T1-11 need to be painted? Yes.
3. Will Pine or cedarboard be used at the fascia? Pine.
4. Will the steps at the metal platforms be on all buildings? No, only where kitchen exhaust hoods are located.
5. Is there a staging area designated? Parking Lot A, exact location to be determined.
6. Is there a crew onsite to disconnect lights & signage? None of the signage is lighted. Contractor to remove signage as a part of contract.
7. Is there a start date for the project? A specific date has not been determined. Gerry Parker is projecting that construction should begin as quickly as contracts can be executed following the bid date.
8. Is this a public bid opening? Yes, all bids will be read aloud in the board room at the W. Stedman Education Center.
9. Are chemical toilets allowed to be placed near construction areas? Yes, must coordinate location with Owner.
10. Is it possible to get large delivery truck to all building? It is possible to get delivery trucks close to all buildings via the 2-lane access road. Turning radius and access to off-load material may be limited in some locations.

Respectfully submitted,

ENGINEERED CONCEPTS

[Signature]

Robert G. Kennerly, Jr., P.E.