Jones & Henry Engineers, Ltd.

Northwestern Water & Sewer District
Willowbend Pump Station Improvements

ADDENDUM 1

September 14, 2021

Planholders of the Northwestern Water & Sewer District, Willowbend Pump Station Improvements are hereby notified of the following amendments to the Contract Documents. This Addendum is hereby made a part of the Contract Documents.

REFERENCE NOTES

Bidders are reminded to review the required documentation to be submitted with the bid summarized in the Instructions to Bidders and included in Exhibits 2 and 3.

SPECIFICATIONS

Specification 01500 Maintaining Traffic

Please replace the entire specification section 01500 Maintaining Traffic with the attached updated section 01500 Maintaining Traffic.

Specification 13665 – Quotation Page following the specification section.

Please delete the quotation page Quotation #20-3028 following specification section 13665 and replace it with Quotation #21-4186 attached to this Addendum 1.

Attachments: Norwalk Concrete Industries Quotation #21-4186

Specification Section 01500 – Maintaining Traffic

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON PAGE C-410 - 1 OF THE BID.

NCI
Norwalk Concrete Industries
80 Commerce Drive P. O. Box 563
Norwalk, Ohio 44857
800.733.3624 Toll Free
419.668.8167 Phone
419.663.0627 Fax
www.nciprecast.com

QUOTATION # 21-4186

DATE: 08-11-21

JONES & HENRY ENGINEERS
ATTN: KATIE WAMBO
EMAIL: kwambo@jheng.com
PHONE: 567-661-0273

BID DATE:
JOB NAME: EQUIPMENT BUILDING

LOCATION: PERRYSBURG
COUNTY: WOOD

QTY.	REF.	DESCRIPTION	UNIT PRICE
1		16' – 0" wide X 16' – 0" long X 10' – 0" Eve Height I.D. Easi-Set Precast Concrete Building.	$78,425.00

SCOPE OF WORK

- Roof is 6" thick, steel reinforced and post-tensioned, concrete
- Building will come in panels and roof sections to be assembled onsite by NCI
- All brackets, caulk, grout to assemble and seal building
- Concrete mix design is minimum 5,000 psi 28 day strength
- Sandwich wall and roof: Walls and roof to have 3" Thermomass R-18 insulation, covered with 2" precast concrete. Interior wall thickness is 4" thick, total wall thickness is 9", roof thickness is 10".
- Exterior walls are UL 752 Level 4 " test method" rated bullet resistance
- Misc openings in walls
- Wind Load: 130 mph
- Roof Load capacity: 60 psf
- Fire resistant: standard fire rating of one (1) hour
- Roof has 3" overhang and ½" drip edge
- Exterior finish to be Brick, stained one (1) color.
- P.E. stamped calculation & drawings
- Freight to Perrysburg, OH, truck must be able to set up next to foundation with clear access to jobsite.
- Building to have seven (7) year warranty on quality and workmanship on the precast concrete building. One (1) year on all other appurtenances.
- Total Weight: 80,850 lbs.
- NCI field labor to offload and set wall panels, roof section, post-tensioned roof, seal walls, roof, provide crane, all material, crane must be within 30' of foundation with clear work area.

CONTINUED ON PAGE 2

NCI
Norwalk Concrete Industries

QUOTATION # 21-4186

DATE: 08-11-21

QTY.	REF.	DESCRIPTION	PRICE

CONTINUED FROM PAGE 1

- **One (1) single 3'-0" x 6'-8" x 1 ¾", aluminum door and frame, closure, drip edge, hardware, lockset, painted one (1) one standard color.**
- **Interior walls and ceiling to be smooth, painted one (1) color**

PRICE EXCLUDES:

- **Site work of any kind**
- **Applicable sales taxes or permits, if any**
- **Design foundation**
- **Stable foundation to support weight of building**
- **Connection of power to building at site**
- **Electrical Ø HVAC Systems**
- **Louvers and exhaust fan**

TIME LINE FOR DRAWINGS AND PRODUCTION:

- **Shop drawings 15 business days after NCI has signed sales order, 10% down payment.**
- **P.E. stamped drawings, calculations within 10 business days after shop drawing approval.**
- **Production lead time is 18-20 weeks after final approval of shop drawings.**

PRICING ON THIS QUOTE IS GOOD FOR 60 DAYS FROM DATE OF QUOTE

NCI is designated as a qualified HUBZone small business concern (SBC)

EXCESSIVE DETAINMENT CHARGE

TERMS. Ten percent mobilization is due with order. Net upon delivery of buildings per predefined schedule: No retention shall be withheld from payment to Seller. No claims for Customer back charges will be accepted unless Seller is given immediate notice, in writing, and an opportunity to investigate.

NORWALK CONCRETE INDUSTRIES

Name: Scott Kinnamon

Email: skinn@nciprecast.com

Position: Sales Representative

Signature _____

Date: _____

Accepted By Customer:

Customer:_____

Name: _____

Position: _____

Signature _____

Date:_____

SECTION 01500
MAINTAINING TRAFFIC

PART 1 GENERAL

1.01 SCOPE

A. This Section includes the furnishing of all labor, materials, equipment and services necessary for maintaining and protecting vehicular and pedestrian traffic.

1.02 SUBMITTALS

A. Submittals shall be in accordance with the requirements of Section 01300 and shall include:

1. Information for the Record:

a. The Contractor shall submit the name, address, and telephone number of a local individual who will be responsible for maintaining traffic facilities when the Contractor is not working.

b. Traffic control or maintenance plans with govern authority(s) approval.

c. Detour routes with governing authority(s) approval.

d. Delivery and haul routes for contractor's activities outside the zone of influence.

1.03 QUALITY ASSURANCE

A. The installation, maintenance, and operation of all traffic controls and traffic control devices shall conform to the requirements of the State Department of Transportation Manual of Uniform Traffic Control Devices for Streets and Highways, hereinafter called the MUTCD.

B. If, in the opinion of the authority having jurisdiction over traffic in the affected thoroughfares, proper maintenance of traffic facilities and proper provisions for traffic control are not being provided by the Contractor, they may take the necessary steps to place them in proper condition, and the cost of such services will be deducted from any money which may be due or become due the Contractor.

C. A traffic control conference, attended by Owner, Engineer, Contractor and governing authority, shall be held no later than 14 days prior to any traffic maintenance, placement of traffic control devices, lane closures, detouring of traffic or other activity that impedes the normal traffic flow.

PART 2 PRODUCTS

2.01 TRAFFIC CONTROL DEVICES

A. Traffic control devices shall be provided with suitable supports of sufficient strength and stability.

B. Faces of orange construction signs, barricades, vertical panels and drum bands shall be suitably reflectorized with sheeting.

C. Traffic cones shall be a highly visible orange color.

D. Pavement markings for traffic maintenance shall conform to the requirements of ODOT, the local authority and the MUTCD.

2.02 TEMPORARY TRAFFIC SIGNALS

A. The Contractor shall furnish, erect, maintain, and subsequently remove signal and signal controller equipment of a proper type and capacity to provide the required operation, and shall meet the general requirements of ODOT and the MUTCD.

1. Any malfunctions or failures shall be corrected without delay. Temporary traffic signals not in use shall be covered or removed.

B. The Contractor shall be responsible for the procurement of and payment for electric power for temporary traffic signals.

PART 3 EXECUTION

3.01 COORDINATION

A. The Contractor shall provide and maintain in safe condition such temporary facilities for vehicular and pedestrian traffic as may be necessary to provide safe vehicular and pedestrian ingress and egress for all property adjacent to the improvements. Such access shall be provided at all times unless workers or machinery are in the immediate area. Access shall be provided to all properties at the end of the Work day.

B. When the street or highway under construction is being used by vehicular traffic including periods of suspension of the Work, the Contractor shall maintain that portion of the street or highway being used to ensure that it is smooth, free from holes, ruts, ridges, bumps, and dust.

C. The Owner will enter upon that portion of a project, where the Contractor is responsible for maintaining through traffic on part or the entire project, to place abrasives at its own expense, as may be considered advisable.

1. The Contractor shall be responsible for the removal of abrasives placed, for which no claim for additional compensation shall be allowed nor shall the Contractor be relieved in any way of his obligation for maintenance of traffic.

D. The Owner will provide for the necessary maintenance of public streets or highways which are used as detour beyond the Work limits of the contract.

3.02 TRAFFIC CONTROL

A. Barricades, vertical panels, and cones shall be protected by adequate advance warning construction signs.

B. Equipment and material stored on the highway shall be marked at all times. At night, any such material or equipment stored within rights-of-way and easement(s) shall be clearly outlined with dependable lighted devices.

C. Contractor shall provide any other lights, barricades, etc., that may be needed for the protection of pedestrian traffic in all areas where materials are stored.

D. Road Closed - When a highway is permitted to be closed to traffic, the Contractor shall provide, erect, maintain, and subsequently remove approved traffic control devices, barricades, and suitable and sufficient red or yellow lights.

3.03 TRAFFIC MAINTAINED

A. Where the street or highway under construction is being used by vehicular traffic, including periods of suspension of the Work, the Contractor shall furnish and maintain pavement markings, lights, warning signs, road construction traffic-maintained signs, and end construction signs, barricades, temporary guardrail, and such other traffic control devices, and flaggers as may be necessary to maintain safe traffic conditions within the Work limits.

B. Existing signs and traffic control devices within the Work limits shall remain in use during the construction period. If the Contractor needs to relocate or modify permanent signs and other traffic control devices as a consequence of his work, he shall provide suitable supports and may modify the devices with prior approval of the Engineer and the concurrence of the maintaining agency. Routine maintenance of permanent traffic control devices will remain the responsibility of the maintaining agency.

C. The function of existing Stop or Yield signs shall be retained at all times although their position may be adjusted. Existing signs that must be relocated laterally shall be placed in accordance with the MUTCD.

D. When an existing signal operation must be interrupted for a period, the Contractor shall provide a temporary traffic control method.

E. The Contractor shall obtain the approval of the Owner and Engineer before closing a traffic lane or establishing a one-way traffic operation.

F. Flaggers:

1. Whenever one-way traffic is established, at least two flaggers shall be used and signs, cones, barricades, and other traffic control devices shall be erected by the Contractor in accordance with the MUTCD and ODOT Standard Drawing MT-97.10. The Contractor shall maintain positive and quick means of communication between the flaggers at the opposite ends of the restricted area.

2. Flaggers shall be equipped according to the standards for flagging traffic contained in the MUTCD. Night work is not permitted in the Lucas County Right of Way.

3. The Contractor may, in lieu of flaggers, or supplementing them, furnish, install, and operate a temporary traffic signal or signals, for the purpose of regulating traffic.

3.04 SNOW AND ICE REMOVAL

A. The state and local authority responsible for snow and ice removal will be responsible for removals during the construction provided the following:

1. The project area is open to public access.

2. In the opinion of the state and local authority the project area is accessible with their equipment.

3. In the opinion of the state and local authority the street surface will not cause damage to their equipment or their equipment will not cause damage to the street.

B. The Contractor shall be responsible for snow and ice removal during construction when:

1. The project area is closed to public access.

2. When Limited access is provided for local traffic but area is closed to through traffic.

3. The project area pavement has removed or damaged to the extent that the state and local authority's equipment will no longer effectively remove snow and ice or will cause damage to project area.

PART 4 SPECIAL PROVISIONS

4.01 WEST RIVER ROAD – STATE ROUTE 65 AT WILLOWBEND PUMP STATION SITE

A. West River Road may be closed to through traffic for 90 days to permit the work to be completed.

B. The District is obtaining an MR505 Permit from ODOT District 2 for this work. A copy of the approved permit will be provided once obtained.

C. The Contractor shall be responsible for contacting ODOT District 2 and the District a minimum of 21 days in advance of the work.

D. The detour route will be signed and maintained by ODOT District 2.

E. The Contractor will be required to provide the maintenance of traffic measures at the work site as marked with asterisks on the attached page titled Figure 6H-8 Road Closure with Off-Site Detour. A copy of the applicable excerpt from the Ohio Manual of Traffic Control Devices is attached to this specification.

4.02 WEST RIVER ROAD – STATE ROUTE 65 AT FORCE MAIN INTERCONNECTION LOCATION

A. A minimum of one-lane shall be maintained when work is occurring at this location. One lane of travel shall be maintained using a temporary traffic signal.

B. The District will obtain an MR505 Permit from ODOT District 2 for this work. A copy of the approved permit will be provided when obtained.

C. The Contractor shall be responsible for contacting ODOT District 2 and the District in a minimum of 14 days in advance of the work.

D. The Contractor will be required to provide the maintenance of traffic measures at the work site as shown on Figure 6H-12 Lane Closure on Two-Lane Road Using Traffic Control Signals. A copy of the applicable excerpt from the Ohio Manual of Traffic Control Devices is attached to this specification.

4.03 NORTH RIVER ROAD – LUCAS COUNTY ENGINEER

A. North River Road may be closed to through traffic for 3 days to permit the work to be completed. This closure will not be allowed at the same time as the Jerome Road closure.

B. The Contractor will obtain a permit from the Lucas County Engineer one week prior to commencing work in the public right of way in Lucas County. Application for permit shall be made at the Office of the Lucas County Engineer, 1049 S. McCord Road, Holland, OH 43528.

C. The detour route shall use Stitt Road, Russell Road, Fallen Timbers Lane, Anthony Wayne Trail, and Ford Street.

D. The detour route will be signed and maintained by the Contractor including all signage as required by the Ohio MUTCD and as shown on the attached page titled Figure 6H-8 Road Closure with Off-Site Detour.

E. During Periods when the Contractor is working, traffic may be limited to one-way flow on a minimum of 10-foot-wide lane, provided two flaggers are on the site to regulate flow. At all other times (nights, weekends, and inclement weather), the road shall be re-opened to two-way traffic flow on a minimum pavement equal to existing pave surface width.

F. Whenever the permanent pavement surface will not be replaced the same day as removal, a 3-inch minimum thickness of bituminous cold mix shall be required as a temporary replacement. Permanent replacement must be accomplished within 3 weeks, weather permitting.

G. Open cutting will be permitted on North River Road as long as it is completed prior to the planned Lucas County Engineer's resurfacing project in 2022.

H. Access to adjacent properties affected by any construction operations shall be maintained at all times unless permission to close the facility is granted by the Owners and the Engineers.

4.04 JEROME ROAD – LUCAS COUNTY ENGINEER AND CITY OF MAUMEE

A. Jerome Road and River Road may be closed to through traffic for 2 days to permit the work to be completed.

B. The Contractor will obtain a permit from the Lucas County Engineer one week prior to commencing work in the public right of way in Lucas County. Application for permit shall be made at the Office of the Lucas County Engineer, 1049 S. McCord Road, Holland, OH 43528.

C. The Contractor shall has obtain a permit from the City of Maumee for this work.

D. No detour route is required for this road closure.

E. A sign notifying motorists of the closure shall be placed at Fallen Timbers Lane and the on-ramp to State Route 24.

F. During Periods when the Contractor is working, traffic may be limited to one-way flow on a minimum of 10-foot-wide lane, provided two flaggers are on the site to regulate flow. At all other times (nights, weekends, and inclement weather), the road shall be re-opened to two-way traffic flow on a minimum pavement equal to existing pave surface width.

G. Whenever the permanent pavement surface will not be replaced the same day as removal, a 3-inch minimum thickness of bituminous cold mix shall be required as a temporary replacement. Permanent replacement must be accomplished within 3 weeks, weather permitting.

H. Open cutting will be permitted on North River Road as long as it is completed prior to the planned Lucas County Engineer's resurfacing project in 2022.

I. Access to adjacent properties affected by any construction operations shall be maintained at all times unless permission to close the facility is granted by the Owners and the Engineers.

END OF SECTION