



Rowan County Landfill

Phase V Expansion Construction

Construction Documents Project Manual

Issued for Bid

November 2022

HDR Project No. 10335518



BID FORM

PROJECT IDENTIFICATION: Rowan County Landfill Phase V Construction

CONTRACTOR NAME: NJR GROUP INC

CONTRACTOR LICENSE NO.: 77426

THIS BID IS SUBMITTED TO: Rowan County, North Carolina, hereinafter referred to as Owner.

1. ENTER INTO CONTRACT

The undersigned proposes and agrees that if this bid is accepted to contract with Rowan County, North Carolina for the furnishing of all equipment and labor necessary to complete the scope of work described in the Request for Bids documents in full and complete accordance with specifications and contract documents, and to the full and entire satisfaction of Rowan County, North Carolina for the prices provided below. Pursuant to the provisions of NC G.S. 143-54 under penalty of perjury, the signer of the bid certifies that this bid has not been arrived at collusively or otherwise in violation of Federal or North Carolina antitrust laws.

2. BIDDER ACCEPTANCE

Bidder accepts all of the terms and conditions of the Solicitation or Invitation for Bid, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for ninety (90) days after the day of Bid opening. Bidder will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bid Requirements within five (5) business days after the date of Owner's Notice of Award.

Bidder has enclosed with this bid response Bid Bond(s) in the amount of: \$ 5%

Bidder accepts all of the terms and conditions? YES ☒ NO ☐

Bidder included one original and two complete copies of all bid documents? YES ☒ NO ☐

Bidder has included their qualifications described in the Special Conditions? YES ☒ NO ☐

3. BIDDER REPRESENTATIONS

In submitting this Bid, Bidder represents, as more fully set forth in the Agreement, that:

- A. Bidder has examined and carefully studied the Bidding Documents and the following Addenda, (if applicable), receipt of all which is hereby acknowledged: (List Addenda by Number and Date).

ADDENDA NO.	DATE
<u>1</u>	<u>11/23/22</u>
<u>2</u>	<u>12/13/22</u>
<u>3</u>	<u>12/14/22</u>
<u>4</u>	<u>12/23/22</u>

- B. Bidder has visited the site and become familiar with, and is satisfied as to, the general, local, and site conditions that may affect cost, progress, performance and furnishing of the Work.
- C. Bidder is familiar with, and is satisfied as to, all federal, state and local laws and regulations that may affect cost, progress, performance and furnishing of the Work.
- D. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at, or contiguous to, the site or otherwise which may affect cost progress, performance or furnishing of the Work or

which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder and safety precautions and programs incident thereto.

Bidder does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price, and other terms and conditions of the Contract Documents.

- E. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
- F. Bidder has given Owner written notice of all conflicts, errors, ambiguities or discrepancies in the Contract Documents, and the written resolution thereof by Owner is acceptable to Bidder, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.

Where conflicts, errors, ambiguities or discrepancies have been discovered in or between Contract Documents and/or other related documents, and where said conflicts, etc. have not been resolved through the interpretations or clarifications by Owner as described in the Instructions to Bidders, because of insufficient time or otherwise, Bidder has included in the Bid the greater quantity or better quality of Work, or compliance with the more stringent requirement resulting in a greater cost.

- G. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.
- H. The Bidder's signature on the Bid Form is a guarantee the prices quoted have been arrived at without collusion with other eligible Bidder(s) and without effort to preclude the County from obtaining the lowest possible competitive price.
- I. Bidder is familiar with all the conditions surrounding the performance of the work required for this project, including the availability of materials, equipment, supplies and labor.
- J. If Bidder is awarded the Contract, Bidder will provide all labor, material, supplies, and equipment, and execute the Work in accordance with the Contract Documents.
- K. If awarded the Contract, Bidder will commence work after the issuance of a "Notice to Proceed" as required in the resulting Contract.
- L. If awarded the Contract, Bidder agrees that if the Work, or any part thereof, is not completed within the Contract Time (including any extension thereof), Bidder will be liable for liquidated damages in accordance with the Contract.
- M. If awarded the Contract, Bidder will provide insurance coverage as required in Section 00 21 13 – Instructions to Bidders. The cost of the insurance is included in the Bid.
- N. Bidder understands that the Owner reserves the right to reject any bids which do not meet the requirements, or all bids in the event that the project is canceled or postponed.
- O. If awarded the Contract, the successful Bidder will enter and execute a contract as required.
- P. Bidder will hold his bid open for a period of ninety (90) calendar days from the date that bids are due.
- Q. Bidder is legally able to enter into and perform a contract, if awarded.

4. BID PRICE

- A. The Base Bid Schedule in the following section outlines all major components of the Work required to complete the project as specified. The Base Bid Total indicated in numbers and in words at the end of the Base Bid Schedule, shall be used for determination of the successful Bidder.
- B. The Contractor is directed to Base Bid Measurement and Basis for Payment, for a narrative description of each item in the Base Bid Schedule.
- C. The quantities outlined below represent an approximation as estimated by the Engineer. All quantities depicted in the Base Bid Schedule, represent in-place, constructed quantities (as constructed in the proposed Work). The Contractor is responsible for verifying quantities for bidding. Engineer's estimated quantities are provided for informational purposes only, and are not to be relied upon as the sole basis for the Contractor's bid.
- D. Refer to General Terms and Conditions and Attachment A regarding method of award. Refer to the Specifications package and Section 01 30 00 Special Conditions, for further information regarding other project specifics.
- E. Lump sum line items will constitute the total payment for the Work.
- F. Unit price items will be measured and payment will be for the actual quantity.
- G. In the event the Owner desires to modify the quantity (reduce or increase) of work for one or more lump sum Bid Schedule line items during construction, the general basis for establishing the corresponding change in contract price will be to divide the lump sum bid price by the Engineer's estimated quantity, thereby yielding a unit price by which to modify the line item total price. Other methods for price adjustment may be considered at the Owner's and Engineer's discretion.

5. BASE BID SCHEDULE

Bidder will complete the Work in accordance with the Contract Documents for the following prices:

Item	Description	Estimated Quantity	Unit	Basis of Payment	Total Cost
1.	Bonds, Insurance, and Mobilization (4% Max of Base Bid Items 2-28)	1	LS	LS	\$ 435,000.00
2.	Construction Quality Control	1	LS	LS	\$ 362,100.00
3.	Surveying and Control	1	LS	LS	\$ 251,521.00
4.	Stormwater Structures and Erosion Control	1	LS	LS	\$ 408,000.00
5.	Rip Rap Lined Channels	2,850	LF	LS	\$ 300,247.50
6.	Clearing and Grubbing	4	AC	LS	\$ 48,000.00
7.	Structural Fill	80,000	CY	\$ 6.73 /CY	\$ 538,406.40
8.	Unclassified Excavation	190,000	CY	\$ 3.85 /CY	\$ 731,880.00
9.	Difficult Excavation	2,000	CY	\$ 25.00 /CY	\$ 50,000.00

Item	Description	Estimated Quantity	Unit	Basis of Payment	Total Cost
10.	Compacted Soil Liner (18" 1x10 ⁻⁵ cm/sec)	46,464	CY	LS	\$ 763,963.20
11.	Geosynthetic Clay Liner (GCL)	19.3	AC	LS	\$ 501,491.20
12.	60 mil HDPE Geomembrane	19.3	AC	LS	\$ 555,531.20
13.	Geocomposite Drainage Layer	19.3	AC	LS	\$ 188,059.20
14.	HDPE Leachate Collection Piping and Collection Stone	1	LS	LS	\$ 1,511,750.00
15.	Separator Geotextile	1	LS	LS	\$ 196,807.36
16.	Operational Layer Soil and Subcell Divider Berm	32,312	CY	LS	\$ 200,334.40
17.	Operational Layer Gravel	25,800	CY	LS	\$ 1,857,600.00
18.	Geosynthetic Rain Cover	14	AC	LS	\$ 257,152.00
19.	Leachate Enclosure	1	EA	LS	\$ 222,368.00
20.	Leachate Pumps	2	LS	LS	\$ 108,732.00
21.	Leachate Forcemain and Manhole Removal	1,020	LF	LS	\$ 98,307.60
22.	Electrical, Instrumentation and Controls	1	LS	LS	\$ 164,555.00
23.	Air Compressor	1	LS	LS	\$ 96,224.00
24.	Seeding	30	AC	\$ 5,000 /AC	\$ 150,000.00
25.	Perimeter Road – Stone	5,950	SY	LS	\$ 48,314.00
26.	Perimeter Road – Asphalt Paving	3,500	SY	LS	\$ 230,172.74
27.	Road widening and culvert replacement along access road	1	LS	LS	\$ 96,368.00
28.	Water Supply Well	1	LS	LS	\$ 20,000
29.	Contingency	1	LS	LS	\$500,000

TOTAL BID IN NUMBERS \$ 10,882,888.81 ^{Hundred}

IN WORDS Ten Million Eight Hundred Eighty Two Thousand
Eight Hundred Eighty Eight & 81/100

6. ALTERNATE BID ITEMS

Item	Description	Estimated Quantity	Unit	Unit Cost	Total Cost
1.	Compacted Soil Liner (24" 1x10 ⁻⁷ cm/sec)	61,952	CY	LS	\$ 2,478,080.00
2.	Flexamat® Standard Channel Lining	2,850	LF	LS	\$ 576,697.50
3.	HydroTurf® CS Type 1	2,850	LF	LS	\$ 778,641.75

7. BASE BID ITEMS MEASUREMENT AND BASIS FOR PAYMENT

The line items below provide further description of the Work listed in the Base Bid Schedule. Some of the line items include approximate in place quantities as estimated by the Engineer. All estimated areas are measured on a plan view basis where no adjustment is made for slope. For any unit price items based on areas, measurement will also be measured on a plan view basis without adjustment for slope. The Contractor shall not rely on the quantities given but shall instead estimate all quantities independently as required to complete the Bid. The price associated with each Lump Sum item shall be the full compensation paid for the Work described, regardless of the Engineer's or Contractor's estimated quantity. For Lump Sum items, no claim shall be made by the Contractor for deviations between the Contractor's estimated quantity and the actual quantity required to complete the Work described.

1. **BONDS, INSURANCE, AND MOBILIZATION (4% Max of Base Bid Items 2-28):** This Work shall consist of securing the appropriate bonds and insurance policies for the Project, and performance of preparatory construction operations, including the movement of personnel and equipment to the Project site and subsequent demobilization, safety equipment and other facilities to begin work on a substantial phase of the Contract. Payment for this item will be made on a Lump Sum basis, wherein no measurement will be made. The Lump Sum price shall be full compensation for performing the Work specified.
2. **CONSTRUCTION QUALITY CONTROL:** This Work shall consist of all material testing and inspection required by the Contract Documents. Testing includes soil borrow source characterization, structural fill, compacted soil liner, leachate collection stone, geomembrane, geocomposite drainage material, operational cover, concrete, pressure pipe, and other testing as defined in the Contract Documents. Payment for this bid item shall be made on a lump sum basis. This lump sum bid item shall be full compensation for performing the testing work required.
3. **SURVEYING AND CONTROL:** This Work shall consist of all surveying and control work required by the Contract Documents. This includes establishment of appropriate site benchmarks, baseline surveys, location of utilities, construction layouts, staking, and obtaining all survey information required to compile the initial existing conditions survey and the Record (As-Built) Drawings. All surveys shall be performed under the direction of a licensed surveyor and sealed by a surveyor licensed in North Carolina. The As-Built Drawings shall include the items listed in Section 01 30 00 Special Conditions. This lump sum bid item also includes photography as outlined in Section 01 30 00 Special Conditions. Payment for this bid item shall be made on a lump sum basis. This lump sum bid item shall be full compensation for performing the surveying work required.
4. **STORMWATER STRUCTURES AND EROSION CONTROL:** This Work shall consist of furnishing all necessary materials, equipment, labor, and appurtenances necessary to install new RCP culverts, corrugated plastic pipe (CPP), drop inlets, and apron outlet in the locations shown on the Drawings and as specified in the Contract Documents. This work also includes any temporary erosion control measures required by the Contractor to protect

their work and maintain regulatory compliance. Payment for this bid item will be on a lump sum basis, wherein no measurement will be made.

5. **RIP RAP LINED CHANNELS:** This Work shall consist of furnishing all necessary materials, equipment, labor, and appurtenances necessary to install the rip rap channel lining in the locations shown on Sheet 02G-01, detail on 02C-08, and as specified in the Contract Documents. Payment for this bid item will be on a lump sum basis, wherein no measurement will be made.
6. **CLEARING AND GRUBBING:** This work will consist of furnishing all necessary materials, equipment, labor, and appurtenances necessary to clear the vegetated areas and stockpile the material in the "Pallet Recycling Area". Grinding and or burning is not required. Payment will be made on a lump sum basis wherein no measurement will be made.
7. **STRUCTURAL FILL:** This Work shall consist of furnishing all necessary materials, equipment, labor, and appurtenances necessary to complete all structural fill soil as shown on the Drawings and as specified in the Contract Documents. Material shall be obtained by the Contractor from an on-site or off-site borrow area and shall be placed in the Work. Areas of fill that become unsuitable due to weather or neglect, are to be corrected by Contractor without additional compensation. Actual quantity may vary from the estimated quantity. This item includes the estimated cubic yards of fill necessary to reach design grades from those shown. Testing will be paid under item 2. Payment for this bid item will be on a unit price basis, wherein measurement will be made by comparison of the before and after surveys prepared under item 3. The Engineer will make final determination of the quantity.
8. **UNCLASSIFIED EXCAVATION:** This Work shall consist of furnishing all equipment, materials, labor and appurtenances necessary to excavate material and place in an on-site stockpile in an area designated on the Drawings. Payment for this bid item will be on a unit price basis, wherein measurement will be made.
9. **DIFFICULT EXCAVATION:** This Work shall consist of all equipment, materials, labor, and appurtenances to excavate areas of the site that include the potential for stiff soils and rock removal. The price for excavation shall include the cost for blasting, permitting, and monitoring, as necessary. Payment will be on a unit price basis, wherein measurement will be made.
10. **COMPACTED SOIL LINER (18" 1x10⁻⁵ cm/sec):** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the compacted soil liner installation as detailed in the Contract Documents. Material shall be obtained from an on-site or off-site source and include cut/fill operations to be incorporated into the Work. This item also includes the tie-in to Phase IV. Testing will be paid under item 2. Payment will be on a lump sum basis, wherein no measurement will be made.
11. **GEOSYNTHETIC CLAY LINER (GCL):** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to install the GCL where shown on the Contract Documents. This Work shall include all material delivery, stockpiling, protection, placement, and connections. Testing will be paid under item 2. Payment will be on a lump sum basis, wherein no measurement will be made.
12. **60 mil HDPE GEOMEMBRANE:** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the installation of HDPE geomembrane, including furnishing specified materials and documentation associated with manufacture of the materials, delivery, stockpiling, inventory, deployment, placement, protection, cleaning, patching, and seaming of geomembrane components where shown on the Contract Documents. This item also includes the tie-in to Phase IV, anchor trench, and installation of liner marker posts. Testing will be paid under item 2. Payment will be on a lump sum basis, wherein no measurement will be made.

13. **GEOCOMPOSITE DRAINAGE LAYER:** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to install the geocomposite drainage layer above the 60 mil HDPE geomembrane component of the liner system. This Work shall include delivery, stockpiling, inventory, deployment, cleaning, securing, protecting, placing, seaming, and repairing the geocomposite layer where shown on the Contract Documents. Testing will be paid under item 2. Payment will be on a lump sum basis, wherein no measurement will be made.
14. **HDPE LEACHATE COLLECTION PIPING AND COLLECTION STONE:** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to install the gravity piping for leachate collection and cleanouts, including providing the perforated pipe, reducers, field welding (butt-fusion) the pipe segments, connection to Phase IV leachate collection pipes, installation of caps (where required), placement of collection pipes, cleanout pipes, riser pipes to enclosure, preparation of fabrication drawings, shop fabricated fittings, placement of bedding, backfilling, cleaning, video and dewatering where shown on the Contract Documents. The construction and placement of concrete anchor blocks for the cleanouts with embedded HDPE is included in this item. This Work includes cleaning HDPE leachate piping as necessary and supplying video documentation to prove it is properly installed and clean. See Section 40 05 33. In addition, This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary, including documentation of compliance with the Specifications, production, delivery, stockpiling, testing and placing the stone material to the lines and grades indicated where shown on the Contract Documents. This item includes sump and leachate columns. Payment will be on a lump sum basis, wherein no measurement will be made.
15. **SEPARATOR GEOTEXTILE:** This work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to install the geotextile both around the gravel column surrounding the leachate collection pipe and the operational layer gravel where shown on the Contract Documents. Cushion geotextile is included as a part of this work. Payment will be made on a lump sum basis, wherein no measurement will be made.
16. **OPERATIONAL LAYER SOIL AND SUBCELL DIVIDER BERM:** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the installation of the operational layer soil as well as the installation of the subcell divider berm shown in the Contract Documents. Material shall be obtained from an on-site or off-site source and include cut/fill operations to be incorporated into the Work. Testing will be paid under item 2. Payment will be on a lump sum basis, wherein no measurement will be made.
17. **OPERATIONAL LAYER GRAVEL:** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the installation of the operational gravel layer. Test will be paid under item 2. Payment will be on a lump sum basis, wherein no measurement will be made.
18. **GEOSYNTHETIC RAIN COVER:** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the installation of the rain cover, including furnishing specified materials, documentation, deployment, protection, seaming, patching and blasting. The entire cell (liner limits or construction baseline) plus one foot around the perimeter is to be covered by rain cover. Payment will be on a lump sum basis, wherein no measurement will be made.
19. **LEACHATE ENCLOSURE:** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the Work, including furnishing and installing cast-in-place concrete structure, roof, fencing, gates, and appurtenances. This item includes the HDPE embedment on the outside of the structure. Testing will be paid under item 2. Payment will be on a lump sum basis, wherein no measurement will be made.
20. **LEACHATE PUMPS:** This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to furnish and install the leachate pumps at the leachate

enclosure. This work shall include all pump appurtenances, startup, and training as specified. Payment will be on a lump sum basis, wherein no measurement will be made.

21. LEACHATE FORCEMAIN AND MANHOLE REMOVAL: This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to install the pressure piping from the sump to Phase IV. This item includes stainless steel pipe, dual contained HDPE pipe, and all associated valves, fittings, gauges, flowmeter, heat tracing and insulation. Testing will be paid under item 2. In addition, this Work covers the removal of an existing manhole. Payment will be on a lump sum basis, wherein no measurement will be made.
22. ELECTRICAL, INSTRUMENTATION AND CONTROL: This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to furnish and install the electrical components, equipment, instrumentation and controls as shown on the Drawings and as specified in the Contract Documents related to handling leachate for Cell. Work includes connection to electrical service. CONTRACTOR is responsible for coordinating with local power provider. Payment will be on a lump sum basis, wherein no measurement will be made.
23. AIR COMPRESSOR: This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to install an air compressor for the flare system in the location shown in the Contract Drawings and specified in the Contract Documents. Payment will be on a lump sum basis, wherein no measurement will be made.
24. SEEDING: This Work consists of furnishing all equipment, materials, labor, and appurtenances to provide seeding, nutrients (fertilizer/lime), and mulch to those areas which have been disturbed by the CONTRACTOR and/or require repair. All areas to be seeded are subject to approval by Owner and Engineer. This item includes soil testing to determine nutrients needed to promote the seeding. The Owner may elect to approve any portion of the area or none. Payment will be on a unit price basis, wherein measurement will be made by plan view quantity.
25. PERIMETER ROAD – STONE: This Work shall consist of furnishing all necessary materials, equipment, labor, and appurtenances necessary to construct the stone perimeter road in the locations shown on the Drawings and as specified in the Contract Documents. Payment for this bid item will be on a lump sum basis, wherein no measurement will be made.
26. PERIMETER ROAD – ASPHALT PAVING: This Work shall consist of furnishing all necessary materials, equipment, labor, and appurtenances necessary to pave the perimeter road in the locations shown on the Drawings and as specified in the Contract Documents. Payment for this bid item will be on a lump sum basis, wherein no measurement will be made.
27. ROAD WIDENING AND CULVERT REPLACEMENT ALONG ACCESS ROAD: This work shall consist of all necessary materials, equipment, labor and appurtenances necessary to widen the road and replace culvert along access road shown on sheet 02G-01 east of the White Goods Recycling Area and as specified in the Contract Documents. Payment for this bid item will be on a lump sum basis, wherein no measurement will be made.
28. WATER SUPPLY WELL: This work will consist of all necessary materials, equipment, labor, and appurtenances necessary to install and plumb a new water supply well to the maintenance facility. This line item is an allowance for the work up to the stated amount. Actual work effort and cost will be agreed to in writing between all involved parties and applied to the allowance.
29. CONTINGENCY: This allowance shall be used only upon issuance of a written change order. Any unused portion of the allowance remaining at the completion of the contract will revert back to the owner as a credit.

8. ALTERNATE BID ITEMS MEASUREMENT AND BASIS FOR PAYMENT

The line items below provide further description of the Work listed in the Alternate Bid Schedule. Some of the line items include approximate in place quantities as estimated by the Engineer. All estimated areas are measured on a plan view basis where no adjustment is made for slope. For any unit price items based on areas, measurement will also be measured on a plan view basis without adjustment for slope. The Contractor shall not rely on the quantities given but shall instead estimate all quantities independently as required to complete the Bid. The price associated with each Lump Sum item shall be the full compensation paid for the Work described, regardless of the Engineer's or Contractor's estimated quantity. For Lump Sum items, no claim shall be made by the Contractor for deviations between the Contractor's estimated quantity and the actual quantity required to complete the Work described.

1. COMPACTED SOIL LINER (24" 1×10^{-7} cm/sec): If this alternate is selected, it will replace base bid items 9 and 10. This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the compacted soil liner installation as detailed in the Contract Documents. Material shall be obtained from an on-site or off-site source and include cut/fill operations to be incorporated into the Work. This item also includes the tie-in to Phase IV. Testing will be paid under item 2. Payment will be on a lump sum basis, wherein no measurement will be made.
2. FLEXAMAT® STANDARD CHANNEL LINING: If this alternate is selected, it will replace base bid item 5 (Rip Rap Lined Channels). The Flexamat® Standard is a system with various layers which are included in this item. This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the installation as required by the manufacturer. Payment will be on a lump sum basis, wherein no measurement will be made.
3. HYDROTURF® CS TYPE 1 CHANNEL LINING: If this alternate is selected, it will replace base bid item 5 (Rip Rap Lined Channels). The Hydroturf® CS Type 1 is a system with various layers which are included in this item. This Work shall consist of furnishing all equipment, materials, labor, and appurtenances necessary to complete the installation as required by the manufacturer. Payment will be on a lump sum basis, wherein no measurement will be made.

9. COMPLETION

Bidder agrees that the Work will be completed and ready for final payment in accordance with the Contract.

Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified in the Agreement.

10. ADDRESS FOR COMMUNICATIONS

Communications concerning this Bid shall be addressed to the Bidder at the address indicated below.

Name: Alex Sullivan

Telephone #: 980-581-8102

Email Address: ASULLIVAN@NJRGROUPINC.COM

11. AUTHORIZED SIGNATURES

SUBMITTED on January 4, 2023

If Bidder is:

An Individual

By _____ (SEAL)
(Individual's name)

doing business as _____

Business address: _____

FEIN: _____

A Partnership

By _____ (SEAL)
(Firm name)

(General partner)

Business address: _____

FEIN: _____

A Corporation

By NJR GROUP INC (SEAL)
(Corporation name)

NC
(State of incorporation)

By [Signature] (SEAL)
(Name of person authorized to sign)

President
(Title)

(Corporate Seal)



Attest [Signature]
(Secretary)

Business address: 1721 US HWY 52 N

Albemarle NC 28001

FEIN: 47-3588180

END OF SECTION

Expiration Date

12/31/2023

License No.

77426

North Carolina

Licensing Board for General Contractors

This is to Certify That:

NJR Group, Inc.

Albemarle, NC

is duly registered and entitled to practice

General Contracting

Limitation: Unlimited

Classification: Building, Highway, PU(Water Lines & Sewer Lines)

until

December 31, 2023

when this Certificate expires.

Witness our hands and seal of the Board.

Dated, Raleigh, N.C.

01/01/2023

This certificate may not be altered.



Lisa Piercy
Chairman

C. Frank Wiener
Secretary-Treasurer

Expiration Date

12/31/2023

License No.

77426

North Carolina

Licensing Board for General Contractors

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Classification: Building, Highway, PU(Water Lines & Sewer Lines)

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01/01/2023

This certificate may not be altered.



Lisa Leroy
Chairman

C. Frank Wiener
Secretary-Treasurer



January 4, 2023

Re: Rowan Landfill Phase V Expansion

See below for Project Personnel:

Project Manager: Nathan Russell (704) 984-1650 & Alex Sullivan (704) 726-0936

Superintendent: Jim Russell

Safety: Ben Speights (704) 985-5285

Emergency Contacts: Nathan Russell (704) 984-1650

David Coble (704) 985-2812

Brian Jones (980) 581-0246

Alex Sullivan (704) 726-0936

Karmen Russell (980) 581-8102

If you have any questions, please give me a call.

Sincerely,

Alexander Sullivan
NJR Group Inc

Nathaniel J Russell

1017 Beveledere Dr

Albemarle, NC 28001

Phone: 704-984-1650

Email: nrussell@njrgroupinc.com

SUMMARY

FORWARD THINKING AND PERFORMANCE-DRIVEN PROFESSIONAL WITH THE ABILITY TO SUPPORT ENGINEERING PROJECTS FOR ROADS, RAIL INFRASTRUCTURE, BUILDINGS AND BRIDGES WORKS. POSSESS STRONG INTERPERSONAL AND PROJECT MANAGEMENT SKILLS NECESSARY TO MOTIVATE TEAM MEMBERS TO EFFECTIVELY MEET STRATEGIC GOALS AND BOTTOM LINE OBJECTIVES.

HIGHLIGHTS

- STRATEGIC DEVELOPMENT & CORPORATE PLANNING
- GENERATE COST EFFICIENT DESIGNS FOR INTERNAL CAPITAL IMPROVEMENT PROJECTS
- SUBMIT DOCUMENTATION FOR GOVERNMENT PERMITS
- ESTIMATE AND SUBMIT BIDS FOR FEDERAL, STATE, AND COMMERCIAL CONSTRUCTION PROJECTS
- PROJECT MANAGEMENT
- OPERATIONAL ANALYSIS
- TECHNICAL PLAN EXECUTION
- MATERIALS MANAGEMENT
- COMPLEX PROBLEM SOLVER
- CRITICAL THINKER

EXPERIENCE

ENGINEER – ESTIMATOR –PROJECT MANAGER - Owner
NJR GROUP

06/2016 – Current
ALBEMARLE, NC

- ESTIMATE DESIGN BUILD PROJECTS, DESIGN BID BUILD PROJECTS, NCDOT PROJECTS, AND PRIVATE PROJECTS
- PROJECT MANAGE VARIOUS CONSTRUCTION PROJECTS

- PLAN AND DIRECT THE EXECUTION OF TECHNICAL, ECONOMICAL, AND ADMINISTRATIVE FUNCTIONS OF VARIOUS PROJECTS
- PRODUCE AND ISSUE SUBCONTRACTS, SUBMITTALS, TECHNICAL SPECIFICATIONS , AND DATA SHEETS
- STRATEGIC PLANNING

ENGINEER – ESTIMATOR –PROJECT MANAGER
J.T. RUSSELL & SONS, INC

06/2004 -06/2016
ALBEMARLE, NC

- ESTIMATE DESIGN BUILD PROJECTS, DESIGN BID BUILD PROJECTS, NCDOT PROJECTS, AND PRIVATE PROJECTS
- PROJECT MANAGE VARIOUS CONSTRUCTION PROJECTS
- PLAN AND DIRECT THE EXECUTION OF TECHNICAL, ECONOMICAL, AND ADMINISTRATIVE FUNCTIONS OF VARIOUS PROJECTS
- PRODUCE AND ISSUE SUBCONTRACTS, SUBMITTALS, TECHNICAL SPECIFICATIONS , AND DATA SHEETS

ASST SUPERINTENDENT - OPERATOR –LAB TECHNICIAN - LABOR
J.T. RUSSELL & SONS, INC –PART TIME

06/1998 To 06/2004
ALBEMARLE, NC

- ☐ ASPHALT PLANT OPERATOR / ASST LAB TECH
- ☐ HEAVY EQUIPMENT OPERATOR
- ☐ PAVING SUPERINTENDENT
- ☐ PIPE FOREMAN
- ☐ LABORER

EDUCATION

BACHELOR OF SCIENCE: CIVIL ENGINEERING
 UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE

2007
 CHARLOTTE, NC

AFFILIATIONS

AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE), CAROLINA ASPHALT PAVEMENT ASSOCIATION (CAPA)

LICENSES - CERTIFICATION

LICENSED GENERAL CONTRACTOR – GEORGIA, NORTH CAROLINA, SOUTH CAROLINA, Arizona, Tennessee AND VIRGINIA
 NASCLA CREDIT

ALCOHOL TABACCO & FIREARMS BLASTING LICENSE NORTH CAROLINA
DOT ROADWAY CERTIFIED
MSHA PART 46 CERTIFIED, FIRST AID & CPR CERTIFIED
CDL DRIVERS LICENSE W/ HAZARD + TANKER ENDORSEMENTS NCDOT EROSION
CONTROL CERTIFIED
GEORGIA SOIL & WATER LEVEL 1 EROSION CONTROL CERTIFIED

TECHNICAL SKILLS

AUTO-CAD, CARLSON CIVIL 3-D, AGTEK 3-D, SURE TRACK PROJECT MANAGEMENT, EXCEL, WORD, AND
POWER POINT.

Report Selections Criteria

Equipment Code:	ALL	Division:	ALL
Equipment Type:	ALL	Area:	ALL
Yard Code:	ALL	Equipment Status:	ALL
Purchase Type:	Own,Lease,Rent	Status types:	Active,Inactive
Print notes:	No	Include warranties:	No
Include components:	No	Include statistics:	No
Include compliance:	No		

NJR GROUP INC

Summary Equipment File Listing Sorted by Equipment Code

Equipment:	Equipment Type	Year	Make	Model	Weight Class	Serial #	Status	Description
ME	GATE							
Equipment:	Mechanical Equipment							
Equipment:	1-100						1	Active
PU	Pick Up Truck							
Equipment:	1-101						1	Active
PU	Pick Up Truck							
Equipment:	1-102						1	Active
PU	Pick Up Truck							
Equipment:	1-103						1	Active
PU	Pick Up Truck							
Equipment:	1-104						1	Active
VEH	Vehicle							
Equipment:	1-105						1	Active
PU	Pick Up Truck							
Equipment:	1-106						1	Active
VEH	Vehicle							
Equipment:	1-107						1	Active
VEH	Vehicle							
Equipment:	1-108						1	Active
PU	Pick Up Truck							
Equipment:	1-109						1	Active
PU	Pick Up Truck							
Equipment:	1-110						1	Active
PU	Pick Up Truck							
Equipment:	1-111						1	Active
PU	Pick Up Truck							
Equipment:	1-112						1	Active
PU	Pick Up Truck							
Equipment:	1-113						1	Active
PU	Pick Up Truck							
Equipment:	1-114						1	Active
PU	Pick Up Truck							

NJR GROUP INC

Summary Equipment File Listing Sorted by Equipment Code

Equipment Type		Year	Make	Model	Weight Class	Serial #	Status	Description
SCR	Screener	16	POWERSCREEN	750		PID00137PDG652437	1	Active
Equipment:	2-200		Sakai 84"					
RL	Roller	14	SAKAI	SV54OT	3SV5310189		1	Active
Equipment:	2-201		Bomag Walk Behind					
RL	Roller	13	BOMAG	BM/P8500	101720113395		1	Active
Equipment:	2-202		CAT ROLLER CB34B					
RL	Roller	18	CATERPILLAR	CB34B	042300257		1	Active
Equipment:	2-203		Hamm Roller					
RL	Roller	18	HAMM	HD120I	H243-0156		1	Active
Equipment:	2-204		John Deere SW770HF DD Sakai Ro					
RL	Roller	18	SAKAI	SW770HF	4SW8-10233		1	Active
Equipment:	2-205		HAMM RL GRW1801-10					
RL	Roller	19	HAMM	GRW1801-10	H2280223		1	Active
Equipment:	2-206		SAKAI SV4114T					
RL	Roller	19	SAKAI	SV414T	3SV59-60191		1	Active
Equipment:	2-250		Broom					
BR	Broom	18	JOHN DEERE	RJT350	3001723		1	Active
Equipment:	2-251		Broom w/blade					
BR	Broom	19	BROCE	RJT350	0KY203734		1	Active
Equipment:	2-300		Excavator					
EXC	Excavator	15	CATERPILLAR	336F	RKB00720		1	Active
Equipment:	2-301		Excavator					
EXC	Excavator	14	HITACHI	250G	1FFDCB70HDE430278		1	Active
Equipment:	2-302		Excavator					
EXC	Excavator	18	CATERPILLAR	323	0RAZ00333		1	Active
Equipment:	2-303		CAT 336FL					
EXC	Excavator	17	CATERPILLAR	336FL	0RKB10127		1	Active
Equipment:	2-304		315FL Excavator					
EXC	Excavator	19	CATERPILLAR	315FL	TDY12915		1	Active
Equipment:	2-330		Excavator					
EXC	Excavator	13	JOHN DEERE	35D	1FF035DXHCG268768		1	Active
Equipment:	2-350		Volvo Rubber Tire Exc					
EXC	Excavator	18	VOLVO	EW180E	180E320399		1	Active
Equipment:	2-400		CAT Motorgrader					
MG	Motor Grader	14	CATERPILLAR	12M3	N9F00194		1	Active
Equipment:	2-500		Dozer					
DZ	Dozer	15	CATERPILLAR	D6N	PER00875		1	Active
Equipment:	2-501		Dozer					
DZ	Dozer	18	CATERPILLAR	D5K2	0KY203734		1	Active
Equipment:	2-600		Backhoe Loader					

NJR GROUP INC

Summary Equipment File Listing Sorted by Equipment Code

Equipment Type		Year	Make	Model	Weight Class	Serial #	Status	Description
TR	Trailer	19	KRAFTSMAN			5E7GG2027KR004165	1	Active
Equipment:	3-605							
TR	Trailer	19	CARRY-ON	5X8G		4YMBU0818KG015830	1	Active
Equipment:	3-606							
TR	Trailer	20	LAMAR	WP803227		5RVWP3220LP087857	1	Active
Equipment:	3-607							
TR	Trailer	20	KRAFTSMAN	T6-15		5E7T62226LA001014	1	Active
Equipment:	3-608							
TR	Trailer	20	EAST TEXAS TRAILER	SW6010031		58SBU1010LE019621	1	Active
Equipment:	3-609							
TR	Trailer	18	MAACK	30FT DUMP TRAILER		5MADA2833JC043412	1	Active
Equipment:	3-650							
CAB	Cab and Chassis	18	PALFINGER	PCB13-11CS			1	Active
Equipment:	3-700							
MIS	Miscellaneous	18				B82870980	1	Active
Equipment:	3-701							
MIS	Miscellaneous						1	Active
Equipment:	3-750							
TR	Trailer	18	MULTIQUIP	WT5C		42810	1	Active
Equipment:	3-751							
TR	Trailer	20	WEILER	TT250		TT250-135	1	Active
Equipment:	3-800							
ME	Mechanical Equipment	17	MILLER	TRAIL BLAZER 325		MH120046R	1	Inactive
Equipment:	3-801							
ME	Mechanical Equipment	17	MILLER	TRAILBLAZER 275		010982R	1	Inactive
Equipment:	3-850							
ME	Mechanical Equipment		GENERAC	0066720		8896413A	1	Inactive
Equipment:	3-900							
GPS	Global Positioning System		TOPCON	X531 3D EXCAVATOR S			1	Active
Equipment:	3-901							
GPS	Global Positioning System		TOPCON	MMGPS COMPONENTS			1	Active
Equipment:	3-902							
GPS	Global Positioning System		TOPCON	NET G3A			1	Active
Equipment:	3-903							
GPS	Global Positioning System		TOPCON	INTUICOM RTK BRIDGE			1	Active
Equipment:	3-904							
GPS	Global Positioning System		TOPCON	FC-500			1	Active
Equipment:	3-905							
GPS	Global Positioning System		TOPCON				1	Active
Equipment:	3-906							
GPS	Global Positioning System		TOPCON				1	Active

NJR GROUP INC

Summary Equipment File Listing Sorted by Equipment Code

Equipment Type		Year	Make	Model	Weight Class	Serial #	Status	Description
ME	Mechanical Equipment	18	INGERSOLL RAND	7.5 HP 80	CBV566956		1	Active
Equipment:	4-253 Air Compressor							
ME	Mechanical Equipment	14	ATLASCOPCO	XAS185JD	HOP046124		1	Active
Equipment:	4-700 Conex							
CON	Conex	17	CONEX				1	Active
Equipment:	4-701 Conex (Temp)							
CON	Conex	18	CONEX				1	Active
Equipment:	4-702 20' Conex							
CON	Conex						1	Active
Equipment:	4-703 20' Conex							
CON	Conex	08	CONEX		IKKTU 788666		1	Active
Equipment:	4-704 20' Conex - Bought in AZ -Blue							
CON	Conex		CONEX		307308-0		1	Active
Equipment:	4-800 Light tower Towable Small							
LP	Light Plant	13	MAGNUM PRO	MLT3060	1307787		1	Active
Equipment:	4-801 Light Tower Towable Small							
LP	Light Plant	13	MAGNUM PRO	MLT3060	1300756		1	Active
Equipment:	5-000 Small Tools							
ST	Small Tools						1	Active
Equipment:	5-100 Concrete Saw TS-420							
ST	Small Tools	18	STIHL	TS 420	0000 967 4000 B FID		1	Active
Equipment:	5-101 RAMMER - Large							
ST	Small Tools	18	BOMAG	BT 60	101541126314		1	Active
Equipment:	5-102 Rammer Large							
ST	Small Tools	13	MULTIQUIP	MTX70			1	Active
Equipment:	5-103 Concrete Saw TS-420							
ST	Small Tools	18	STIHL	TS 420	184187805		1	Active
Equipment:	5-104 Core Drill							
ST	Small Tools	15	DIAMOND PR	M1C-20-MMW4096-V	798C315190126		1	Active
Equipment:	5-105 Concrete Vibrator							
ST	Small Tools	17	WYCO	WSD1T	0417-0156		1	Active
Equipment:	5-106 Plate Tamp							
ST	Small Tools	18	WACKER	WP1550	10871850		1	Active
Equipment:	5-107 HUSQVARNA BLOWER							
ST	Small Tools	17	HUSQVARNA	580BTS	20174000358		1	Active
Equipment:	5-108 Concrete Saw TS-420							
ST	Small Tools	19	STIHL	TS 420	186454302		1	Active
Equipment:	5-500 Security Camera							
SC	Security	21					1	Active
Equipment:	9-000 Apple Computer (Karmens)							



January 4, 2023

Re: Rowan Landfill Phase V Expansion

See below for Project Personnel:

Project Manager: Nathan Russell (704) 984-1650 & Alex Sullivan (704) 726-0936

Superintendent: Jim Russell

Safety: Ben Speights (704) 985-5285

Emergency Contacts: Nathan Russell (704) 984-1650

David Coble (704) 985-2812

Brian Jones (980) 581-0246

Alex Sullivan (704) 726-0936

Karmen Russell (980) 581-8102

If you have any questions, please give me a call.

Sincerely,

Alexander Sullivan
NJR Group Inc

FORM OF BID BOND

KNOW ALL MEN BY THESE PRESENTS THAT _____

NJR Group, Inc. as
principal, and Travelers Casualty and Surety Company of America, as surety, who is
duly licensed to act as surety in North Carolina, are held and firmly bound unto
Rowan County as obligee,
in the penal sum of Five Percent of Amount Bid 5% DOLLARS, lawful money of
the United States of America, for the payment of which, well and truly to be made, we bind
ourselves, our heirs, executors, administrators, successors and assigns, jointly and
severally, firmly by these presents.

Signed, sealed and dated this 4th day of January, 2023

WHEREAS, the said principal is herewith submitting proposal for

RFP #2023-008 MSW Landfill Phase V Construction

and the principal desires to file this bid bond in lieu of making the cash deposit as required
by G.S. 143-129.

NOW, THEREFORE, THE CONDITION OF THE ABOVE OBLIGATION is such, that
if the principal shall be awarded the contract for which the bid is submitted and shall
execute the contract and give bond for the faithful performance thereof within ten days after
the award of same to the principal, then this obligation shall be null and void; but if the
principal fails to so execute such contract and give performance bond as required by G.S.
143-129, the surety shall, upon demand, forthwith pay to the obligee the amount set forth in
the first paragraph hereof. Provided further, that the bid may be withdrawn as provided by
G.S. 143-129.1

NJR Group, Inc. (SEAL)

By: *Anthony J. Reed* (SEAL)

(SEAL)

Travelers Casualty and Surety Company of America (SEAL)

By: *Sara Grace Deese* (SEAL)
Sara Grace Deese, Attorney-in-Fact





Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company
Farmington Casualty Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Sara Grace Deese of Charlotte, NC, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge the following bond:

Surety Bond No.: Bid Bond

OR

Principal: NJR Group, Inc.

Obligee: Rowan County

Project Description: RFP #2023-008 MSW Landfill Phase V Construction

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 21st day of April, 2021.



State of Connecticut

By: 
 Robert L. Raney, Senior Vice President

City of Hartford ss.

On this the 21st day of April, 2021, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2026




 Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is


FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 4th day of January, 2023.




 Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
 Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

2022											
NJR Group - NJR											
Job Description	Owner	Location	Customer/Prime	Contract Amt	Job Number	Date Signed/Awarded	Availability Date	Completion Date	Description of Work	Contact	Contact Phone Number
Knoxville Ethanol Intermodal Facility	Eco Energy	Knoxville, TN	JTR - Project Manager	\$3,200,000.00	14208	July 8, 2014	September 1, 2015	May 1, 2015	Grading, Drainage, Paving, Concrete Foundations, Rail Construction, Mechanical	Chad Conn	615-778-2898
Stanly County Airport Airfield Pavement Rehabilitation	Stanly County Airport Engineer: Talbert & Bright	Albemarle, NC	Stanly County - Project Manager	\$5,892,939.08	3803-0903	August 16, 2011		December 1, 2011	Airfield Paving, AST, Milling	Chad Vernon	704-426-6070
City of Lexington Street Repairs	City of Lexington	Lexington, NC	JTR - Asst Project Manager	\$434,704.99	14209	August 8, 2014			Resurfacing, Ast	Roger Jones	336-248-3930
Healing Springs Ethanol Intermodal Facility	Eco-Energy Distribution High Rock, LLC	Healing Springs, NC	JTR - Project Manager	\$8,049,330.00	09508	October 1, 2011		April 1, 2012	Grading, Drainage, Paving, Concrete Foundations, Culvert, Rail	Chad Conn	615-778-2898
Alexandria Ethanol Facility	Eco Energy	Alexandria, VA	JTR - Project Manager	\$5,200,000.00	15000	April 1, 2015	April 1, 2015	September 2, 2016	Grading, Drainage, Stone Base, Paving, Concrete Foundations, Mechanical, Electrical	Chad Conn	615-778-2898
Selma Ethanol Facility	Eco Energy	Selma, NC	JTR - Project Manager	\$9,800,000.00	16000	February 1, 2016	February 1, 2015	February 2, 2017	Grading, Drainage, Stone Base, Paving, Bridge, Concrete Foundations, Mechanical, Electrical	Chad Conn	615-778-2898
Union County BRZ-2153(3) WBS45356.3.FD28	NCDOT	Union County, NC	TCB - Asst Project Manager	\$63,496.00	DJ00139	November 21, 2014			Paving	Phil Brown	336-224-2200
Montgomery NC24/27 TROY BYPASS	NCDOT	Troy, NC	JTR - Asst Project Manager	\$45,066,522.65	C203494	December 30, 2014	December 29, 2014		Grading, Drainage, Stone Base, Paving, Bridges, Blasting	Ruben Blakley	910-944-7621
Misc Asphalt CASE WORK Cabarrus County	NCDOT	Cabarrus County, NC	JTR - Asst Project Manager	\$1,288,408.75	3600036328	January 1, 2015			Various Asphalt	Mark Morgan	704-983-4340
Misc Asphalt CASE WORK Stanly County	NCDOT	Stanly County, NC	JTR - Asst Project Manager	\$1,307,578.00	3600036327	January 1, 2015			Various Asphalt	Mark Morgan	704-983-4341
Bridge #019 Over Branch Mountain Creek (Stony Hill Rd) Stanly County culvert	NCDOT	Stanly County, NC	JTR - Asst Project Manager	\$296,881.05	DJ00140	January 5, 2015	January 5, 2015	November 10, 2015	Grading, Drainage, Paving, Bridge	David Black	704-741-4880
Cabarrus County Replace Bridge#244 Over Muddy Creek on SR#1145 WBS#17BP.10.R.2	NCDOT	Cabarrus County, NC	JTR - Asst Project Manager	\$384,513.71	DJ00092	January 14, 2013	February 1, 2013	November 28, 2013	Grading, Drainage, Paving, Culvert	David Black	704-741-4881
Cabarrus County Replace Bridge#106 Over Little Bear Crk, Replace Bridge#290 Over Unnamed Tributary	NCDOT	Cabarrus County, NC	JTR - Asst Project Manager	\$488,312.04	DJ00091	January 8, 2013	February 1, 2013	November 28, 2013	Grading, Drainage, Paving, Culvert	David Black	704-741-4882
Stanly County Replace Bridge#148 and #149 over Curl Tail Creek	NCDOT	Stanly County, NC	JTR - Asst Project Manager	\$659,401.60	DJ00095	February 28, 2013	April 1, 2013	June 3, 2014	Grading, Drainage, Paving, Culvert	David Black	704-741-4884
Stanly County Replace Bridge#220 over South Ugly Creek	NCDOT	Stanly County, NC	JTR - Asst Project Manager	\$228,909.66	DJ00094	March 8, 2013	March 18, 2013	January 26, 2014	Grading, Drainage, Paving, Culvert	David Black	704-741-4880
EcoEnergy Cartersville 80 Car Unit	ECO	Cartersville, GA	JTR - Project Manager	\$13,780,408.29	12204	November 8, 2012			Grading, Drainage, Stone Base, Paving, Concrete Foundation	Chad Conn	615-778-2898
Davidson County Landfill	Davidson County	Lexington, NC	JTR - Project Manager	\$1,985,283.50	13107	October 8, 2013			Grading, Drainage, Leachate Drainage, Liner	Pieter Scheer	919-828-0577
Augusta Ethanol Intermodal Facility	Eco Energy	Augusta, GA	JTR - Project Manager	\$9,255,000.00	14200		August 16, 2014	May 2, 2015	Grading, Drainage, Stone Base, Paving, Concrete Foundations, Rail	Chad Conn	615-778-2898
Rowan County Landfill Phase IV	Rowan County	Rowan County, NC	JTR - Project Manager	\$5,800,000.00	14203		February 3, 2014	December 16, 2014	Grading, Drainage, Stone Base, Paving, Liner	Mike Plummer	704-338-6700
Eco Energy Charlotte 2017	Eco Energy	Mecklenburg County, NC	NJR - Project Manager	\$12,500,000.00	17100		January 5, 2017	December 1, 2017	Grading, Drainage, Paving, Concrete Foundations, Structures, Rail Construction, Mechanical	Chad Conn	615-778-2898
Eco Energy Knoxville 2017	Eco Energy	Knox County, TN	NJR - Project Manager	\$1,300,000.00	17150		February 1, 2017	August 1, 2017	Grading, Drainage, Paving, Concrete Foundations, Structures, Rail Construction, Mechanical	Chad Conn	615-778-2898
C203672 Old Beatty Ford Rd Widening	NCDOT	Salisbury, NC	NJR - Project Manager	\$12,672,000.00	C203672	June 20, 2017	March 15, 2018	June 1, 2020	Grading, Drainage, Paving, Culvert	Kelly Seitz	704-639-7560
NC 73 Turn Lane	NCDOT	Albemarle, NC	NJR - Project Manager	\$378,000.00	DJ00254	August 16, 2017	September 1, 2017	December 1, 2017	Grading, Drainage, Paving	Jeff Littlefield	704-983-4400
Cabarrus Culvert	NCDOT	Albemarle, NC	NJR - Project Manager	\$675,000.00	DJ00294	June 16, 2018	September 1, 2018	March 1, 2019	Grading, Drainage, Paving, Structures	Garland Haywood	704-983-4400
Davidson County Anna Lewis	NCDOT	Salisbury, NC	NJR - Project Manager	\$1,300,000.00	DI00203	May 17, 2018	August 1, 2018	April 1, 2019	Grading, Drainage, Paving	Chris Corriher	704-639-7560
Rowan Resurfacing	NCDOT	Salisbury, NC	NJR - Project Manager	\$2,800,000.00	DI00206	June 13, 2018	February 1, 2019	July 1, 2019	Resurfacing Paving	Chris Corriher	704-639-7560
Rowan Resurfacing	NCDOT	Salisbury, NC	NJR - Project Manager	\$2,100,000.00	DI00213	September 26, 2018	April 1, 2019	May 1, 2020	Grading, Drainage, Paving	Kelly Seitz	704-639-7560
Montgomery Fuel Farm	NCDOT	Star, NC	NJR - Project Manager	\$200,000.00	18335	August 14, 2018	October 1, 2018	May 1, 2020	Fuel Farm Airfield	James Moose	704-954-9008
Lake Tillery Bridge	NCDOT - PCL	Albemarle, NC	NJR - Project Manager	\$1,200,000.00		November 20, 2018	February 1, 2019	December 1, 2021	Grading, Drainage, Paving, Welding, Fabrication	Christopher Fine	704-983-4400
Eco Energy Phoenix Terminal Addition	Eco Energy	Phoenix, AZ	NJR - Project Manager	\$7,000,000.00		February 14, 2020	March 1, 2020	January 1, 2021	Fuel Farm Airfield	Chad Conn	615-778-2898
Eco Energy Cartersville Terminal Addition	Eco Energy	Cartersville, GA	NJR - Project Manager	\$1,000,000.00		April 15, 2020	May 1, 2020	January 1, 2021	NGT Expansion - Grading, Drainage, Stonebase, Paving, Rail	Chad Conn	615-778-2898
Charlotte Douglas Fuel Farm Expansion	City of Charlotte Aviation	Charlotte, NC	NJR - Project Manager	\$8,000,000.00		April 15, 2020	June 1, 2020	June 1, 2021	Fuel Farm Airfield	Ashton Watson	
DJ00347 Back Creek Church Rd	NCDOT	Albemarle, NC	NJR - Project Manager	\$925,000.00	DJ00347	June 16, 2019	September 1, 2019	July 1, 2020	Grading, Drainage, Paving	Ray Isenburg	704-983-4400
DJ00333 Stanly Resurfacing	NCDOT	Albemarle, NC	NJR - Project Manager	\$378,000.00	DJ00333	July 16, 2019	September 1, 2019	July 1, 2021	Resurfacing Paving	Christopher Fine	704-983-4400
DI00226 Rowan Bridge	NCDOT	Albemarle, NC	NJR - Project Manager	\$650,000.00	DI00226	April 6, 2021	May 8, 2021	September 30, 2021	Grading, Drainage, Paving, Structures	Kelly Seltz	704-639-7560
Town of Cornelious - Bailey Road Improvements	Cornelious /NCDOT	Albemarle, NC	NJR - Project Manager	\$1,900,000.00		August 1, 2020	March 1, 2021	March 1, 2022	Grading, Drainage, Paving,	Tyler Beadsley	704-892-6031
C204678 Rowan Resurfacing	NCDOT	Albemarle, NC	NJR - Project Manager	\$6,500,000.00		November 15, 2021	March 15, 2022	September 30, 2023	Resurfacing Paving	Kelly Seitz	704-639-7560
C204686 Cabarrus Resurfacing	NCDOT	Albemarle, NC	NJR - Project Manager	\$5,500,000.00		December 21, 2021	March 16, 2022	October 15, 2023	Resurfacing Paving	Christopher Fine	704-983-4400
DJ00361 Lane Street	NCDOT	Albemarle, NC	NJR - Project Manager	\$2,200,000.00		September 15, 2021	March 15, 2022	October 16, 2023	Resurfacing Paving	Christopher Fine	704-983-4400