



TOWN OF RIVER BEND

45 Shoreline Drive
River Bend, NC 28562

T 252.638.3870

F 252.638.2580

www.riverbendnc.org

**RIVER BEND TOWN COUNCIL
Special Meeting
September 27, 2022
River Bend Town Hall
3:00 p.m.**

1. CALL TO ORDER (Mayor Kirkland Presiding)
2. **VOTE** – Approval of Agenda
3. **VOTE** – Funding for and award of bid for the construction of a new Public Works Facility
4. **VOTE** – Items related to the submission of a grant application for the town's water system.
5. DISCUSSION – Candidates Night
6. ADJOURNMENT



PO Box 541 New Bern NC 28563
(252) 636-8778 FAX (252) 636-8992

<p>Bid Tabulation Form Bids received Date: 09/15/2022 Time: 3:00 pm Project: River Bend Water/Sewer Administration Building River Bend, North Carolina</p>	<p>Alternates:</p> <p style="text-align: center;">N/A</p>
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Contractor	License #	Bid Bond, 5%	Addenda 1	Addenda 2	Addenda 3	Base Bid	1	2	Total
Waters Construction	81408	X	X	X	X	\$1,386,000.00	\$243,000.00	\$110,000.00	\$1,739,000.00
O'Connor Company	58959	X	X	X	X	\$1,612,000.00	\$335,000.00	\$205,000.00	\$2,152,000.00
Bruin Builders	62374	X	X	X	X	\$1,370,886.00	\$218,710.00	\$130,000.00	\$1,719,596.00

Certified: _____

9/22/2022

H



Mr. Delane Jackson
Town of RiverBend
Shoreline Dr.
River Bend, NC 28562

September 21st, 2022

RE: RiverBend Water/Sewer Administration Building - Contract Award Recommendation

Mr. Jackson:

A bid opening was held for the construction of the new Water/Sewer Administration Building for the Town of Riverbend in the RiverBend Town Hall Conference room at 3:00pm on September 15th, 2022. Three proposals were received, and the apparent low bidder was Bruin Builders.

Bruin Builders **Base Bid** was one million three hundred and seventy thousand eight hundred and eighty-six dollars \$1,370,886.00

Bruin Builders **Bid Alternate 01** was two hundred and eighteen thousand seven hundred and ten dollars \$218,710.00

Bruin Builders **Bid Alternate 02** was one hundred and thirty thousand dollars \$130,000.00

The total of the Base Bid and all alternates equals one million seven hundred and nineteen thousand five hundred and ninety-six dollars \$1,719,596.00

The bid documents received from Bruin Builders were in order with Bid Bond and all addenda acknowledged.

The Walker Group Architecture recommend that Bruin Builders be awarded the contract for the Water/Sewer Administration building, and both bid alternates. We recommend this award with the understanding that there shall be (2) Value engineering options explored starting at the onset of the construction contract agreement

Value Engineering Option 01 shall be to redesign and reduce the size of the concrete foundation and slab per the actual building reactions provided by the Pre-Engineered Metal Building Manufacturer.

Value Engineering Option 02 shall be to omit the additional steel frames at (3) coiling doors and finish the rough opening with Pre-Engineered metal building trim.

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The Project Contingency shall be 10% of construction cost:
One hundred seventy-one thousand nine hundred and sixty dollars

(\$171,960.00)

If you have any questions or concerns, please don't hesitate to call. Thank you.
Sincerely,



Chris Walker, RA

ITEM 3



**TOWN OF RIVER BEND
PUBLIC WORKS CAPITAL PROJECTS FUND ORDINANCE AMENDMENT #1**

BE IT ORDAINED by the Council of the Town of River Bend, North Carolina, that the Public Works Capital Projects Fund Ordinance be amended as follows:

Section 1. The following amounts are hereby appropriated for the operation of a Town Capital Projects Fund for the construction of a Public Works Building:

<u>CAPITAL PROJECTS FUND</u>		Original	Amended
<u>Revenues:</u>			
Operating Transfer from General Fund		964,378	
Operating Transfer from Sewer Capital Reserve Fund			_____
Operating Transfer from Water Capital Reserve Fund			_____
Operating Transfer from Sewer Fund			_____
Operating Transfer from Water Fund			_____
		964,378	_____
<u>Expenditures:</u>			
Architectural Services		71,500	
Land Acquisition		60,000	
Legal Services		2,000	
Miscellaneous		5,000	
Construction		825,878	_____
		964,378	_____

Section 2. It is estimated that revenues in the amounts indicated in the foregoing schedule will be available to support the foregoing appropriations.

Section 3. The Finance Officer is hereby authorized to maintain an appropriate Fund Chart of Accounts.

Section 4. Copies of this Ordinance shall be furnished to the Clerk, Town Council, Budget Officer and Finance Officer to be kept on file by them for their direction in the disbursement of funds.

Section 5. The capital projects funds are appropriated pursuant to section 13.2 of Chapter 159 of the General Statutes of North Carolina; therefore, appropriations do not lapse at the end of the fiscal year and are available for the duration of the project, estimated to be eighteen months, unless subsequently amended by Council action.

Adopted this 27th day of September, 2022.

John R. Kirkland, Mayor

Attest:

Kristie J. Nobles, Town Clerk

Resolution Adopting Capital Improvement Plan

WHEREAS, the Town of River Bend operates a public drinking water system; and

WHEREAS, the Town recognizes the value to plan for the long-range capital needs and costs of said system;

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of River Bend that Capital Improvement Plan 23-33, which covers FY 22-23 through FY 32-33 is hereby approved presented.

Adopted this 27th day of September, 2022

John R. Kirkland
Mayor

Attest:

Kristie Nobles

CAPITAL IMPROVEMENT PLAN
Water Fund

Adopted September 27, 2022

		2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2028-2033
Appropriation: Annual		0		745,810	20,000	40,000			100,000
Appropriation: Well pump		0	0	0	0				
Appropriation: Vehicles (50/50 W/S)		3,500	3,500	3,500	3,500	3,500	3,500	3,500	17,500
FY Appropriation:		\$ 3,500	\$ 3,500	\$ 749,310	\$ 58,500	\$ 9,436,500	\$ 15,500	\$ 18,500	\$ 124,500
Capital Projects	Project Completed								
<i>Administration:</i>									
Vehicle Replacement (split Water/Sewer)	Per schedule	11,000						15,000	
Equipment-backhoe (split with water and general)			30,000						
<i>Treatment</i>									
Well #1 Filter Media Rehab	09-10			13,000					
Well #2 Filter Media Rehab									
Treatment House interior filter painting		12,000							17,000
Well #1 Pump Building Expansion	13-14								25,000
Water Treatment Improvements (as designed by Rivers and Associates)						9,393,000			
Backup Generator					35,000				
<i>Distribution</i>									
Meter Replacement	12-13			732,810					
Industrial Meter Replacement							12,000		
Line to create loop									25,000
FY Expenditures:		23,000	30,000	745,810	35,000	9,393,000	12,000.00	15,000.00	124,000
		2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2032
Net Capital Cash:		\$ (19,500)	\$ (26,500)	\$ 3,500	\$ 23,500	\$ 43,500	\$ 3,500	\$ 3,500	\$ 500

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North Carolina Department of Environmental Quality

Division of Water Infrastructure

Application for Funding



(Last updated: July 2022)

1. General Information

Applicant Name Town of River Bend	County Craven	Unique Entity Identifier (UEI) QMRLTKVN7275
Project Name Water Treatment Improvements	Federal Tax ID # 56-1291141	PWSID or NPDES # (if applicable) 04-25-113
Applicant Type		Funding Amount Requested \$9,393,000
<input checked="" type="checkbox"/> Municipality	<input type="checkbox"/> Non-Profit Water Corporation	Total Project Cost \$9,393,000
<input type="checkbox"/> County	<input type="checkbox"/> Council of Government or Non-Profit Entity	
<input type="checkbox"/> Water and Sewer District	Partnering with Municipality or County for	
<input type="checkbox"/> Water and Sewer Authority	LASII Stormwater Project	
<input type="checkbox"/> Sanitary District	Other (Specify:)	

Funding Type(s) Requested

<p>Drinking Water or Wastewater Planning</p> <p><input type="checkbox"/> Asset Inventory and Assessment (AIA)</p> <p><input type="checkbox"/> Merger/Regionalization Feasibility (MRF) Study</p> <p><input type="checkbox"/> Pre-Construction Planning Grant (without construction)</p> <p><input type="checkbox"/> Stormwater Planning Grant (LASII)</p> <p><input type="checkbox"/> Develop and Implement a New Stormwater Utility (LASII)</p>	<p>Construction Project</p> <p><input checked="" type="checkbox"/> Drinking Water</p> <p><input type="checkbox"/> Wastewater</p> <p><input type="checkbox"/> CWSRF Green Project: stream restoration, stormwater SCM, reclaimed water</p> <p><input type="checkbox"/> CDBG-Infrastructure (CDBG-I)</p> <p><input type="checkbox"/> Stormwater Construction (LASII)</p>
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CDBG-I only:

LMI Determination Method: LMI Percentage:

ACS Survey

Acceptance of Funding Offer (for Construction Projects only)

These questions will be used to identify the best funding fit. Funding from the American Rescue Plan Act (ARPA) and CDBG-I is available as grants, and principal forgiveness is available from the State Revolving Funds.

1. I am willing to accept funding that includes federal conditions. Yes No
2. I will only accept a funding offer (loan and/or grant) if a minimum of \$? is offered as a grant or principal forgiveness. Enter \$0 if you are willing to accept a loan offer with no grant or principal forgiveness.
3. Because of the potential hardship related to a State Revolving Fund and/or State Reserve Program loan, this application seeks to replace the \$ loan awarded to the Insert Project Name (Insert project number) with grant funding. *Note: loans that have already received disbursements are not eligible.*

2. Drinking Water and Wastewater System Parameters (Not applicable for stormwater projects)

Residential Sewer Connections	Residential Water Connections	
954	1,467	
Non-Residential Sewer Connections	Non-Residential Water Connections	
12	13	
Monthly Sewer Bill per 5,000 gallons	Monthly Water Bill per 5,000 gallons	
\$70.68	\$36.34	
Percentage of Utility Bills Collected and Rate Increase Percentages		
Year	Percentage of Utility Bills Collected	Rate Increase Percentage
16/17	91.6%	0.0%
17/18	90.4%	0.0%
18/19	87.9%	-4.8%
19/20	86.9%	0.0%
20/21	88.2%	3.0%

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3. Applicant Contact Information

Authorized Representative Name: Delane Jackson

Authorized Representative Title: Town Manager

Mailing Address Line 1: 45 Shoreline Drive

Mailing Address Line 2:

City: River Bend

State: North Carolina

Zip Code: 28562

Physical Address Line 1: 45 Shoreline Drive

Physical Address Line 2:

Physical Address City: River Bend

Physical Address State: North Carolina

Physical Address Zip Code: 28562

Phone Number: 252-638-3870

Email Address: manager@riverbendnc.org

4. Application Preparer Contact Information

Firm Name: Rivers & Associates, Inc.

Contact Name: Gregory J. Churchill, P.E.

Mailing Address Line 1: P.O. Box 929

Mailing Address Line 2:

City: Greenville

State: North Carolina

Zip Code: 27835

Physical Address Line 1: 107 E. Second Street

Physical Address Line 2:

Physical Address City: Greenville

Physical Address State: North Carolina

Physical Address Zip Code: 27858

Phone Number: 252-752-4135

Email Address: gchurchill@riversandassociates.com

5. Engineer Contact Information

Is the engineering firm different from the application preparer? Yes No

Engineering Firm Name:

Contact Name:

Mailing Address 1:

Mailing Address 2:

City:

State:

Zip Code:

Physical Address Line 1:

Physical Address Line 2:

Physical Address City:

Physical Address State:

Physical Address Zip Code:

Phone Number:

Email Address:

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6. Project Description (see Instructions)

Prior to municipal incorporation of the Town of River Bend, the area was developed as a retirement community known as River Bend Plantation. The development was originally constructed in the late 1960's and continued to expand in subsequent years. The homeowners living in River Bend Plantation elected to pursue incorporation in the late 1970's, and the Town was subsequently chartered in 1981.

The existing water system currently consists of three (3) raw water wells that draw water from the Castle Hayne Aquifer. The combined 12-hour capacity of the wells is approximately 1.0 MGD. The raw water is characterized by elevated iron, manganese and hardness. Wells #1 and #2 supply raw water to the 0.60 MGD water treatment plant (WTP) located at the northeast corner of the intersection of Shoreline Drive and Plantation Drive (Re: 4a Water Distribution System Map.pdf). Well #3 supplies raw water to the 0.35 MGD WTP located adjacent to the Rhems Fire Department on Shoreline Drive. The primary treatment provided for by both treatment plants is removal of iron and manganese by way of pH adjustment, oxidation and filtration. The plants are not equipped for softening of the hard raw water. Individual customers provide residential softeners within their homes as desired.

The current Well #1 is an 8" well installed in 1985 by Craven Well Drilling Service to replace the original Well #1 which was installed in the late 1960's – early 1970's. Well #2 is a 6" well that was installed in 1977 by Craven Well Drilling Service. These initial wells were supplying raw water to the original WTP located at the Shoreline Drive/Plantation Drive intersection. Since the water system was owned and operated by Carolina Water Service at that time, the Town of River Bend does not have plans or specifications to document these early installation dates. In 1988, a larger well pump was installed in Well #1 and additional filters were installed in the original WTP serving both Wells #1 and #2. The current Well #3 is an 8" well installed in 1983 by Craven Well Drilling Service. The associated WTP (Rhems) supplied by Well #3 was constructed in 1984. Various regulatory and engineering correspondence and calculations have been reviewed to substantiate the age of the system. Based on that review, the existing WTP facilities are 34 – 50 years old. The current well pumps and associated electrical equipment are 34 – 45 years old.

The Town has experienced periodic customer complaints regarding random emergence of red or reddish-brown water at various locations throughout the distribution system. A Preliminary Water System Evaluation was conducted by Rivers & Associates, Inc. in 2020 (Re: 4b Preliminary Water System Evaluation.pdf). The study suggests that the red/brown water issues are a result of limitations with the current water treatment process, and suggests WTP upgrades be considered moving forward.

The existing WTPs and associated pumping and treatment equipment have outlived their useful service lives (Re: 4c Photo Log.pdf), and the Town desires to replace both existing WTPs with a single new WTP located near the northwest termination of Plantation Drive across the street from the 300,000 gallon elevated water storage tank (Re: 4a Water Distribution System Map). The proposed project will include design and construction of a new greensand filtration and zeolite softening WTP to enhance removal of iron, manganese and hardness, and will improve overall potable water quality. The new treatment facility will not increase production capacity from that which currently exists at the two existing WTPs. Raw water transmission mains will be extended from the existing wells to the new WTP site, and the well pumps and associated electrical will be replaced to meet the flow and new head requirements.

Lined waste settling lagoons and supernatant pumps will be installed on the new WTP site for enhanced settling of waste constituents. A waste effluent force main will be extended from the WTP site to the existing gravity sanitary sewer collection system, such that the effluent will be diluted through the sanitary sewer collection and treatment process, followed by discharge with the existing WWTP effluent. After the new WTP is commissioned and operational, the Town will properly abandon the two existing WTPs and voluntarily forfeit their associated NPDES discharge permits.

Estimated number of new connections served by Drinking Water or Wastewater construction project: 0

For Drinking Water and Wastewater Construction, CDBG-I, CWSRF Green Projects, Pre-Construction Planning Grants:

- The proposed project is a result of an Asset Inventory and Assessment grant previously awarded by the Division.
- The proposed project is a result of a Merger / Regionalization Feasibility Study grant previously awarded by the Division.
- None of the above.

7. Additional Information for Consideration

N/A

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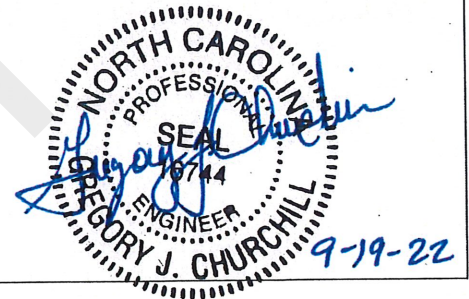
8a. Project Budget for All Construction Projects and Drinking Water/Wastewater Pre-Construction Planning Grants only. Do not use for AIA, MRF, Stormwater Planning Grant (LASII), or Develop and Implement a New Stormwater Utility (LASII) projects.

1. Drinking Water/Wastewater: Costs for portions of the project that will fulfill the requirements related to rehabilitating or replacing waterlines, old infrastructure, lead service lines (DW/WW Priority Rating System Line Items 1.C, 1.C.1 or 1.D.1) must be labeled and shown separately to successfully claim points.
2. Stormwater: Costs for stormwater quality project components and costs for stormwater quantity project components (Stormwater Priority Rating System Line Items 1.A or 1.C), must be labeled and shown separately to successfully claim points.
3. All: Costs for portions of the project that will benefit disadvantaged areas (DW/WW Priority Rating System Line Items 1.E or 4.D, Stormwater Priority Rating System Line Item 4.C) must be labeled and shown separately to successfully claim points.
4. Add additional lines as needed.

Indicate construction costs by line item (e.g., linear feet of different-sized lines, each type of stormwater control measure, each stream restoration/enhancement/stabilization reach). Include a more detailed construction cost budget if needed.	Division Funding Requested	Other Secured Funding Source(s)	Total Cost Amount
Construction Costs			
1. LS - Mobilization/Demobilization (3% +/-)	\$216,000	\$0	\$216,000
2. LS - Bonding	\$70,000	\$0	\$70,000
3. LS - Site Work	\$180,000	\$0	\$180,000
4. 4,000 SF - Water Treatment Plant Building	\$1,140,000	\$0	\$1,140,000
5. LS - WTP Equipment (Filters, Softeners, Face Piping, Valves, Chemical Feed Equipment, SCADA)	\$1,700,000	\$0	\$1,700,000
6. LS - Brine System	\$105,000	\$0	\$105,000
7. LS - Aeration/Detention Tank	\$355,000	\$0	\$355,000
8. LS – Waste Treatment Lagoons, Piping and Effluent Pump Station	\$405,000	\$0	\$405,000
9. LS – Yard Piping	\$300,000	\$0	\$300,000
10. LS – Well No. 1 Modifications, Generator and ATS	\$195,000	\$0	\$195,000
11. LS – Well No. 2 Modifications, Generator and ATS	\$195,000	\$0	\$195,000
12. LS – Well No. 3 Modifications, Generator and ATS	\$195,000	\$0	\$195,000
13. Electrical, WTP Generator and ATS	\$860,000	\$0	\$860,000
14. 3,200 LF - 6” PVC Raw Water Main	\$208,000	\$0	\$208,000
15. 3,200 LF – 10” PVC Raw Water Main	\$601,250	\$0	\$601,250
16. 3,400 LF – 6” PVC Treated Waste Effluent Force Main	\$221,000	\$0	\$221,000
17. LS - Undercut Excavation w/ Select Backfill	\$30,000	\$0	\$30,000
18. LS – Testing Allowance	\$40,000	\$0	\$40,000
19. LS – Equipment Allowance	\$25,000	\$0	\$25,000
20. LS – Utility Service Entrance Allowance	\$40,000	\$0	\$40,000
21. LS – Emergency Interconnect w/ New Bern (6” Compound Meter w/ Vault, associated Piping, Valves, etc.)	\$120,000	\$0	\$120,000
<i>Contingency (10% of construction costs):</i>	\$720,750	\$0	\$720,750
Construction Subtotal:	\$7,922,000	\$0	\$7,922,000
Engineering Costs			
Subdivision Plat Preparation	\$5,000	\$0	\$5,000
Boundary and Topographic Survey	\$16,000	\$0	\$16,000
Engineering Design, Construction Plans and Specifications	\$700,000	\$0	\$700,000
Permitting	\$15,000	\$0	\$15,000

Bidding and Negotiation (3 Contracts)	\$40,000	\$0	\$40,000
Construction Administration	\$250,000	\$0	\$250,000
Resident Project Representation (15 months)	\$300,000	\$0	\$300,000
Operation and Maintenance Manual Preparation	\$40,000	\$0	\$40,000
Record Drawing Preparation	\$20,000	\$0	\$20,000
Engineering Subtotal:	\$1,386,000	\$0	\$1,386,000
Administration Costs			
Engineering Report Preparation	\$25,000	\$0	\$25,000
Environmental Information Document Preparation	\$10,000	\$0	\$10,000
Legal Costs	\$10,000	\$0	\$10,000
Land and Rights-of-Way	\$30,000	\$0	\$30,000
Permit Fees	\$10,000	\$0	\$10,000
Other: N/A			
Administration Subtotal:	\$85,000	\$0	\$85,000
TOTAL PROJECT COST:	\$9,393,000	\$0	\$9,393,000

A Professional Engineer signature and seal for the estimate must be provided in the space to the right for the application to be considered complete.



8b. Project Budget for AIA and MRF Grants, and Training and/or Rate Study Components to Drinking Water or Wastewater Projects. Do <i>not</i> use for Pre-Construction Planning Grants, or any type of LASII Stormwater project.	
Add additional lines as needed.	
	Division Funding Requested
TOTAL DIVISION FUNDING REQUESTED:	

8c. Project Budget for Stormwater Planning Grant (LASII) and Grant to Develop and Implement a New Stormwater Utility (LASII). Do <i>not</i> use for any other project type, including stormwater construction (LASII).	
1. If the application includes a request for funds to <u>both</u> Develop and Implement a New Stormwater Utility <u>and</u> other Stormwater Planning work, <u>the budget shown below must be labeled and shown separately.</u>	
2. Add additional lines as needed.	
	Division Funding Requested
TOTAL DIVISION FUNDING REQUESTED FOR STORMWATER PLANNING GRANT (LASII):	
TOTAL DIVISION FUNDING REQUESTED TO DEVELOP AND IMPLEMENT A NEW STORMWATER UTILITY (LASII):	

Certification by Authorized Representative

The attached statements and exhibits are hereby made part of this application, and the undersigned representative of the Applicant certifies that the information in this application and the attached statements and exhibits are true, correct, and complete to the best of his/her knowledge and belief. By initialing each item and signature at the end of this application, he/she further certifies that:

1. as Authorized Representative, he/she has been authorized to file this application by formal action of the governing body;
2. the governing body agrees to provide for proper short-term and long-term maintenance and operation of the approved project after its completion;
3. the Applicant has substantially complied with or will comply with all federal, state, and local laws, rules, and regulations and ordinances as applicable to this project;
4. the Applicant will adopt and place into effect on or before the completion of the project a schedule of fees and charges which will provide for the adequate and proper operation, maintenance, and administration and repayment of all principal and interest on loans (if applicable) of the project [if not applicable, initial "N/A"];
5. the Applicant has followed proper accounting and fiscal reporting procedures, as evidenced by the Applicant's most recent audit report, and that the Applicant is in substantial compliance with provision of the general fiscal control laws of the State;
6. the Project Budget for all construction projects and pre-construction planning grants provided in this application form (Section 8a, if applicable) includes all funding requested from all sources of funding proposed for this project;
7. the (Town or County), North Carolina is organized and chartered under the laws of North Carolina, or the special purpose unit of local government is incorporated under the laws of North Carolina. All officials and employees are aware of, and in full compliance with NCGS 14-234, "Public officers or employees benefiting from public contracts; exceptions." (For units of local government only. All others should initial "N/A");
8. the Applicant acknowledges that all loans and Viable Utility Reserve grants are subject to approval by the Local Government Commission (not applicable for CDBG-I or stormwater projects);
9. the Applicant acknowledges that if the application is for a drinking water or wastewater project and any one of the local government units involved in the project is designated as distressed by the State Water Infrastructure Authority and the Local Government Commission, the local government unit(s) must complete the viable utility requirements in NCGS 159G-45(b) by conducting an asset assessment and rate study, participate in a training program, and develop a short-term and long-term action plan considering infrastructure repair, maintenance, and management, continuing education, and long-term financial management plan. Additional conditions may be imposed on the local government(s) designated as distressed by the State Water Infrastructure Authority and/or the Local Government Commission. (Initial "N/A" if does not apply to project type or all local governments involved in the project).
10. the Applicant acknowledges that, in accordance with G.S. 120-157.2, for local government debt to be issued greater than \$1,000,000, the local government must report to Committee Chairs, Committee Assistant, and the Fiscal Research Division of the General Assembly at least 45 days prior to presentation before the Local Government Commission (For units of local government only. All others, and CDBG-I and stormwater (LASII) applicants should initial "N/A"); and
11. if the Applicant receives a grant with American Rescue Plan Act (ARPA) State Fiscal Recovery Funds, the Applicant acknowledges and accepts the following conditions:
 - a) all ARPA project funds must be reimbursed by December 31, 2026;
 - b) project funds will not be used to pay existing debt or as a match for other federal funds;
 - c) if the project is also funded with other federal funds, the federal requirements of the other funds will apply to the ARPA funds; and
 - d) for projects receiving ten million dollars or more in ARPA funding: recipients must certify or provide plans and reports meeting federal requirements on reporting on prevailing wage rates, project labor agreements, and related information as specified in the U.S. Treasury's [Compliance and Reporting Guidance for the State and Local Fiscal Recovery Funds](#).

Completeness Checklist

In addition to this application, the following items must be included in the application package to be eligible or to successfully claim priority points. **Failure to include or properly document an item marked with * will result in an incomplete and ineligible application which will not be considered for funding.** Please initial that each item is included in this submittal. If not applicable for the project, please initial "N/A".

- _____ Resolution by Governing Body of Applicant with Certification by Recording Officer * †
- _____ Resolution by Governing Body of Applicant to Develop and Implement a Stormwater Utility with a Stormwater Enterprise Fund * † [for 'Develop and Implement a New Stormwater Utility' project only; *replaces* "Resolution by Governing Body of Applicant with Certification by Recording Officer" above]
- _____ Comprehensive Narrative to Claim Points in the Priority Rating System *
- _____ Documentation to Support the Comprehensive Narratives, including maps or images as needed
- _____ Applicable Priority Rating System Form to Claim Points † [for Construction Projects and Pre-Construction Planning Grants only]
- _____ Affordability Calculator † or handwritten affordability calculations [not applicable to CDBG-I, AIA, MRF, or stormwater projects (LASII)]
- _____ Fund Transfer Certification with appropriate box checked * † [not applicable to CDBG-I or stormwater projects (LASII)]
- _____ Water & Sewer Financial Information Form † [not applicable to stormwater projects (LASII)]
- _____ Commitment of Other Funds Form, Low to Moderate Income Documentation, and Federal Compliance Documents* † [for CDBG-I applications only]
- _____ Stormwater Entity Eligibility Certification Form * † [for stormwater projects (LASII) only]
- _____ Current rate sheets and NC Water & Sewer Rate Form† in effect on application deadline (for both water and sewer if the utility provides both water and sewer, or for water or sewer depending on the utility service) [not applicable to stormwater projects (LASII)]
- _____ Current stormwater fees in effect on application deadline [for stormwater projects (LASII) only if fees apply]
- _____ PE Seal on Project Budget * [for Construction Projects and Pre-Construction Planning Grants only]

* Required in the application package. Failure to include or properly document will result in an incomplete and ineligible application which will not be considered for funding.

† Forms and templates are available separately on the [Division's application webpage](#).

Submittal Information

All application packages must be submitted electronically at <https://edocs.deq.nc.gov/Forms/OPA-ARPA>

See Instructions on completing the form online.

Online submittal of the application package is sufficient for all applications, except for CDBG-Infrastructure applications.

For CDBG-Infrastructure applications only: in addition to submitting the application package electronically at the link above, you must send one (1) original hard copy* of the application package to:

Mailing Address[†] (US Postal Service only)

Division of Water Infrastructure
1633 Mail Service Center
Raleigh, NC 27699-1633

Physical Address (FedEx, UPS)[‡]

Division of Water Infrastructure – 8th Floor, Archdale Building
512 North Salisbury Street
Raleigh, NC 27604
919.707.9160

* Provide a hard copy that is bound (e.g., report cover with fasteners, plastic report combs, spiral or 3-ring binders). No paper clips, staples or binder clasps.

[†] Please allow two weeks for delivery if mailing via the US Postal Service.

[‡] For all courier services, please use the physical address, as having a courier deliver to the mailing address will delay package delivery.

Application Signature

**Original signature is required for the application.
Application with no signature is incomplete and ineligible for consideration.**



SIGNATURE OF AUTHORIZED REPRESENTATIVE

Delane Jackson
TYPED NAME

Town Manager
TYPED TITLE

9-21-22
DATE

RESOLUTION BY GOVERNING BODY OF APPLICANT

WHEREAS, The Town of River Bend has need for and intends to conduct **Pre-Construction Planning** in a project described as Water Treatment Improvements, and

WHEREAS, The Town of River Bend intends to request State loan and/or grant assistance for the project,

NOW THEREFORE BE IT RESOLVED, BY THE TOWN COUNCIL OF THE TOWN OF RIVER BEND:

That Town of River Bend, the **Applicant**, will arrange financing for all remaining costs of the project, if approved for a State loan and/or grant award.

That the **Applicant** will provide for efficient operation and maintenance of the project on completion of construction thereof.

That the **Applicant** will adopt and place into effect on or before completion of the project a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the system and the repayment of all principal and interest on the debt.

That the governing body of the **Applicant** agrees to include in the loan agreement a provision authorizing the State Treasurer, upon failure of the Town of River Bend to make a scheduled repayment of the loan, to withhold from the Town of River Bend any State funds that would otherwise be distributed to the local government unit in an amount sufficient to pay all sums then due and payable to the State as a repayment of the loan.

That Delane Jackson, Town Manager, the **Authorized Official**, and successors so titled, is hereby authorized to execute and file an application on behalf of the **Applicant** with the State of North Carolina for a loan and/or grant to aid in the study of or construction of the project described above.

That the **Authorized Official**, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the project: to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

That the **Applicant** has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the project and to Federal and State grants and loans pertaining thereto.

Adopted this the 27th day of September, 2022 at River Bend, North Carolina.

John Kirkland

Mayor

(Title)



North Carolina Department of Environmental Quality

Division of Water Infrastructure

Application for Funding



(Last updated: July 2022)

1. General Information

Applicant Name Town of River Bend	County Craven	Unique Entity Identifier (UEI) QMRLTKVN7275
Project Name Water Treatment Improvements	Federal Tax ID # 56-1291141	PWSID or NPDES # (if applicable) 04-25-113
Applicant Type <input checked="" type="checkbox"/> Municipality <input type="checkbox"/> Non-Profit Water Corporation <input type="checkbox"/> County <input type="checkbox"/> Council of Government or Non-Profit Entity <input type="checkbox"/> Water and Sewer District <input type="checkbox"/> Partnering with Municipality or County for <input type="checkbox"/> Water and Sewer Authority LASII Stormwater Project <input type="checkbox"/> Sanitary District <input type="checkbox"/> Other (Specify:)		Funding Amount Requested \$400,000 Total Project Cost \$785,000

Funding Type(s) Requested

Drinking Water or Wastewater Planning <input type="checkbox"/> Asset Inventory and Assessment (AIA) <input type="checkbox"/> Merger/Regionalization Feasibility (MRF) Study <input checked="" type="checkbox"/> Pre-Construction Planning Grant (without construction) <input type="checkbox"/> Stormwater Planning Grant (LASII) <input type="checkbox"/> Develop and Implement a New Stormwater Utility (LASII)	Construction Project <input type="checkbox"/> Drinking Water <input type="checkbox"/> Wastewater <input type="checkbox"/> CWSRF Green Project: stream restoration, stormwater SCM, reclaimed water <input type="checkbox"/> CDBG-Infrastructure (CDBG-I) <input type="checkbox"/> Stormwater Construction (LASII)
--	--

CDBG-I only:
 LMI Determination Method: LMI Percentage:
 ACS Survey

Acceptance of Funding Offer (for Construction Projects only)

These questions will be used to identify the best funding fit. Funding from the American Rescue Plan Act (ARPA) and CDBG-I is available as grants, and principal forgiveness is available from the State Revolving Funds.

1. I am willing to accept funding that includes federal conditions. Yes No
2. I will only accept a funding offer (loan and/or grant) if a minimum of \$? is offered as a grant or principal forgiveness. Enter \$0 if you are willing to accept a loan offer with no grant or principal forgiveness.
3. Because of the potential hardship related to a State Revolving Fund and/or State Reserve Program loan, this application seeks to replace the \$ loan awarded to the Insert Project Name (Insert project number) with grant funding. *Note: loans that have already received disbursements are not eligible.*

2. Drinking Water and Wastewater System Parameters (Not applicable for stormwater projects)

Residential Sewer Connections	Residential Water Connections
954	1,467
Non-Residential Sewer Connections	Non-Residential Water Connections
12	13
Monthly Sewer Bill per 5,000 gallons	Monthly Water Bill per 5,000 gallons
\$70.68	\$36.34

Percentage of Utility Bills Collected and Rate Increase Percentages

Year	Percentage of Utility Bills Collected	Rate Increase Percentage
16/17	91.6%	0.0%
17/18	90.4%	0.0%
18/19	87.9%	-4.8%
19/20	86.9%	0.0%
20/21	88.2%	3.0%

17



Town of River Bend

Funding and Award of Bid for Proposed Public Works Building

September 27, 2022



The information contained herein was developed in advance of the special meeting for the Council's consideration and is subject to change. These are just options. There will be no final decision until the Council takes official action.

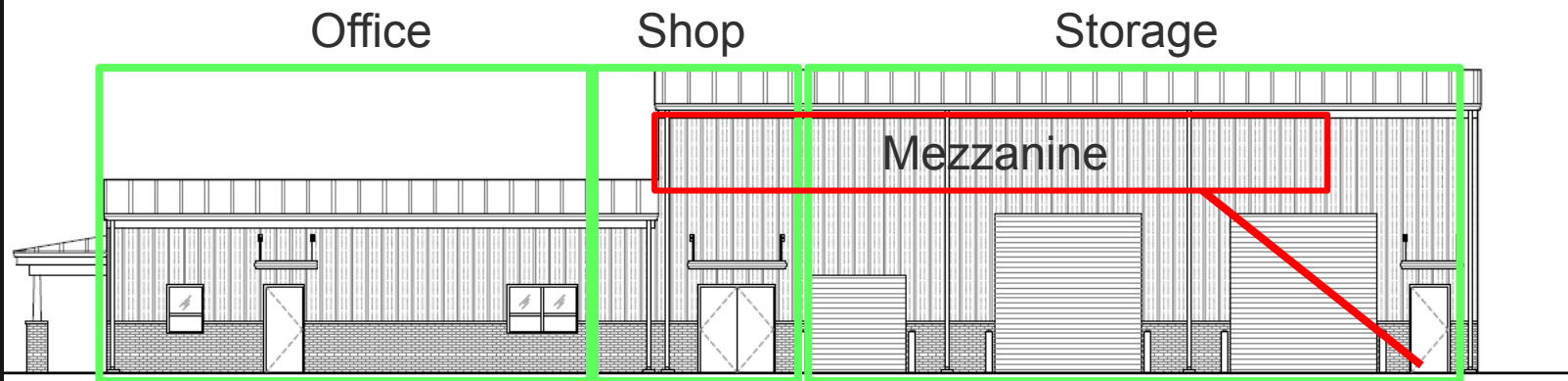


This slide shows what would be built if we fund the base bid only

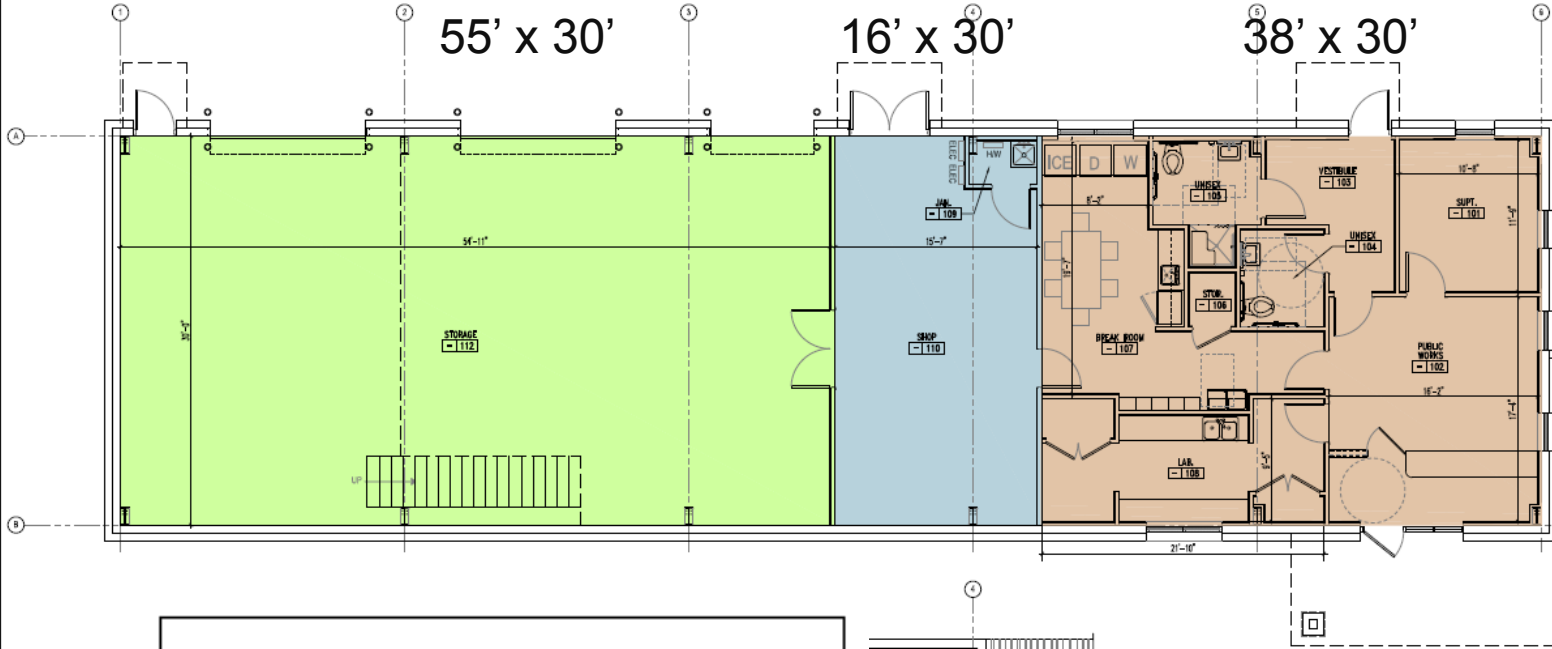


Rear View

Mezzanine
Bid Alternate # 2



Adding bid Alternate # 2 would be the base bid project as previously shown, plus the mezzanine inside the building. It would not change the outside look of the building.



OCCUPANCY SQUARE FOOTAGE

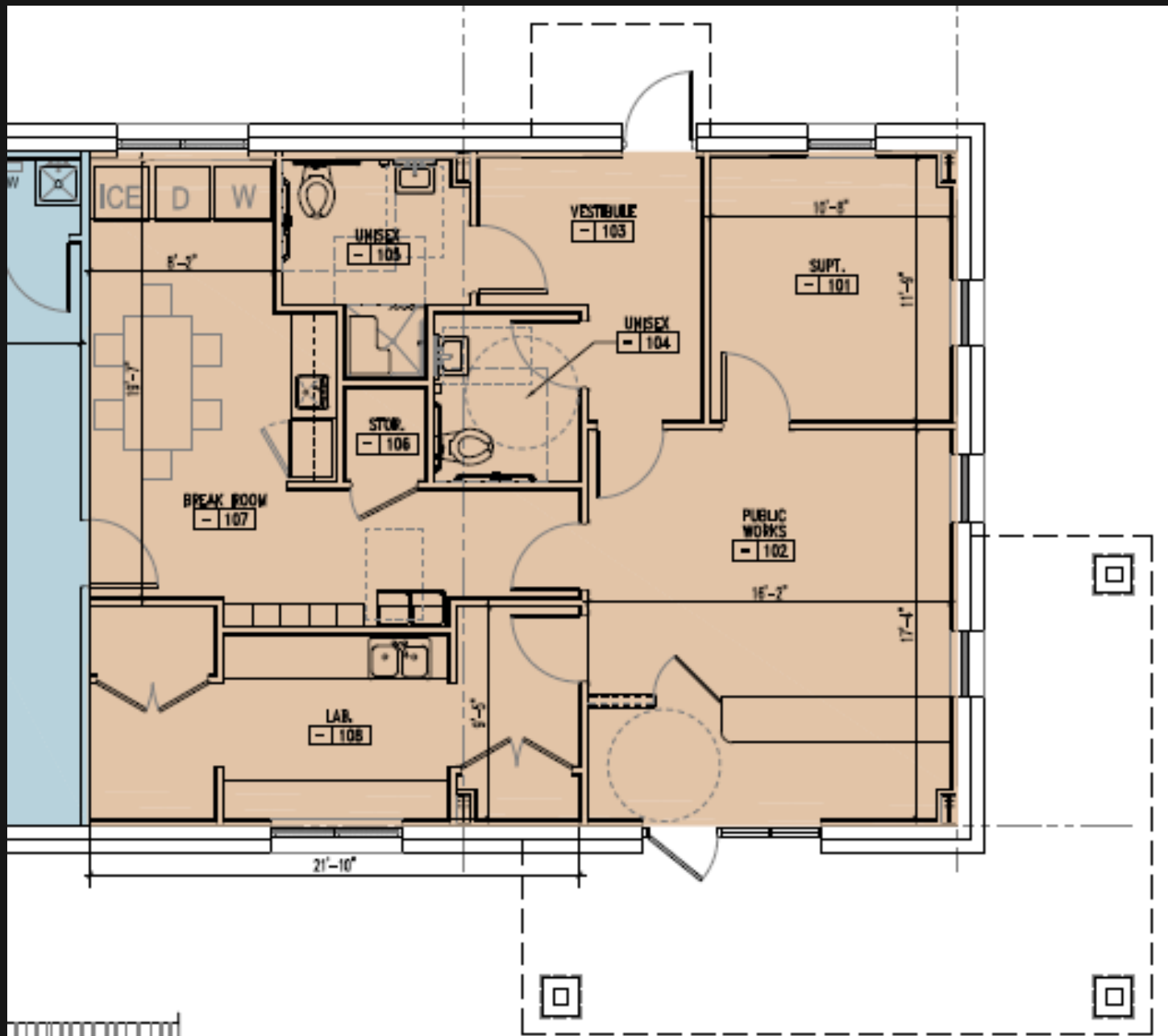
- ADMIN SQ.FT. = 1160 SQFT
- SHOP SQ.FT. = 480 SQFT
- STORAGE SQ.FT. = 1660 SQFT +
1265 SQFT MEZZANINE

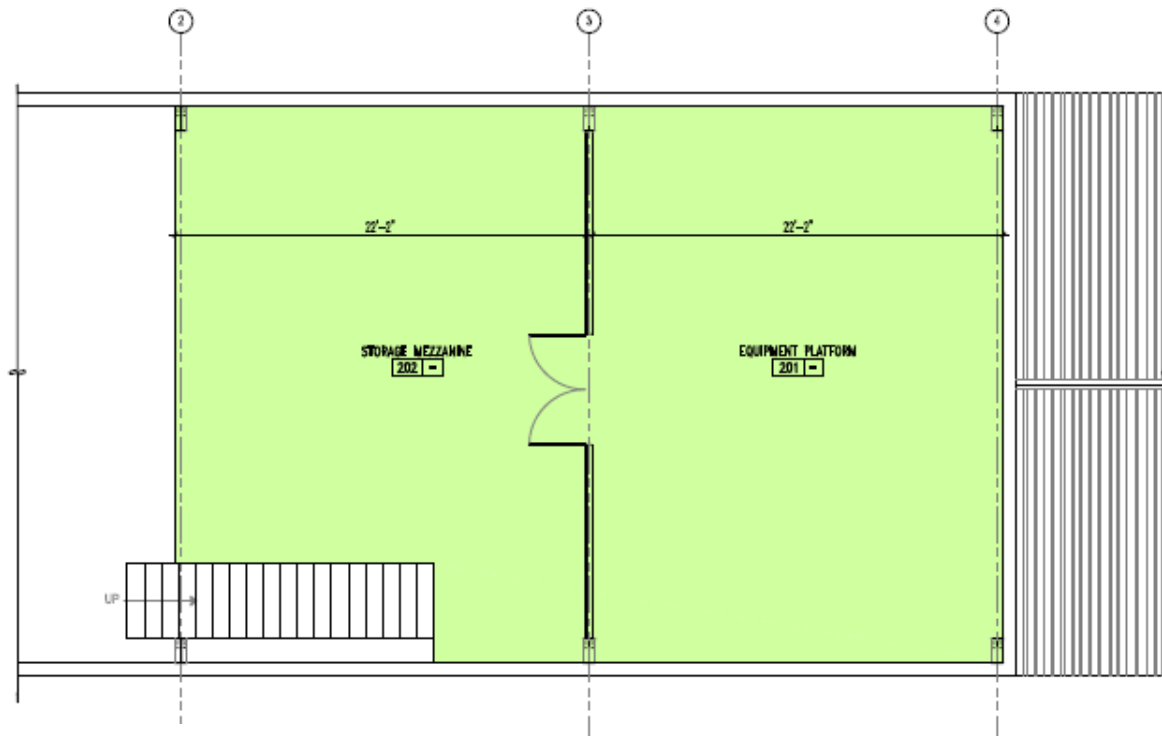
TOTAL INTERIOR SQ.FT. = 4565 SQFT

Existing 82' x 32' = 2,624 SF

Proposed 110' x 30' = 3,300 SF

Additional SF = 676 SF +
larger mezzanine





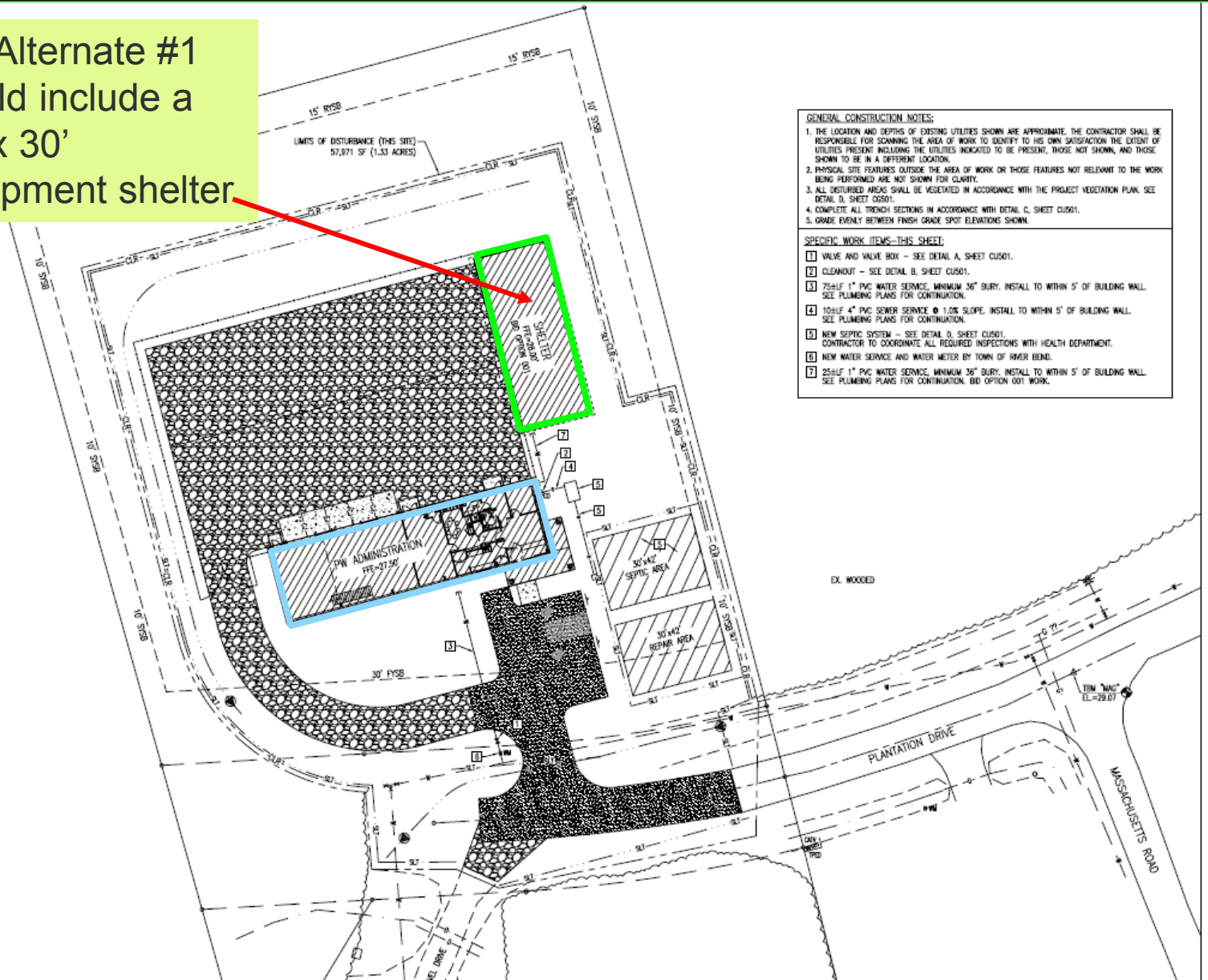
MEZZANINE/EQUIPMENT PLATFORM
 SCALE: 1/4"=1'-0"



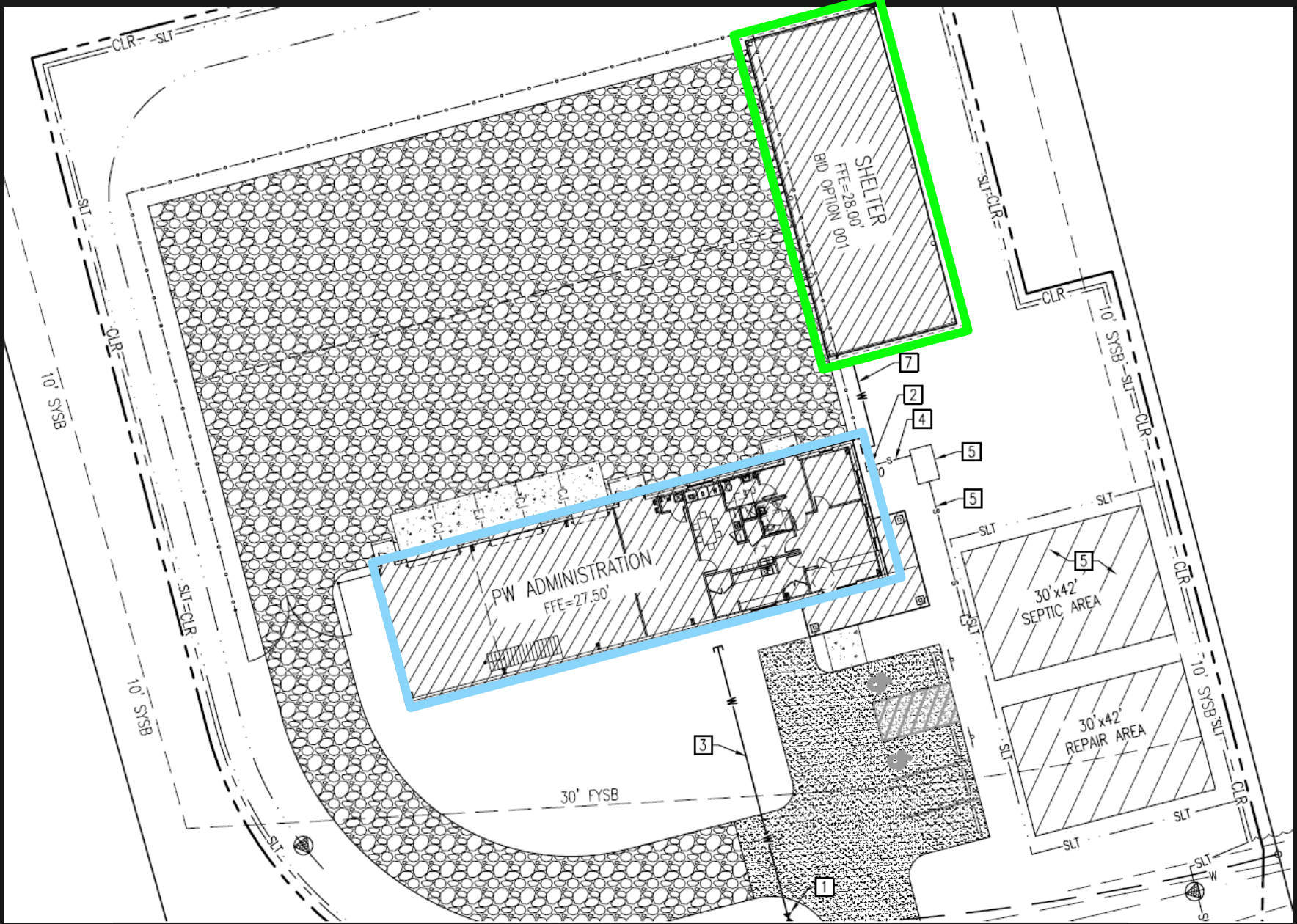
- OCCUPANCY SQUARE FOOTAGE**
- ADMIN SQ.FT. = 1160 SQFT
 - SHOP SQ.FT. = 480 SQFT
 - STORAGE SQ.FT. = 1660 SQFT +
1265 SQFT MEZZANINE

TOTAL INTERIOR SQ.FT. = 4565 SQFT

Bid Alternate #1
 would include a
 75' x 30'
 equipment shelter



- GENERAL CONSTRUCTION NOTES:**
1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCANNING THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
 2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED ARE NOT SHOWN FOR CLARITY.
 3. ALL DISTURBED AREAS SHALL BE VEGETATED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN. SEE DETAIL D, SHEET CUS01.
 4. COMPLETE ALL TRENCH SECTIONS IN ACCORDANCE WITH DETAIL C, SHEET CUS01.
 5. GRADE EVENLY BETWEEN FINISH GRADE SPOT ELEVATIONS SHOWN.
- SPECIFIC WORK ITEMS--THIS SHEET:**
- 1 VALVE AND VALVE BOX - SEE DETAIL A, SHEET CUS01.
 - 2 CLEANOUT - SEE DETAIL B, SHEET CUS01.
 - 3 75x1/2" 1" PVC WATER SERVICE, MINIMUM 36" BURY. INSTALL TO WITHIN 5' OF BUILDING WALL. SEE PLUMBING PLANS FOR CONTINUATION.
 - 4 10x1/2" 4" PVC SEWER SERVICE @ 1.0% SLOPE. INSTALL TO WITHIN 5' OF BUILDING WALL. SEE PLUMBING PLANS FOR CONTINUATION.
 - 5 NEW SEPTIC SYSTEM - SEE DETAIL D, SHEET CUS01. CONTRACTOR TO COORDINATE ALL REQUIRED INSPECTIONS WITH HEALTH DEPARTMENT.
 - 6 NEW WATER SERVICE AND WATER METER BY TOWN OF RIVER BEND.
 - 7 25x1/2" 1" PVC WATER SERVICE, MINIMUM 36" BURY. INSTALL TO WITHIN 5' OF BUILDING WALL. SEE PLUMBING PLANS FOR CONTINUATION. BID OPTION 001 WORK.



Capital Project Budget

Funding (available due to grant)	\$964,378
Land Acquisition	- 60,000
Architectural Services	- 71,500
Legal Services	- 2,000
Miscellaneous	- <u>5,000</u>
Balance for Construction	\$825,878 *

Original

- * or \$250/SF for 3,300 SF main building which includes site work but NOT shelter
- We paid \$927,541 for the Municipal Building (90' x 50'= 4,500 SF which is \$206 per SF)

Capital Project Budget

Funding	\$ 964,378	\$ 964,378
		<u>Balance</u>
Land Acquisition	- 60,000	0
Architectural Services	- 71,500	20,240
Legal Services	- 2,000	875
Miscellaneous	- 5,000	<u>2,128</u>
Balance for Construction	\$825,878 *	\$825,878

Updated

- * or \$250/SF for 3,300 SF main building which includes site work but NOT shelter. **Base bid= \$415/SF**
- We paid \$927,541 for the Municipal Building (90' x 50'= 4,500 SF which is \$206 per SF)

Expended to date= \$138,500

The lowest base bid exceeds our original construction funding amount for the entire project by \$545,008 (not including contingencies) which are typically 10% of construction costs. What can we do?

Some Possible Options

1. Scale back scope of project. The next few slides show 4 different construction options. There could be more ways to scale back scope.
2. Cancel the project and keep the PW where it is.
3. Cancel the project and use what funds we have to upgrade the existing facility.
4. Leave the funding we have in General Fund and don't use it on anything and it will simply be added to Fund Balance.
5. Pause the project and see if prices go down in the future.
6. Re-bid the project and see if we get better pricing.
7. Look for other grant funds to make up the difference.
8. Look into other funding options such as a loan.
9. Cancel the project and fund some other project in the General Fund.
10. Other possible options ????????

The next few slides discuss the 4 options mentioned in #1 above combined with option mentioned in # 8 above.

Bid Tabulation from 9-15-22 Bid Opening



PO Box 541 New Bern NC 28563
(252) 636-9778 FAX (252) 636-8992

Bid Tabulation Form

Bids received Date: 09/15/2022 Time: 3:00 pm

**Project: River Bend Water/Sewer
Administration Building
River Bend, North Carolina**

Alternates:

N/A

N/A

Contractor	License #	Bid Bond, 5%	Addenda 1	Addenda 2	Addenda 3	Base Bid	1	2	Total
Waters Construction	81408	X	X	X	X	\$1,386,000.00	\$243,000.00	\$110,000.00	\$1,739,000.00
O'Connor Company	58959	X	X	X	X	\$1,612,000.00	\$335,000.00	\$205,000.00	\$2,152,000.00
Bruin Builders	62374	X	X	X	X	\$1,370,886.00	\$218,710.00	\$130,000.00	\$1,719,596.00

Certified: _____

9/22/2022 _____



Mr. Delane Jackson
Town of RiverBend
Shoreline Dr.
River Bend, NC 28562

September 21st, 2022

RE: RiverBend Water/Sewer Administration Building - Contract Award Recommendation

Mr. Jackson:

A bid opening was held for the construction of the new Water/Sewer Administration Building for the Town of Riverbend in the RiverBend Town Hall Conference room at 3:00pm on September 15th, 2022. Three proposals were received, and the apparent low bidder was Bruin Builders.

Bruin Builders **Base Bid** was one million three hundred and seventy thousand eight hundred and eighty-six dollars \$1,370,886.00

Bruin Builders **Bid Alternate 01** was two hundred and eighteen thousand seven hundred and ten dollars \$218,710.00

Bruin Builders **Bid Alternate 02** was one hundred and thirty thousand dollars \$130,000.00

The total of the Base Bid and all alternates equals one million seven hundred and nineteen thousand five hundred and ninety-six dollars \$1,719,596.00

The bid documents received from Bruin Builders were in order with Bid Bond and all addenda acknowledged.

The Walker Group Architecture recommend that Bruin Builders be awarded the contract for the Water/Sewer Administration building, and both bid alternates. We recommend this award with the understanding that there shall be (2) Value engineering options explored starting at the onset of the construction contract agreement

Value Engineering Option 01 shall be to redesign and reduce the size of the concrete foundation and slab per the actual building reactions provided by the Pre-Engineered Metal Building Manufacturer.

Value Engineering Option 02 shall be to omit the additional steel frames at (3) coiling doors and finish the rough opening with Pre-Engineered metal building trim.

The Project Contingency shall be 10% of construction cost:
One hundred seventy-one thousand nine hundred and sixty dollars (\$171,960.00)

If you have any questions or concerns, please don't hesitate to call. Thank you.
Sincerely,

Chris Walker, RA

Recommendation of Award with contingencies and value engineering. Contingencies would be added to the construction budget.

We do anticipate savings due to value engineering of around \$60,000, but there is no guarantee.

Construction & Funding Options

		A	B	C	D
		Base Bid	Base plus Alt. #1 (shed)	Base plus Alt. #2 (mezz)	Base plus #1 & #2
Funding Source			\$218,710	\$130,000	
Amount (as of 8-31-22)		\$1,370,886	\$1,589,596	\$1,500,886	\$1,719,596
1. ARPA Grant (supplanted)	\$825,878	\$548,354	\$635,838	\$600,354	\$687,838
2. Sewer Capital Reserve	\$11,301	\$11,301	\$11,301	\$11,301	\$11,301
3. Water Capital Reserve	\$245,849	\$245,849	\$245,849	\$245,849	\$245,849
4. Sewer Fund	\$1,041,606	\$399,965	\$465,578	\$438,965	\$504,578
5. Water Fund	\$672,517	\$165,417	\$231,030	\$204,417	\$270,030
TOTAL FUNDING		\$1,370,886	\$1,589,596	\$1,500,886	\$1,719,596
Allocation					
General Fund	40%	\$548,354	\$635,838	\$600,354	\$687,838
Sewer Fund	30%	\$411,266	\$476,879	\$450,266	\$515,879
Water Fund	30%	\$411,266	\$476,879	\$450,266	\$515,879
Balance After Allocation					
ARPA		\$277,524	\$190,040	\$225,524	\$138,040
Sewer Capital Reserve		\$0	\$0	\$0	\$0
Water Capital Reserve		\$0	\$0	\$0	\$0
Sewer Fund		\$641,641	\$576,028	\$602,641	\$537,028
Water Fund		\$507,100	\$441,487	\$468,100	\$402,487

Possible source for contingency funding

Enterprise Funds – Capital Improvement Funds

These funds, per Resolution of the Town Council, may only be used for system expansion and/or advance payment on current Bonds. Reserve funds may NOT be used for operations or maintenance of the systems.

Water

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
											proj
Hydrant Fees added to Capital Reserve	30,636	30,429	26,718	25,620	25,250	23,790	23,058	0	0	0	0
*CIF Fees added to Capital Reserve	2,600	2,700	2,700	2,700	2,700	0	0	0	0	0	0
Expenditure for Springdale/Piner Est.											
**Water Capital Reserve Fund:	66,920	100,060	229,494	138,069	186,788	213,184	241,363	244,645	244,696	244,720	244,770
*CIF Fee charges were changed in FY17 by NCGS											
**includes interest earned											

Sewer

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
											proj
*CIF Fees added to Capital Reserve	1,900	1,900	1,900	1,900	1,900	0	0	0	0	0	0
Expenditure for collection design											
**Sewer Capital Reserve Fund:	3,074	4,975	6,876	8,795	10,741	10,868	11,100	11,246	11,248	11,249	11,254
*CIF Fee charges were changed in FY17 by NCGS											
**includes interest earned											

Notes: Both CIFs were eliminated due to statutory changes. Future assessment of CIF requires major policy change.

Q & A

Suggestions ?

Council Decision ?