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Dr. Shawn Gillen

CITY COUNCIL
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Julie Livingston
Monty Parks
Shirley Sessions

CLERK OF COUNCIL
Jan LeViner

CITY ATTORNEY
Edward M. Hughes

CITY OF TYBEE ISLAND

AGENDA REGULAR MEETING OF TYBEE ISLAND CITY COUNCIL June 05, 2019 at 2:00 PM

Please silence all cell phones during Council Meetings

Call to Order

Consideration of Bids, Contracts, Agreements and Expenditures

1. TIC Proposal to retrieve the equipment in the marsh of North Beach on Tybee Island, \$19,200.

Budget Workshop

Adjournment

Individuals with disabilities who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have questions regarding the accessibility of the meeting or the facilities are required to contact Jan LeViner at 912.472.5080 promptly to allow the City to make reasonable accommodations for those persons.

***PLEASE NOTE:** Citizens wishing to speak on items listed on the agenda, other than public hearings, should do so during the citizens to be heard section. Citizens wishing to place items on the council meeting agenda must submit an agenda request form to the City Clerk's office by Thursday at 5:00PM prior to the next scheduled meeting. Agenda request forms are available outside the Clerk's office at City Hall and at www.cityoftybee.org.



THE VISION OF THE CITY OF TYBEE ISLAND

"is to make Tybee Island the premier beach community in which to live, work, and play."



THE MISSION OF THE CITY OF TYBEE ISLAND

"is to provide a safe, secure and sustainable environment by delivering superior services through responsible planning, preservation of our natural and historic resources, and partnership with our community to ensure economic opportunity, a vibrant quality of life, and a thriving future."

Item Attachment Documents:

1. TIC Proposal to retrieve the equipment in the marsh of North Beach on Tybee Island, \$19,200.

Proposal to Retrieve Equipment in the Marsh Off Tybee Island North End

Prepared for:

*Shawn Gillen
Tybee Island City Manager*

By:

*TIC – The Industrial Company
Marine and Heavy Civil*



RETRIEVE EQUIPMENT OFF TYBEE ISLAND



June 4, 2019

Attention: Shawn Gillen

Reference: Equipment Stuck in the Marsh off North End Tybee Island

Subject: Proposal to Retrieve Equipment

Mr. Wells:

TIC – The Industrial Company is pleased to submit our proposal to retrieve the equipment currently stuck in the marsh off North Beach on Tybee Island. In this proposal, you will find our quote and clarifications, company information, safety and environmental information, and our technical approach to retrieving the equipment.

We appreciate the opportunity to provide a quote for this work and look forward to working with you. Should you have any questions, please do not hesitate to contact me at (912) 721-9751

Sincerely,

TIC – The Industrial Company

John Maher
Project Manager



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RETRIEVE EQUIPMENT OFF TYBEE ISLAND



Price and Clarifications

Price

TIC – The Industrial Company will provide will provide supervision, labor, material, and equipment to retrieve the pickup truck and backhoe stuck in the marsh per the following breakdown price:

• Mobilization/ Demobilization	1 LS	\$ 6,000.00
• Estimated 11 hours recovery/unloading time	11 HR	\$ 13,200.00
		\$ 19,200.00

Clarifications

The above prices are based on the following clarifications:

1. This quote is made on a “No Cure, No Pay” basis.
2. The work will be continuous with no interruptions.
3. TIC will not be responsible for any further damage to any equipment during the retrieval process.
4. TIC will make reasonable mitigating measures to keep the environment clean but cannot ensure all liquids from the equipment will stay enclosed.
5. TIC will not accept any consequential damages whatever the cause through the course of the recovery operation.
6. Any required permits are not included.
7. All equipment will be unloaded at the TIC yard on Hutchinson Island and loaded on trucks provided by Owner.
8. Payment terms are Net 30 days, no retainage withheld.

Company Information

TIC – The Industrial Company has continuously operated since 1974, primarily as a general contractor, performing work in the Continental United States, Alaska, Hawaii, Canada, and Mexico. Since 1986, TIC has maintained a Marine and Heavy Civil operation operated out of Savannah, Georgia.

The Savannah based Marine and Heavy Civil District has performed numerous bridge, marine, and salvage projects along the east coast for such clients as: U.S Navy, El Paso Energy, Georgia Port Authority, South Carolina Port Authority, various states’ Department of Transportation, and many others. Our salvage experience includes 7 barges, 2 ferries, 3 tugboats, 2 dredges, 3 yachts, and 5 shrimp boats. The vessels ranged in size from 20 tons to 800 tons and in water depths up to 45 feet. The district office and construction yard is located on Hutchinson Island on the Savannah River. In addition to its construction and salvage capabilities, the Marine and Heavy Civil District also operates a 31,000 square foot fabrication shop, large machine shop, and equipment shop from its Gwinnett Street yard.

In December 2008, The Industrial Company was purchased by Kiewit Corporation. Kiewit is consistently ranked among the top 10 contractors by Engineering News Record, and through this acquisition TIC has gained access to a nearly unlimited supply of resources and expertise, providing our construction us with people and equipment needed to provide quality work to our clients safely, on time, and ahead of schedule.



Safety

TIC – The Industrial Company has long lived by the core values of “Safety-Quality-Productivity”. These are not just words that fill in a corporate logo, but ideals that every TIC employee prides him or herself in to produce work without injuring our people, doing it right the first time, and completing the job on time or earlier. Over the years, TIC has completed numerous projects that exemplify these values and has prided itself in earning repeat business from many satisfied owners.

Performance and Safety Record

Experience Modification Rate (EMR)

Year 2018 – 0.40

Year 2017 – 0.41

Year 2016 – 0.45

Total Recordable Incident Rate (TRIR)

Year 2018 – 0.33

Year 2017 – 0.33

Year 2016 – 0.54

Employee Hours Worked

Year 2018 – 3,649,517

Year 2017 – 2,430,249

Year 2016 – 3,937,993

Environmental

TIC complies with all federal, state, and local environmental laws and regulations as well as implements reasonable measures to minimize the environmental impact from our operations. TIC exercises sound business practices to:

- Prevent discharging pollutants that impact stormwater
- Prevent releases of hazardous and toxic pollutants to the air, soil, and/or water
- Provided environmental compliance training and education for our employees
- Seek to prevent pollution before it is produced, and reduce the amount of waste at our facilities
- Work continuously to improve the effectiveness of our environmental program

Full environmental compliance is a requirement on all TIC projects. TIC has a very stringent environmental manual that all projects must adhere to. In many cases, our policies go beyond what is required by law. We also have our own Environmental Manager located here in Savannah that will be consulted during this project.

On this project, we will have oil spill kits on our vessels and will have oil boom on site. Disposal will be at an approved site designated to receive such waste.

Technical Approach

The following is our preliminary work plan for the project:

1. Prior to mobilizing the crane on barge, hook up rigging on all equipment and tie rigging to buoys/ropes in order to locate at high tide.
2. The barge will be mobilized to location #1 at high tide.
3. End of Barge must be within 110' of the Backhoe to perform the lift.
4. Hook the backhoe rigging to the crane.
5. While the crew uses 3" pump hoses to loosen the suction from the mud around the backhoe, lift the backhoe enough to break it free of the suction of the mud.
6. The Rigging Supervisor will re-inspect the rigging.
7. Upon the Rigging Supervisor's approval, the backhoe will be lifted and staged securely on the barge. (once on the barge oil boom will be placed on the deck it)
8. Demobilize the crane and barge to Location #2 prior to low tide.
9. Hook the F-150 truck rigging to the crane and lift the truck enough to break it free of the mud.
10. The Rigging Supervisor will re-inspect the rigging.
11. Upon the Rigging Supervisor's approval, the F-150 truck will be lifted and staged securely on the barge. (once on the barge oil boom will be placed on the deck it)
12. Demobilize the crane and barge prior to low tide.
13. TIC will notify the Owner when to have trucks at 205 Hutchinson Island Road to haul off the retrieved equipment.

RETRIEVE EQUIPMENT OFF TYBEE ISLAND



RETRIEVE EQUIPMENT OFF TYBEE ISLAND



Equipment

The following is a list of equipment to be used on the project:

BUCKET, CLAMSHELL, 3/4 CY

GENERATOR, 5-7KW, GASOLINE

CRANE, 230T, CRWLR, MANITOWOC, 4100S2

CRANE BARGE, 160x52x9, Kiewit Atlantic

DECK BARGE, 140' x 40'

TUG, 350 HP 2SCREW

CONEX, 20'

CONEX, 20', ENVIRONMENTAL

PICKUP, SUPER, 1/2 TN, 2x4, FORD

FUEL TANK, 500 GAL, TRANSCUBE

RETRIEVE EQUIPMENT OFF TYBEE ISLAND



Lift Plan

General Lift Plan								
1	Crane Info	Make	Manitowac	Model	4100	Notes		
		Equipment #		Serial #				
2	Description of lifted objects...	Ford F-150						
3	Weight of object to be lifted..	7,000						
4	How was the weight of the object obtained?	Manufacturer Specifications						
5	Length of Boom in the Crane?	160						
6	Total deductions for crane-jib, Wire rope, Block, Ball ect....	3,397					block	1559
							ball	1310
							Rope	528
7	Total weight of all rigging used in the lift.	500					4 ways	400
							Shackles	100
8	Total lifted load . Determined by adding lines 3,5,6	10,897						
9	Minimum Parts of Line needed to lift the weight	1						
10	What is the planned radius of the lift? (At the longest point)...	110						
11	What chart is being used? (Land or Barge) If Barge chart is used assume worst case at 3 degree list	Barge						
12	What is the capacity of the crane you are using at the radius listed above?	29,900						
13	Divide line 8 by 10 for % of load chart used. If over 85% of chart, a Critical Lift Plan must be used.	36%						
This form does not replace the On The Spot Lift Plan requirement								

RETRIEVE EQUIPMENT OFF TYBEE ISLAND



General Lift Plan

1	Crane Info	Make	Manitowac	Model	4100	Notes		
		Equipment #		Serial #				
2	Description of lifted objects...	JCB 3CX Backhoe						
3	Weight of object to be lifted..	17,196						
4	How was the weight of the object obtained?	Manufacturer Specifications						
5	Length of Boom in the Crane?	160						
6	Total deductions for crane-jib, wire rope, Block, Ball ect....	3,865					block	1450
							ball	1311
							Rope	1104
7	Total weight of all rigging used in the lift.	500					4 ways	400
							Shackles	100
8	Total lifted load. Determined by adding lines 3,5,6	21,561						
9	Minimum Parts of Line needed to lift the weight	1						
10	What is the planned radius of the lift? (At the longest point)...	130						
11	What chart is being used? (Land or Barge) If Barge chart is used assume worst case at 3 degree list	Barge						
12	What is the capacity of the crane you are using at the radius listed above?	23,500						
13	Divide line 8 by 10 for % of load chart used. If over 85% of chart, a Critical Lift Plan must be used.	92%						

This form does not replace the On The Spot Lift Plan requirement