

July 28, 2021

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7647814

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2021-CB-021

FEDERAL-AID PROJECT NO. FAP Nos: BRO-0193(001)

Bridge Group 45C_H - Cottrell

4+90 TO 6+90

CITY/TOWN OF Westerly

COUNTY OF WASHINGTON

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Specification Change/Addition

1. JS-71 & JS-72

Delete pages JS-71 and JS-72 in their entirety and replaced them with revised pages JS-71(R-1) and JS-72(R-1) attached to this Addendum No. 1. The price has changed.

2. JS-109

Delete page JS-109 in its entirety and replaced it with revised page JS-109(R-1) attached to this Addendum No. 1. Language related to concrete class and precast requirements have been revised.

B. Drawings/Plans - Change/Addition

1. Sheet No. 7

Revise Sheet No. 7 as shown on Sketch No. 1 (R-1) attached to this Addendum No. 1. The Materials Notes have been revised.

C. Proposal Addition/Deletion

1. 800.9903

The Minimum Acceptable Bid Price has been revised.

2. 937.0200

A Minimum Acceptable Bid Price has been added.

Lori A Fisetta

RI Department of Transportation

Administrator, Division of Project Management

FURNISH AND DELIVERY QUOTE

COMPOSITE TUB GIRDER SYSTEM

DATE: Friday, March 16, 2021

TO: Jessica Rodas

Project Manager II

Rhode Island Department of Transportation

We are pleased to submit this quote for the engineering services and supply of the Composite Tub Girder System (CT Girders) as described herein for Cottrell Bridge No. 193 over McGowan Brook in Westerly, Rhode Island.

The following items are included in the scope of this quote:

Quantity	Units	Description
6	Each	Composite Tub Girders, Fabricated and Delivered to RI (As detailed on the plans)
1	LS	Engineering Services
		Design Calculations of CT Girders – Stamped by RI PE Bridge Load Rating Calculations – Stamped by RI PE
1	LS	Construction Services – Chain of Custody Inspection Sign off and Installation Technical Assistance (5 days)

Note that all items will be delivered to the job site freight-on-board at a date agreed upon in the final contract. The deliverables for engineering services include design calculations, bridge rating calculations, and a final set of working drawings that meet all RIDOT design requirements. All final engineering documentation will be stamped by a Professional Engineer licensed by the State of Rhode Island. Design will be performed in accordance with all applicable RIDOT TAC's, Bridge Design Specifications, and LRFR Manual. Final Rating will take into account any revisions required based on Load Test (by others).

Composite Tub Girder Bridge System

The CT Girder System provides a lightweight, low-maintenance and durable solution for bridge construction utilizing advanced composite materials.

Schedule

Anticipated Notice to Proceed is understood to be end of October, 2021. Expected delivery of Composite Tub Girders to Rhode Island is end of March 2022.

Price

In accordance with the contents of this quote, AIT Bridge Systems agrees to perform all stated services for the **lump sum price of \$185,400 (One Hundred Eighty-Five Thousand Four Hundred Dollars)**.

General Terms

The quote listed herein is valid for 2 years from the date of this letter and applies only to the quantities and configuration given in the Plans and Specifications. Any significant changes in the final design will require revision and resubmission of this quote.

Payment terms are 30% down upon execution of purchase order, 60% upon delivery of the Composite Tub Girders to the jobsite, and 10% upon completion of installation. An interest charge of 1.5% per month may be added to all past due invoices. The quoted price does not include any applicable taxes, duties, permits, licenses, or bonds. If the project is tax exempt, a current tax exemption certificate must be provided at the time of acceptance of this quote.

Please contact Tim Kenerson by telephone at 207-385-3305, or by e-mail at tim@aitbridges.com with any questions regarding the technical content of this quote.

Sincerely,



Timothy Kenerson, P.E., M.ASCE
Senior Design Engineer
AIT Bridges
A Division of Advanced Infrastructure Technologies, Inc.

CODE 809.99

PRECAST CONCRETE

DESCRIPTION: This work consists of detailing, fabricating, furnishing, and installing precast concrete decks, abutment and wall footings and stems, and endposts, in accordance with the plans, the standard specifications, and these specifications.

Precasting concrete barriers with deck (PBU's) is optional.

MATERIALS:

Concrete shall conform to Section 601 of the latest revision of the RI Standard Specifications. Class of concrete shall conform to the plans.

The reinforcement shall be galvanized in accordance with Section 810 of the latest revision of the RI Standard Specifications.

All threaded concrete inserts, lifting fixtures and miscellaneous hardware cast into precast concrete components shall be galvanized in accordance with ASTM A153 or ASTM B695, Grade 50, or stainless steel.

CONSTRUCTION METHODS:

Shall conform to Section 809 of the latest revision of the RI Standard Specifications and the latest edition of PCI-MNL-116. In event of discrepancy between the two documents, the more stringent shall govern.

Precast Plant shall be PCI certified for Category B1.

Contractor may cast the deck utilizing their own workforce, rather than a precast plant.

MEASUREMENT AND PAYMENT: Payment for precast concrete shall be under their respective pay items.

Reinforcing will be paid for under item 810.0210.

Prefabricated Bridge Units (PBU's) shall conform to 800.9902.

MATERIALS

COMPOSITE TUB GIRDERS:

- SEE DETAIL SHEET

REINFORCING STEEL:


- AASHTO DESIGNATION M 31, GRADE 60, GALVANIZED

CONCRETE STRENGTHS:

- CLASS XX 3/4" f_c = 4,000 PSI (28 DAYS)
APPROACH SLABS AND FOOTINGS
- CLASS HP 3/4" f_c = 5,000 PSI (28 DAYS)
ALL OTHER CONCRETE

CONTROLLED LOW STRENGTH MATERIAL (CLSM):

- CLASS III FLOWABLE/NON-EXCAVATABLE f_c = 100 PSI (24 HOURS) AND f_c = 1,200 PSI (28 DAYS)

 Gordon R. Archibald, Inc. Civil and Environmental Engineers	TITLE OF SKETCH	RICN 2021-CB-021
	BRIDGE GROUP 45C_H REPLACEMENT OF COTTRELL BRIDGE NO. 193 BRIDGE GENERAL NOTES-1	SKETCH NO. 1
DATE: 7/26/2021	ADDENDUM NO. 1	REVISION TO SHEET 7

SPECIAL NOTICE

PROPOSAL

Project Name - Bridge Group 45C_H - Cottrell
Estimate Name - Addendum to Advertise Estimate
R.I. Contract No. - 2021-CB-021
FAP Nos - 0006, 0011, 0021

All items in the Proposal must have a unit bid price in words and figures. All unit bid prices must be extended. Bids will not be accepted if they contain no unit price for an item or if they contain zero in words and figures as the unit price bid.

The minimum acceptable bid price for:

Code 800.9901, FURNISH AND DELIVER COMPOSITE TUB GIRDERS is One Hundred Eighty Five Thousand Four Hundred Dollars And No Cents (\$185,400.00) per LS

Code 800.9903, BRIDGE LOAD TESTING AND RATING is Fifty Five Thousand Four Hundred Fifty Dollars And Forty Seven Cents (\$55,450.47) per LS

Code 907.0100, WATER FOR DUST CONTROL is Fourteen Dollars And Fifty Cents (\$14.50) per MGAL

Code 914.5010, FLAGPERSONS is Forty Nine Dollars And Fifty Cents (\$49.50) per MHRS

Code 914.5020, FLAGPERSONS - OVERTIME is Sixty Three Dollars And Fifty Cents (\$63.50) per MHRS

Code 937.0200, MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION is Fifty Thousand Dollars And No Cents (\$50,000.00) per LS

Code T12.9901, CONSTRUCTION CAMERA is Six Thousand Eight Hundred Thirty Two Dollars And Fifteen Cents (\$6,832.15) per LS

The only acceptable bid price for:

Items preceded with the letter "S" in the proposal are Specialty Items.