



Woodward/APC, A Joint Venture  
1000 South Norman C. Francis Parkway  
New Orleans, Louisiana 70125  
Phone: (504) 822-6443

**Project:** 1001 - RTA Canal Street Ferry Terminal Project  
54 Canal Street (Intersection of Convention Center Blvd. & Canal Street)  
New Orleans, Louisiana 70130  
Phone: (504) 822-6443

## Prime Contract Change Order Request #025: CE #064 - RFP 003 Permanent Barge Redesign

<b>TO:</b>	Regional Transit Authority 2817 Canal Street New Orleans Louisiana, 70119	<b>FROM:</b>	Woodward/APC, A Joint Venture 1000 S Jefferson Davis Parkway New Orleans Louisiana, 70125
<b>DATE:</b>	5/4/2021	<b>ATTN:</b>	Stephen Mitchell ( <i>Regional Transit Authority</i> )
<b>CHANGE ORDER REQUEST NUMBER / REVISION:</b>	025 / 0	<b>PRIME CONTRACT CHANGE ORDER:</b>	None
<b>STATUS:</b>	Pending - Pricing	<b>CREATED BY:</b>	Tom Abernathy ( <i>Woodward Design+Build, LLC</i> )
<b>SCHEDULE IMPACT:</b>	0 days	<b>DATE CREATED:</b>	4 /30/2021
		<b>TOTAL AMOUNT:</b>	\$ 700,681.16

**CHANGE ORDER REQUEST TITLE:** CE #064 - RFP 003 Permanent Barge Redesign

### CHANGE ORDER REQUEST DESCRIPTION:

#### CE #064 - RFP 003 Permanent Barge Redesign

This change order request is for the new and revised scope of work outlined in RFP#003 received 04/08/2021. These documents affect the permanent ferry boarding barge.

Please note the following pricing clarifications:

1. The changes to the gangway shown in this document are addressed in a separate change proposal request.
2. The specifications call for delivery of the barge to the project site, but the barge will be delivered and accepted at APC's yard in Harvey per the original logistics plan.
3. The specifications note for the shipyard to construct the barge and superstructure in its entirety but the scope of work has been divided up among trade contractors by WAJV per the original scope breakout.
4. The doubler plates shown on the barge deck have all been priced as 1" thick. The sequence of work requires the painting to be done at the shipyard before the superstructure welding is done. The thicker plates will prevent damage to the below and above deck painting.
5. This price does not include any metal roofing over the walkways, ramps, and stairs. This scope of work was revised on 4/28/21 and is being priced by DBE contractors. This pricing will be submitted separately.
6. This design includes a new sewer system and the original potable water system. This COR includes this work as designed but does not include any revisions to the existing civil design, if required.
7. The installation of the barge is priced during river levels below EL 10' per the 04/01/21 project schedule.
8. Steel prices for the barge are included as a weighted average of \$0.69 per pound. The steel prices are changing weekly so a steel price escalation clause allowing adjustment from \$0.69 to the actual cost of purchased steel will be required to be included in the change order.
9. Steel prices for the superstructure are guaranteed through 05/14/2021.
10. The schedule for barge construction is shown in the attached schedule. No additional contract time is requested for the work priced in this change order request.

### ATTACHMENTS:

[18-076-01 RFP 003 \(SPECS\) \(1\).pdf](#) [18-076-01 RFP 003 - PERMANENT BARGE REDESIGN \(1\).pdf](#) [18-076-01 RFP 003 \(DWGS\) \(1\).pdf](#)

### POTENTIAL CHANGE ORDERS IN THIS CHANGE ORDER REQUEST:

PCO #	Contract Company	Title	Schedule Impact	Amount
041	Regional Transit Authority	CE #064 - RFP 003 Permanent Barge Redesign		\$700,681.16
<b>Total:</b>				<b>\$ 700,681.16</b>

### CHANGE ORDER REQUEST LINE ITEMS:



PCO: 041

#	Cost Code	Description	Type	Amount
1	05-05120.00 - Structural Steel		Subcontract	\$ 185,356.00
2	35-35500.00 - Custom Barge		Materials	\$ 397,000.00
3	35-35300.00 - Marine Demo & Construction		Subcontract	\$ 22,874.05
4	16-16000.00 - Electrical		Subcontract	\$ 9,550.00
Subtotal:				\$614,780.05
Payment and Performance Bond: $\approx 0.55\%$ Applies to all line item types.				\$ 3,356.70
Pollution, RR, GL, BR, WC, Excess & Auto Insurance: $\approx 4.57\%$ Applies to all line item types.				\$ 28,083.15
Drayage: $\approx 0.18\%$ Applies to all line item types.				\$ 1,075.87
Subcontractor Risk Management: $\approx 0.68\%$ Applies to Subcontract.				\$ 1,483.08
Contractor Fee: 8.00% Applies to all line item types.				\$ 51,902.31
Grand Total:				\$700,681.16

**Imbrie Packard (Royal Engineers and Consultants, LLC)**

4298 Elysian Fields Ave Suite B  
New Orleans Louisiana 70122

**Regional Transit Authority**

2817 Canal Street  
New Orleans Louisiana 70119  
Stephen Mitchell

**Woodward/APC, A Joint Venture**

1000 S Jefferson Davis Parkway  
New Orleans Louisiana 70125  
Lane M. Louque

SIGNATURE

DATE

Woodward/APC, A Joint Venture

SIGNATURE

DATE

page 2 of 2

SIGNATURE

DATE

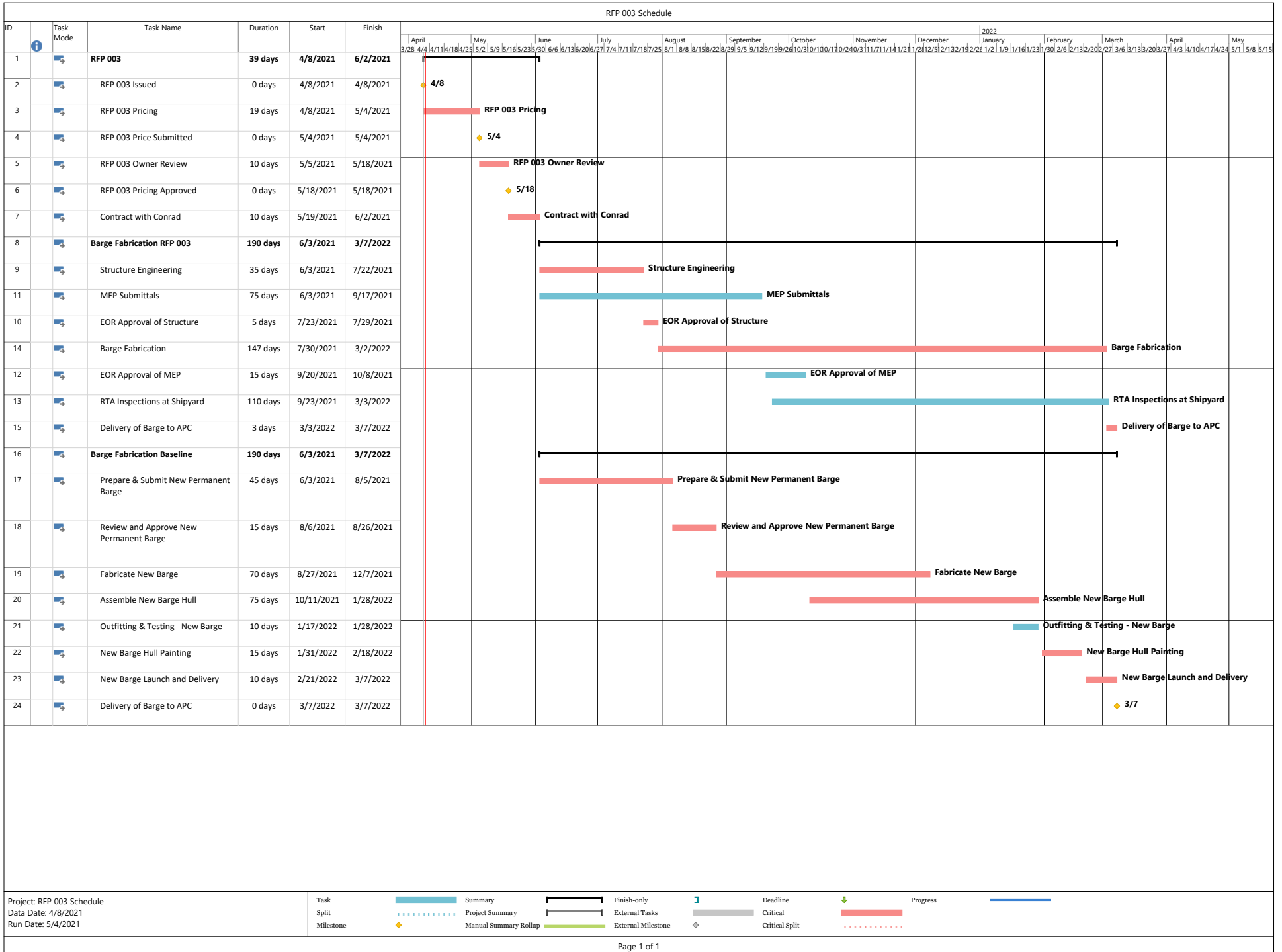
Printed On: 5/4/ 2021 03 :58 PM

## Woodward/APC, A Joint Venture RECAPITULATION SHEET

PROJECT:	RTA Canal Street Ferry Terminal	ESTIMATE NO:	RFP #003 R0 - Permanent Ferry Berthing Barge
LOCATION:	New Orleans, LA	SHEET NO:	1 of 1
ARCHITECT	Infinity Engineering	DATE:	5/4/2021
TAKE OFF BY:	TSA	SUMMARY BY:	TSA
		PRICES BY:	TSA

RFP#003 provides a revised design for the permanent ferry berthing barge. This pricing is for the change from the original design to the new design.

			Unit		MATERIAL	Unit	LABOR	Unit	EQUIP	Unit	SUB CONT.
COST CODE	DESCRIPTION	QTY	Unit	Price	COST	Price	COST	Price	COST	Price	COST
05120.00	Structural Steel										
	1. Structural Steel Material - Added/Modified Material - 14.92 tons	1	LS							57,750.00	\$57,750.00
	2. Galvanizing of Added Material	1	LS							26,110.00	\$26,110.00
	3. Handrails and Bar Grating Material	1	LS							29,660.00	\$29,660.00
	4. Additional Erection Costs - 430 mhrs	1	LS							34,937.00	\$34,937.00
	5. Additional Detailing Costs	1	LS							7,722.00	\$7,722.00
	6. Additional Equipment	1	LS							5,000.00	\$5,000.00
	7. Subcontractor Markup	1	LS							24,177.00	\$24,177.00
05140.00	Gangway New Design	NOT INCLUDED. ADDRESSED IN SEPARATE CPR									
07613.00	Metal Roofing on Barge over Ramps and Stairs	NOT INCLUDED. ADDRESSED IN SEPARATE CPR									
16000.00	Electrical - Power, Lighting and CCTV										
	1. Additional Work	1	LS							9,550.00	\$9,550.00
35300.00	Marine Construction										
	1. Additional Work to Purchase & Install Breakaway Chains at low water.	1	LS							22,874.00	\$22,874.00
35500.00	Permanent Barge Design in GMP Documents & Pricing	-1	LS							1,517,000.00	(\$1,517,000.00)
	Permanent Barge Design in RFP#003	1	LS							1,914,000.00	\$1,914,000.00
	<b>SUB TOTAL</b>				\$0.00		\$0.00		\$0.00		\$614,780.00
	Labor Burden					52.0%	\$0.00				
01910000	Small Tools					3.0%	\$0.00				
	Tax - Tax Exempt			0.00%	\$0.00			0.00%	\$0.00		
	<b>TOTAL MATERIALS</b>				\$0.00						\$0.00
	<b>TOTAL EQUIPMENT COST</b>								\$0.00		\$0.00
	<b>TOTAL LABOR COST</b>						\$0.00				\$0.00
	<b>SUB-TOTAL</b>										\$614,780





# NEW ORLEANS IRON WORKS, L.L.C.

PO Box 100, Belle Chasse, LA 70037

Physical Address: 220 Walker Road, Belle Chasse, LA 70037

Office (504) 656-8996 • Fax (504) 656-8998

[www.neworleansironworks.com](http://www.neworleansironworks.com)

May 4, 2021

Mr. Jeff Schiro  
Woodward  
1000 S. Jefferson Davis Pkwy  
New Orleans, LA 70125

RE: RTA  
Change Order Request No. 6r1 – RFP 003 – Boarding Barge Changes

Dear Jeff:

We herein submit our change order request for the Boarding Barge Changes per RFP 003.  
Please see attached for material breakdown.

Added Detailing Cost	\$ 7,722.00
Added Material 14.92 Tons	\$ 55,950.00
Added Galv.	\$ 26,110.00
Added Handrail (139 LF)	\$ 17,375.00
Added Bar Grating (351 Sq/FT)	\$ 12,285.00
Erection (430 Man Hours x \$81.25)	\$ 34,937.50
Additional Hoisting/Man Lifts	\$ 5,000.00
Delivery	\$ 1,800.00
Subtotal	<u>\$161,179.50</u>
OH&P	<u>\$ 24,176.93</u>
Total	\$185,356.00

Excludes Metal Decking at Boarding Barge Canopy  
Excludes C6x8.2 Channels shown on 2/S5.10, by Others.

Please let us know if we are authorized to proceed with this work.

Sincerely,

**NEW ORLEANS IRON WORKS, L.L.C.**

Judson McLeod





**Frischhertz Electric Co. Inc.**

4240 Toulouse St.  
New Orleans, LA 70119

# PROPOSED CHANGE ORDER

<b>CCN#</b>	<b>RFP 003 CE 064 PERMANENT BA</b>
<b>Date:</b>	4/20/2021
<b>Project Name:</b>	RTA Canal St. Ferry Terminal
<b>Project Number:</b>	2061-21
<b>Page Number:</b>	1

Client Address:

**Woodward Design Build**

Contact: Jeff Schiro  
1000 S Jefferson Davis Pkwy  
New Orleans, LA 70125

---

**Work Description**

---

Jeff Schiro  
Woodward Design Build  
1000 S Jefferson Davis Pkwy

New Orleans, LA 70125  
jschiro@woodwarddesignbuild.com

**Re:** RTA Canal St. Ferry Terminal  
FEC Project # 2061-21  
RFC# RFP 003 CE 064 PERMANENT BARGE REDESIGN  
RE: RFP 003 CE #64 Permanent Barge Redesign  
FEC Ref #1

Dear Jeff Schiro,

We are pleased to quote the price as listed below for the:

RFP 003 CE 064 Permanent Barge Redesign

Change feeder from panel TPP to permanent barge 200 amp receptacle from 2" conduit with 4-2/0 THWN and 1-#2 ground to 2-1/2" conduit with 3-4/0 THWN and 1-#2 ground.

Not included is work to be done by barge contractor. This work consists of:  
Adding 200 amp disconnect switch between 200 amp plug and transformer.  
Changing transformer from 45 KVA to 112.5 KVA.  
Changing feeder from 112.5 KVA transformer to barge power panel.  
Adding electrical for bilge and ballast water pump.  
Adding electrical for sewage pump.

Backup is listed for review; if there are any questions, please feel free to call.

Qualifications:

a. This Change Order addresses the monetary settlement of the changes only, and does not address the extension of time and/or delay cost incurred by Frischhertz, all of which are hereby reserved.

**ORIGINAL**

## PROPOSED CHANGE ORDER

### Frischhertz Electric Co. Inc.

4240 Toulouse St.  
New Orleans, LA 70119

Client Address:

**Woodward Design Build**  
1000 S Jefferson Davis Pkwy  
New Orleans, LA 70125

CCN#

Date:

Project Name:

Project Number:

Page Number:

RFP003CE064PERMANENTBA

4/20/2021

RTA Canal St. Ferry Terminal

2061-21

2

- b. We reserve the right to correct this quote for errors and omissions.
- c. This price is good for acceptance within 10 days from the date of receipt.
- d. We request a time extension of 3 days.

If you have any questions or comments, please do not hesitate to contact me.

Sincerely,

**Frischhertz Electric Co**

Jean-Louis Cozic

Cc: change order file 2061-21

### Itemized Breakdown

Description	Qty	Net Price U	Total Mat.	Labor U	Total Hrs.
2" GRC (GALV)	-250	942.00 C	-2,355.00	13.70 C	-34.25
2 1/2" GRC (GALV)	250	1,777.00 C	4,442.50	18.70 C	46.75
2" GRC MYERS HUB	-12	1,038.61 C	-124.63	62.00 C	-7.44
2 1/2" GRC MYERS HUB	12	2,059.70 C	247.16	75.00 C	9.00
2" GRC COUPLING	-8	138.19 C	-11.06	0.00 C	-0.00
2 1/2" GRC COUPLING	8	341.91 C	27.35	0.00 C	0.00
2" RIGID MALE UNION	-4	42.35 E	-169.40	1.50 E	-6.00
2 1/2" RIGID MALE UNION	4	68.71 E	274.84	1.60 E	6.40
2" LB DC BODY, CVR, GSKT	-2	64.12 E	-128.24	2.50 E	-5.00
2 1/2" LB DC BODY, CVR, GSKT	2	131.77 E	263.54	3.40 E	6.80
2" GRC 90 DEG ELBOW	-8	745.27 C	-59.62	125.00 C	-10.00
2 1/2" GRC 90 DEG ELBOW	8	1,304.25 C	104.34	185.00 C	14.80
2" STEEL LOCKNUT	-2	114.48 C	-2.29	0.00 C	-0.00
2 1/2" STEEL LOCKNUT	2	183.25 C	3.67	0.00 C	0.00
2" STL GRD BUSHING	-13	1,326.13 C	-172.40	125.00 C	-16.25
2 1/2" STL GRD BUSHING	13	2,212.95 C	287.68	150.00 C	19.50
2" GRC 90 DEG FIELD BEND	-2	0.00 E	-0.00	2.50 E	-5.00
2 1/2" GRC 90 DEG FIELD BEND	2	0.00 E	0.00	3.40 E	6.80
2" LT FLEX	-20	935.25 C	-187.05	37.50 C	-7.50
2 1/2" LT FLEX	20	1,695.07 C	339.01	50.00 C	10.00
2" LT STRAIGHT CONN	-2	1,796.55 C	-35.93	43.00 C	-0.86
2 1/2" LT STRAIGHT CONN	2	16,888.01 C	337.76	50.00 C	1.00
2" LT 90 DEG CONN	-2	5,758.57 C	-115.17	51.60 C	-1.03
2 1/2" LT 90 DEG CONN	2	14,851.50 C	297.03	60.00 C	1.20
#2 THHN BLACK	0	1,694.53 M	0.00	0.00 M	0.00
#2/0 THHN BLACK	-1,080	3,301.26 M	-3,565.36	30.00 M	-32.40
#4/0 THHN BLACK	810	5,695.00 M	4,612.95	36.20 M	29.32
A-18R186 18x18x6 SCREW CVR NEMA 3R	-5	210.90 E	-1,054.50	4.00 E	-20.00
A-24R246 24x24x6 SCREW CVR NEMA 3R	5	315.50 E	1,577.50	6.00 E	30.00
2" RGC SUPPORT	-55	12.50 E	-687.50	0.20 E	-11.00
2-1/2" RGC SUPPORT	55	15.00 E	825.00	0.25 E	13.75

ORIGINAL

## PROPOSED CHANGE ORDER

### Frischhertz Electric Co. Inc.

4240 Toulouse St.  
New Orleans, LA 70119

Client Address:

**Woodward Design Build**  
1000 S Jefferson Davis Pkwy  
New Orleans, LA 70125

CCN#

Date:

Project Name:

Project Number:

Page Number:

RFP003CE064PERMANENT BARGE

4/20/2021

RTA Canal St. Ferry Terminal

2061-21

3

Description	Qty	Net PriceU	Total Mat.	Labor U	Total Hrs.
Totals	-270		4,972.19		38.59

General Materials

4,972.19

#### Total Material

**4,972.19**

ELECTRICAN (19.30 Hrs @ \$53.66)  
FOREMAN (9.65 Hrs @ \$68.86)  
APPRENTICE (9.65 Hrs @ \$45.45)  
SAFETY (0.58 Hrs @ \$53.66)  
CONSUMABLES (4,972.19 @ 0.00 @ \$0.05 + 9.450 % + 0.000 % + 0.000 %)  
SMALL TOOLS (31.65 @ 0.00 @ \$0.05 + 0.000 % + 0.000 % + 0.000 %)  
PARKING/HR (10.00 @ 0.00 @ \$1.30 + 0.000 % + 0.000 % + 0.000 %)  
PROJECT MANAGER (8.00 @ 0.00 @ \$105.00 + 0.000 % + 0.000 % + 0.000 %)

1,035.64  
664.50  
438.59  
31.12  
272.10  
1.58  
13.00  
840.00

#### Subtotal

**8,268.72**

Overhead & Markup

1,281.65

#### Subtotal

**9,550.37**

Final Adjustment

-0.37

#### Final Amount

**\$9,550.00**

### CONTRACTOR CERTIFICATION

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

I hereby certify that this quotation is complete and accurate based on the information provided.

### CLIENT ACCEPTANCE

CCN # RFP 003 CE 064 PERMANENT BARGE REDESIGN

Final Amount: \$9,550.00

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Change Order #: \_\_\_\_\_

I hereby accept this quotation and authorize the contractor to complete the above described work.

**ORIGINAL**





Canal Street Ferry Terminal  
RTA Project No.: 2019-006  
Change Order Request Number: 003

Woodward/APC, A Joint Venture  
Contact: Tom Abernathy  
1000 S Jefferson Davis Pkwy  
New Orleans, LA 70125

Tom,

We are pleased to quote the price as listed below for the scope change in the RFP 003 permanent barge change order.

This change order scope of the work includes:

- Additional Labor and Material to install breakaway chains and shackles to permanent barge and existing mooring dolphins.

<u>Item #</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extension</u>
0001	RFP 003 Chain Install	1	LS	\$22,874.05	<b>\$22,874.05</b>
0002	RFP 003 Chain Install w/ Divers	1	LS	\$27,543.05	<b>\$27,543.05</b>

Qualifications:

1. Working this project using merit shop labor fifty (50) hours a week, five (5) days per week, Monday through Friday. We reserve the right to increase our efforts per day and/or per week without penalty.
2. Payment terms will be per APC's Subcontract.
3. Parish and State tax are excluded.
4. Performance and/or payment bonds are included.
5. Lien rights will not be waived until final payment has been received.
6. Quote excludes Site SSHO and QC personnel. Safety Manager will conduct periodic safety visits.
7. Additional costs incurred due to downtime out of APC's control shall be cost reimbursable. Specifically, down time / standby time includes, but is not limited to, time which APC's crew cannot perform their work due to permitting delays or any circumstance that is not in immediate control of APC Construction.
8. Quote excludes installing or maintaining all haul roads.
9. Quote excludes all permits; Federal, State, and Local.
10. This quote includes no mobilization or equipment, as work will take place while APC is currently onsite performing contracted scoped work. If this work occurs when APC is not on site, additional costs will apply.



1910 Peters Road, Harvey, LA 70058



(504) 539-4260



info@apcconstruction.com



www.apcconstruction.com



11. If River elevations are above the connection point for breakaway chain and shackle on mooring dolphins, then item #002 will have to be exercised.
12. Enough space and access must be provided by others to all of APC's working areas.
13. Utilities interfering with our work shall be relocated or de-energized prior to our mobilization.
14. Testing, Engineering, Inspection is excluded.
15. Vibration monitoring is excluded.
16. Survey and layout are excluded since it should not be required.
17. As-builts shall be by others.
18. Welding is excluded from this quote, if welding is required to attached breakaway chain to mooring dolphins it will be billed at additional cost.
19. Consumables by divers will be billed at cost plus 20%.

If you have any questions or comments, please do not hesitate to contact me.

Thanks,

A handwritten signature in blue ink, appearing to read "Joel McLain", is shown on a light blue rectangular background.

Joel McLain  
Project Manager

Attachments:

1. Itemized Cost Breakdown
2. Vendor Quotes



1910 Peters Road, Harvey, LA 70058



(504) 539-4260



info@apcconstruction.com



www.apcconstruction.com



#### Itemized Breakdown

Description	Qty	Unit	Unit Price	Total
<b>RFP 003- Breakaway Chain Install</b>				
Crane Operator	(5 Hrs @ \$48.62)			\$243.10
Pile Driver	(10 Hrs @ \$42.90)			\$429.00
Rigger	(10 Hrs @ \$34.32)			\$343.20
Laborer	(5 Hrs @ \$30.03)			\$150.15
Project Manager	(1 Hrs @ \$66.63)			\$66.63
Pile Superintendent	(4 Hrs @ \$66.30)			\$265.20
*Burden Included				
Safety Supplies	1	LS	\$84.25	\$84.25
Small Tools	1	LS	\$88.20	\$88.20
1 3/4" Stud Link Chain	2	EA	\$6,532.00	\$13,064.00
1 3/4" Shackle	4	EA	\$644.00	\$2,576.00
Alloy Connector Link	4	EA	\$371.70	\$1,486.80
Freight	1	EA	\$800.00	\$800.00
<b>Subtotal</b>				<b>\$19,596.53</b>
Overhead/Mark-up				\$2,939.48
<b>Total</b>				<b>\$22,536.01</b>

#### Change Order Totals

RFP 003- Breakaway Chain Install	\$22,536.01
<b>Subtotal Change</b>	<b>\$22,536.01</b>
Bond	\$338.04
<b>GRAND TOTAL CHANGE</b>	<b>\$22,874.05</b>



1910 Peters Road, Harvey, LA 70058



(504) 539-4260



info@apcconstruction.com



www.apcconstruction.com



### Itemized Breakdown

Description	Qty	Unit	Unit Price	Total
<b>RFP 003- Breakaway Chain Install w/ Divers</b>				
Crane Operator	(5 Hrs @ \$48.62)			\$243.10
Pile Driver	(10 Hrs @ \$42.90)			\$429.00
Rigger	(10 Hrs @ \$34.32)			\$343.20
Laborer	(5 Hrs @ \$30.03)			\$150.15
Project Manager	(1 Hrs @ \$66.63)			\$66.63
Pile Superintendent	(4 Hrs @ \$66.30)			\$265.20
*Burden Included				
Safety Supplies	1	LS	\$84.25	\$84.25
Small Tools	1	LS	\$88.20	\$88.20
1 3/4" Stud Link Chain	2	EA	\$6,532.00	\$13,064.00
1 3/4" Shackle	4	EA	\$644.00	\$2,576.00
Alloy Connector Link	4	EA	\$371.70	\$1,486.80
Freight	1	EA	\$800.00	\$800.00
Divers	1	DYS	\$4,000.00	\$4,000.00
<b>Subtotal</b>				<b>\$23,596.53</b>
Overhead/Mark-up				\$3,539.48

<b>Total</b>	<b>\$27,136.01</b>
--------------	--------------------

### Change Order Totals

RFP 003- Breakaway Chain Install w/ Divers	\$27,136.01
--	-------------

<b>Subtotal Change</b>	<b>\$27,136.01</b>
------------------------	--------------------

Bond	\$407.04
------	----------

<b>GRAND TOTAL CHANGE</b>	<b>\$27,543.05</b>
---------------------------	--------------------



1910 Peters Road, Harvey, LA 70058



(504) 539-4260



info@apcconstruction.com



www.apcconstruction.com



# QUOTATION

Quote Number: 131753  
 Quote Date: 4/21/2021  
 Page Number: 1

4400 N Galvez Street  
 New Orleans, LA 70117  
 PHONE: (504)-944-3366  
 TOLL FREE: (800)-228-7660  
 FAX: (504)-947-8557  
 EMAIL: sales@dcl-usa.com  
[www.dcl-usa.com](http://www.dcl-usa.com)

## Quoted To

APC CONSTRUCTION LLC  
 PO BOX 1846  
 GRETN, LA 70054

QUOTED TO		PHONE NUMBER	PAYMENT TERMS	JOB REFERENCE #	
LOGAN MULLIGAN		(504)539-4260	Net 30 Days		
CUSTOMER ID	SALES ID	SHIPPING METHOD		F.O.B.	QUOTE EXPIRES
C01529	LSIMONEA	TBD		SEE BELOW	5/21/2021
LN#	QTY	PART ID	DESCRIPTION		UNIT PRICE

1	4	300-07400	1-3/4" 40T ALLOY SAF SHCKL CROSBY G-2140 P/N 1021138 OUT OF STOCK UNTIL 5/21/2021 FOB: OUR YARD		\$644.00	\$2,576.00
3	<del>2</del> 4	300-20600	1-1/4" ALLOY CONN.LINK A336 OUT OF STOCK UNTIL 5/7/2021 FOB: OUR YARD		\$371.70	<del>\$743.40</del> \$1,486.80
4	2		P/N 4650014FT 1-3/4" X 21' STUD LINK ANCHOR CHAIN SPEC: MIL-C-24633A PROOF LOAD: 249,000 LBS BREAK LOAD: 380,000 LBS FINISH: GALVANIZED 100% DOMESTIC MADE SHIPMENT: STOCK: 4 WEEKS ARO FOB: BLAINE, WA		\$6,532.00	\$13,064.00

MATERIAL TOTAL: ~~\$16,383.40~~

THIS QUOTE DOES NOT INCLUDE APPLICABLE SALES TAX

### STANDARD TERMS AND CONDITIONS:

The parties to this Quotation agree to conduct transactions by electronic means, and further agree that this Quotation is governed by the Master Purchase Agreement (set forth at [https://dcl-usa.com/dcl\\_cust\\_terms.pdf](https://dcl-usa.com/dcl_cust_terms.pdf)), which is capable of download and retention by Customer. If Customer is unable to view this link, Customer agrees to notify DCL immediately. The Master Purchase Agreement contains indemnity obligations, limitations of liability, and waivers of redhibition under Louisiana law.



### 2021 RATE SHEET

#### Weekday Rate (8 hour minimum within 50 miles)

4-Man USACE / ADC Dive Team

Equipment Vehicle

Shallow water dive pack

H. P. Emergency Air

**\$4,000.00**

**\$560 per hour (over 8 hours)**

**Extra Diver \$100 per hour / OT @ \$140 per hour**

Weekend & Holiday Rate – All diver hours converted to overtime.

#### Commonly Used Equipment

\$650 per day – Shallow Water Dive Spread (USACE – USCG – OSHA Compliant)

\$150 per day – Work Truck

\$250 per day – U/W burning or welding package

\$350 per box – Underwater burning and/or steel welding rods

\$350 per day - Underwater Camera, Light, Umbilical, DVR & Monitor

\$250 per day – Two Diver Hot Water Unit

\$325 per day – Jet pump, suction w/ foot valve, jetting hose and reducer

\$325 per day – Hydraulic Power unit (50 hp)

\$225 per day – Less than 15 HP Hydraulic Power Unit 8/12 GPM

\$400 per day – 4” submersible hydraulic pump

\$975 per day – Wire Saw with control unit (requires HPU)

\$225 per day – 100’ Hydraulic Hoses (3/4” & 1” umbilical)

\$100 per day – Underwater Hydraulic Hand Tools

\$375 per day – Hydraulic Chipper (18lb) Package with P.U.

\$200 per day – Hydraulic Core Drill (requires HPU and Hose Reel)

\$1,980 per day – Chamber Package for planned working depths below 56’ to 80’

Consumables & Rentals = Cost plus 20%

Depth premiums, penetrations and other hazardous diving conditions may require adjustment.

Per Diem Over 50 miles from 2333 Brooklyn, 70058: \$145 per man (incl. meals & lodging)

12 Hour Daily Minimums when over 50 miles. Standby – 8 Hour Daily Minimums.

Mobilization when over 50 miles: \$2.00 per mile.



### **2020 Construction Rate Sheet**

#### **Personnel**

1. Within 50 miles, personnel will be charged Portal-to-Portal, with an (8) eight-hour minimum upon activation. If Applicable, the client will be charged for the time required to service, repair and restock all vehicles and equipment used during the project. This fee will be charged at the conclusion of the project.
2. Straight-Time rates apply to the first (1st) 8 hours "WORKED" between 0700-1500, Monday through Friday. All other hours worked, including Saturdays, Sundays and Holidays will be charged at the Overtime rate, except Christmas Day, which is billed at double the straight-time rate. The Anders Construction holiday rate will be charged for: New Years Day, Mardi Gras Day, Good Friday, Memorial Day, Independence Day, Labor Day, and Thanksgiving Day. When these holidays fall on a weekend, the nearest weekday will be charged at the Overtime rate.
3. All Anders Construction personnel meet and exceed the training requirements set forth in 29CFR1910.120 and the EM-385-1-1. Any additional training and/or medical monitoring required by the client or to satisfy federal, state and local regulations will be charged to the client at cost plus 15%.
4. Any third-party services required to perform work will be charged to the client at cost plus 15%. Hourly rate for compliance with third party services will be charged at \$150 per hour.
5. Subsistence will be charged when an employee is performing work over fifty (50) miles from their normally assigned Anders Construction location at a rate of \$145.00 per-day-per man. When working in high cost areas as defined by U.S. Government Travel Regulations, subsistence rates may increase.
6. Personnel travel time via air, land or water will be charged as per Anders Construction current rate sheet. Extraordinary travel expenses i.e. airline tickets, charter aircraft, taxi, parking etc., will be charged at cost plus 15%. Travel expenses for long-term, on-site personnel who are permitted to return home every three (3) weeks will be charged at cost plus 15%.
7. Personnel Protection Equipment not listed will be billed at cost plus 15%.
8. Any additional or follow-up work; reports, permitting, meetings, consent orders, insurance meetings or any other commitment of time requested by client or required by governmental agencies, courts or other involved parties will be charged to the client at the applicable daily rate (not less than \$500.00/day) plus transportation and subsistence.
9. Anders Construction reserves the right to bill the client for all items and adjustments made by third party negotiators (qualified individual, adjusters, etc.).
10. Anders Construction reserves the right to bill for adjustments made necessary due to quality assurance checks and/or internal audits.
11. Anders Construction will at no time allow post emergency response negotiated rates to become retroactive.
12. Any cost-plus items that require over water transport will incur additional 10%, totaling cost plus 25%.

#### **PERSONNEL regular/hr ot/hr**

Project Manager \$140.00/hr \$185.00/hr	Diver/Tender \$100.00/hr \$140 /hr
Project Engineer \$120.00/hr \$165.00/hr	Crane Operator \$100.00/hr \$140.00/hr
Health & Safety Manager/Consultant \$100.00/hr \$150.00/hr	Heavy Equip. Oper. \$75.00/hr \$100.00/hr
Consultant/Project Manager \$120.00/hr \$165.00/hr /	Boat Operator \$100.00/hr \$150.00/hr (USCG Lic.)
Site Safety Officer \$120.00/hr \$160.00/hr	Journeyman \$65.00/hr \$85.00/hr
Administrative/Logistical Support \$60.00/hr \$80.00/hr	Welder/Fitters \$145.00/hr \$195.00/hr (incl. equipment)
Supervisor \$110.00/hr \$155/hr (non-diving)	Lead Rigger \$70.00/hr \$95/hr
Foreman \$100.00/hr \$150.00/hr (non-diving)	Rigger \$65.00/hr \$85.00/hr
Subsistence and Per Diem \$145.00 / MAN / DAY	Laborer \$60.00/hr \$80.00/hr



## **EQUIPMENT**

### **Equipment & Miscellaneous**

1. Equipment is charged portal-to-portal; from time of activation.
  - a. Equipment billed on an hourly basis will be billed for a minimum of eight (8) hours upon activation. Equipment billed on a daily basis will be billed for a full day upon activation, unless the response is canceled within the first four hours, and the equipment has not been used, in which case it will be billed at half the daily rate. Daily rate charges are the minimum and maximum charges.
2. Equipment identified on the rate sheet as a daily rate charge will be billed at the daily rate for any period of time used between 0001 and 2400 hours of the same day.
  - a. All fuel and lube oil charges will be billed at cost plus 15%.
  - b. Equipment held in reserve, either on-site or at a dispatch point for the exclusive benefit of the client, will be charged at a stand-by rate equal to half the standard rate until released by the client. If the equipment is needed on another project, the client will be notified and offered the option of releasing the equipment. If the client chooses to retain the equipment on stand-by it will be charged at the full daily rate until released.
  - c. Upon completion of the project the equipment will be returned to its condition at the time of activation. The client will be billed at the equipment rate while the equipment is being decontaminated and/or repaired. If, during the performance of a service and/or services for a client, equipment and/or material sustain damage which renders the equipment and/or material beyond repair or renders decontamination impossible, said equipment and/or materials will be subject to a replacement charge at Anders Construction cost plus 15% unless said damage was sustained as a result of misuse by Anders Construction personnel.
3. Equipment and/or expendables not listed on the current rate schedule will be billed at cost plus 15% and be retained by Anders upon completion of the project.
4. Unless otherwise stated all Equipment charges are WITHOUT operator.
5. All federal, state and municipal taxes, except income taxes and ad-valorem taxes, now and hereinafter imposed with respect to services rendered; to rental equipment; to processing, manufacture, repair, delivery, transportation of equipment and supplies shall be added to and become part of the total price payable by the client. If the client claims an exemption from payment of State Sales and Use Tax, the client will be required to render an Exemption Certificate or Resale Certificate to Anders Construction prior to invoicing.
6. Disposal of recovered product and contaminated materials is the client's responsibility, as generator. Anders Construction will assist with arranging transportation and disposal, if requested.
7. The term of payment for all invoices is Net 30 days from the date of invoice. A finance charge computed at the periodic rate of one- and one-half percent (1.5%) per month (18% per annum) will be applied to all invoices with an unpaid balance beginning on the thirty-first (31st) day from the date of invoice.
8. It is the client's responsibility to pay all invoices within 30 days regardless of insurance or third-party claims.
9. Mileage on vehicles will be charged at \$2.00 per mile.





### **AUTOMOTIVE**

1-Ton Pickup Truck or Smaller \$150.00/day  
1-Ton Pickup Truck 4 X 4 \$200.00/day  
1-Ton Stake bed (Dually) \$200.00/day  
2- Ton Flatbed w/Auto crane \$275.00/day

Mechanic's Truck \$200.00/day  
ATV (Utility Vehicle - Mule) \$300.00/day  
25 -Ton Crane Truck \$125.00/hour  
18 cyd Dump Truck \$105.00 / hour

### **EQUIPMENT**

Telehandler – CAT 1255 - \$700.00 / day  
Skid Loader \$375.00 / day  
308 Track Excavator \$650.00 / day  
Long Reach Excavator \$1,350.00 / day  
20 – Ton Hydraulic Cherry Picker \$1,050.00 / day  
35 – Ton Hydraulic Cherry Picker \$1,350.00 / day  
90 – Ton Truck Crane \$2,900.00 / day  
85 – Ton Hydraulic ATV Truck Crane \$2,900.00 / day  
125 – Ton Hydraulic ATV Truck Crane \$3,400.00 / day  
38,000# Air Burner \$3,200.00 / week (+Delivery)

60 - Ton Crawler Crane \$1,350.00 / day  
70 – Ton Crawler Crane \$1,500.00 / day  
350G – John Deere \$1,250.00 / day  
Drive Head / Auger attachment \$125.00/day  
Mats 3 ply 16' x 8' \$50.00/day  
Mats 1' x 4' x 24' \$65.00/day  
Fuel Tank (150 gal) \$50.00 / day  
Fuel Tank (500 gal) \$58.00 / day  
Fuel Tank (1000 gal) \$100.00 / day  
Electric Core Drill \$225 / day

• A 15% Fuel Surcharge will be added to all Tickets

### **MARINE EQUIPMENT**

20' Airboat \$750.00/day  
18' Flat Boat w/o Motor \$250.00/day  
18' Flat Boat w/Motor \$240.00/day  
18'-24' Fast Response Vessel \$2,000.00/day  
21' Prodrive Twin-engine \$750 / day  
26'-28' Fast Response Vessel \$2,650.00/day  
Sides Scan Sonar Vessel \$4,950 / 10 hr. day  
Barge Boat with 30 bbl storage \$950.00/day  
Hopper Barge 35' x 195' \$750.00 / day  
Spud Barge 230' x 45' x 12' \$1,150.00 / day  
Deck Barge 120' x 30' x 7' \$400.00 / day  
ANDERS ELEVATOR - \$3,500 / day

Deck Barge 264' x 50' x 12' \$1,000.00 / day  
70 – Ton Marine Rig \$5,800.00 / day  
90 – Ton Marine Rig \$7,000.00 / day  
150 – Ton Marine Rig \$8,500.00 / day  
240 – Ton Marine Rig \$14,500.00 / day  
700 –Ton Marine Rig \$65,000 / day  
400 hp Single Screw 2,500.00 / day  
400 hp Twin Screw \$2,800.00 / day  
600 hp Twin Screw \$3,200.00 / day  
800 hp Twin Screw \$3,500.00 / day  
900 hp Twin Screw \$3,900.00 / day

### **WELDING SUPPLIES**

Welding cables 100' w/ connection \$50.00 / day  
Oxygen (oxygen & fuel gas) \$100.00 / bottle fill

200 Amp Welder (Gas) \$100.00 / day  
400 Amp Welder (Diesel) \$100.00 / day

### **AIR COMPRESSOR/GENERATORS**

Air Compressor (850 CFM) \$650.00/day  
Air Compressor (375 CFM) \$375.00/day  
Air Compressor (185 CFM) \$200.00/day

Generator on Trailer (125kw) \$650.00/day  
Generator (12kw) \$200.00/day  
Generator (5kw) \$100.00/day

### **PUMP/HOSE**

2" Pump, Trash Wash \$100.00/day  
3" Pump, Wash \$120.00/day  
4" Pump, Hydraulic Submersible \$400.00/day  
6" Pump, Hydraulic Submersible \$500.00/day  
Hose 1" or less (Air) \$0.45ft/day

Hose 3" or less (Flat Discharge/Fire) \$0.50ft/day  
Hose 3" or less (Suction) \$20.00/section  
Hose 4"-5" (Suction) \$1.00ft/day  
Hose 4"-6" (Flat Discharge) \$0.80 ft/day

### **CONCRETE PUMPING**

Schwing 305 Pump w/ Man & Truck \$150 / Hour (4 Hr Min)  
Pump Hose Labor \$60 Per Hour Per Man (8 Hr. Min per man)  
Pump Prime Charge \$50  
Yardage Charge \$5 / yd3  
Pump Hose Rental \$2 LF



May 4, 2021

Woodward Design+Build  
1000 S Jefferson Davis Parkway  
New Orleans, LA 70125

Attn: Mr. Tom Abernathy

Subject: Proposal for the Construction of 186' x 40' x 7' RTA Canal St. Ferry Docking Barge  
Conrad Shipyard Proposal No. 10-19-7582 Rev. (G)

Dear Mr. Abernathy,

In response to your recent request, Conrad Shipyard, LLC is pleased to offer this Fixed Price Proposal for the construction for one (1) each 186' x 40' x 7' Docking Barge.

**Pricing:**

One (1) 186' x 40' x 7' Docking Barge	Total Price \$1,914,000.00
	(One Million Nine Hundred Fourteen Thousand U.S. Dollars)

**Option Pricing:**

Payment/Performance Bond	Total Price \$19,500.00
	(Nineteen Thousand Five Hundred U.S. Dollars)

**Delivery:**

Delivery for the barge is thirty-eight (38) weeks after contract award. Delivery point for the barge will be afloat FOB APC Construction in Harvey, LA.

Delivery schedule is contingent upon current workload at the time of contract award and steel availability to support the proposed production schedule included herein.

**Clarifications:**

Conrad Shipyard proposal pricing is based on the following clarifications:

1. The proposal is based on execution of mutually agreeable subcontractor contract terms and conditions.
2. The quoted price does not include additional sales or use taxes, if applicable.
3. Our proposal includes B/R insurance based upon the value of our proposal.
4. Our proposal specifically excludes any formal or non-formal training of the vessel crew on any of the onboard equipment and/or systems.
5. Changes to above technical clarifications, or provided design will be subject to a contract modification.
6. Payment/Performance bond pricing is included as an option price.

Clarifications (Continued):

7. Delivery point for the vessel is afloat FOB Harvey, LA at the APC contractor facility. Delivery schedules are contingent upon the owner furnished design completion supporting the proposed production schedule included herein.
8. Conrad has not included DBE certified vendors in pricing.
9. Conrad has not included the following items in proposal pricing:
  - a. 5% tax not included
  - b. Dry-docking
  - c. Mock Ups
  - d. Installation of docking barge at delivery site is not included. Conrad will deliver the barge via assist tugs to the APC Contractors facility in Harvey, LA. Transfer of the barge to owner personnel to take place at that time.
10. Conrad has included an "Appendix A - Conrad Scope of Work" to define the work to be done by Conrad.
11. Conrad pricing is based on current steel market pricing. The proposal has an average price of \$0.69 per pound for plate and structurals. Conrad reserves right to update steel pricing before contract award due to market price fluctuations. Conrad proposes the inclusion of a steel escalation/de-escalation clause in the subcontractor contract agreement.
12. The quoted price does not include sales or use taxes, if applicable.
13. This proposal is based on execution of Conrad's standard commercial contract.

This proposal is valid for thirty (30) calendar days after which time we reserve the right to amend or withdraw same.

We appreciate the confidence you have in our company by allowing us to quote on your requirements and we look forward to working with you to provide firm pricing when more details become available on this project. Should you have any questions please contact me at (985) 380-2110.

Best Regards,

CONRAD SHIPYARD, LLC



Brandon Hotard  
*Estimating Manager*

Cc: Mr. Dan Conrad  
Mr. Brett Wolbrink  
Mr. Robert Sampey  
Mr. Brian Barbier  
Mr. Robert Socha  
Mr. Travis J. Aucoin



May 4, 2021

Project: 186' x 40' x 7' RTA Canal St. Ferry Docking Barge  
Conrad Shipyard Proposal No. 10-19-7582 Rev. (G)

### **Appendix A - Conrad Scope of Work**

This document is to be used in conjunction with Mino Marine Statement of Work (SOW) for Welded Steel Landing Barge, document ID # 350200, Rev. (2) in order to clarify Conrad Shipyards scope of work.

#### **Item #100 Barge Hull Construction**

- A. Conrad to construct the barge hull structure in its entirety as shown the following drawings:
  - a. NA2.01, Rev. (1)
  - b. NA2.02, Rev. (1)
  - c. NA2.03, Rev. (1)
  - d. NA2.04, Rev. (1)

#### **Item #101 Column Support Pedestals**

- A. Conrad to install on deck twenty (20) 30"x30"x1" doubler plates for the column support pedestals shown on dwg. NA3.01, Rev. (2).
- B. Conrad to install on deck twenty-eight (28) 12"x12"x1" doubler plates to support the boarding platform.
- C. Conrad to install below deck column support structure as shown on dwg. NA2.04, Rev. (1).

#### **Item #102 Fendering**

- A. Conrad to provide and install the twenty-four (24) port side shell fendering in its entirety.

#### **Item #103 Mooring Bitts**

- A. Conrad to provide and install the six (6) mooring bitts.

#### **Item #104 Boarding Ramps**

- A. Conrad to provide the counterweight column pedestals only as described in item #101.
- B. Entire boarding ramp scope to be provided and installed by others after delivery except for described in item A above.

#### **Item #105 Manholes and Vertical Ladders**

- A. Conrad to provide and install all manholes and vertical ladders.
- B. Conrad to provide single-bolt galvanized flush type manholes in the main deck.

**Item #106 Machinery Room**

- A. Conrad to fabricate and install the machinery room as shown on dwg. NA2.04, Rev. (1).
- B. Conrad to provide and install three (3) windows in the machinery house.
- C. Conrad to provide and install one (1) weathertight door in the machinery house.
- D. Conrad to provide and install two (2) 4' LED light fixtures in the machinery house.
- E. Conrad to provide and install one (1)  $\frac{3}{4}$  HP exhaust fan in the machinery house.

**Item #106 Electrical System**

- A. Conrad to provide and install all components of the barge power panel system as shown on dwg. NA4.01, Rev. (1).
- B. Conrad to install the customer furnished emergency power system unit w/ the ELP3 emergency lighting panel included.
- C. Conrad to provide and install wiring from the ELP3 panel to junction boxes above deck near a canopy column for line EL1 & 3 for the superstructure lighting and EL7 camera surveillance transmission box. All superstructure lights (FB1) and camera surveillance transmission box are provided and installed by others after the barge is delivered.
- D. Conrad to provide and install wiring for line EL5 from the ELP3 panel to all seven (7) deck light poles. All deck pole lights (FB), along with the poles, are provided and installed by others after the barge is delivered.
- E. Conrad to provide and install under deck conduit for all above mentioned items in Conrad's scope of work.
- F. Conrad to provide and install under deck conduit from two (2) camera/light poles to the closest nearby canopy column.
- G. All cameras, along with their wiring, are provided and installed by others after the barge is delivered.

**Item #107 Safety Chain Padeyes**

- A. Conrad to provide and install two (2) safety chain padeyes.
- B. Breakway chains are to be provided by others.

**Item #108 Handrails**

- A. Conrad to provide and install twenty (20) 6"x12"x1" handrail doubler plates for support of handrails that land onto the barge deck.
- B. The handrails in their entirety will be provided and install by others after delivery.

**Item #109 Pole Mounted Main Deck Lighting and Cameras**

- A. Conrad to provide and install two (2) LED solar powered obstruction lights. The obstruction lights are to be McDermott model Sun4-18L12V-120-2SPK-CL-60.
- B. Conrad to provide and install two (2) obstruction lights poles.
- C. The seven (7) deck light/camera poles in their entirety will be provided and install by others after delivery except Conrad will provide the four (4) mounting studs on deck for each pole.

**Item #110 Mooring Yokes**

- A. Conrad to provide and install the two (2) barge mooring yokes.

**Item #111 Kevels**

- A. Conrad to provide and install the four (4) 48" kevels.

**Item #112 Coating System**

- A. Conrad to provide coating per provided International Labmar Landing Barge Rev. 2 dated 18-Jul-2020 except for the following.
- B. Conrad takes exception to the interior tank preparation noted in the International paint spec calling for a sand blast in all interior tanks. Conrad's proposal includes an interior tank surface preparation consisting of a SP-2 hand tool clean of damaged areas and a high pressure wash of the remaining intact shop primer.

**Item #113 Ballast System**

- A. Conrad to provide and install the ballast system in its entirety as shown on dwg. NA10.01, Rev. (1).

**Item #114 Cathodic Protection**

- A. Conrad to provide and install twenty-five (25) 22 lb. zinc anodes.

**Item #115 Mooring Jib**

- A. Conrad to provide and install one (1) mooring jib.

**Item #116 Davit Crane**

- A. Conrad to provide and install one (1) davit crane, Thern Captain series 571M2, and the crane foundation.

**Item #117 Boarding Ladder**

- A. Conrad to provide and install one (1) boarding ladder.

**Item #118 Tank Vents**

- A. Conrad to provide and install sixteen (16) tank vents, one (1) sewage tank vent and one (1) sea chest vent.

**Item #119 Sounding Tubes**

- A. Conrad to provide and install six (6) sounding tubes for the ballast tanks.

**Item #120 Sewage System**

- A. Conrad to provide and install the sewage system in its entirety as shown on dwg. NA11.01, Rev. (1).

**Item #121 Potable Water Shore Connections**

- A. Conrad to provide and install the potable water shore connection system in its entirety as shown on dwg. NA12.01, Rev. (1).

**Item #122 Channels**

- A. Conrad to provide and install on deck the twelve (12) pieces of C6x8.2# grating support channels iwo the boarding area as shown on dwg. S5.13, Rev. 0.

**Item #123 Ramp Stringers**

- A. Conrad to provide and install on deck the two (2) 9"x36"x1" doubler plates iwo the ramp stringers shown on dwg. S5.13, Rev. 0, Detail 2.
- B. Conrad to provide and install on deck the four (4) 6"x12"x1" doubler plates iwo the stair stringers shown on dwg. S5.31, Rev. 0, Detail 2.

**Item #124 Superstructure**

- A. The superstructure, including all elevated walkway platform with stairs and canopy, in their entirety will be provided and installed by others after delivery.



April 30, 2021

Project: 186' x 40' x 7' RTA Canal St. Ferry Docking Barge  
Conrad Shipyard Proposal No. 10-19-7582 Rev. (F)

### **Appendix A – Submittal Cost Difference Breakdown**

This document is to be used in conjunction with Conrad Shipyard Proposal Rev. (F) and Permit Set Submittal from April 16, 2020 in order to define the cost difference between the two submittals.

#### **Item #100 Barge Hull Construction**

**Cost Difference = \$240,779**

- A. The price of steel increased from \$0.395 per pound to \$0.686 per pound, equaling an increase of \$0.291 per pound.
- B. The purchased weight of the hull steel increased from 267.1 ST to 283.4 ST, equaling an increase of 16.3 ST. The bulk of this increase came from the deck stiffeners size increase, the additional transverse truss framing stanchions and diagonals and the additional below deck structure to support the above deck columns.
- C. The increase in weight noted above and the addition of the (2) boarding gate deck recesses increased our labor hours.

#### **Item #101 Column Support Pedestals**

**Cost Difference = -\$4,437**

- A. Reduced quantity of column support pedestals from (27) to (20).
- B. Added (28) walkway platform stanchion deck doublers.

#### **Item #102 Fendering**

**Cost Difference = -\$21,858**

- A. The length of the multiple fenders was reduced.

#### **Item #103 Mooring Bitts**

**Cost Difference = \$10,115**

- A. The bitts were redesigned.

#### **Item #104 Boarding Ramps**

**Cost Difference = \$0**

- A. Scope did not change. Not in Conrad's scope.

#### **Item #105 Manholes and Vertical Ladders**

**Cost Difference = \$4,698**

- A. Manhole type was confirmed, and the steel increased the cost.

#### **Item #106 Machinery Room**

**Cost Difference = \$4,258**

- A. Steel cost increase.



**Item #106 Electrical System**

**Cost Difference = \$33,088**

- A. The installation and wiring of the Emergency Power System was added to Conrad's scope of work.
- B. The transformer size increased.
- C. A shore power disconnect switch was added.
- D. The ballast and sewage pump were added to the Barge Power System.

**Item #107 Safety Chain Padeyes**

**Cost Difference = \$0**

- A. No change

**Item #108 Handrails**

**Cost Difference = -\$55,298**

- A. Removed the handrails and personnel gates from Conrad's scope of work. Conrad to only provide (15) deck doublers for the handrails on main deck.

**Item #109 Pole Mounted Main Deck Lighting and Cameras**

**Cost Difference = -\$4,179**

- A. Removed the (7) deck light poles from Conrad's scope of work. Conrad to only provide (4) bolting studs per pole on main deck to mount the poles that are provided and installed by others.

**Item #110 Mooring Yokes**

**Cost Difference = \$1,902**

- A. Steel cost increase

**Item #111 Levels**

**Cost Difference = \$0**

- A. No change

**Item #112 Coating System**

**Cost Difference = \$46,119**

- A. A new paint specification was provided.
- B. The paint switched from Carboline products to International.
- C. The interior coatings added an additional full coat and additional stripe coat.
- D. An interior coating of the sewage tank was added.
- E. One (1) additional full coat was added to the surface below the waterline.
- F. Two (2) additional stripe coats were added to the side shell surface above the waterline.
- G. One (1) additional stripe coat was added to the deck surface iwo non-skid area.
- H. Deck non-skid area increased with owner confirming the requirement for non-skid on all deck surface not covered by the elevated walkway.

**Item #113 Ballast System**

**Cost Difference = \$126,433**

- A. Completely new scope

**Item #114 Cathodic Protection**

**Cost Difference = \$0**

- A. No change

**Item #115 Mooring Jib**

**Cost Difference = \$0**

- A. No change

**Item #116 Davit Crane**

**Cost Difference = \$0**

- A. No change.

**Item #117 Boarding Ladder**

**Cost Difference = \$0**

- A. No change.

**Item #118 Tank Vents**

**Cost Difference = \$1,590**

- A. Latest drawings define the vents whereas the previous drawing had no detail provided.
- B. Added the sewage tank vent.

**Item #119 Sounding Tubes**

**Cost Difference = ~~-\$9,451~~**

- A. Reduced quantity of sounding tubes from (16) to (6).

**Item #120 Sewage System**

**Cost Difference = \$25,197**

- A. Completely new scope

**Item #121 Potable Water Shore Connections**

**Cost Difference = ~~-\$3,956~~**

- A. Latest drawings define the potable water system whereas the previous proposal there was no drawings or details provided.

**Item #122 Channels**

**Cost Difference = \$0**

- A. Scope did not change. Not in Conrad's scope.

**Item #123 Ramp Stringers**

**Cost Difference = \$0**

A. Scope did not change. Not in Conrad's scope.

**Item #124 Superstructure**

**Cost Difference = \$0**

A. Scope did not change. Not in Conrad's scope.

**Summary:**

Item #100 Hull Structure	\$240,779
Item #101 Column Support Pedestals & Deck Doublers	(\$4,437)
Item #102 Fendering	(\$21,858)
Item #103 Mooring Bitts	\$10,115
Item #104 Boarding Ramps	\$0
Item #105 Manholes and Vertical Ladders	\$4,698
Item #106 Machinery Room	\$4,258
Item #106 Electrical System	\$33,088
Item #107 Safety Chain Padeyes	\$0
Item #108 Handrails	(\$55,298)
Item #109 Pole Mounted Main Deck Lighting and Cameras	(\$4,179)
Item #110 Mooring Yokes	\$1,902
Item #111 Kevels	\$0
Item #112 Coating System	\$46,119
Item #113 Ballast System	\$126,433
Item #114 Cathodic Protection	\$0
Item #115 Mooring Jib	\$0
Item #116 Davit Crane	\$0
Item #117 Boarding Ladder	\$0
Item #118 Tank Vents	\$1,590
Item #119 Sounding Tubes	(\$9,451)
Item #120 Sewage System	\$25,197
Item #121 Potable Water Shore Connection	(\$3,956)
Item #122 Channels	\$0
Item #123 Ramp Stringers	\$0
Item #124 Superstructure	\$0
<b>TOTAL</b>	<b>\$395,000</b>