

Board Report and Staff Summary

SUBJECT: Canal Street Ferry Terminal Project: Amendment Request to Woodward-APC's Contract	AGENDA NO:
DESCRIPTION: Requesting Board Authorization to Amend Woodward-APC's contract to include repair work to the Jackson Avenue Barge	FILE #: 2019-006
ACTION REQUEST: <input checked="" type="checkbox"/> Approval <input type="checkbox"/> Review Comment <input type="checkbox"/> Information Only <input type="checkbox"/> Other	

RECOMMENDATION:

AUTHORIZE the Chief Executive Officer to:

Amend Woodward-APC's contract to included additional Jackson Ave. Barge repair work for the Canal Street Ferry Terminal project.

ISSUE/BACKGROUND:

In September 2020, at RTA's request, APC Construction completed additional testing to the Jackson Avenue Barge. These tests were to confirm the barge did not sustain damage due to the critical state observed back in May 2020. While APC's Naval Architect concluded that new damage did not occur, existing damage not previously identified was discovered. In order to place the barge safely into revenue service, additional repair work is required.

RTA has requested to add additional improvements to the temporary berthing design in order to improve operability. These include widening the access gangway to allow for faster movement of passengers, demolishing the stair tower, additional utilities, and ballast system repairs. These were previously value engineered out of the project due to budgetary constraints.

This amendment does not include improvements made to the permanent barge. An amendment for changes to the Permanent Barge will be submitted upon completion of the redesign.

DISCUSSION:

The plan is to use the Jackson Avenue Barge as the Temporary Berthing during construction of the new Canal Street Ferry Terminal. While testing was completed in 2017, as the barge has remained inactive and adjacent to an active Mississippi River, it has sustained additional wear and tear. APC's Testing results have been provided to Infinity Engineering, who recently completed the repair design.

Added items will reduce operational functions, as well as allow the RTA to maintain shorter headways. While these added items are not needed to put the temporary berthing into revenue service, they will improve overall operational efficiency.

FINANCIAL IMPACT:

The rough order of magnitude to complete the additional repairs is \$610,000, and will be funded through Grant LA 2017-019.12.73.00, which has an available balance of \$1,130,629. Staff will continue to negotiate this price down as the pricing is finalized. The following is a breakdown of the \$610,000 cost:

Cost of Work Not Previously Identified	
Item	Cost
Tow Barge to Repair Site in Morgan City	\$ 50,000.00
Dry-dock Barge	\$ 24,000.00
Steel Repairs	\$ 181,000.00
Sand Blasting and Painting Barge	\$ 78,000.00
Additional Testing and Surveying	\$ 6,400.00
Total	\$ 339,400.00

Cost of Improvements Recommended By Ferry Operations	
Item	Cost
Demolition of Stair Tower	\$ 91,000.00
Repairing Ballast System	\$ 129,000.00
Additional Utilities	\$ 50,000.00
	\$ -
	\$ -
Total	\$ 270,000.00

NEXT STEPS:

Upon Board approval, staff will amend Woodward-APC's contract to include repair work in their contract.

During the performance of this contract, staff will conduct ongoing dialogue to the Board during the project development.

ATTACHMENTS:

- 1. Board Resolution
- 2. Rough Order of Magnitude (ROM) of Jackson Avenue Barge Repair Work
- 3. Potential Change Order Tracking Log
- 4. Contingency and Savings Tracking Log

Prepared By: Stephen Mitchell, Infrastructure Project Manager

Infrastructure Department
smitchell@rtafoward.org


Reviewed By: Lona Edwards Hankins, Chief of Infrastructure & Planning

Infrastructure Department
lhankins@rtafoward.org


Gizelle Banks
Chief Financial Officer


Date


Alex Wiggins
Chief Executive Officer


Date



Regional Transit Authority
2817 Canal Street
New Orleans, LA 70119-6301

504.827.8300

www.norta.com

RESOLUTION NO. _____

STATE OF LOUISIANA

PARISH OF ORLEANS

**REQUEST TO AUTHORIZATION TO AMEND WOODWARD-APC'S CONTRACT TO
INCLUDE REPAIR WORK TO THE JACKSON AVENUE BARGE**

Introduced by Commissioner _____,
seconded by Commissioner _____.

WHEREAS, in September 2020, at RTA's request, APC Construction completed additional testing to the Jackson Avenue Barge. These tests were to confirm barge did not sustain damaged due to the critical state observed back in May 2020; and

WHEREAS, while APC's Naval Architect concluded that new damage did not occur, existing damage not previously identified was discovered. While testing was completed in 2017, as the barge has remained inactive and adjacent to an active Mississippi River, it has sustained additional wear and tear. In order to place the barge safely into revenue service, additional repair work is required; and

WHEREAS, RTA has requested to also add additional improvements to the temporary berthing design in order to improve operability. These include widening the access gangway to allow for faster movement of passengers, demolishing the stair tower, additional utilities and ballast system repairs these were previously value engineered out of the project due to budgetary constraints; and

WHEREAS, added items will reduce operational functions, as well as allow the RTA to maintain shorter headways. While these added items are not needed to put the temporary berthing into revenue service, they will improve overall operational efficiency; and



RESOLUTION NO. _____

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WHEREAS, this amendment does not include improvements made to the permanent barge. An amendment for changes to the Permanent barge will be submitted upon completion of the redesign; and

WHEREAS, the rough order of magnitude to complete the additional repairs is \$610,000, and will be funded through Grant LA 2017-01912.73.00, which has an available balance of \$1,130,629. Staff will continue to negotiate this price as the pricing is finalize. The following is a breakdown of the \$610,000 cost: \$339,400 for repair work not previously identified, and \$270,000 for improvements requested by Ferry Operations.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Regional Transit Authority (RTA) that the Chairman of the Board, or his designee, authorization to amend Woodward-APC's contract to include repair work to the Jackson Avenue Barge.

THE FOREGOING WAS READ IN FULL, THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

AND THE RESOLUTION WAS ADOPTED ON THE 26th DAY OF JANUARY, 2021.

**FLOZELL DANIELS
CHAIRMAN
BOARD OF COMMISSIONERS**

From: [Jeff Schiro](#)
To: [Mitchell, Stephen](#)
Cc: [Tom Abernathy](#); [Andrew Sharp](#); [Imbrie Packard](#)
Subject: RTA ROM Jackson Ave. Barge Repairs Estimate
Date: Friday, December 18, 2020 12:56:08 PM
Attachments: [PR-2001-91-2- Barge Condition Report.pdf](#)

Steve, below is a list of ROM pricing for repairs to the Jackson Ave. Barge. The scope and rom pricing was developed by Conrad Shipyard (submitted to us on 8/24/20) based ON their review of the attached report:

- **Tow From Harvey Canal to Amelia and Return, ROM = \$50,000**
 - Provide tow boat to move barge from Harvey Canal to Amelia, La
 - Provide tow boat to move barge from Amelia, La to Harvey Canal

- **Drydock Barge, ROM = \$24,000**
 - Drydock barge
 - Assist tugs to enter and exit drydock(1 tug with 4 hr minimum each way)
 - Open and close manholes(14 total)
 - Marine Chemist Certificate
 - Shipyard Competent Person to maintain Chemist's Certificate daily (28 days)
 - Provide shorepower to test systems

- **Steel Renewals, ROM = \$181,000**
 - Crop and renew 150' x 3' x 3/8" upper port side shell with top two (2) 4"x3"x5/16" angle frames and seven (7) 18"x3'xx5/167 bulkhead inserts.
 - Crop and renew miscellaneous brackets, scattered tripped angles and frames.
 - Firewatch
 - Test repairs
 - Touch up paint

- **Paint Exterior, ROM = \$78,000**
 - Commercial blast and apply two (2) coats of epoxy paint to the exterior including deck, sides and bottom.

- **Ballast System Repairs, ROM \$129,000**
 - Remove existing ballast pump and replace with new 10 hp ballast pump.
 - Modify foundation and piping to match new pump.
 - Crop and renew 310' of 3" sch. 40 pipe with fittings(24 ellis, 15 bhd penetrations, hangers and 6 flanges)
 - Fabricate six (6) tank manifold(15' of 4" pipe with 16-3" valves, 32-3" flanges, 6-3" tees and 17 copes)
 - Replace 4" strainer
 - Firewatch
 - Tie in existing electrical
 - Test system

- **Survey, ROM = \$6,400**
 - Survey barge and test equipment in Amelia

Jeff Schiro
Project Manager

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

Office: (504) 822-6443

Direct: (504) 826-1107

Email: jschiro@woodwarddesignbuild.com

Woodwarddesignbuild.com

[LinkedIn](#) | [Facebook](#) | [Instagram](#)

CSFT - POTENTIAL CHANGE ORDER LOG

#	Item	Contract	Type	Cost	Comment
1	3rd Party Cost Estimate Audit	To Solicit	EST	75,000.00	Estimate provided by 3rd Party
2	3rd Party Building Envelope Analysis	To Solicit	EST	15,000.00	Estimate provided by 3rd Party
3	PONO Leasing Fees	PONO	COR	265,537.00	Security Deposit Fee is \$55,165. Annual Base Fee \$165,497.
4	Temporary Barge Additional Repair Work	Woodward-APC	ROM	500,000.00	Demo Stair Tower = \$91K, Repairs and Utilities = \$468K
5	Barge Gangway Expansion	Woodward-APC	PV	150,000.00	ROM provided by Woodward = \$87K, plus additional changes to platform, ramps, and utilities
6	Permanent Barge Changes	Woodward-APC	PV	150,000.00	
7	Construction of the HGU Footprint	Woodward-APC	PV	300,000.00	Established Budget Provided to Infinity
8	Jackson Ave. Barge Removal	APC	COR	241,431.15	Actual Cost as invoiced by APC and paid by RTA, but needs to be applied to the project
9	Additional Electrical Engineering Scope	Infinity	COR	15,000.00	Cost is being drawdown from CA Services as items are unknowns.
10	Additional Resident Inspection for project delays	Royal	COR	50,000.00	
11	Nortrak Contract Closeout	Nortrak	COR	1,270,052.00	Nortrak contract is \$2,059,388, and is requesting \$789,622.00 to close out.
12	Light Fixtures Value Engineering	Woodward-APC	COR	175,000.00	Savings due to substitution requests on Light Fixtures
13	Building Permit Fees	Woodward-APC	COR	60,000.00	Savings due to Building Permit cost being less than expected
14	High River Event	Woodward-APC	EST	500,000.00	Value Provided by Rick-DuPont
15	Removal of Temporary Barge Piles	Woodward-APC	PV	250,000.00	
16	West Wing Arcade Wall Finishes and Bracing	Woodward-APC	PV	100,000.00	
17	Repairs to Wharf as required by PONO	Woodward-APC	COR	51,000.00	Value provided by Woodward-APC
18	Additional GC's to Woodward due to Redesign Delays	Woodward-APC	ROM	224,000.00	GC's are \$112K per month. Assuming two months of delays.
19	Crowd Control Manager	LabMar Marine	EST	138,855.00	Estimate provided by LabMar Marine. \$250 per day for one 12 hour Crowd Control Manager and \$1980 for training. Cost is assuming a year and a half.
				\$ 1,520,771.15	

Total Change Order Cost

Legend	
Change Order Request	COR
3rd Party Estimate	EST
Rough order of Magnitude	ROM
Plug in Value	PV

Canal Street Ferry Terminal Project Financials										
#	Line Item (As Labelled in the Grant Application)	Funding Code	Committed	Funding Total	Anticipated Change Orders	Budget Revision	Install Cost	Savings	Funding Total/Grand Total (%)	
Professional Services	Construction Management 3rd Party	LA 950006.12.71.04	2,045,956	2,045,956	50,000	0	2,095,956	(50,000)		
	Eng./Design Ferry Terminal	LA 950006.12.31.05	2,090,002	2,181,868	0	0	2,090,002	91,866		
	Eng./Design Ferry Terminal	LA 2017-019.12.31.01	735,286	752,256	30,000	0	765,286	(13,030)		
	Re-Eng./Redesign Terminal	1.FERRY.1047	1,251,801	1,252,000	0	0	1,251,801	199		
	Construction of Ferry Terminal/Pedestrian Bridge	1.FERRY.1047	1,155,677	1,155,677	0	0	1,155,677	0		
				7,278,722	7,387,757	80,000	0	7,358,722	29,036	16%
Project Management/Administration	Project Administration	LA 950006.12.79.00	393,570	393,570	0	0	393,570	0		
	Project Administration - 3rd Party	LA 2017-019.12.71.03	153,174	153,174	0	0	153,174	0		
	Project Administration - Transdev/RTA	LA 2017-091.12.79.00	770,223	770,223	0	0	770,223	0		
				1,316,967	1,316,967	0	0	1,316,967	0	3%
Construction	Construction of Ferry Terminal	LA 950006.12.33.05	1,097,276	1,097,276	0	0	1,097,276	0		
	Rehab/Renovate Canal Barge Dock	LA 950006.12.34.05	1,594,940	1,594,940	316,537	0	1,911,477	(316,537)		
	Rehab/Renovate Canal Street Terminal Ferry	LA 950006.12.34.05A	1,015,251	1,015,251	100,000	0	1,115,251	(100,000)		
	Construction of Elevated Structures (Barge/Bridge)	LA 2017-019.12.23.06	3,300,932	3,300,932	1,430,286	0	4,731,218	(1,430,286)		
	Construction of Ferry Terminal	LA 2017-019.12.33.05	5,907,487	5,907,487	(235,000)	0	5,672,487	235,000		
	Construction of Ferry Terminal	LA 2017-019.12.33.05A	4,661,900	4,661,900	724,000	0	5,385,900	(724,000)		
	Other - 3rd Party Testing	LA 2017-019.12.71.11	21,543	89,793	75,000	0	96,543	(6,750)		
	Real Estate Demolition	LA 2017-019.12.76.93	2,831,696	2,831,696	0	0	2,831,696	0		
	Construction of Landscape/Beautification	LA 2017-019.12.93.03	1,583,073	1,583,073	300,000	0	1,883,073	(300,000)		
	Construction of Streetcar Line Equipment	LA 2017-019.12.23.03	2,059,388	3,347,897	(1,270,052)	(1,288,509)	2,077,845	1,270,052		
	Construction-Bus Stop	LA 2017-019.11.33.02	121,520	412,800	0	0	121,520	291,280		
	Construction of Ferry Terminal	LA 900433.12.33.05	278,338	367,500	0	0	278,338	89,162		
	Construction of Ferry Terminal	LA 2016-00.12.33.05	183,750	183,750	0	0	183,750	0		
	Construction of Ferry Terminal/Pedestrian Bridge	1.FERRY.1047	4,744,323	4,744,323	0	0	4,744,323	0		
				29,401,417	31,138,619	1,440,771	(1,288,509)	32,150,697	(992,078)	64%
	Contingencies	Contingencies	LA 950006.12.73.00	0	66,139	0	0	0	66,139	
		Contingencies	LA 2017-019.12.73.00	0	1,130,629	0	0	0	1,130,629	
			0	1,196,768	0	0	0	1,196,768	8%	
Bus Purchase	Buy 40-Ft Bus for Expansion	LA 2017-019.11.13.01	3,200,000	3,200,000	0	0	3,200,000	0		
	Buy 40-Ft Bus for Expansion - Added Funding	RTA	589,460	589,460	0	0	589,460	0		
			3,789,460	3,789,460	0	0	3,789,460	0	8%	
			41,786,566	44,829,571	1,520,771	(1,288,509)	44,595,846	233,725		