

# **Regional Transit Authority**

# **Change Order Routing Sheet**

INSTRUCTION: The user department is responsible for providing the information requested below (all parts), securing the requisite signatures, attaching a justification for the change order, and providing a responsibility determination, with pertinent contact information.

A.	Department Representative to participate in pro	curement process:		
	Darrell LaFrance Name	Capital Pro Title	ject Manager	8310 Ext.
B.	Contract No.:			
	Contract Title and PO No: Rampart Streetcar L	ine: Emergency Recovery Pr	roject	PO 912697
C.	Contract History:			
	Award Value		\$	63,889.70
	Previously Executed Change Orders		\$	126,679.79
	Previous Contract Value Prior to Requested Cha	ange Order (Sum)	\$	190, 5'69. 49 6 63,889.70
	Value of Current Change Order			107,923.26
	Revised Contract Value		\$	298,492.75
D. E.	Justification of Change Order:  RTA awarded a contract to AECOM to develor Engineer of Record of the line. Amendment 2 stopower boxes, and the Overhead Catenary System updated field assessment of the elastomeric ground an updated assessment of the conditions and local assessment of the OCS poles, conductors, has correction for repairs.  Type of Change Requested:  Add	scope is for the design to rep in (OCS) on Rampart from Ca it locations with a detail map ations of the existing traction rdware, catenary system, for	place and repair the anal Street to Elysian of the locations of re a power pull boxes an	elastomeric grout, the traction in Fields. AECOM is providing equiring correction. To provide and repairs that are needed. The
	•	/		
F.	Responsibility Determination: The Infrastructur consistent with industry standards, and hours are	re department has found the reasonable for the level of	e Price fair and reas- effort.	onable as the hourly rates are
G.	Prime firm's DBE/SLDBE Commitment (NOT Commitment percentage applies to the Total Co % DBE  Additional Information  DBE/EEO Compliance Manager	ntract Value after all amend	ments and change of % Sm	roject Manager that the DBE rders.): all Business
* *	-	Date	e /	
Н.	Certification of Authorized Grant			



	Is this item/specif			rized Grant?		Yes	Q	
	Are there any am	•	_ /			Yes	, (N	
	If Yes, please a	ttach the amend	ment to this Rout	ing Sheet and	l explain.	./ .	/.	
	Director of Grants/ Fed	M. D.	and H	<u>.                                    </u>	Date	1/25	/22	
	6 1	uerai Compjian	lee //		Date	,		
I.	Funding Source:	Federal	State	Local		Other:		
	Funds are specifically al	located in the Do	enartment's currer	nt fiscal vear	hudget or	in a grant to co	over this expend	liture as
	follows:			<b>,</b>		a gama a		
	Total Amount Available				\$			0.00
	Projected Cost				\$			298,492.75
	Previous Cost				\$			190,569.49
	FTA Grant No.(s)				\$			N/A
	Line Item(s)				\$			N/A
	Operations/Department (	Code			\$			N/A
	Budget Code(s)				s1	.1510	109	1.151.0109
	Other				\$	00		N/A
	Es7				1/24	121		
	Budget Analyst				Date	10 1		
	Chief Financial Officer	-8	<b>—</b>		Date	187/22	<b>L</b>	
	211. 1	08	0 -1		Date /	0.1		
J.	Mille	ul Ja	mulh			26/22		
	Safety (If applicable)					Date '		
K.	Authorizations:	A 4	1					
12.	Xmo de	and &	John		1/2	24/202	Z	
	Department Head	. 1			Date			
(	Linacdus	t low	endon			24/202	22	
(	Division Manager	has)		ě	Date 2	1,0/2	2	
	Director of Procuremen	Win	mi (ma	(M)	Date 2-	16-0	7822	_
	CEO	19			Date			

t Authority INV.: Regional Transit Authority 827-8 (204) 827-8 (204) 827-8 (204) 827-8 (204) New Orleans, Louisiana 70119

AECOM TECHNICAL SERVICE INC 1515 PODRAS STREET SUITS 2700 NEW ORLEANS LA 70112

Page Date

4/02/20

912697-000 1

SHIP REGIONAL TRANSIT AUTHORITY SECTION STEPPING SECTION STREET NEW ORLEANS, LA 70119 Order No. -Brn/Plt

UM Unit Cost Extension EA 63,889.70 Damage Assessment 103964 PROMISED DELIVERY DATE - 07/15/20 - 04/02/20 Vendor No. 6102379 - Default - Handling Code Description / Supplier Item Damage Assessment Survey With report/Rampart Street CAR LINE RECOVERY PROG. Ordered Delivery Freignt

Sales Tax Total Order	PERSON TO WHOM ADDRESSED MUST APPEAR ON ALL PACKAGES AND INVOICES	REGIONAL TRANSIT AUTHORITY	BY MANAGER, FURCHASING DEFI- TLEMENT OR OTHER MATTER HAVING A STAILL BE RESOLVED FURSUANT TO	TAX FREIGHT INV. TOTAL
Terms Net 30 Tax Rt	DATE RECEIVED RECEIVED	CHECKED BY APPROVED	ANY CONFLICT DISPUTE LEGAL PROCEEDING SETTLE LEGALLY BINDING IMPACT ON THE PARTIES HERETONS THE STATE OF LOU	INV. DATE INV. NUMBER INV. AMOUNT

INV.: Regional Transit Authority 827-8407 Seconding Dept (504) 827-8407 New Orleans, Louisiana 70119

Page Dafe

3/31/21

912697-00<u>1</u> Order No. Brn/Flt

REGIONAL TRANSIT AUTHORITY Stephen Mitchell 2817-TREET NEW ORLEANS, LA 70119

SHIP

AECOM TECHNICAL SERVICE INC 1515 POYDRAS STREET SUITE 2700 NEW ORLEANS LA 70112

Extension 63,889.70 126,679.79 Damage Assessment 103964 PROWISED DELIVERY DATE - 07/15/20 EA EA Unit Cost op OCS repair package for ency Recovery Project, as A repair work performed E E EA Vendor No. 6102379 Taken By Handling Code Description / Supplier Item
Damage Assessment Survey
With report Rampar Survey
CAR LINE RECOVERY PROG.
Change Order Instructus
Non Strong Order I for AECOM to develop
The Rampart Streetcar Line: Emergent
Well Rampart Streetcar Line: Emergent
Well Rampart Streetcar Line: Emergent
By the Hard Rock Hotel Developer. Ordered 04/02/20 Delivery 04/02/20 Freight Default

Total Order 190,569.49 TNV. TOTAL AND ON ALL INVOICES PERSON TO WHOM MUST APPEAR PACKAGES AND FREIGHT ANY CONFLICT, DISPUTE, LEGAL PROCEEDING SETTLEMENT OF CTHES THE LEGALLY BINDING IMPACT ON THE PARTIES HERETO SHALL BE RESOLVED THE LAWS AND JURISPRUDENCE OF THE STATE OF LOUISIANA. Sales Tax X INV. AMOUNT INV. NUMBER Terms Net 30 APPROVED BY INV. DATE RECEIVED BY DATER CHECKED BY

# Independent Cost Estimate (ICE)

## INDEPENDENT COST ESTIMATE SUMMARY FORM

Project Name/Number:
Date of Estimate:
Description of Goods/Services:  Canal Streetcar Line Restoration Hardrock Project
X_ New Procurement Contract Modification (Change Order) Exercise of Option
Method of Obtaining Estimate:
Attach additional documentation such as previous pricing, documentation, emails, internet screen shots, estimates on letterhead, etc.
Published Price List (attach source and date)
Historical Pricing (attach copy of documentation from previous PO/Contract)
Comparable Purchases by Other Agencies (attach email correspondence)
_X Engineering or Technical Estimate (attach) Independent Third-Party Estimate (attach)
Cother (specify) Machedule attach documentation
Pre-established pricing resulting from competition (Contract Modification only)
Through the method(s) stated above, it has been determined the estimated
total cost of the goods/services is \$107,923.26
The preceding independent cost estimate was prepared by:
Darrell LaFrance
Signature Signature

		Натра	rt Streutcar Line Reco	very				
*	. ttem	Evaluation	Development	Design	Construction mer	RATE	SUBTOTAL	Total
1	Project manager		2	2	8.00	120	12.00	1,440.0
2	Technical manager	#:	Jas.	12	16.00	115	44.00	5,060.0
3	Task Manager		13	28	16.00	90	65.00	5,850.00
4	3 Enginners	86	121	118	82.00	157	325.00	16,451.00
5	Inspector	5:			120 00	40	125.00	5,000.00
6	Design	A	106	94	16.00	50	216.00	9,803.56
	Overhead & Profit S	66,183.00						43,604.00

NOTES:

Hardrock Emergency Recovery Project	Unit	Quantity	5	Cost
Engineering	3		107,923	100,000.00
Construction	1			
Tensioning and alignment Rampart Streetcar Line	LF			
OCS from Elysian Fields to Bienville	Wire		12706	22.00
Purchase and Install Ornamental OCS Pole, Base	<b>:</b>			
Plate, and Light Fixture (pole AV88)	)			
12" Fluted Pole	FT		1	19,792.85
Decorative Base Plate Cover	EA		1	3,706.15
Replica Light	EA		1	9,127.33
Purchase and Install Rampart st. OCS Hardware from	ı			
Bienville to Canal St.				
OCS Cantilever assembly and Hardware Attachment	EA		6	4,321.93
Replica Light	EA		3	9,127.33
Installation of Rampart St OCS Hardware from				
Bienville to Canal				
Installation of new disconnect switching	EA		1	4,325.75
Testing of Reinstalltion and Re Tensioning	LS		1	116,273.60
Maintenance and Traffic Protection	Day		40	1,200.00
Subtotal				
Profit and Overhead			10%	当
Subtotal				
Project Management			5%	_
Project Administration			3%	
Subtotal			370	
Escalation			5%	37,123.83
Contingency			20%	148,495.33
Total				1,324,403.61



AECOM 1700 Market St Suite 1600 Philadelphia, PA 19103 www,aecom.com 215-735-0832 tel 215-735-0883 fax

July 27, 2021

Dwight Norton Sr. Director of Strategic Planning New Orleans Regional Transit Authority 2817 Canal Street New Orleans, LA 70119

Re: Rampart Streetcar Line Emergency Recovery Project – Phase 2

AECOM Project #60637432

Scope and Cost Proposal: Contract Amendment #2 - Additional design scope of work

Dear Mr. Norton:

AECOM understands that the RTA would like AECOM to provide additional design work for the referenced project that would address the remediation of two components of the existing Rampart Streetcar Line infrastructure: the elastomeric grout surrounding areas of the special trackwork of the half-grand union at the intersection of Canal Street and North Rampart Street, and the structural reinforcement of the in-track traction power boxes along the Rampart Streetcar Line. During a series of telephone conversations and e-mail correspondence, the previous RTA project manager stated that these two long-standing infrastructure conditions along the Rampart Streetcar Line have created maintenance problems for several years and that the RTA would like AECOM to address their remediation as part of the on-going design of the Rampart Streetcar Emergency Recovery. AECOM's proposal for providing design and engineering field support for those elements of work is \$107,923.26, which will increase the present AECOM contract amount to \$298,492.75.

#### **SCOPE OF SERVICES**

In a January 14, 2021 letter AECOM proposed to review and assess the condition of the elastomeric grout infill areas of the half-grand union at the intersection of Canal Street and Rampart Street, and to review and assess the condition of the structural conditions of the traction power pull boxes integral with the track slabs along Rampart Street. That proposal included a clarifications that the proposals included field inspection of the existing conditions, but did not include the design or redesign of the conditions.

AECOM now proposes to provide design services to take the preliminary assessment to the next level and provide construction documents and engineering field support of the remedial work. This proposal includes the following scope of work:

#### Elastomeric Grout

- Provide the updated field assessment of the elastomeric grout locations for the purposes of providing a detailed "map" of the locations requiring correction.
- 2. Develop design drawings and specifications, if necessary, to identify the third-party contractor work necessary to replace the failed elastomeric grout with a full-depth replacement.
- 3. Provide engineering field support during the initial phase of the selective demolition of the failed epoxy grout.

#### <u>Traction Power Boxes</u>

- 1. Provide an updated assessment of the condition and location of the existing traction power pull boxes along Rampart Street, which were installed during the original construction, to identify the proper, measured limits of the proposed selective demolition around each traction power box location.
- 2. Develop design drawings and specifications, if necessary, to describe the third-party contractor scope of work to remove the traction power box frame installations and replace the box frames with more robust structural supports.
- 3. Provide engineering support for reviewing construction phase RFIs and contractor submittals required by the contract documents.

New Orleans RTA - Dwight Norton July 27, 2021 Page 2 of 2

#### **SCHEDULE**

The AECOM proposal is based on a four-week design duration that will commence with the receipt of the RTA approval of the proposal. It assumes that this work will be completed in such a manner that allows it to be used as a Bid Amendment of the remainder of the Phase 2 Rampart Streetcar Emergency Recovery Project. The proposed construction phase engineering support will be performed during the Phase 2 third party construction work. AECOM's proposal is based on completion of the work by the end of December 2022.

A detailed cost proposal, including Form 4400 documentation is provided herein. Should you have any questions, please contact Bill Norquist at 215-789-2115 (<u>william.norquist@aecom.com</u>) or AECOM's Project Director, Sam Pickard, at 215-789-2154 or 267-246-0645 (<u>samuel.pickard@aecom.com</u>).

Sincerely,

**AECOM Technical Services, Inc.** 

Samuel A Pickard, PE Vice President – Transit

Project Director

William V. Norquist, Jr., PE Vice President - Transit/Rail

Killiam V. Horgenst Jr.

Project Manager



Project No.: 60637432
Project: RTA Rampart Streetcar Line: Reinstallation Plan
Task: Amendment No. 2: Design of traction power box repairs and elastomeric
grout replacement
Date: 7/27/2021

				SUMMAK	SUMMARY OF ESTIMALED HOURS	TOURS			
Employee Name Description	ne S. Pickard on Proj. Mgr.	W. Norquist Technical Mgr.	J. McDowell Task Mgr.	Varies Sr. Eng.	Varies Eng.	Varies Jr. Eng.	Varies	Varies Designer / Tech.	TBD
Direc	Ш	\$110.30	\$80.29	\$70.00	\$55.00	\$32.00	\$38.00	\$42.00	\$34.00
TASK									
1. Evaluate existing foundations adj. to Hard Rock									
Field inspection of all Traffic Control Boxes and ground conditions		00	80	.00	5		s		
2. Develop Construction Plans for Traction Control Box Repair									
Title Sheet			2			4		ų	
Plan view (2 Sheets)			2	Œ	12	. 15		20.00	
Disposition Table			-	9		:		2	
Detail Sheets ( 4 sheets)			2	14	28	28		42	
Traffic Control			2	4	00	32		33	
Specifications			4	00	12	16		3	į
oto	2	œ							
3. Design removal and replacement of elastomeric grout									
Develop Civil Plan views (3 drawings)			ع	12	24			35	
Investigate Repair Options and costs (3 alternatives and call for selection)	(u		80	000				8	
Epoxy Repair Details			2	4		۵		12	
Disposition Table			1		9			2	i
Traffic Control			2		80	00		15	
Assemble Standard Plan and Details (10 sheets)			ın		10			20	
oc	2	12	4		8			80	
4. Additional Construction Mgmt. and construction field support									
RFI and Submittal Review			00	00	80	80	40	16	
Inspection of Existing Epoxy Removal							80		
Coordination	80	16	80	00					
TOTAL HOURS	12	44	65	98	121	118	125	216	0
TOTAL - DIRECT LABOR (by person)	\$1,395.36	\$4,853.20	\$5,218.85	\$6,020.00	\$6,655.00	\$3,776.00	\$4,750.00	\$9,072.00	\$0.00
Direct Labor Overhead ODCs Profit	1.30697 CS 1.30697	\$41,740.41 \$54,553.46 \$2,000.00 \$9,629.39							

#### FEDERAL AVIATION AGENCY Form approved COST AND PRICE ANALYSIS - RESEARCH AND DEVELOPMENT CONTRACTS Budget Bureau No. 06-r120 This form is to be used in lieu of FAA Form 3515 as provided under FAPH 2-16-260-2, it will be PURCHASE REQUEST NUMBER executed and submitted with proposals in response to "Requests for Proposals," for the procurement research and development services. If your cost accounting system does not permit analysis of costs as Request for Proposals No. required, contact the purchasing office for further instructions. NAME AND ADDRESS OF OFFERER TITLE OF PROJECT AECOM Technical Services, Inc. Rampart Streetcar Line: 1555 Poydras Street, Suite 1860 Recovery Project New Orleans, LA 70112 DETAIL DESCRIPTION **ESTIMATED** RATE/HOUR TOTAL Rampart Streetcar Line: Recovery Project - Amendment No. 2 HOURS ESTIMATED COST Elastomeric grout and traction power boxes rehabilitation (Dollars) DIRECT LABOR (Specify) Project Manager 12 \$116.28 \$1,395,36 Technical Manager 44 \$110.30 \$4,853.20 Task Manager 65 \$80.29 \$5,218.85 Senior Engineer 86 \$70.00 \$6,020.00 Engineer 121 \$55.00 \$6,655.00 Junior Engineer 118 \$32.00 \$3,776.00 Inspector 125 \$38.00 \$4,750.00 Designer/Technician 216 \$42.00 \$9,072.00 CADD/Drafter 0 \$34.00 \$0.00 TOTAL DIRECT LABOR 787 \$41,740.41 2) BURDEN (Overhead - Specify) **BURDEN RATE** x BASE = BURDEN (\$) Corporate Overhead 130.70% \$41,740.41 \$54,553.46 \$54,553.46 TOTAL BURDEN 3) DIRECT MATERIAL TOTAL MATERIAL \$0.00 4) SPECIAL TESTING (Including field work at Governmental installations) N/A TOTAL SPECIAL TESTING 5) SPECIAL EQUIPMENT (If direct charge - specify in Exhibit B on reverse) 6) TRAVEL (If direct charge) a) TRANSPORTATION (includes all non-per diem travel) \$1,375.00 b) PER DIEM OR SUBSISTENCE \$625.00 TOTAL TRAVEL \$2,000.00 7) CONSULTANTS (Identify - purpose - rate) TOTAL CONSULTANTS \$0.00 8) SUBCONTRACTS (Specify in Exhibit B on reverse) \$0.00 9) OTHER DIRECT COSTS (Specify in Exhibit B on reverse. Explain royalty costs, in any) TOTAL Direct Cost & Burden 11) GENERAL AND ADMINISTRATIVE EXPENSE (Rates % of item nos.) TOTAL ESTIMATED COSTS \$98,293.87 13) FIXED FEE OR PROFIT (State basis for amount in proposal) 10 % of LABOR & OVERHEAD \$9,629.39 TOTAL ESTIMATED COST AND FIXED FEE OR PROFIT \$107,923.26

(5) OVERHEAD RA	TE AND GENER	AL ADMINIS	STRATIVE RA	TE INFORMA	TION		
A. GOVERNMENT AUDIT PERFORMED	DA	TE OF AUDIT	Γ	ACCOUNTING PERIOD COVERED			
No	1	7-Mar-21			Fiscal Year e	nding October 2, 2020	
B. NAME AND ADDRESS OF GOVERNMENT AGEN  Cleary Government Services, LLC  321 N. Clark Street  Suite 1200  Chicago, IL 60654	ICY MAKING AU	JDIT		RATES ¥	UR CONTRACTS ES NO (If yes, Notiating rates)	PROVIDE NEGOTIATED OVERHEA	
D. (If no Government rates have been established furnish DEPARTMENT OR COST CENTER	the following info	BASE		INDIDECT EX	KPENSE POOL	BASE FOR TOTAL	
N/A	KIL	BASE		INDIRECT EX	KI ENSET OOE	BASETOR TOTAL	
16) EXHIBIT A - SUB CONSULTANT INFORMATION	V (If more space is				ımbers)		
NAME AND ADDRESS OF SUBCONTRACTOR		SUBCONTE	RACTED WORI	K		SUBCONTRACT	
					TYPE	AMOUNT	
N/A							
	_						
17) EXHIBIT B - OTHER DIRECT COSTS (Specify, if r	more space is need	ed, use blank	sheets, identifyi	ng item numbe	rs)		
Travel costs / Lodging			Т	J. all anata ana		S1,37	
			Trave	el: all costs exe	el: per diem	\$62	
		CERTI	FICATE				
The labor rates and overhead costs are current at represents: (A) that he has, or has not, employe bidder) to solicit or secure this contract, and (b)	d or retained any	company or p	person (other th	ıan a full-time	bona fide employ	ee working solely for the	
fide employee working solely for the bidder) any							
contract, and agrees to furnish information relati	ng to (a) and (b) a	ibove, as requ	uested by the C	ontracting Of	fices.		
For interpretation of the representation, including the t	erm "bona fide er	nployee," see	e (Code of Fede	eral Regulation	ns. Title 44, Part	50.)	
NUMBER OF CONTRACTOR EMPLOYEES		STATE INCO	ORPORATED II	N			
Over 1,000		Californi					
DATE SIGNATURE AND TITLE 7-21-21	1	ED REPRES Vice Preside		FCONTRAC	ror		

### LaFrance, Darrell

From:

Norquist Jr, William < William.Norquist@aecom.com>

Sent:

Tuesday, February 8, 2022 9:13 AM

To:

LaFrance, Darrell

Subject:

#60637432 NORTA Rampart Streetcar Emergency Recovery - DRAFT REVISED

**SCHEDULE** 

Attachments:

DRAFT schedule 1-10-22.pdf

Hi Darrell,

I changed the proposed schedule to show the project going into 2023. See the proposed changes below.

For comparison, the attached file shows the previous schedule.

I gave the contractor more time to develop his Safety Plan and Traffic Control Plan, and then I added an extra week to allow RTA and DPW to review the Traffic Control Plan.

Those changed the completion date of the Contractor's physical from October 3, 2022 to October 26, 2022, and pushed the end of the Performance Date to January 24, 2023.

DRAFT SCHEDULE AS OF 2/9	/22 ***T	O BE VERIFIED***	12 M. III 32	
Task Name	Duration	Start	Finish	Predecessors
Engineering documents review	40 days	12/22/21	2/25/22	
Final engineering design comments addressed	5 days	2/28/22	3/7/22	1
RTA provide Pre-final approval design documents	5 days	3/8/22	3/14/22	2
RTA establish proposed construction duration	10 days	2/28/22	3/14/22	1,3FF
AECOM to sign & seal drawings	5 days	3/15/22	3/21/22	3,4
Finalize LA Uniform Public Bid Form	2 days	3/22/22	3/23/22	5
Issued for Bid documents finalized	2 days	3/24/22	3/25/22	6,5
Advertise for Bids	1 day	3/28/22	3/28/22	7
Bid Cycle	22 days	3/29/22	4/28/22	8
Bid Opening	0 days	4/28/22	4/28/22	9
Develop RTA internal Board package	16 days	4/29/22	5/20/22	10
Bid Approved at Board Meeting	1 day	5/24/22	5/24/22	
Planned Notice to Proceed	5 days	5/25/22	6/1/22	12
Construction Cycle	113 days	5/18/22	10/26/22	
Contractor to inspect & approved RTA-supplied material	15 days	5/18/22	6/8/22	13FF+5 days
Contractor to submit Safety Plan & Mobilize	22 days	6/2/22	7/1/22	13
Contractor to develop Traffic Control Plan (TCP)	22 days	6/2/22	7/1/22	13
DPW and RTA to review TCP	15 days	7/5/22	7/25/22	17
Contractor to perform contract work	66 days	7/26/22	10/26/22	18
Substantial Completion	0 days	10/26/22	10/26/22	19FF
Final Completion	23 days	10/27/22	12/1/22	20
Planned Revenue Service Date	30 days	10/27/22	12/12/22	20
Period of Performance End Date	30 days	12/13/22	1/24/23	22
Planned Project Closeout Date	0 days	1/24/23	1/24/23	23FF

The schedule is tied to a hard date for the Board Meeting on May 24, 2022. If that slides, everything after it will slide accordingly.

Please let me know if these proposed changes are acceptable, and I can send you the formal version.

If you would like changes to what I showed above, we can make those changes with no problem, just let me know.

Bill

William V. Norquist, Jr., P.E. Vice President, Transit/Rail D +1-215-789-2115 william.norquist@aecom.com

### **AECOM**

1700 Market Street Suite 1600 Philadelphia, PA 19103, USA T +1-215-735-0832 aecom.com

### Delivering a better world

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