

GENERAL SUPERINTENDENT RECOMMENDATIONS
FOR THE MARCH 28, 2018 MEETING

- A. BIDS. A listing of the bids received during the months of December 2017 and February 2018 is included in the following report. A brief summary is attached for your review.

Item 1 - R-038-2018 - FURNISHING STANDARD 4" AND 5" FIRE
HYDRANT REPAIR PARTS - REQ. NO.
YW18-0004

Item 2 - R-039-2018 - CONTRACT 1404 - ALGIERS WATER
PURIFICATION PLANT IMPROVEMENTS
PROJECT

Item 3 - R-028-2018 - CONTRACT 5240 - DRAINAGE SYSTEM
SUPPORT PUMP REPAIR DPS 4 C/D/E
PROJECT

Item 4 - R-014-2018 - CONTRACT 30106 - REHABILITATION OF
BIO-REACTOR TRAIN #4 AT THE EAST BANK
WASTEWATER TREATMENT PLANT

**GENERAL SUPERINTENDENT RECOMMENDATIONS
REPORT OF FINAL ACCEPTANCE TO BE
CONSIDERED BY THE FINANCE AND ADMINISTRATION COMMITTEE
AND THE BOARD'S MEETING OF MARCH 28, 2018**

During December and February bid(s) were received and evaluated (as per attached tabulations) on various items as follows:

1. FURNISHING STANDARD 4" AND 5" FIRE HYDRANT REPAIR PARTS - REQ. NO. YW18-0004

One (1) bid was received on February 22, 2018 for furnishing standard 4" and 5" fire hydrant repair parts. The bid of Cimsco, Inc. in the amount of \$1,747,095.75 is over the estimated amount. It is, therefore, recommended that this bid be rejected. The estimated amount for this project is \$1,000,000.00.

2. CONTRACT 1404 - ALGIERS WATER PURIFICATION PLANT IMPROVEMENTS PROJECT

Four (4) bids were received on December 1, 2017 for performing work under Contract 1404. It is recommended that the low formal bid of Max Foote Construction Co., LLC in the total amount of \$7,240,000.00 be accepted based upon the technical review of the proposals.

The four (4) bidders are as follows:

1. Max Foote Construction Co., LLC	\$7,240,000.00
2. M.R. Pittman Group, LLC	7,419,400.00
3. Pintail Contracting	7,642,000.00
4. Lou-Con, Inc.	8,150,000.00

The DBE participation goal is 35.82%.

The estimated amount for this project is \$8,000,000.00.

Funds for this project are budgeted under Capital Program 110 (Normal Extensions and Replacements).

GENERAL SUPERINTENDENT RECOMMENDATIONS (CONT'D)

March 28, 2018

Page 2

**3. CONTRACT 5240 - DRAINAGE SYSTEM SUPPORT PUMP REPAIR DPS 4
C/D/E PROJECT**

Three (3) bids were received on February 23, 2018 for performing work under Contract 5240. The low bidder, M.R. Pittman Group, LLC withdrew their bid proposal due to numerical errors and omissions. It is, therefore, recommended that the low formal bid of Alfred Conhagen Inc. of LA in the total amount of \$2,947,000.00 be accepted based upon the technical review of the proposals.

The three (3) bidders are as follows:

1. M. R. Pittman Group, LLC	bid withdrawn
2. Alfred Conhagen Inc. of LA	\$2,947,000.00
3. Lou-Con, Inc.	4,285,000.00

There is no DBE participation.

The estimated amount for this project is \$3,000,000.00.

Funds for this project are budgeted under Capital Program 511 (Normal Extensions and Replacements of Stations).

**4. CONTRACT 30106 - REHABILITATION OF BIO-REACTOR TRAIN #4 AT
THE EAST BANK WASTEWATER TREATMENT PLANT**

Two (2) bids were received on January 5, 2018 for performing work under Contract 30106. It is recommended that the low bid of Chart Mechanical Construction, LLC in the total amount of \$1,897,000.00 be accepted based upon the technical review of the proposals.

The two (2) bidders are as follows:

1. Chart Mechanical Construction, LLC	\$1,897,000.00
2. Industrial & Mechanical Contractors, Inc.	2,081,500.00

The DBE participation is 19%.

The estimated amount for this project is \$2,500,000.00.

Funds for this project are budgeted under Capital Program 348 (Extension & Replacement - Treatment Plants).

**FURNISHING STANDARD 4" AND 5" FIRE HYDRANT REPAIR PARTS - REQ.
NO. WY18-0004**

BE IT RESOLVED by the Sewerage and Water Board of New Orleans that one (1) bid was received on February 22, 2018 after advertising according to the Public Bid Law, for Furnishing Standard 4" and 5" Fire Hydrant Repair Parts. The bidder was over the estimated amount. **It is recommended that this bid be rejected.**

I, Bruce H. Adams, Interim General Superintendent, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board, duly called and held, according to law, on March 28, 2018.

**BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**CONTRACT 1404 - ALGIERS WATER PURIFICATION PLANT IMPROVEMENTS
PROJECT**

BE IT RESOLVED by the Sewerage and Water Board of New Orleans that four (4) bids were received on December 1, 2017 after advertising according to the Public Bid Law, for performing work under Contract 1404. The bid was hereby accepted and contract awarded therefore to **Max Foote Construction Co., LLC** for the total amount of \$7,240,000.00.

I, Bruce H. Adams, Interim General Superintendent, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board, duly called and held, according to law, on March 28, 2018.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**CONTRACT 5240 - DRAINAGE SYSTEM SUPPORT PUMP REPAIR DPS 4 C/D/E
PROJECT**

BE IT RESOLVED by the Sewerage and Water Board of New Orleans that three (3) bids were received on February 23, 2018 after advertising according to the Public Bid Law, for performing work under Contract 5240. The bid was hereby accepted and contract awarded therefore to **Alfred Conhagen Inc. of LA** for the total amount of **\$2,947,000.00**.

I, Bruce H. Adams, Interim General Superintendent, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board, duly called and held, according to law, on March 28, 2018.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**CONTRACT 30106 - REHABILITATION OF BIO-REACTOR TRAIN #4 AT THE
EAST BANK WASTEWATER TREATMENT PLANT**

BE IT RESOLVED by the Sewerage and Water Board of New Orleans that two (2) bids were received on January 5, 2018 after advertising according to the Public Bid Law, for performing work under Contract 30106. The bid was hereby accepted and contract awarded therefore to **Chart Mechanical Construction, LLC** for the total amount of \$1,897,000.00.

I, Bruce H. Adams, Interim General Superintendent, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board, duly called and held, according to law, on March 28, 2018.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

CONTRACT AMENDMENT NO. 2 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND ARCADIS U.S., INC CONSULTING SERVICES, FOR DESIGN AND ENGINEERING SERVICES FOR SYCAMORE FILTER GALLERY BACKWASH FACILITY

WHEREAS, on August 5, 2015 the Sewerage and Water Board of New Orleans (Board) awarded a contract in the amount of \$654,000.00 to Arcadis U.S., Inc. to perform design services for the construction of a new Filter Backwash Facility; and

WHEREAS, Arcadis U.S., Inc. submitted a fee of \$136,654.00 for Contract Amendment No. 1 to provide additional engineering design services to perform design and engineering services for the structural repairs to Sycamore Filter Gallery; and

WHEREAS, This Contract Amendment in the amount of \$529,318.96- for additional engineering services for design of hazardous material removal, and construction management/contract administration services for the construction phase of this project- brings the total authorized contract amount for design services to \$1,319,972.96; and

WHEREAS, This Contract Amendment increases the DBE percentage for Arcadis U.S., Inc. design services to 35%, per the original Professional Services Agreement dated August 5, 2015 "consultant has committed to comply with meeting or exceeding the DBE participation goal of 35% for the project through future amendment for construction resident inspection services;" and

NOW THEREFORE BE IT RESOLVED, that approval of Contract Amendment No.2 for Arcadis U.S., Inc. is ratified by the Sewerage and Water Board of New Orleans.

I, Bruce Adams, Interim General Superintendent,
Sewerage and Water Board of New Orleans, do hereby
certify that the above and foregoing is a true
and correct copy of a Resolution adopted at the Regular
Monthly Meeting of said Board, duly called and held,
according to law, on March 28, 2018.

BRUCE ADAMS, P.E.
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS



SEWERAGE AND WATER BOARD OF NEW ORLEANS

Inter-Office Memorandum

Date: March 8, 2018

From: Bruce Adams, P.E.

Interim General Superintendent

Bruce Adams 03/08/2018

To: Marcie Edwards

Interim Executive Director

Re: Contract Amendment No. 2 – Sycamore Filter Gallery Backwash Facility
Engineering Design Services for Arcadis U.S., Inc.

Attached please find a letter from the Chief of Engineering, recommending approval of the second Contract Amendment for Additional Engineering Services performed by Arcadis U.S., Inc.

This request in the amount of \$529,318.96 is for the design services associated with the addition of lead remediation in the construction area, engineering services during construction, construction administration services, and inspection services. Arcadis has provided design services for the construction of a new backwash facility. Due to the results of testing for hazardous materials in the area of construction, the addition of lead paint remediation to the design is required for this project. The proposed design includes procedures for safe and proper testing, removal, and disposal of potentially hazardous paint. Furthermore, due to the extensive design engineering services provided by Arcadis, we are recommending the addition of Engineering Services During Construction including submittal/RFI reviews, contract administration, on-site inspections, commissioning and startup. The required DBE participation goal on this contract is 17% and 18% has been achieved to date. However, per the original consultant contract Agreement effective August 5, 2015, this contract DBE% goal will increase from 17% to 35% "through an amendment for construction resident inspection services" per this AES request. This Contract Amendment request brings the cumulative total Contract Amount to \$1,319,972.96.

I would appreciate you forwarding this request to the attention of the appropriate committees of the Board for their consideration and approval.

Cc: M. Ron Spooner, Chief of Engineering
Irma Plummer, EDB Director
Willie Mingo, Purchasing
Tommy Moore, PM



Sewerage & Water Board

Inter-Office Memorandum

Date: March 8, 2018

From: M. Ron Spooner, P.E.
Chief of Engineering

To: Bruce Adams, P.E.
Interim General Superintendent

Re: Arcadis, U.S.
DESIGN CONTRACT AMENDMENT NO. 2

Description of Amendment No. 2

Design services for the addition of lead abatement to the contract documents. Continued engineering assistance for submittal reviews, RFI reviews, Contract Administration, on-site inspection/reporting, inspection and testing of pre-assembled systems, commissioning and startup of the backwash facility, and technical assistance during construction.

Original Contract Award Amount:	\$654,000.00
Previously Approved Amendments:	\$136,654.00
This Design Amendment Amount:	\$529,318.96
Total Dollar Amendments to Date	\$665,972.96
Total Revised Contract Amount	\$1,319,972.96

Contract DBE Participation	35%
Current DBE Participation	18%

The Engineering Department has reviewed this proposal and is recommending it for approval.

I concur.

Bruce Adams, P.E.
Interim General Superintendent

Date:

03/08/2018

cc:

Dexter Joseph, Budget
Jade Brown-Russell, Special Council
Rosita Thomas, Finance
Thomas Moore, Mechanical Engineering
Willie Mingo, Purchasing
Irma Plummer, EDB Director

Sewerage & Water Board of N.O.

8800 S. Claiborne Avenue
Main Water Purification Plant
New Orleans, LA 70118

Phone: 504-864-0438

Additional Engineering Services
Arcadis - AES 2 & 3

TITLE: Engineering and Consulting Services for Main Water Purification Plant Sycamore Filter Gallery During Construction

PROJECT: Contract 1384 - Sycamore Filter Gallery Backwash Pump Replacement

DATE : 1/24/2018

JOB : A1302WWW

CONTRACT NO. : 1384

TO: Attn: Craig Raymond
Arcadis, U.S.
201 St. Charles Ave., Suite 2500
New Orleans, LA 70170
Phone: 504-568-8111

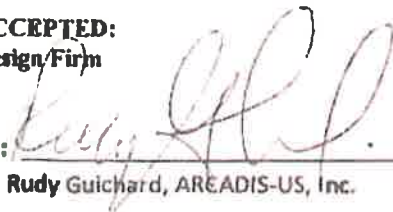
DESCRIPTION OF CHANGE

This AES task is associated with providing (1) Design Services for Lead Abatement in the area of construction and (2) Construction Phase Engineering, Consulting, and Inspection services included in the original scope of work as a future award. See attached backup.

Item	AES Description	Quantity	Measurement	Net Amount
0002	Assist SWBNO with services including Submittal Reviews, RFI Reviews, Contract Admin., on-site Inspection/Reporting, Pre-Assembled Systems Inspection and Testing, Commissioning and Startup, and Technical Assistance during construction.	1	LS	\$518,318.96
0003	Addition of Lead Abatement Specification and Drawings	1	LS	\$11,000.00
Total:				\$529,318.96

The Original Contract sum was	\$654,000.00
Net Change by Previously Authorized AES tasks	\$136,654.00
The Contract Sum Prior to This Change Order was	\$790,654.00
The Contract Sum Will be Increased	\$529,318.96
The New Contract Sum Including This Change Order	\$1,319,972.96

ACCEPTED:
Design/Firm

By: 
Rudy Guichard, AREADIS-US, Inc.

Sewerage & Water Board of N.O.

By: 
Melvin R. Spooner, P.E.

Sewerage & Water Board of N.O.

By: 
Bruce Adams, P.E.

Date:

2/2/18

Date:

3/8/18

Date:

03/08/2018



**AMENDMENT No. 2
SYCAMORE FILTER GALLERY BACKWASH FACILITY
IN SUPPORT OF CONSTRUCTION CONTRACT 1384
ARCADIS, U.S.
AMENDMENT No. 2**

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

ACS #	CN	Detailed Description	Fee	Funding Source
3		Continued engineering assistance including submittal reviews, Request for Information reviews, contract administration, on-site inspection and reporting, pre-assembled systems inspection and testing, technical assistance during construction, commissioning and startup of the filter gallery backwash equipment, and on-site support until project completion scheduled for February 20, 2019.	\$ 518,318.96	SWENO System Funds
3		Addition of Lead Abatement Specifications and Drawings for ALL areas of construction included in the project scope.	\$ 11,900.00	SWENO System Funds

TOTAL	\$	529,318.96
CONTRACT AMOUNT		
Original Contract Amount	\$	654,000.00
Amount of Previous Amendments	\$	136,654.00
Amount of this Amendment	\$	529,318.96
Amendments to date	\$	665,972.96
REVISED CONTRACT AMOUNT	\$	1,315,972.96

CONTRACT DBE %	
* Contract DBE %	35%
Current DBE %	17.00%

*Per the original Consultant Contract Agreement, effective August 5, 2015, Contract DBE% Goal will increase from 17% to 35% "through" [this] amendment for construction resident inspection services. See Attached.

It is mutually agreed to perform and accept the above revisions in accordance with the currently amended contract and the applicable specifications for the above prices.

Proposed By:


Rudy Guichard, ARCADIS-US, Inc.

Approved By:


M. Ron Spooner
Chief of Engineering

2/2/18
Date

3/8/18
Date

SCOPE OF CHANGE No. 1
IN SUPPORT OF CONSTRUCTION CONTRACT 1384
AMENDMENT No. 2
ARCADIS, U.S.

AES #	CN	Description of Work	Reason For Work	FEMA Eligible
2	1384	Construction phase engineering, consulting, and inspection services	Construction Resident Inspection and Engineering Services, as included in original scope of work to be awarded at time of construction. The design engineer will provide services during construction including submittal reviews, inspection services.	N/A
3	1384	Specification writing and drawing creation for abatement of lead in Sycamore Filter Gallery	Environmental studies have found traces of lead paint in the area of construction which must be remedied prior to performing other work in the construction area	N/A



SEWERAGE & WATER BOARD OF NEW ORLEANS
Contract 1384 - Sycamore Filler Gallery Backwash Pump Replacement
Engineering Services During Construction, Construction Management, and Inspection
COST PROPOSAL



REVISED: 16 OCT 2017

Task	Description	Note	PM	Sr Civil	Civil	StEE	EE	St/IC	CAD	Inspector	Admin	Hours	TOTAL	Labor Cost	ODCs	TASK TOTAL
41	Submittal and Information Review															
	Civil		40	40	200	-	-	-	-	-	30	310.00		47,464.12		170,372.03
	Process		48	48	240						35	372.00		59,956.95		47,464.12
	Electrical		24	-	-	40	180	-	-	-	24	268.00		40,468.46		35,518.95
	ISC		15					70			10	55.00		18,595.99		18,595.99
	Lead Abatement		8	24							2	34.00		5,755.31		6,786.31
42	Contract Administration															
	Attend Pre Construction Meeting, agenda & minutes		4	4	4	4		4			18	36.00		5,008.72		45,757.79
	Attend Construction Progress Meetings	1	48		48						-	56.00		19,032.50		19,032.50
	Review Contractor request for Payment	2	48								16	64.00		19,517.95		13,517.95
	Review of CM Submittals		20		20						4	24.00		8,198.62		8,198.62
43	Inspection, Reporting and Verification															
	On-site Inspection (pump facility)	3								1,500		1,500.00		128,103.36	3,756.00	131,859.36
	On site inspection Lead Abatement	3, 4, 6	-		-	-				240		240.00		20,456.54	1,500.00	21,956.54
44	Manufacture Inspections															
	Pre Assembly Inspection	5	24		24							48.00		9,516.25	2,671.00	12,187.25
	Full Capacity Tests	5	24		24							48.00		9,516.25	2,671.00	12,187.25
45	Commissioning and Start Up															
	Commissioning and Start up assistance	6	40	40	40	40						160.00		31,420.70	2,350.00	33,770.70
46	Technical Assistance During Construction															
	Technical Assistance During Construction		20	40	40	16	40	40				156.00		32,857.50		34,417.50
	As-Built Drawings		8		8				40			72.00		9,882.26		9,882.26
	Administrative Reports		20								40	50.00		7,859.21		7,859.21
	Site Visits		40		40		40					120.00		21,350.56		21,350.56
	Testing Coord. & Review		8		8							32.00		5,358.14		5,358.14
	QC of Inspection Reports		20		24							60		10,675.28		10,675.28
	TOTAL LABOR HOURS		460	196	752	108	260	122	40	1,740	178	3,355.00		505,225.96	13,692.00	518,917.96
	Direct Labor Rate		\$ 95.00	\$ 82.54	\$ 45.00	\$ 65.00	\$ 45.00	\$ 55.00	\$ 28.00	\$ 28.00	\$ 22.00					
	OH (17.28%)		\$ 150.69	\$ 110.87	\$ 78.78	\$ 115.23	\$ 79.78	\$ 115.23	\$ 51.41	\$ 49.64	\$ 39.60					
	Profit (10%)		\$ 23.57	\$ 17.34	\$ 12.48	\$ 18.02	\$ 12.48	\$ 18.02	\$ 8.04	\$ 7.76	\$ 6.10					
	Project Billable Rate		\$ 259.26	\$ 190.75	\$ 137.25	\$ 193.25	\$ 137.25	\$ 137.25	\$ 69.45	\$ 65.40	\$ 67.10					
	Subtotal Labor Cost		\$ 119,258	\$ 37,387	\$ 103,215	\$ 21,412	\$ 35,665	\$ 24,787	\$ 3,538	\$ 143,650	\$ 11,324			\$ 505,225.96	\$ 13,692.00	\$ 518,917.96

NOTES

- Two (2) meeting per month - 2 hours per meeting x 12 months = 48 hours
- 12 pay request x 4 hours per request = 48 hours
- Assumes 150 days onsite x 8 hours per day = 1200 hours x 1.25 for OT and other time = 1500 hours. Assumes single shift
Any additional time due to addition of contractor days will require an increase in the inspection budget
\$25 per day x 150 per day misc. expenses = \$3750.00
- 30 days x 8 hours per day = 240 hours
- Assumes 3 days of travel and 1 day onsite. BSA Per Diem is lodging \$117 per night, MAIE \$64 per night = \$181 per day.
Per Diem: \$181 per day x 3 days = \$543 per person; Airfare: \$550 per person; Rental Car: \$225; Misc: \$100 per day
Total per person: \$1223 x 2 = \$2446 + \$225 (rental car) = \$2671 per trip for 2 people.
\$ do not get handicapped ramp replacement
- Assumes week onsite for technical assistance for start up
- DBE Goal - 35%
- Assumes \$25 per day for expenses including PPE (30 days or so) x \$25 per day = \$750

CONTRACT AMENDMENT NO.4 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND HNTB CORPORATION FOR DESIGN AND ENGINEERING SERVICES FOR WATER TANK STORAGE MIXING AND REPAIR PROJECT AND ALGIERS WATER PURIFICATION PLANT IMPROVEMENT PROJECT

WHEREAS, on June 26, 2015 the Sewerage and Water Board of New Orleans (Board) awarded a contract in the amount of \$811,455.00 to HNTB Corporation agreement for design, and engineering services to provide ore flash analysis of Carrollton Water Purification Plant (CWPP), assessment of storage tank mixing at CWPP and Algiers Water Purification Plant (AWPP), and to provide design and engineering services for the replacement of the lauder troughs at AWPP; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board) the adoption of Resolution R-080-2015, HNTB Corporation (HNTB) amended the agreement for design, and engineering services to provide the emergency temporary fluoride chemical feed system at AWPP, and to provide design and engineering services for the replacemeht of EIMCO No. 1 at AWPP. rapid mix structure. permanent fluoride chemical feed system, various SCADA system upgrades. and replacement of lauder troughs on EIMCO Nos. 3 and 4 at AWPP, provide bidding services, construction administration services and resident inspection services; and

WHEREAS, This Contract Amendment in the amount of \$881,464.00 is for additional engineering services for design and bidding services for Water Storage Tank Mixing and Repair project and engineering services re-bid of Algiers Water Purification Plant Improvements Project and additional requested Construction, Administration and Inspection services for the Algiers Water Purification Plant Improvements Project brings to total authorized contract amount for design services to \$2,116,011.00, and

NOW THEREFORE BE IT RESOLVED, that approval of Contract Amendment No. 4 for HNTB Corporation is ratified by the Sewerage and Water Board of New Orleans.

I, Bruce Adams, Interim General Superintendent,
Sewerage and Water Board of New Orleans, do hereby
certify that the above and foregoing is a true
and correct copy of a Resolution adopted at the Regular
Monthly Meeting of said Board, duly called and held,
according to law, on March 28, 2018.

BRUCE ADAMS
INTERIM GENERAL SUPERINTENDENT SEWERAGE
AND WATER BOARD OF NEW ORLEANS



SEWERAGE AND WATER BOARD OF NEW ORLEANS

Inter-Office Memorandum

Date: February 28, 2018

From: Bruce Adams, P.E. *Bruce Adams 03/08/2018*
Interim General Superintendent

To: Marcie Edwards
Executive Director

Re: **Contract Amendment No. 4 – Design and Bidding Services for Water Storage Tank Mixing and Repair and Additional Bidding and Construction Administration Services for Algiers Water Purification Plant Improvements**

Attached please find a letter from the Chief of Engineering, recommending approval of the fourth Contract Amendment for Additional Engineering Services performed by HNTB Corporation.

This request in the amount of \$881,494.00 is for the design of Water Tank Mixing and Repair as well as additional bidding and Construction Administration Services for Algiers Water Purification Plant Improvements. Based on the current Water Storage Tank Mixing Report, the water age is too high and needs to be reduced. This can be accomplished by implementing a passive mixing system into the tanks. Upon results from a video inspection, additional structural repairs need to be made to the various tanks. While the tanks are out of service for the tank mixing improvements, the structural repairs can be completed. The Algiers Water Purification Plant Improvement Project needed to be re-bid. This scope includes re-bidding of the project as well as the additional Construction Administration and Inspection services. These services include the requested full time employee on site as well as bi-monthly meetings. This more strenuous construction management was requested by the Engineering Department and Operations. The required DBE participation goal on this contract is 35% percent and 9% DBE participation has been achieved to date. This Contract Amendment request brings the cumulative total of Contract Amendments to \$1,304,556.

I would appreciate you forwarding this request to the attention of the appropriate committees of the Board for their consideration and approval.

Cc: Dexter Joseph, Budget
M. Ron Spooner, Chief of Engineering
Jason P. Higginbotham, Director of Emergency Management
Alvin Porter, EDB
Rebecca Denny, PM



Sewerage & Water Board

Inter-Office Memorandum

Date: 3/8/2018

From: M. Ron Spooner, P.E.
Chief of Engineering

To: Bruce Adams, P.E.
Interim General Superintendent

Re: HNTB Corporation

Contract Amendment NO. 4

Description of Contract Amendment: This request will authorize HNTB Corporation to provide additional design services outside of the original scope of work. Consultant is to provide design services, permitting, and bid support for the design and bid award of the Storage Tank Mixing and Repair project. The Consultant is to provide re-bidding services for Contract 1389 as Contract 1404. The Consultant is to provide additional Construction Administration and Inspection for Construction of Contract 1404: Algiers Water Purification Plant Improvements.

Original Contract Award Amount:	\$811,455.00
Previously Approved Contract Amendments:	\$423,062.00
Current Contract Amendment:	\$881,488.00
Total Dollar Contract Amount (including this Amendment):	\$2,116,005.00

Contract DBE Participation	35%
Current DBE Participation	9%

The Engineering Department has reviewed this proposal and is recommending it for approval.

I concur:

Bruce Adams, P.E.
Interim General Superintendent

Date:

03/08/2018

cc: Irma Plummer, EDB Director
Dexter Joseph, Budget
Jade Brown-Russell, Special Council
Rebecca Denny, PM

Eric Labat, Chief of Operations
Rosita Thomas, Finance
Jason Higginbotham, EM Director

Sewerage & Water Board of N.O.

8800 S. Claiborne Avenue
Main Water Purification Plant
New Orleans, LA 70118

Phone: 504-865-0143

Additional Engineering Services
HNTB Corporation HNTB - AES 4

TITLE: Engineering and Consulting Services, Re-bidding Services, Bidding Services for Algiers Water Purification Plant

PROJECT: Algiers Water Purification Plant Improvements
Water Storage Tank Mixing and Repair

DATE : 3/1/2018
JOB : A1185XXX
CP # : 156

TO: Attn: Atri Sen
HNTB Corporation
111 Monument Circle, Suite 1200
Indianapolis, IN 46204
Phone: 225-281-4879

DESCRIPTION OF CHANGE

This AES task is associated with providing additional design services outside of the original scope of work. Consultant is to provide design services, permitting, and bid support for the design and bid award of the Storage Tank Mixing and Repair project. The Consultant is to provide re-bidding services for Contract 1389 as Contract 1404. The Consultant is to provide additional Construction Administration and Inspection for Construction of Contract 1404: Algiers Water Purification Plant Improvements.

Item	AES Description	Quantity	Measurement	Net Amount
0001	Scope 2A: Design Services for Water Storage Tank Mixing and Repair	1	NTE	\$363,709.00
0002	Scope 2B: Bidding Services for Water Storage Tank Mixing and Repair	1	NTE	\$78,085.00
0003	Supplemental Scope 1F: Re-bidding Services for Contract 1404; Additional Construction, Administration, and Inspection for Contract 1404	1	NTE	\$439,700.00
Total:				\$881,494.00

The Original Contract sum was	\$811,455.00
Net Change by Previously Authorized AES tasks	\$423,062.00
The Contract Sum Prior to This Change Order was	\$1,234,517.00
The Contract Sum Will be Increased	\$881,494.00
The New Contract Sum Including This Change Order	\$2,116,011.00

ACCEPTED:
Design Firm

Sewerage & Water Board of N.O.

Sewerage & Water Board of N.O.

By: Daniel J. Kellerman

By: Melvin R. Spooner 3/8/18

By: _____

~~John Basille~~, HNTB Corporation

Melvin R. Spooner, P.E.

Bruce Adams, P.E.

DANIEL J. KELLERMAN

SCOPE OF CHANGE No. 1
Agreement with HNTB
HNTB Corporation
CONTRACT AMENDMENT No. 4

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

AES #	CN	Detailed Description	Fee	Funding Source
4		Scope 2A: Design Services for Water Storage Tank Mining and Repair	\$ 363,709.00	CAP
4		Scope 2B: Bidding Services for Water Storage Tank Mining and Repair	\$ 78,085.00	CAP
4		Supplemental Scope 1P: Re-bidding Services for Contract 1404; Additional Construction, Administration, and Inspection for Contract 1404; Algters Water Purification Plant Improvements	\$ 439,704.00	CAP

TOTAL \$ 881,494.00

CONTRACT DBE %	
Contract DBE%	35%
Current DBE%	35%

CONTRACT AMOUNT	
Original Contract Amount	\$811,455
Amount of Previous Contract Amendments	\$423,062
Amount of this Contract Amendment	\$881,494
Contract Amendments to date	\$1,304,556

% OF ORIGINAL CONTRACT AMOUNT	
This Contract Amendment	108.6%
Previous Contract Amendments	52.1%
TOTAL TO DATE	160.8%

REVISED CONTRACT AMOUNT	\$2,116,011
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It is mutually agreed to perform and accept the above revisions for AES # 4 in accordance with the currently amended contract and the applicable specifications for the above price.

Proposed By:

Daniel J. Kellerman
 John Bastica
 DANIEL J. KELLERMAN
 HNTB Corporation

3/1/18
 Date

Recommended By:

Rebecca Denny
 Rebecca Denny
 S&WB Project Manager

3/1/18
 Date

Approved By:

M. Ron Spooner
 M. Ron Spooner
 Chief of Engineering

3/2/18
 Date

SCOPE OF CHANGE No. 1
DPS 17/Station D Emergency Power Generation Facility
CONTRACT AMENDMENT No. 4
HNTB Corporation

AES #	CN	Description of Work	Reason For Work	FEMA Eligible
4	0	Scope 2A: Design Services for Water Storage Tank Mixing and Repair	Based on current Water Storage Tank Mixing Report, the water age is too high and needs to be reduced. This can happen with the installation of an engineering passive tank mixing system. Due to current conditions and video inspections, additional structural repairs need to be engineered and completed while each tank is pulled out of service	
4	0	Scope 2B: Bidding Services for Water Storage Tank Mixing and Repair	Based on current Water Storage Tank Mixing Report, the water life is too high and needs to be reduced. This can happen with the installation of an engineering passive tank mixing system. Due to current conditions and video inspections, additional structural repairs need to be engineered and completed while each tank is pulled out of service	
4	0	Supplemental Scope 1F: Re-bidding Services for Contract 1404; Additional Construction, Administration, and Inspection for Contract 1404; Algiers Water Purification Plant Improvements	Due to all bids coming in over 30% higher than Engineer's Estimate, the project needed to be re-bid based on new information regarding additional scope as well as lead paint abatement. This change in fee includes the rebidding service as well as full time CA & I team members on site and meeting frequency increasing.	

RATIFICATION OF CHANGE ORDER NO. 13 FOR CONTRACT 6247-HAZARD
MITIGATION GRANT PROJECT RETROFIT OF GENERATOR 4 AT THE
CARROLLTON WATER PURIFICATION PLANT/POWER COMPLEX

WHEREAS, the Sewerage and Water Board entered into Contract 6247 in the amount of \$6,695,750. with Industrial and Mechanical Contractors for Hazard Mitigation Grant funded repairs to Generator 4 and,

WHEREAS, Change Order No. 13 represents the following items: (FCO's 38 through 46) Description of Change Orders: FC0-38 Demo and Replace Structural Steel Platform *to* accommodate new switchgear; FC0-040 Generator 4 Post Fault Inspection; FC0-042 Inspection of Generator 4 Termination Chamber; FC0-043 Furnish 2 each DECS-250 Digital Excitation Control Systems, Style CN2CA1N; FC0-044 Add Auto Sync to the two existing Digital Excitation Control Systems DCES 250's; FC0-045 Provide three transformers *at* the request of the Owner; FC0-046 Relocate the staged generator end bells and inspect bearing No3.

WHEREAS, this Change Order, in the amount of \$394,795.24, brings the accumulated Contract change order total to \$4,676,367.61, or 69.8% of the original Contract value, and

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No. 13 for Contract 6247 is ratified by the Sewerage and Water Board of New Orleans.

I, Bruce Adams, Interim General Superintendent,
Sewerage and Water Board of New Orleans, do hereby
certify that the above and foregoing is a true
and correct copy of a Resolution adopted *at* the Regular
Monthly Meeting of said Board, duly called and held,
according *to* law, on March 28, 2018.

BRUCE ADAMS, P.E.
INTERIM GENERAL SUPERINTENDENT SEWERAGE
AND WATER BOARD OF NEW ORLEANS



Sewerage & Water Board

Inter-Office Memorandum

Date: March 5, 2018

From: Bruce Adams, P.E.
Interim General Superintendent

To: Marcie Edwards
Interim Management Team

Re: Contract Number 6247 – Hazard Mitigation Grant Project Retrofit of Generator 4.
Industrial & Mechanical Contractors Inc.

Enclosed please find a recommendation from the Chief of Engineering for approval of Change Order No. 13 for the above contract.

This change order represents the following items:

- FCO-38, Structural Steel Platform: cost associated with furnishing labor and materials to demolish the existing high lift building switch gear structural steel platform and installing a new structural steel platform as per drawings provided by the Engineer
- FCO-39, MCC Replacement: This change order represents the cost associated to the Contractor furnishing a motor control center (Freedom MCC 2100) to the Owner.
- FCO-40, Post Fault Inspection: This change order represents the cost associated with providing a post fault inspection per submittal SUL-00011. The costs associated with this change order are based on the inspection recommendations from WS Nelson (SWB G4 Inspection) and the EME generator inspection report to Veolia (document RPT00- issued 11/10/17).
- FCO-41, End Bell Cover and Stator Frame Inspection: This change order represents the cost associated with replacing generator exciter end cover and inspection of the generator #4 stator frame. During recent inspections, cracks in the end bells were discovered.
- FCO-42, Inspection of Termination Chamber: This change order represents the cost associated with the Engineer's recommendation that the S&WB contract a NETA certified switchgear/buss bar manufacturer or testing company to perform —a full inspection of the termination chamber buss-system.
- FCO-43, DECS 250: This change order represents the cost associated with the Contractor furnishing 2 each DECS-250, Digital Excitation Control System, Style: CN2CA1N.
- FCO-44, Auto Sync DECS 250: The Contractor was asked by the Owner to add Auto Sync to the two existing Digital Excitation Control Systems DECS 250's.

- FCO-45, Three Transformers: The Contractor was asked to provide 3 transformers: 1 each 450kva, 1 each 300kva and 1 each 45kva.
- FCO-46, Bearing Three Inspection: At the request of the Owner, the Contractor was asked to relocate the staged generator end bells and inspect bearing #3.

The required DBE participation on this Contract is 0%. This Change Order is in the amount of \$394,795.24 represents 5.9% of the original bid amount, and brings the cumulative total Change Orders to \$4,676,367.61 which is 69.8% of the original bid amount. This Change Order may be eligible for FEMA reimbursement, final determination to be made by Sewerage and Water Board staff.

I would appreciate you forwarding this to the attention of the appropriate committees of the Board for consideration and approval.



Bruce Adams, P.E.
Interim General Superintendent

cc:	M. Ron Spooner	Ralph Morlas, III	Alvin Porter
	Jason Higginbotham	Robert Hayden, CH2M	Willie Mingo
	Rosita Thomas	S&WB Legal Department	

Sewerage & Water Board of New Orleans: Change Order Approval Form

2018

Contract #6247

Change Order #13

Date: 2/21/18

Project Name: Hazard Mitigation Grant Project - Retrofit Generator 4 Job/Project # 6247

Reason for Change Order: Nine work items, FCO-38, FCO-39, FCO-40, FCO-41, FCO-42, FCO-43, FCO-44, FCO-45 and FCO-46.

Change Order Amount: \$394,795.24 Contract Amount Prior To Change Order: \$10,977,322.37

Original Contract Amount: \$6,695,750.00 Total Spent to Date:

PW#: GRANT DR-1603-LA Vendor: INDUSTRIAL MECHANICAL CONTRACTORS

C. P. Item # 676 / 100 % C. P. Item # / % C. P. Item # / %

Source of funding for Change Order:

System Funds: \$ 394,795.24 Bonds: \$ FEMA: \$ Anticipated FEMA: \$

Total Funding: \$ 394,795.24

FUND Code CAP ORGN Code ACTIVITY Code OBJECT Code 3296

Total Project Investment to Date: (Place total amount of contracts on projects)

Survey Phase	N/A
Design Phase	N/A
Testing Phase	N/A
Value of A/E Contract for this work to date	\$1,173,031.21
Construction Contract Value to date	\$10,977,322.37
Value of Project Management to date	\$27,916.00
Value of other Professional Services to date	N/A
Total Investment to date	\$12,178,269.51

RECORDATION

- Is this change order more than 10% of the original contract and more than \$100,000? ☐ Yes ☐ No
- Does this change order put the total % of change orders above 20% of the original contract and is it more than \$100,000? ☐ Yes ☐ No
- If the answer is yes to either one of these questions recordation is required by state law within 30 days. If the original contract and/or previous change orders have not yet been recorded they must be recorded at this time.

VENDOR SELECTION AND DBE INFORMATION

- Type of Procurement Used: [Should always be RFP for amendments.]
- Local Vendor: ☐ Yes ☐ No
- DBE: ☐ Yes ☐ No. If Yes, %

ACTION CRITICAL

Objective consideration of alternatives: Describe other actions considered. If none, explain why

- I recommend approval for the above project (If not recommending for approval, please indicate a reason below, and return this to the previous signatory)

Rafael M. M. #

Date: 2-22-18

2018

- Date: 7-27-18

- Date: 2/2/10

- Date: 03/08/2018

- Date: _____

- Date: _____

- Date: _____

SCOPE OF CHANGES
Contract 6247 HMGP
(Change Order No. 13)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
1	38	Structural Steel Platform	LS	51,798.02	1	\$51,798.02	0	INELIGIBLE
2	39	MCC Replacement	LS	57,629.33	1	\$57,629.33	0	INELIGIBLE
3	40	Post Fault Inspection	LS	14,727.75	1	\$14,727.75	0	INELIGIBLE
4	41	End Bell Cover and Stator Frame Inspection	LS	40,454.76	1	\$40,454.76	0	INELIGIBLE
5	42	Inspection of Termination Chamber	LS	14,415.16	1	\$14,415.16	0	INELIGIBLE
6	43	DECS 250	LS	20,204.16	1	\$20,204.16	0	INELIGIBLE
7	44	Auto Sync DECS 250	LS	2,511.03	1	\$2,511.03	0	INELIGIBLE
8	45	Three Transformers	LS	175,301.90	1	\$175,301.90	0	INELIGIBLE
9	46	Bearing Three Inspection	LS	17,753.13	1	\$17,753.13	0	INELIGIBLE
						\$394,795.24	0	

Contract DBE %	0.0%
Current DBE %	0.0%
Forecast	0.0%

Original	\$6,695,750.00
Amount of previous Change Orders	\$4,281,572.37
Amount this Change Order	\$394,795.24
Change Orders to date	\$4,676,367.61

Original Contract Days	365
Days Previously Added	1420
Days this Change Order	0
Days Added to date	1420

REVISED CONTRACT DAYS 1785

REVISED CONTRACT AMOUNT \$11,372,117.61

% OF ORIGINAL CONTRACT AMOUNT

This Change Order	5.9%
Previous Change Order	63.9%
TOTAL TO DATE	69.8%

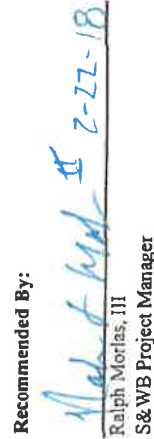
Work Order Date 6/20/2013
Work Completion Milestone Date 5/10/2018

It is mutually agreed to perform and accept the above mentioned work in accordance with the original contract and applicable specifications for the above project. This Change Order includes all Old and New items contained in the contract. Its additional items shall be included after completion of this Change Order. This Change Order includes a full and complete agreement of the material and labor to be used in the work. The Contractor shall be responsible for obtaining all necessary permits and licenses for the work. The Contractor shall be responsible for obtaining all necessary permits and licenses for the work. The Contractor shall be responsible for obtaining all necessary permits and licenses for the work.

Proposed By:


Industrial and Mechanical Contractors
Contractor

Recommended By:


Ralph Morias, III
S&WB Project Manager

Approved By:


M. Ron Spooner
Chief of Engineering

Date

ACCEPTANCE OF THE REPORT ON OPERATIONS FOR 2016

WHEREAS, Black & Veatch was authorized by this first renewal and Amendment No. 2 to prepare the Report on Operations for 2016; and

WHEREAS, the completed report covering adherence to Bond resolutions, financing of future projects and operations has been completed and delivered to the Board; and

WHEREAS, a review by staff indicates that the report is satisfactory in all respects.

NOW THEREFORE BE IT RESOLVED, that the 2016 Report on Operations is accepted as complete.

I, Bruce Adams, Interim General Superintendent
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of the resolution
adopted at a Regular Monthly Meeting of
said Board, duly called and held, according
to law on March 28, 2018.

BRUCE ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**AUTHORIZATION FOR THE SECOND RENEWAL TO AN AGREEMENT WITH
BLACK & VEATCH MANAGEMENT CONSULTING, LLC FOR PREPARATION OF
THE REPORT ON OPERATIONS FOR 2017**

WHEREAS, Black & Veatch Management Consulting, LLC has satisfactorily completed preparation of the Report on Operations for 2016; and

WHEREAS, the contract entered into with Black & Veatch Management Consulting, LLC for the Report on Operations for 2015 allowed for renewal of additional contracts for up to four (4) years; and

WHEREAS, this is the second of four one-year renewal options to the agreement to prepare the Report on Operations for 2017; and

WHEREAS, Black & Veatch Management Consulting, LLC has submitted a request to exercise the second option to prepare the Report on Operations for 2017 and with a proposed maximum fee of \$116,000; and

WHEREAS, Black & Veatch Management Consulting, LLC plans to utilize the services of Bruno & Tervalon, an Economically Disadvantaged Business, to assist in the proposed study at a minimum of approximately 24% of the work effort equal to \$28,000 of project billings; and

WHEREAS, Black & Veatch Management Consulting, LLC also plans to utilize the services of Julien Engineering & Consulting Services, an Economically Disadvantaged Business, to assist in the proposed study at a minimum of approximately 23% of the work effort equal to \$26,950 of project billings;

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water Board of New Orleans that the President or President Pro Tem is hereby authorized to enter into an agreement with Black & Veatch Management Consulting, LLC for Preparation of the Report on Operations for 2017.

I, Bruce Adams, Interim General Superintendent
Sewerage and Water Board of New Orleans, do hereby certify that the
above and foregoing is a true and correct copy of the resolution adopted
at a Regularly Monthly Meeting of said Board, duly called and held,
according to law on March 28, 2018.

Bruce Adams
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS