



"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21<sup>ST</sup> CENTURY"

# **Sewerage & Water Board OF NEW ORLEANS**

LATOYA CANTRELL, PRESIDENT

625 ST. JOSEPH STREET  
NEW ORLEANS, LA 70165 • 504-529-2837 OR 52W-ATER  
[www.swbno.org](http://www.swbno.org)

August 8, 2018

The Finance and Administration Committee met on Wednesday August 8, 2018 in the S&WB's Second Floor Board Room located at 625 St. Joseph Street, New Orleans, LA. The meeting convened at approximately 10:00 A.M.

## **Present:**

Director Lynes Sloss  
Director Dr. Tamika Duplessis  
Director Ralph Johnson

## **Absent:**

Director Stacy Horn Koch  
Director Eileen Gleason

## **Other Board Members Present:**

Director Lewis Stirling III  
Director Joseph Peychaud

## **ACTION ITEMS:**

### **Item 1**

### **General Superintendent's Recommendations**

## **Bids:**

- **R-120-2018 – Contract 30219 – Restoration of Existing Flow Sanitary Sewers by Excavation and Replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole, CIPP Lining of Service Laterals and Point Repair at Various Sites Throughout The City of New Orleans**

Director Dr. Tamika Duplessis moved to accept the General Superintendent's Recommendations in global. Director Ralph Johnson seconded. The motion carried.

- **Resolution (R-112-2018) Ratification of Change Order No. 1 for Contract 140033 – Leak Detection Services**

Interim General Superintendent Bruce Adams stated this resolution was supposed to be deferred until the September Board meeting, but it's going to be combined with a final acceptance. Therefore, he asked that this resolution be deferred until September.

Director Lynes Sloss moved to defer R-112-2018 for Contract #140033 until the September Board meeting. Director Dr. Duplessis seconded. The motion carried.

- **Resolution ( R-102-2018) Ratification Of Change Order #3, And Final Acceptance And Closeout For Contract No. 30015, Restoration Of Existing Gravity Sewer Point Repair And CIPP Lining Of Sewer Mains At Various Sites Throughout Orleans Parish**

Although R-102-2018 was included in the packet, it was left off of the agenda. Dr. Duplessis stated that the recommendation was made that contract change orders and final acceptances be moved to the Audit Committee. So, that may be the reason it was left off of the agenda. However, Acting Executive Director Brown-Russell felt that it was a clerical error when putting the packet together. Acting Special Counsel Yolanda Grinstead stated that if the item is not on the Finance and Administration Committee agenda, there is no motion needed to place it on the Audit Committee agenda. We'd have to wait until the Audit Committee convenes to have it added.

- **Resolution (R-113-2018) Contract Amendment No. 3 to the Agreement Between the Sewerage and Water Board of New Orleans and BCG Engineering Consulting Inc. to provide Assessments, Design, Construction and Program Management Services for SELA and Drainage System**

This resolution was approved by the Finance and Administration Committee and the Board last month. This resolution clarifies the organization of the funding in the contract. Acting Executive Director Jade Brown –Russell stated that the resolution that was presented last month did not include the historical background on the prior work that was done. The staff went back and made the correction into the approval. This resolution clarifies the prior decisions associated with this contract. It doesn't add any additional money or days.

Director Ralph Johnson moved for acceptance of R-113-2018 for Contract Amendment No. 3. Director Dr. Duplessis seconded. The motion carried.

- **Resolution (R-114-2018) Ratification of Change Order No. 3 for Contract 1368 – Hazard Mitigation Grant Project Oak Street Pumping Station**

Acting Executive Director Jade Brown-Russell clarified that we will be moving all change order requests to the Audit Committee.

Director Dr. Duplessis moved to defer R-114-2018 to the Audit Committee. Director Ralph Johnson seconded. The motion carried.

## PRESENTATION ITEMS

### ➤ Financial Results through June 2018

Ms. Yvette Downs gave the report on revenues and expenses, all system funds. The revenues are 15.7% less than budgeted for the total system or \$18.7 million less than budgeted. The expenses are 19.9% less than budgeted or \$16.2 million less than budgeted. The total operating revenues of \$100.8 million versus operating expenditures of \$123.4 million leave a deficit of \$22.6 million, but there were non-operating revenues of \$52.6 million. We're in good standing. The number of days-in-cash for the total system has decreased through that period. It was 92 days at the end of June, and the covenant goal is 90 days. Our covenant is based on year end, but we're monitoring month-to-month to see where we are on a daily basis.

Director Sloss stated that earlier this year, we reduced the budget by \$15 million when Ms. Marcie Edwards was the Interim Executive Director. He wanted to know if the reduced budget was reflected in the budget. Ms. Yvette Downs stated that the reduced budget is reflected in the current budget and that we're doing additional things to try and keep the cost low. She explained that given where we are right now, that is one of the reasons we're under budget.

The report states that the statement of net assets and cash flows will be completed after the audit. Director Ralph Johnson wanted to know the status of the audit and where we are cash-flow wise and our liabilities. Ms. Yvette Downs stated that a report on the audit would be given in the Audit Committee meeting. They will continue to work towards making the audit by the end of September and are meeting with the external auditors weekly. The major outstanding item is the revenue estimation of accounts receivables. We've brought in some external help to assist us with that and they are making great progress. There is an action item on the agenda for the Audit Committee to make sure we continue that because we need to bring that to a close in the next 2-3 weeks.

Director Dr. Duplessis informed the Committee that as we begin to make sure that we keep an air of transparency and we start to talk about automation of processes and procedures of things that we're doing here at the Board, one of the things that came up was the idea of having a dashboard -- having some of these relevant financial topics available to the Board on a continual basis. She wanted to make sure the Committee knows that and moving forward, that this is their desire to be able to see these documents and numbers in real time as they are being updated.

Yvette Downs stated that she would like to have an opportunity to look at this report in general for the next few months to make sure that they're giving information that is actually helpful. She has been working very closely with the technology department on transparency and electronics to take a look at what we have in general and how we can better automate that to provide more efficiency, better insight into information and data, and improve our accounts payable. Ms. Downs stated that there are a lot of things that we need to do that are not necessarily short-term options, but something that we definitely want to work on and have a plan and work that plan.

Acting Executive Director Jade Brown-Russell stated that staff can work with the Board to determine what metrics they want to see that are most important and critical from a governance standpoint. The leadership team has discussed that many things we need to do have long-term fixes, but there are some short-term solutions that we need to put in place on a more expedited basis.

Director Sloss mentioned that there was a Finance and Administration Charter among the presentation items. Ms. Downs stated that the charter is a draft for the Committee to think about and hopefully take action in another month or so. The Board has by-laws that it is governed by. This draft basically provides a review of what the Finance and Administration Committee is and how it is constituted. Some of that is reflected in this charter. Ms. Downs stated that it gives a little more meat to some of the things they think this committee is looking to do – your purpose, your roles and responsibilities. It covers policies related to cash flow, cash management, investments, budget process, debt, fiscal planning, financial policies, rates revenues, other financial transactions and issues that this committee might want to review and take recommendations to the by-laws of the charter and operating principles.

Ms. Downs asked the Committee to take a look at some of the areas that they've identified for review and assess and make sure that these are the primary areas that they believe that they'll be focused on and not duplicate anywhere else. They welcome any feedback.

Acting Executive Director Jade Brown-Russell provided an overview of the Billing Process. The Billing Department has worked very hard with our communication team to make sure that the proper messaging is being pushed out to the community. On August 1, 2018 we reinstituted our normal collections process and there was a large influx of customers coming to the St. Joseph Street building, the Westbank building and other outlets where they could pay their bills. They were focusing on delinquent accounts, residential and commercial. Ms. Brown-Russell explained the process for disputing accounts that is also posted on the Sewerage and Water Board website. They have also made sure that individuals, as well as commercial accounts, have the opportunity to make payment arrangements. Payment arrangements require 25% down and the outstanding amount is spread over the course of nine months. Ms. Downs stated that customers are being encouraged to pay the minimum fee amounts even if the account is in dispute. Individuals are required to pay the current amount as well as the payment plan amount so that they won't get further behind.

Ms. Brown-Russell added that, in terms of shut-offs, we are prioritizing the highest balances. We want to make sure we aren't targeting any individual who may be experiencing a hardship or has not noticed, for some reason, that they're delinquent. Shut-offs are an absolute last resort. We don't want anyone to panic. We are here to support our rate payers and customers.

Ms. Sharon Judkins, deputy Director of Administration, gave a brief overview of the HR Activity Report. She emphasized that we are still seeing the results of our Hiring Day. In July, we brought on board 61 people. We had 20 people in orientation in the first two weeks of August who have begun working. We're slated to have about the same number in the coming week. Orientation has been expanded to two days a week to accommodate all the people. For the month of July, we have a net gain of 40 because we lost people through retirement and resignations. Ms. Judkins stated that we will be having more hiring days and we're doing more outreach. We have participated in job fairs for various events to let people know what we have available and how they can become a part of this organization.

The leadership team had discussed having a Hiring Day that focuses just on the technical positions that are hard to fill. There are, however, two major conferences that are forthcoming. One conference is Environmental, in which positions are difficult to staff. The other one is the WEF Conference in October. We'll be participating in both.

**ANY OTHER MATTERS**

NONE

**INFORMATION ITEMS:**

Information items were received.

**ADJOURNMENT:**

There being no further business to come before the Finance & Administration Committee, the meeting ended at approximately 11:22 A.M. .

Respectfully submitted,

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Lynes Sloss, Chair

GENERAL SUPERINTENDENT RECOMMENDATIONS  
FOR THE OCTOBER 17, 2018 MEETING

A. FINAL ACCEPTANCE CONTRACTS. A brief summary is attached for your review.

- Item 1 - R-129-2018 - EMERGENCY CONTRACT EE 17-0005 -  
EXPEDITED WORK ON DRAINAGE PUMP  
STATION 6, MOTOR C/D/F AND CD'S 1 AND  
2; AND DRAINAGE PUMP STATION 7,  
MOTOR C
- R-142-2018 - EMERGENCY CONTRACT ME 17-0008 -  
EMERGENCY PUMP/SPARE PARTS FOR OLD  
CARROLLTON
- R-130-2018 - EMERGENCY CONTRACT ME 17-0009 -  
DRAINAGE PUMP STATION 20 (AMID) PUMP 1
- R-131-2018 - EMERGENCY CONTRACT ME 17-0010 -  
DRAINAGE PUMP STATION 6, I PUMP
- R-132-2018 - EMERGENCY CONTRACT ME 17-0011 -  
DRAINAGE PUMP STATION 1, PUMP 2 AND  
CONSTANT DUTY 1; DRAINAGE PUMP STATION  
11, PUMPS D&E
- R-133-2018 - EMERGENCY CONTRACT ME 17-0012 -  
DRAINAGE PUMP STATION 6, CONSTANT DUTY  
1 AND DRAINAGE PUMP STATION 5,  
CONSTANT DUTY 2L/2R
- R-134-2018 - EMERGENCY CONTRACT ME 17-0013 -  
DRAINAGE PUMP STATION 11, PUMP B
- R-135-2018 - EMERGENCY CONTRACT ME 17-0014 -  
EMERGENCY PUMP FOR OLD CARROLLTON  
UNDERPASS-NEW PUMP AND MOTOR  
ASSEMBLIES
- R-136-2018 - EMERGENCY CONTRACT ME 17-0015 -  
GRANT DRAINAGE PUMP STATION, PUMPS 2  
AND 4
- R-137-2018 - EMERGENCY CONTRACT ME 17-0016 -  
EMERGENCY DIVING INSPECTION SERVICES

- R-138-2018 - EMERGENCY CONTRACT ME 17-0017 -  
EMERGENCY PUMP RENTALS AT DRAINAGE  
PUMP STATIONS 5 AND 7
- R-139-2018 - EMERGENCY CONTRACT ME 17-0018 -  
EMERGENCY PUMP RENTAL INSTALLATION
- R-140-2018 - EMERGENCY CONTRACT ME 17-0019 -  
EMERGENCY CRANE RENTAL FOR PUMP  
REPAIRS
- R-143-2018 - EMERGENCY CONTRACT MS 17-0140 -  
EMERGENCY REPAIR TO GEARBOX AT  
DRAINAGE PUMP STATION 15, PUMP 2
- R-117-2018 - CONTRACT 1352 - HURRICANE KATRINA  
RELATED PUMP REPLACEMENT PACKAGE AT  
THE CARROLLTON WATER PURIFICATION  
POWER COMPLEX
- R-126-2018 - CONTACT 30006 - RESTORATION OF  
EXISTING GRAVITY SEWER MAINS DAMAGED  
BY HURRICANE KATRINA EXCAVATION AND  
REPLACEMENT FROM MANHOLE TO MANHOLE,  
CIPP LINING FROM MANHOLE TO MANHOLE  
AND POINT REPAIRS AT VARIOUS SITES  
THROUGHOUT ORLEANS PARISH

**GENERAL SUPERINTENDENT RECOMMENDATIONS  
REPORT OF FINAL ACCEPTANCE CONTRACTS TO BE  
CONSIDERED BY THE FINANCE AND ADMINISTRATION COMMITTEE  
AND THE BOARD'S MEETING OF OCTOBER 17, 2018**

A brief summary of Final Acceptance Contracts are as follows:

1.

**REPORT OF FINAL ACCEPTANCE**

**PROPOSAL:**

The following contracts are considered for final acceptance.

**EVALUATION:**

**Emergency Contract EE 17-0005 - Bollinger - Expedited Work on Drainage Pump Station 6, Motor C/D/F and CD'S 1 and 2; and Drainage Pump Station 7, Motor C. Total Contract Bid \$160,995.00. Total Contract Expenditure \$200,683.00. Date Notice To Proceed Issued August 25, 2017. Date Work Accepted November 18, 2017.**

**Emergency Contract ME 17-0008 - Delta Process Equipment - Emergency Pump/Spare Parts for Old Carrollton. Total Contract Bid \$28,563.00. Total Contract Expenditure \$28,563.00. Date Work Order Issued August 30, 2017. Date Work Accepted November 22, 2017.**

**Emergency Contract ME 17-0009 - M.R. Pittman Group, LLC - Drainage Pump Station 20 (AMID) Pump 1. Total Contract Bid \$1,124,000.00. Total Contract Expenditure \$1,309,694.72. Date Notice To Proceed Issued August 26, 2017. Date Work Accepted September 9, 2017.**

**Emergency Contract ME 17-0010 - Alfred Conhagen, Inc. - Drainage Pump Station 6, I Pump. Total Contract Bid \$1,690,216.00. Total Contract Expenditure \$1,782,647.94. Date Work Order Issued August 26, 2017. Date Work Accepted September 15, 2017.**



**GENERAL SUPERINTENDENT RECOMMENDATIONS (CONT'D)**

October 17, 2018

Page 2

**Emergency Contract ME 17-0011 - Alfred Conhagen, Inc. - Drainage Pump Station 1, Pump 2 and Constant Duty 1; Drainage Pump Station 11, Pumps D&E. Total Contract Bid \$659,900.00. Total Contract Expenditure \$757,548.20. Date Notice To Proceed Issued August 24, 2017.**

**Emergency Contract ME 17-0012 - Bollinger - Drainage pump Station 6, constant Duty 1 and Drainage Pump Station 5, Constant duty 2L/2R. Total Contract Bid \$586,176.00. Total Contract Expenditure \$1,127,532.40. Date Notice To Proceed Issued August 24, 2017. Date Work Accepted February 9, 2018.**

**Emergency Contract ME 17-0013 - Bollinger - Drainage Pump Station 11, Pump B. Total Contract Bid \$121,420.00. Total Contract Expenditure \$240,929.60. Date Work Order Issued August 26, 2017. Date Work Accepted October 25, 2017.**

**Emergency Contract ME 17-0014 - Advanced Industrial Products - Emergency Pump for Old Carrollton Underpass-New Pump and Motor Assemblies. Total Contract Bid \$43,578.00. Total Contract Expenditure \$44,348.00. Date Notice To Proceed Issued August 30, 2017. Date Work Accepted October 2, 2018.**

**Emergency Contract ME 17-0015 - Industrial and Mechanical Contractors - Grant Drainage Pump Station, Pumps 2 and 4. Total Contract Bid \$103,880.00. Total Contract Expenditure \$117,636.40. Date Work Order Issued August 30, 2017. Date Work Accepted February 23, 2018.**

**Emergency Contract ME 17-0016 - Specialty Diving - Emergency Diving Inspection Services. Total Contract Bid \$300,000.00. Total Contract Expenditure \$302,368.61. Date Work Order Issued August 30, 2017. Date Work Accepted February 8, 2018.**

**Emergency Contract ME 17-0017 - MWI Corporation - Emergency Pump Rentals at Drainage Pump Stations 5 and 7. Total Contract Bid \$177,780.00. Total Contract Expenditure \$377,088.00. Date Work Order Issued August 25, 2017. Date Work Accepted February 12, 2018.**

**GENERAL SUPERINTENDENT RECOMMENDATIONS (CONT'D)**

October 17, 2018

Page 3

**Emergency Contract ME 17-0018 - MWI Corporation - Emergency Pump Rental Installation.** Total Contract Bid \$20,000.00. Total Contract Expenditure \$143,427.63. Date Work Order Issued August 25, 2017. Date Work Accepted February 12, 2018.

**Emergency Contract ME 17-0019 - ALL-Crane - Emergency Crane Rental for Pump Repairs.** Total Contract Bid \$20,000.00. Total Contract Expenditure \$52,972.25. Date Work Order Issued August 30, 2017. Date Work Accepted February 12, 2018.

**Emergency Contract MS 17-0140 - Philadelphia Gear - Emergency Repair to Gearbox at Drainage Pump Station 15, Pump 2.** Total Contract Bid \$411,026.00. Total Contract Expenditure \$411,026.00. Date Work Order Issued August 30, 2017. Date Work Accepted November 13, 2017.

**Contract 1352 - Industrial & Mechanical Contractors - Hurricane Katrina Related Pump Replacement Package at the Carrollton Water Purification Power Complex.** Total Contract Bid \$2,721,890.00. Total Contract Expenditure \$4,385,752.54. Date Work Order Issued September 17, 2012. Date Work Accepted December 11, 2015. The DBE Participation Goal is 26%. The DBE Participation Achieved is 26%.

**Contract 30006 - Bro Brothers Construction Co., LLC - Total Contract Bid \$4,759,309.00.** Total Contract Expenditure \$5,784,916.94. Date Work Order Issued April 16, 2014. Date Work Accepted April 15, 2018. The DBE Participation Goal is 36%. The DBE Participation Achieved is 38.6%.

**RECOMMENDATION:**

The above emergency contracts are recommended for final acceptance.

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT EE 17-0005 –  
EXPEDITED WORK ON DRAINAGE PUMP STATION 6, MOTOR C/D/F AND  
CD'S 1 AND 2; AND DRAINAGE PUMP STATION 7, MOTOR C**

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**WHEREAS**, Contract EE 17-0005 was awarded under emergency procurement with Resolution R-074-2017 on September 21, 2017, and

**WHEREAS**, Contract EE 17-0005 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Bollinger Shipyards, LLC for Contract EE 17-0005, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN,  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0008 –  
EMERGENCY PUMP/SPARE PARTS FOR OLD CARROLLTON**

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**WHEREAS**, Contract ME 17-0008 was awarded under emergency procurement with Resolution R-080-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0008 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Delta Process for Contract ME 17-0008, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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**GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0009 –  
DRAINAGE PUMP STATION 20 (AMID) PUMP 1**

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**WHEREAS**, Contract ME 17-0009 was awarded under emergency procurement with Resolution R-081-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0009 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by M.R. Pittman Group for Contract ME 17 0009, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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**GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0010 –  
DRAINAGE PUMP STATION 6, I PUMP**

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**WHEREAS**, Contract ME 17-0010 was awarded under emergency procurement with Resolution R-082-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0010 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Alfred Conhagen, Inc. for Contract ME 17 0010, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0011 –  
DRAINAGE PUMP STATION 1, PUMP 2 AND CONSTANT DUTY 1; DRAINAGE  
PUMP STATION 11, PUMPS D&E**

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**WHEREAS**, Contract ME 17-0011 was awarded under emergency procurement with Resolution R-083-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0011 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Alfred Conhagen for Contract ME 17-0011, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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**GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0012 –  
DRAINAGE PUMP STATION 6, CONSTANT DUTY 1 AND DRAINAGE PUMP  
STATION 5, CONSTANT DUTY 2L/2R**

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**WHEREAS**, Contract ME 17-0012 was awarded under emergency procurement with Resolution R-084-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0012 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Bollinger for Contract ME 17-0012, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0013–  
DRAINAGE PUMP STATION 11, PUMP B**

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**WHEREAS**, Contract ME 17-0013 was awarded under emergency procurement with Resolution R-085-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0013 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract Bollinger Shipyards, LLC for Contract ME 17-0013, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0014 –  
EMERGENCY PUMP FOR OLD CARROLLTON UNDERPASS-NEW PUMP AND  
MOTOR ASSEMBLIES**

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**WHEREAS**, Contract ME 17-0014 was awarded under emergency procurement with Resolution R-086-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0014 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Advanced Industrial Products for Contract ME 17-0014, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0015 – GRANT  
DRAINAGE PUMP STATION, PUMPS 2 AND 4**

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**WHEREAS**, Contract ME 17-0015 was awarded under emergency procurement with Resolution R-087-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0015 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Industrial Mechanical Contractors for Contract ME 17-0015, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0016 –  
EMERGENCY DIVING INSPECTION SERVICES**

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**WHEREAS**, Contract ME 17-0016 was awarded under emergency procurement with Resolution R-088-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0016 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Specialty Diving for Contract ME 17-0016, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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**GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0017 –  
EMERGENCY PUMP RENTALS AT DRAINAGE PUMP STATIONS 5 AND 7**

---

**WHEREAS**, Contract ME 17-0017 was awarded under emergency procurement with Resolution R-089-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0017 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by MWI Corporation for Contract ME 17- 0017, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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**GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0018 –  
EMERGENCY PUMP RENTAL INSTALLATION**

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**WHEREAS**, Contract ME 17-0018 was awarded under emergency procurement with Resolution R-090-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0018 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by MWI Corporation for Contract ME 17-0018, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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**GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT ME 17-0019 –  
EMERGENCY CRANE RENTAL FOR PUMP REPAIRS**

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**WHEREAS**, Contract ME 17-0019 was awarded under emergency procurement with Resolution R-091-2017 on September 21, 2017, and

**WHEREAS**, Contract ME 17-0019 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract ALL-Crane for Contract ME 17-0019, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT MS 17-0140 –  
EMERGENCY REPAIR TO GEARBOX AT DRAINAGE PUMP STATION 15,  
PUMP 2**

---

**WHEREAS**, Contract MS 17-0140 was awarded under emergency procurement with Resolution R-093-2017 on September 21, 2017, and

**WHEREAS**, Contract MS 17-0140 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans, and

**WHEREAS**, the General Superintendent in his report has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Philadelphia Gear for Contract MS 17-0140, is hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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**GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

Contract 1352 - HURRICANE KATRINA RELATE  
REPAIRS PUMP REPLACEMENT PACKAGE AT THE MAIN  
WATER PURIFICATION PLANT - POWER COMPLEX -  
Industrial Mechanical Contractors, Inc.



**RATIFICATION OF CHANGE ORDER NO. 12 AND FINAL ACCEPTANCE  
FOR CONTRACT 1352 - HURRICANE RELATED REPLACEMENT OF THE  
PUMP PACKAGE AT THE CARROLLTON WATER PURIFICATION PLANT  
– POWER COMPLEX**

**WHEREAS**, the Sewerage and Water Board entered into Contract 1352 with Industrial & Mechanical Contractors, Inc. in the amount of \$2,721,890.00 for the FEMA funded Replacement of the Pump Package at the Carrollton Water Purification Plan – Power Complex and

**WHEREAS**, following negotiations between the Sewerage and Water Board of New Orleans and Industrial Mechanical Contractors, an agreement was reached in the amount of \$52,615.45 for extended overhead for additional days that were added to this Contract and for credits for work not performed, and

**WHEREAS**, this Change Order, in the amount of \$52,615.45, brings the accumulated Contract change order total to \$1,663,862.54 or 61.1% of the original Contract value, and

**WHEREAS**, Contract 1352 is ready for Final Acceptance and Closeout by the Sewerage and Water of New Orleans,

**NOW THEREFORE BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that Change Order No. 12 and Recognition of Final Acceptance are hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS

RATIFICATION OF CHANGE ORDER #2, AND FINAL ACCEPTANCE AND CLOSEOUT FOR CONTRACT NO. 30006, RESTORATION OF EXISTING SEWER MAINS DAMAGED BY HURRICANE KATRINA EXCAVATION AND REPLACEMENT FROM MANHOLE TO MANHOLE, CIPP LINING FROM MANHOLE TO MANHOLE AND POINT REPAIRS AT VARIOUS SITES THROUGHOUT ORLEANS PARISH

WHEREAS, the Sewerage and Water Board entered into ESSA Contract No. 30006 with Boh Bros., and

WHEREAS, the items added by Change Order No. 3 were needed to complete Consent Decree work within this Contract, in accordance with the Remedial Measures Action Plan (RMAP) and as reported to the EPA, and

WHEREAS, the work performed increased the value of the contract by \$323,089.93 and extended the duration by 820 days, and

WHEREAS, Contract 30006 is ready for Final Acceptance and Closeout by the Sewerage & Water Board of New Orleans,

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans that Change Order No. 2 and Recognition of Final Acceptance are hereby approved.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

---

GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**RATIFICATION OF CHANGE ORDER NO. 12 AND FINAL ACCEPTANCE  
FOR CONTRACT 1352 - HURRICANE RELATED REPLACEMENT OF THE  
PUMP PACKAGE AT THE CARROLLTON WATER PURIFICATION PLANT –  
POWER COMPLEX**

**WHEREAS**, the Sewerage and Water Board entered into Contract 1352 with Industrial & Mechanical Contractors, Inc. in the amount of \$2,721,890.00 for the FEMA funded Replacement of the Pump Package at the Carrollton Water Purification Plan – Power Complex and

**WHEREAS**, following negotiations between the Sewerage and Water Board of New Orleans and Industrial Mechanical Contractors, an agreement was reached in the amount of \$52,615.45 for extended overhead for additional days that were added to this Contract and for credits for work not performed, and

**WHEREAS**, this Change Order, in the amount of \$52,615.45, brings the accumulated Contract change order total to \$1,663,862.54 or 61.1% of the original Contract value, and

**WHEREAS**, Contract 1352 is ready for Final Acceptance and Closeout by the Sewerage and Water of New Orleans,

**NOW THEREFORE BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that Change Order No. 12 and Recognition of Final Acceptance are hereby approved.

---

I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN, EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

**Date:** August 24, 2018

**From:** Bruce Adams *B. Adams* *08/30/2018*  
Interim General Superintendent

**To:** Office of the Executive Director

**Re:** Contract 1352 – Hurricane Katrina Related Replacement of the Pump Package at the Carrollton Water Purification Plant – Power Complex

Enclosed please find a recommendation for approval of Change Order No. 12 in the amount of \$52,615.45 and Final Acceptance for the above captioned contract.

This Change Order was generated following negotiations between the Sewerage and Water Board of New Orleans and Industrial Mechanical Contractors. An agreement was reached in the amount of \$52,615.45 which is comprised of extended overhead for additional days that were added to this Contract and credits for work not performed.

The current attained DBE % is 26.6%. The required DBE participation goal on this contract is 26% percent and will remain unchanged through this approved change order. Previous change orders to this contract totaled \$1,611,247.09. This Change Order brings the cumulative total of Change Orders to \$1,663,862.54, which is 61.1% of the original bid amount of the Contract. All work on this contract has been completed and accepted, including the items added by this change order, and Contract 1352 is recommended for Final Acceptance and Closeout.

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

**Cc:** M. Ron Spooner  
Kevin Braxton  
Irma Plummer  
Yahya Rokayak (CH2M)  
James Annacone  
Dexter Joseph  
Rosita Thomas  
Willie Mingo  
Yolanda Grinstead

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

2018

Contract # 1352 P/O# \_\_\_\_\_

Date: July 11, 2018

Project Name: Hurricane Katrina Related Repairs to Replace Pump Package

Job/Project # 01352STA Reason for Change Order: There is one work Item associated with this change order, please see FCO 019.

Change Order Amount: \$52,615.45 Contract Amount Prior To Change Order: \$2,721,890.00

Original Contract Amount: \$2,721,890.00 Total Spent to Date: \$4,385,752.54

PW#: 21022 (formerly 6947) Vendor: Industrial & Mechanical Contractors, Inc.

C. P. Item # 175 / 100 % C. P. Item # \_\_\_\_\_ / \_\_\_\_\_ % C. P. Item # \_\_\_\_\_ / \_\_\_\_\_ %

Source of funding for Change Order:

System Funds: \$ \_\_\_\_\_ Bonds: \$ \_\_\_\_\_ FEMA: \$2,721,890.00 Anticipated FEMA: \$ \_\_\_\_\_

Total Funding: \$ 2,721,890.00

FUND Code CAP ORGN Code 7200 ACTIVITY Code \_\_\_\_\_ OBJECT Code 3296

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

- |   |                       |
|---|-----------------------|
| • Survey Phase                                  | <u>\$ N/A</u>         |
| • Design Phase                                  | <u>\$ N/A</u>         |
| • Testing Phase                                 | <u>\$ N/A</u>         |
| • Value of A/E Contract for this work to Date:  | <u>\$ 420,448.67</u>  |
| • Construction Contract Value to Date:          | <u>\$4,385,752.54</u> |
| • Value of Project Management to Date:          | <u>\$ 438,575.25</u>  |
| • Value of other Professional Services to Date: | <u>\$ N/A</u>         |
| • Total Investment to Date:                     | <u>\$4,824,327.70</u> |

## 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, % 26

## ACTION CRITICAL

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

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

**2018**

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

MRF Date: 8/29/18

- Level Two (2) Project Manager, S&WB, Engineering Department  
Requested Response Date: 11

MRF Date: 8/29/18

- Level One (1) Manager, S&WB, Engineering Department  
Requested Response Date: 11

Melvin P. Adams Date: 8/29/18

- Bruce Adams, General Superintendent, S&WB  
Requested Response Date: 11

Bruce A. Adams Date: 08/30/2018

- Executive Director, S&WB

Requested Response Date: 11

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

- Willie Mingo, Director of Procurement, S&WB

Requested Response Date: 11

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



# SEWERAGE & WATER BOARD OF NEW ORLEANS

## - FINAL ACCEPTANCE STATEMENT -

**DATE:** 27-Aug-18  
**FROM:** Kevin Braxton, P.E. , FEMA Contracts Supervisor *KB*  
**TO:** Bruce Adams, Interim General Superintendent  
**RE:** **Contract No.:** 1352  
**CC:** Hadi Amini, Ron Spooner  
**TITLE:** **Contract 1352 – Hurricane Katrina Related Pump Replacement Package at the Carrollton Water Purification Power Complex**

This is to advise that all work on the above-captioned Contract is now completed and acceptance of the Contract is recommended.

|   |                                     |
|---|-------------------------------------|
| CONTRACTOR:   | Industrial & Mechanical Contractors |
| ORIGINAL CONTRACT SUM:  | \$2,721,890.00                      |
| LUMP SUM BID:   | \$0.00                              |
| UNIT PRICE BID:   | \$0.00                              |
| TOTAL CONTRACT BID:   | \$2,721,890.00                      |
| UNIT PRICE EXTENSIONS TO CONTRACT:                                | 0                                   |
| NO. CHANGE ORDERS:  | 22                                  |
| TOTAL CHANGE ORDER AMOUNT:  | \$1,663,862.54                      |
| (Do not include unit price work in Change Orders)                 |                                     |
| TOTAL CONTRACT EXPENDITURE:                                       | \$4,385,752.54                      |
| CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:   | 61.13%                              |
| DATE WORK ORDER ISSUED:   | 17-Sep-12                           |
| DATE WORK ACCEPTED:   | 11-Dec-15                           |
| RETAINAGE INCLUDING FINAL CHANGE ORDER DUE TO CONTRACTOR:         | \$219,287.63                        |
| CONTRACT DBE Participation goal:                                  | 26.0%                               |
| CONTRACT DBE Participation achieved:                              | 26.0%                               |
| <br>  |                                     |
| TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:            | \$2,034,337.50                      |
| TOTAL CONTRACT AMOUNT ELIGIBLE FOR MITIGATION FEMA REIMBURSEMENT: | \$714,880.00                        |
| TOTAL CONTRACT AMOUNT <u>NOT</u> ELIGIBLE FOR FEMA REIMBURSEMENT: | \$1,636,535.04                      |

SOURCE OF FUNDS:

☒ \$100m Loan Revolving Fund

*Kevin Braxton*  
\_\_\_\_\_  
Kevin Braxton  
Program Supervisor

*Melvin R. Spooner*  
\_\_\_\_\_  
M. Ron Spooner, P. E.,  
Chief of Engineering



**RATIFICATION OF CHANGE ORDER NO. 14 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 14 represents the following items: (FCO's 47 through 68) Description of Change Orders: FCO-047 Structural Steel Platform, FCO-048 Furnish & Install Cable Tray, FCO-049 Pre-Fault Activities, FCO-050 Installation of switch gear, FCO-051 4" Aluminum Conduit, FCO-052 Basler Add-Start Up & Commissioning, FCO-053 Electrical Work Console 17+18, FCO-054 Basler Relays, FCO-055 Addl Work, NGR Platform, FCO-056 Addl Work Switchgear Platform, FCO-057 Addl work cable tray support, FCO-058 Material Test Generator 4 Frame, FCO-059 Ethos Start-Up Services, FCO-060 N3R Wire way, FCO-061 Add Scope from Contract 1350, FCO-062 Add Scope from Contract 6250, FCO-063 Add Scope from Contract 1352, FCO-064 Modifications to Performance Testing, FCO-065 E&I Loop Check Testing, FCO-066 Start Up Services, FCO-067 HMI Controls, FCO-068 Modifications to Lateral and Torsional Testing. Please see the Construction Management Change Order Detail Sheet (Page two of the Change Order 14 Scope of Changes Form) for more detail.

**WHEREAS**, this Change Order, in the amount of \$1,136,452.34, brings the accumulated Contract change order total to \$5,812,819.95, or 86.8% of the original Contract value, and

**NOW THEREFORE BE IT RESOLVED**, that approval of Change Order No. 14 for Contract 6247 is ratified by the Sewerage and Water Board of New Orleans.

---

I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

---

GHASSAN KORBAN, EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# Sewerage & Water Board

## Inter-Office Memorandum

**Date:** August 24, 2018

**From:** Bruce Adams, P.E. *Bruce Adams*  
Interim General Superintendent *08/31/2018*

**To:** Office of the Executive Director

**Re:** Contract Number 6247 – Hazard Mitigation Grant Project Retrofit of Generator 4.

Enclosed please find a recommendation from the Chief of Engineering for approval of Change Order No. 14 for the above contract.

This change order represents the following twenty-two items:

**FCO-47, Structural Steel Platform:** At the request of the Owner, the Contractor was asked to perform the following work: Provide labor and material to build and install structural steel platform #2 as per drawings S-110 provided by WS Nelson (attached). On September 6th, 2017, an uncontrolled electrical fault and explosion occurred within the turbine 4 generator main breaker switchgear during no-load generator excitation commissioning. As a result, the original platform was damaged and requires replacement in order to safely service the Neutral Grounding Resistor (NGR).

**FCO-48, Furnish & Install Cable Tray:** The Contractor was asked to furnish and install cable tray as per Engineer issued Construction drawings E-700 & E-701 issued by WS Nelson and as per submittal SUL-00147 (attached). The main breaker was destroyed during the fault incident along with part of the existing wire way. The new design relocated Switch Gear to the upper level deck. The new feeders were also routed from the Switch Gear to the outdoor buss box. The cable tray also houses the new feeder for the transformer and will support MCC-4 and the feeder for the circulating water pump.

**FCO-49, Pre-Fault Activities:** During start up activities the Owner requested additional services to be performed on a T&M basis:

1. Install and connect wire for load bank heater circuits from S&WB provided 480V generator to each load bank trailer. Ground cable tray at each joint and to main ground loop and install additional cable tray to house interconnecting cables.

2. QDS provide technical support by reprogramming the load bank HMI per the attached recap summary from QDS.

3. The Owner requested that an additional Pressure Transmitter be installed at STG-4, relocate a PT from Gen #3 over to STG-4. That PT was later determined to be bad. S&WB provided a new PT for install and wire into ITB#1 on a temp basis until such a time for a permanent install could be accomplished. Shortly after, permanent install was provided.

4. Replace (ferrous metals) stainless steel uni-strut with aluminum strut and cable entrance connectors with PVC male adaptors in the load bank box. WP-18 CT mounting design did not provide enough space for the 3 parallel load bank feeder cables to enter the

Buss Box enclosure and separate as needed to be able to pass through it's required CT's. S&WB's personal consultant EJ Rousell determined the solution is to remove the existing CTSS strut support and replace it with an Aluminum strut support at a higher elevation to allow more cable flexibility before entering the CT's. Also, remove the existing cable connectors and replace with PVC male adaptors. This was to avoid excessive over heating if all 3-A phases were to pass through the designed cable entrance connector, same goes for B phases & C phases.

5. Change existing 60A DC breakers to a 20A DC breakers in Central Control up to control office in attic. This was not identified in EWP-025 SOW.

6. Assist in trouble shooting CT's & PT's associated with STG- 4.

**FCO-50, Installation of switch gear:** This change order represents the post-fault installation of Generator 4 switchgear based on IFC drawings issued by WS Nelson and noted in SUL-00155, 00156.A and 00159, attached. On September 6th, 2017, an uncontrolled electrical fault and explosion occurred within the Turbine 4 generator main breaker switchgear during no-load generator excitation commissioning. The switch gear was damaged during the fault incident and required replacement. The switch gear was purchased and supplied to the Contractor by S&WB post fault. The Contractor was asked by S&WB to install the switch gear and all associated materials.

**FCO-51, 4" Aluminum Conduit:** This change order represents the cost associated with providing labor and material to provide and install a new 4" aluminum conduit from the manhole outside of the high lift building porch up to the mid-level deck to a new pull box. A new pull box and 4" conduit was required to provide enough capacity for the new cables between the high lift building and central control. The new 4" conduit extends from the manhole outside to a new pull box installed next to the generator. From that pull box, and additional 4" conduit is installed to a second pull box mounted below the new switchgear for all of the switchgear control cables from central control. This work was approved by the S&WB to be performed on a T&M basis.

**FCO-52, Basler Add-Start Up & Commissioning:** This Change Order represents additional cost for Basler to attend start up and commissioning. Basler's initial quote was for 2 travel days and 3 work days, all on weekdays. To accommodate the start of testing on May 7th, Basler is required to travel on Sunday, which was not included in their initial estimate. The new change order includes the difference in price for weekend travel to accommodate the testing and startup schedule.

**FCO-53, Electrical Work Console 17+18:** As a result of the fire, a new switchgear was installed for power distribution at Generator 4. Consoles 17 and 18 contained all of the remote control equipment for the generator and the auxiliary circuit breaker. All interconnect wiring between the high lift building (switchgear) and central control consoles 17 and 18 must be replaced, which includes wiring modifications in the consoles. Also, the addition of an additional circuit breaker for the circulating water pump feeder requires additional hardware to be installed in console 18.

**FCO-54, Basler Relays:** On September 6th, 2017 an uncontrolled electrical fault and explosion occurred within the Turbine 4 generator main breaker switchgear during no-load generator excitation commissioning. The switch gear was damaged during the fault incident and required replacement. The switch gear was purchased and supplied to the Contractor by S&WB post fault. The Contractor was asked by S&WB to install the switch gear and all associated materials. EPS is being contracted to build the setting files for the two new protection relays in the new switchgear. EPS will upload the setting files into the relays during commissioning. EPS E&D will investigate the set points main

menu for each new relay. This will involve looking at the system setup, logic inputs, output relays, protection, monitoring, and control. Settings determined from the SKM analysis and the software used for coordination of the relays will be used. Control schematics will be reviewed to determine which relay inputs and outputs shall be programmed dependent on how the system is desired to operate. Manufacturer software will be utilized to create the setup file to be loaded into each relay for use.

**FCO-55 Additional Work, NGR Platform:** On September 6th, 2017, an uncontrolled electrical fault and explosion occurred within the turbine 4 generator main breaker switchgear during no-load generator excitation commissioning. As a result, the original platform was damaged and required replacement in order to safely service the Neutral Grounding Resistor (NGR). This change order represents work that was performed because the cinder blocks were found to be hollow where the anchor bolts were to be installed to secure the NGR platform. At the request of the Owner and recommendation of the Engineer, the Contractor was asked to perform the following work to ensure proper connections are made:

I. Extend C6x I 0.5 channel and cope into existing W 1 2x40 beam. 2. 25 Install additional intermediate angle supports under center of grating span. 3. Install 6" channel column on south side of NGR platform due to possibility of hollow CMU wall."

**FCO-56 Additional Work Switchgear Platform:** On September 6th, 2017, an uncontrolled electrical fault and explosion occurred within the turbine 4 generator main breaker switchgear during no-load generator excitation commissioning. As a result, the original platform was damaged and required replacement in order to safely service the Switch Gear. During the replacement of the switchgear platform, the following additional work was identified:

Modify existing stairway handrail to allow 4" pipe column to rest completely on concrete walkway. Additional notching at W4 beams to accommodate conduit entry into switchgear. Fabricate, galvanize, and install a 2nd 4" pipe column to address platform deflection. Revise j-bolts on top of steel plate. Welded bolts to bottom of plate, ground smooth, and touched up galvanizing. Install additional piece of galvanized plate on each side of original plate to accommodate breaker roller.

**FCO-57 Additional work cable tray support:** In FCO-048 the Contractor was asked to furnish and install a new cable tray as per drawings E- 700 & E- 70 I issued by WS Nelson and as per submittal SUL-00147. The main breaker was destroyed during the fault incident on September 6, 2017 along with part of the existing wire way. The new design relocated Switch Gear to the upper level deck. The new feeders were also routed from the Switch Gear to the outdoor buss box. The new cable tray also houses the new feeder for the transformer and will support MCC-4 and the feeder for the circulating water pump. The following work was discovered as the new cable tray was being installed: Additional labor and materials required to assist the Contractor with welding and installation of supports for cable trays being re-routed under FCO- 48. This is additional work was not identified at the time FCO -048 was generated but allowed for Barnes to support the cable tray in a vertical position or suspended from the decking.

**FCO-58 Material Test Generator 4 Frame:** This change order represents the cost associated with providing labor and material to conduct a chemical and hardness test on a cracked section of the Generator 4 frame. This testing is being performed to determine the material type and condition. Determining the type and condition of material will assist in providing guidance as to how best to weld the material type for the Generator 4 frame.

**FCO-59 Ethos Start-Up Services:** At the request of the Owner, Ethos will provide start-up services for the Generator 4 start-up. Ethos refurbished Turbine 4 as a subcontractor to IMC, and has been asked by the S&WB to be onsite for the start-up and commissioning of Turbine 4/Generator 4 for monitoring and troubleshooting.

**FCO-60 N3R Wire way:** The change order represents the cost associated with providing labor and material to provide and install an N3R wire way above Turbine/Generator 4 and to reroute associated conduit for control wiring access into gear for Turbine/Generator 4. The new switchgear could not accommodate bottom entry for control cables due to limited access in the control section. A new wire way was installed to allow for top access for control cables.

**FCO-61 Additional Scope from Contract 1350:** At the request of the Owner, the remaining scope from Contract 1350 Turbine 4 (specifically line item# 6.09, Test Turbine, \$150,000), will be moved into Contract 6247, Generator 4.

**FCO-62 Additional Scope 6250:** At the request of the Owner, the remaining scope from Contract 6250 Load Bank (specifically line items # 3.E, Disassembly \$50,130 and #8, Additional period operating load bank equipment after test, \$30,000.) will be moved into Contract 6247, Generator 4.

**FCO-63 Additional Scope from 1352:** At the request of the Owner, the remaining scope from Contract 1352 Pump Replacement Package (specifically the boiler feed water piping which was negotiated at a price of \$2,826.95) will be moved into Contract 6247, Generator 4.

**FCO-64 Modifications to Performance Testing:** The subject contract specification required performance testing of the steam turbine in accordance with section 3-0 Testing, paragraph B.1 of the contract. The Contractor's sub, EthosEnergy (TurboCare) developed a proposal for performance of that testing in association with Performance Engineering LLC for the proposal (and subsequent award) for the subject contract. The Performance Engineering LLC proposal and pricing was based upon their proposal, attachment (a), in the amount of \$24,400.00. Given the extended period of time since that proposal / date, Performance Engineering, LLC has submitted an updated proposal for the same scope in the amount of \$47,000.00. Given that the delay in EthosEnergy's ability to conduct the performance testing and complete its scope was beyond their control, the Contractor respectfully requests an equitable adjustment in that regard. Specifically, the Contractor's sub is requesting a \$22,600.00 increase in cost with a 15% fee applied for processing/execution. Therefore; the Contractor is requesting a change order in the amount of \$34,188.01.

**FCO-65, E&I Loop Check Testing:** Per the Engineer's email dated 3/13/18, the Contractor was directed to proceed with the following scope list for the EPS testing that was discussed in the technical meeting held on 3/7/18. Since the Contractor previously submitted a change order request for the switchgear testing scope, that particular scope is not included herein.

Scope item 1- perform loop checks on all control wiring contained within the scope clouds in the attached drawing set

Scope item 2 - perform full loop checks on the entire system shown on drawings E-208 and E-209, excluding the MV power cables.

(i.e. Consider the entire drawing to be clouded)

Scope item 3 - provide yellow line drawings indicating all circuits that were checked as part of final report

Scope item 4 - perform function test on all control switches, contactors and pilot lights (within scope clouds in attached drawing set)

Scope item 5 - provided relay testing on 4 Basler relays: Generator relay (llg) and 3 feeder relays (llf) Scope item 6 - perform testing on all power supplies to verify proper operation (within scope clouds in attached drawing set)

EXCLUDED - CT testing is not required as part of this scope. CT wiring is included in loop check scope."

**FCO-66, Start Up Services:** The Contractor's (IMC) subcontractors are required to be present for the second commissioning and startup to provide assistance. These subcontractors were present back in September 2017 during the first startup process, which was required per specification. On September 6th, 2017, an uncontrolled electrical fault and explosion occurred within the Turbine 4 generator main breaker switchgear during no-load generator excitation commissioning. A change order is required for this second startup, which is a result of the switchgear fire/fault incident.

**FCO-67, HMI Controls:** HMI programming is per request of the S&WB and was not part of the original specification requirements. Several additions have been made to the control system, which will include hardware modifications. There will be additional costs for the addition of 2 relays, 3 small HMI screens and new instrumentation in the future.

**FCO-68 Mods Lateral and Torsional Testing:** The Sewerage and Water Board (SWBNO) is in process of replacing the switchgear damaged on September 6, 2017. On September 6th, 2017, an uncontrolled electrical fault and explosion occurred within the turbine 4 generator main breaker switchgear during no-load generator excitation commissioning. The original intention was to restart the unit in early May 2018. IMC's subcontractor, EthosEnergy (EE) generated a proposal costing upon reference (a), ultimately utilizing that scope proposed by TG Advisors in the amount of \$92,375.00 (Torsional of \$69,875 and Lateral of \$22,500) for base scope. Given the roughly 66 months that have transpired from the date of that proposal by TG Advisors to their requote dated February 20, 2018 the cost has risen. The Contractor is requesting an equitable adjustment to address the increased cost due to delays beyond their control.

The required DBE participation on this Contract is 0%. This Change Order is in the amount of \$1,136,452.34 represents 17% of the original bid amount, and brings the cumulative total Change Orders to \$5,812,819.95 which is 86.8% 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.

cc: M. Ron Spooner  
Willie Mingo

Alvin Porter  
Rosita Thomas

Jason Higginbotham  
S&WB Legal Department

Yahya Rokayak, Jacobs  
File



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

2018

Contract # 6247 Change Order #14 Date: 2/21/18

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

Reason for Change Order: Twenty-two work items, FCO-47, FCO-48, FCO-49, FCO-50, FCO-51, FCO-52, FCO-53, FCO-54, FCO-55, FCO-56, FCO-57, FCO-58, FCO-59, FCO-60, FCO-61, FCO-62, FCO-63, FCO-64, FCO-65, FCO-66, FCO-67 and FCO-68.

Change Order Amount: \$1,136,452.95 Contract Amount Prior To Change Order: \$11,372,117.61

Original Contract Amount: \$6,695,750.00 Total Spent to Date: \$11,720,063.38

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

C. P. Item #        /        % C. P. Item #        /        % C. P. Item #        /        %

## Source of funding for Change Order:

System Funds: \$        Bonds: \$        FEMA: \$        Anticipated FEMA: \$       

Total Funding: \$       

FUND Code        ORGN Code        ACTIVITY Code        OBJECT Code       

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

|   |                 |
|---|-----------------|
| Survey Phase                                      | N/A             |
| Design Phase                                      | \$466,346.42    |
| Testing Phase                                     | N/A             |
| Value of A/E Contract for this work to date       | N/A             |
| Construction Contract Value to date               | \$11,720,063.38 |
| Value of Project Management (CM) to date          | \$1,495,305.58  |
| Value of other Professional Services to date (IN) | \$745,024.11    |
| Total Investment to date                          | \$14,426,739.49 |

## 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

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

2018

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

Melvin L. Spencer Date: 8/25/18

- Level Two (2) Project Manager, S&WB, Engineering Department

Requested Response Date: 1  
Melvin L. Spencer Date: 8/25/18

- Level One (1) Manager, S&WB, Engineering Department

Requested Response Date: 1  
Melvin L. Spencer Date: 8/25/18

- Deputy Director, General Superintendent, S&WB, Engineering Department

Requested Response Date: 1  
Brian A. Anderson Date: 08/30/2018

- James Annacone, Fiscal Manager, PDU

Requested Response Date: 1

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

- Willie Mingo, Director of Procurement, S&WB

Requested Response Date: 1

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



**ADDITIONAL ITEMS TO BE ADDED TO CONTRACT**

REVISED CONTRACT DAYS 1921

2018.05 14 6247 CO-14\_SOC W CoE maximum

**RATIFICATION OF CHANGE ORDER NO.1 FOR CONTRACT 140033 – LEAK  
DETECTION SERVICES**

---

**WHEREAS**, the Sewerage and Water Board of New Orleans entered into Contract 140033 with Echologics, LLC for the amount of \$954,000 and

**WHEREAS**, the contractor will perform additional leak detection throughout the City of New Orleans, and

**WHEREAS**, the Contractor will be granted three hundred ninety-six (396) additional Contract days to complete the work, and

**WHEREAS**, this first and final Change Order, in the amount of \$646,768.92 is 67.8% of the original Contract value.

**NOW THEREFORE BE IT RESOLVED**, the approval of Change Order No. 1 for Contract 140033 is ratified by the Sewerage and water Board of New Orleans.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

---

GHASSAN KORBAN, EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

**Date:** 6/29/2018

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

**To:** Jade Russell-Brown  
Interim Executive Director

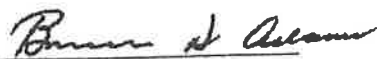
**Subject:** Contract No. 140033 – Leak Detection Services

### Summary Information for Change Order No. 1

Enclosed please find a recommendation for approval of Change order No. 1 for the above captioned contract. This change order adds competitively bid items in order to maintain leak detection services until the present procurement process is complete and a new contract is awarded.

|   |                |
|---|----------------|
| Original Contract Award Amount:             | \$954,000.00   |
| Contract Amount After One Exercised Renewal | \$1,908,000.00 |
| Previously Approved Change Order Amount:    | \$0.00         |
| This Contract Change Order Amount:          | \$646,768.92   |
| Total Cumulative Dollar Contract Amount:    | \$2,554,768.92 |

|                              |      |
|------------------------------|------|
| Contract DBE Participation   | N/A% |
| Forecasted DBE Participation | N/A% |

  
Bruce Adams  
Interim General Superintendent

Date: 07/05/2018

**Cc:**  
Willie Mingo, Procurement  
Rosetta Thomas, Finance Director  
Ron Spooner, Network Engineering  
Britton Husby, PM  
David Cappel, P.E., Head of Technical Services Department



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

**Date:** 6/29/2018

**From:** Steve Bass, P.E. *David Cappel for Steve Bass*  
Chief of Networks

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

**Subject:** Contract No. 140033 – Leak Detection Services

### Summary Information for Change Order No. 1

Enclosed please find a recommendation for approval of Change order No. 1 for the above captioned contract. This change order adds competitively bid items in order to maintain leak detection services until the present procurement process is complete and a new contract is awarded.

|   |                |
|---|----------------|
| Original Contract Award Amount:             | \$954,000.00   |
| Contract Amount After One Exercised Renewal | \$1,908,000.00 |
| Previously Approved Change Order Amount:    | \$0.00         |
| This Contract Change Order Amount:          | \$646,768.92   |
| Total Cumulative Dollar Contract Amount:    | \$2,554,768.92 |
| Contract DBE Participation                  | N/A%           |
| Forecasted DBE Participation                | N/A%           |

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

I concur: *Bruce Adams*  
Bruce Adams  
Interim General Superintendent

Date: *07/06/2018*

Cc:  
Willie Mingo, Procurement  
Rosetta Thomas, Finance Director  
Ron Spooner, Network Engineering  
Britton Husby, PM  
David Cappel, P.E., Head of Technical Services Department

# Sewerage & Water Board of New Orleans | 2018

Contract # 140033 P/O# \_\_\_\_\_ Date: 6/29/2018

Project Name: Leak detection services Job/Project # \_\_\_\_\_

Reason for Change Order: This change order adds additional quantities of competitively bid items in order to maintain leak detection services until the present procurement process is complete and a new contract is awarded.

Change Order Amount: \$646,768.92 Contract Amount Prior To Change Order: \$1,908,000.00

Original Contract Amount: \$954,000 with 1 renewal Total Spent to Date: \$2,385,058.00

PW#: \_\_\_\_\_ Vendor: Echologics, LLC

C. P. Item # 110-15 / 100 % C. P. Item # \_\_\_\_\_ / \_\_\_\_\_ % C. P. Item # \_\_\_\_\_ / \_\_\_\_\_ %

Source of funding for Change Order:

System Funds: \$646,768.92 Bonds: \$ \_\_\_\_\_ FEMA: \$ \_\_\_\_\_ Anticipated FEMA: \$ \_\_\_\_\_

Total Funding: \$646,768.92

FUND Code \_\_\_\_\_ ORGN Code 6430 ACTIVITY Code \_\_\_\_\_ OBJECT Code 3300

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

- Survey Phase \$ \_\_\_\_\_
- Design Phase \$ \_\_\_\_\_
- Testing Phase \$ \_\_\_\_\_
- Value of A/E Contract for this work to Date: \$ \_\_\_\_\_
- Construction Contract Value to Date: \$ \_\_\_\_\_
- Value of Project Management to Date: \$ \_\_\_\_\_
- Value of other Professional Services to Date: \$ \_\_\_\_\_
- Total Investment to Date: \$1,908,000.00

## 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: Leak detection services are provided solely through contract 140033 and there are no alternatives to provide such services, until a new contract is awarded. It is necessary to maintain the current leak detection services contract via change order to support other critical contracts, which include O&M water and sewer point repair contracts and \$2.2 billion in joint infrastructure construction.

## Sewerage & Water Board of New Orleans | 2018

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

Bulton Huggs Date: 6/29/18

- Level Two (2) Project Manager, S&WB, Engineering Department  
Requested Response Date: 6/29/18

LLC Date: 6/29/18

- Level One (1) Manager, S&WB, Engineering Department

Requested Response Date: 6/29/18  
David Cappel Steve Bass Date: 6/29/18

- Deputy Director, General Superintendent, S&WB, Engineering Department  
Requested Response Date: 1/1

Brian d. Quinn Date: 07/05/2018

- ~~Irvin Carter~~, Fiscal Manager, PDU James Anna  
Requested Response Date: 1/1

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

- Executive Director, S&WB

Requested Response Date: 1/1

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

- Willie Mingo, Director of Procurement, S&WB

Requested Response Date: 7/12/18  
Willie Mingo Date: 7/12/18

**CHANGE ORDER NO. 1 FOR CONTRACT 3664 – HURRICANE KATRINA RELATED 404 HAZARD MITIGATION GRANT PROGRAM REPLACEMENT OF SEWAGE PUMPING STATION NO 8**

**WHEREAS**, the Sewerage and Water Board entered into Contract 3664 with Hard Rock Construction LLC for the FEMA funded construction of Hurricane Katrina Related 404 Hazard Mitigation Grant Program Replacement of Sewage Pumping Station 8 in the bid amount of \$8,017,911.20, and

**WHEREAS**, this Change Order consists of changes to the contract to repair a leaking sewage manhole at Toulouse St; and

**WHEREAS**, this Change Order consists of changes to the contract to repair a broken 8" sewer; and

**WHEREAS**, this Change Order consists of changes to the contract for unit price over and underruns where the installed quantities did not match those in the original contract; and

**WHEREAS**, this Change Order consists of changes to the contract to add a new emergency standby generator elevated platform; and

**WHEREAS**, this Change Order consists of changes to the contract to add new isolation valves in the pump station and force main; and

**WHEREAS**, this Change Order, in the amount of \$746,323.82 is 9.3% of the original Contract value, and

**NOW THEREFORE BE IT RESOLVED**, that approval of Change Order No. 1 for Contract 3664 is ratified by the Sewerage and Water Board of New Orleans.

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I, Ghassan Korban, Executive Director  
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 October 17, 2018.

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GHASSAN KORBAN, EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# Sewerage & Water Board

## Inter-Office Memorandum

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**Date:** September 21, 2018

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

**To:** Ghassan Korban, P.E.  
Executive Director

**Re:** Contract Number 3664 - Hurricane Katrina Related 404 Hazard Mitigation Grant  
Program Replacement of Sewage Pumping Station No 8

Enclosed please find a recommendation from the Chief of Engineering for approval of Change Order No. 1 for the above contract. The original contract amount was \$8,017,911.20 and work began on March 27<sup>th</sup> 2017 with a contract duration of 480 days. The Contract Review Committee approved Contract 3664 with a DBE Goal of 36%.

This Change Order consists of changes to the contract for repairs to a sewage manhole, sewer pipe, unit price over/underruns, new generator and platform, platform staircase, isolation valves in force main and at the pump station and a new heavy duty driveway.

Enclosed please find a recommendation from the Chief of Engineering for approval of Change Order No. 5 for the above contract.

This Change Order is in the amount of \$746,323.82, which represents 9.3% of the original bid amount, and will extend the length of the Contract by 39 days. With the approval of this Change Order, the cumulative total of changes will amount to \$746,323.82 with a revised contract amount of \$876,235.02.

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

**cc:** Ron Spooner, Chief of Engineering  
Christopher Bergeron, Mechanical Engineering  
Irma Plummer, EDBP  
Dexter Joseph, Budget  
Willie Mingo, Purchasing  
Rosita Thomas, Finance  
Javon Walker, PDU



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

2018

Contract # 3664 P/O# \_\_\_\_\_

Date: 9/19/18

Project Name: Hurricane Katrina Related 404 Hazard Mitigation Grant Program Replacement of Sewage Pumping Station No 8

Job/Project # 3664

Reason for Change Order: FCO-1 Point Repair at Manhole On Toulouse St., FCO-2 Point Repair at 8" Clay Pipe, FCO-4 Over and Under Runs on Installed Quantities, FCO-5 New Generator and Platform, Generator Platform Stair Addition, FCO 6R Additional Force main 12" Valve and Additional 12" Suction Valves, 21' Driveway

Change Order Amount: \$746,323.82 Contract Amount Prior To Change Order: \$8,017,911.20

Original Contract Amount: \$8,017,911.20 Total Spent to Date: \$6,458,395.27

PW#: HMGP Vendor: Hard Rock Construction LLC

C. P. Item # \_\_\_\_\_ / 100 % C. P. Item # \_\_\_\_\_ / \_\_\_\_\_ % C. P. Item # \_\_\_\_\_ / \_\_\_\_\_ %

## Source of funding for Change Order:

System Funds: \$ \_\_\_\_\_ Bonds: \$ \_\_\_\_\_ FEMA: \$ \_\_\_\_\_ Anticipated FEMA: \$ \_\_\_\_\_

Total Funding: \$746,323.82

FUND Code \_\_\_\_\_ ORGN Code \_\_\_\_\_ ACTIVITY Code \_\_\_\_\_ OBJECT Code \_\_\_\_\_

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

- Survey Phase \$ \_\_\_\_\_
- Design Phase \$ \_\_\_\_\_
- Testing Phase \$ 200,626.52
- Value of A/E Contract for this work to Date: \$ \_\_\_\_\_
- Construction Contract Value to Date: \$ 6,458,395.27
- Value of Project Management to Date: \$ 853,409.91
- Value of other Professional Services to Date: \$ \_\_\_\_\_
- Total Investment to Date: \$ \_\_\_\_\_

## 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: Public Bid
- Local Vendor: ☒ Yes ☐ No
- DBE: ☒ Yes ☐ No. If Yes, % 36

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

2018

## 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) CPD Date: 10/1/18
- Level Two (2) Project Manager, S&WB, Engineering Department  
Requested Response Date: 11  
CPD Date: 10/1/18
- Level One (1) Manager, S&WB, Engineering Department  
Requested Response Date: 11  
Melvin J. Brown Date: 10/1/18
- Deputy Director, General Superintendent, S&WB, Engineering Department  
Requested Response Date: 11  
Brian A. Quinn Date: 10/01/2018
- James Annaccone, PDU Manager  
Requested Response Date: 11 Date: \_\_\_\_\_
- Willie Mingo, Director of Procurement, S&WB  
Requested Response Date: 11 Date: \_\_\_\_\_

SCOPE OF CHANGES No. 1  
Contract 3664  
(Change Order No. 1)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

| Item # | FCO# | Detailed Description   | Units | Unit Price   | Quantity | Amount       | Days | Comments      |
|--------|------|--|-------|--------------|----------|--------------|------|---------------|
| 1      | 1    | Point Repair at Manhole On Toulouse St   | 1     | \$35,159.41  | 1        | \$35,159.41  | 0    | FEMA Eligible |
| 2      | 2    | Point Repair at 8" Clay Pipe   | 1     | \$3,001.08   | 1        | \$3,001.08   | 0    | FEMA Eligible |
| 3      | 4    | Over and Under Runs on Installed Quantities  | 1     | \$176,435.00 | 1        | \$176,435.00 | 0    | FEMA Eligible |
| 4      | 5    | New Generator and Platform   | 1     | \$440,521.85 | 1        | \$440,521.85 | 29   | FEMA Eligible |
| 5      | 6R   | Generator Platform Stair Addition, Additional Force main 12" Valve and Additional 12" Suction Valves, 21' Driveway | 1     | \$91,206.48  | 1        | \$91,206.48  | 10   | FEMA Eligible |
|        |      |  |       |              |          | \$746,323.82 | 39   |               |

|                                  |    |              |
|----------------------------------|----|--------------|
| Original                         | \$ | 8,017,911.20 |
| Amount of previous Change Orders | \$ | -            |
| Amount this Change Order         | \$ | 746,323.82   |
| Change Orders to date            | \$ | 746,323.82   |

REVISED CONTRACT AMOUNT \$ 8,764,235.02 REVISED CONTRACT DAYS 519

% OF ORIGINAL CONTRACT AMOUNT

|                       |      |
|-----------------------|------|
| This Change Order     | 9.3% |
| Previous Change Order | 0.0% |
| TOTAL TO DATE         | 9.3% |

Work Order Date 3/27/2017  
Work Completion Milestone Date 8/28/2018

It is mutually agreed to perform and accept the above revisions in accordance with the original contract and applicable specifications for the above price. This Change Order includes all OH and Profit fees associated with the work. No additional fees shall be awarded after acceptance of this Change Order

Proposed By:

Chris McLellan  
Hard Rock Construction LLC

Recommended By:

Chris Bergeron  
S&WB Project Manager

Approved By:

Melvin R. Spooner  
Chief of Engineering

Date

10/1/18

**Construction Management Change Order Detail**  
**(Change Order No. 1)**  
**Hard Rock Construction LLC**

| Item # | FCO# | Description of Work  | Reason For Work  | FEMA Eligible | Effect on Critical Path                     |
|--------|------|--|--|---------------|---|
| 1      | 1    | Point Repair at Manhole On Toulouse St   | A sewage leak was discovered at the manhole that had to be repaired for the contractor to continue with their work.  | Yes           | Required before utility work could continue |
| 2      | 2    | Point Repair at 8" Clay Pipe   | A sewage leak was discovered on an existing 8" clay pipe that had to be repaired before the contractor could continue with their work.   | Yes           | Required before utility work could continue |
| 3      | 4    | Over and Under Runs on Installed Quantities  | Actual quantities for unit items such as water main fittings, isolation valves, house connections, and pipe offsets differed from the quantities included in the contract  | Yes           | Required to complete utility work           |
| 4      | 5    | New Generator and Platform   | S&WB requested an emergency standby generator to provide power to the station in the event the utility lost power. This generator was to be located on an elevated platform next to the pump station   | Yes           | No  |
| 5      | 6R   | Generator Platform Stair Addition, Additional Force main 12" Valve and Additional 12" Suction Valves, 21' Driveway | <p>The generator platform required an additional staircase per NFPA requirements.</p> <p>S&amp;WB requested additional isolation valves to plan for future growth and allow isolation of The pumps for maintenance.</p> <p>Two commercial properties requested an additional driveway from their parking lot to Toulouse st. that had existed previously but was not permitted and thus not in the contract documents.</p> | Yes           | No  |

**CONTRACT AMENDMENT NO. 1 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**, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-080-2015, HNTB Corporation was awarded the agreement for design and engineering services to provide arc flash analysis of Carrollton Water Purification Plant (CWPP), assessment of storage tank mixing at CWPP and Algiers Water Purification Plant (AWPP), and for the replacement of the lauder troughs at AWPP for \$811,455; and

**WHEREAS**, the General Superintendent's Office, per correspondence dated February 18, 2016, approved additional engineering services including the design for the replacement of EIMOC No. 1 at AWPP, SCADA upgrades, replacement of Lauder Troughs to the existing agreement increasing the contract value by \$336,805; and

**WHEREAS**, the General Superintendent's Office, per approved Additional Engineering Services No. 2 document dated August 30, 2016, for additional engineering design services relative to the assessment of the storage tanks mixing, thereby extending the contract period by 365 days and increasing the contract value by \$29,608; and

**WHEREAS**, the General Superintendent's Office, per approved correspondence dated October 14, 2016, for additional design services including additional scope of work for influent valves, SCADA systems, structural repairs, and instrumentation to the existing agreement thereby extending the contract period to September 15, 2017 and increasing the contract value by \$56,649; and

**WHEREAS**, the Board approved at the March 2018 Board Meeting HNTB's Amendment No. 4, Resolution R-030-2018 for additional bidding and construction administration, additional design and bidding services for passive tank mixing system to the existing agreement thereby extending the contract period to September 15, 2020 and increasing the contract value by \$881,494; and

**WHEREAS**, subsequent to the March 2018 Board Meeting, it was discovered that previous Amendments 1, 2, and 3 were never officially submitted to the Board for approval, resulting in Amendment No. 4 to be superceded by this amendment which is inclusive of all previously approved correspondence mentioned above; and,

**WHEREAS**, the Board wishes to memorialize the contract actions to date; and,

**WHEREAS**, the total contract amendments to date in the amount of \$1,304,556 brings the total authorized contract amount for design services to \$2,116,001,

and the DBE participation goal will remain at 35% for the duration of this contract; and

**NOW THEREFORE, BE IT RESOLVED,** that the President and/or President Pro Tem shall be authorized to execute the amendment to this agreement with HNTB Corporation for the Water Hammer Hazard Mitigation Project extending the contract length to September 15, 2020 and increasing the fee authorized to be paid to HNTB Corporation by \$1,304,556 to a total fee of \$2,116,001.

---

I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

---

GHASSAN KORBAN, EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

---

**Date:** September 26, 2018

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

**To:** Gassan Korban  
Executive Director

**Re:** **Contract Amendment No. 1 – 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 Contract Amendment No. 1 for Additional Engineering Services performed by HNTB Corporation.

This request in the amount of \$1,304,556.00 is for the emergency temporary fluoride chemical feed system improvements at Algiers Water Purification Plant, Algiers clarifiers 3 and 4 launder trough replacement, construction administration and inspection services for replacement of Algiers clarifiers 3 and 4 launder trough replacement, geotechnical surveys of storage tank areas at Algiers Water Plant and Carrolton Water Plant, 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 will remain unchanged through this approved AES request. 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  
Irma Plummer, EDB Director  
Eric Labat, Chief of Operations  
Rosita Thomas, Finance  
Rebecca Johnsey, PM



# Sewerage & Water Board

## Inter-Office Memorandum

**Date:** 9/26/2018

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

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

**Re:** HNTB Corporation

Contract Amendment NO. 1

Description of Contract Amendment: This request will authorize HNTB Corporation to provide emergency temporary fluoride chemical feed system improvements at Algiers Water Purification Plant, Algiers clarifiers 3 and 4 launder trough replacement, construction administration and inspection services for replacement of Algiers clarifiers 3 and 4 launder trough replacement, geotechnical surveys of storage tank areas at Algiers Water Plant and Carrolton Water Plant, 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:                 | \$0.00         |
| Current Contract Amendment:                              | \$1,304,556.00 |
| Total Dollar Contract Amount (including this Amendment): | \$2,116,011.00 |

|                            |     |
|----------------------------|-----|
| Contract DBE Participation | 35% |
|----------------------------|-----|

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

I concur: \_\_\_\_\_  
Bruce Adams, P.E.  
Interim General Superintendent

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

cc: Irma Plummer, EDB Director  
Dexter Joseph, Budget  
Gassan Korban, Executive Director  
Rebecca Johnsey, 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 1

**TITLE:** Engineering and Consulting Services, Re-bidding Services, CA&I Services for Algiers Water Purification Plant

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

**DATE :** 10/1/2018  
**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 for the emergency temporary fluoride chemical feed system improvements at Algiers Water Purification Plant, Algiers clarifiers 3 and 4 launder trough replacement, construction administration and inspection services for replacement of Algiers clarifiers 3 and 4 launder trough replacement, geotechnical surveys of storage tank areas at Algiers Water Plant and Carrolton Water Plant, 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            |
|---------------|---|----------|-------------|-----------------------|
| 001           | Reallocation of Funds from original contract            | 1        | NTE         | -\$487,054.00         |
| 002           | Exhibit 1D: Emergency temporary fluoride chemical feed  | 1        | NTE         | \$18,765.00           |
| 0003          | Exhibit 1E: Algiers clarifiers 3 & 4 launder trough     | 1        | NTE         | \$396,473.00          |
| 0004          | Exhibit 1F: Construction administration and inspection  | 1        | NTE         | \$408,621.00          |
| 0005          | Assessment of Storage Tank Mixing delays in             | 1        | NTE         | \$6,330.00            |
| 0006          | Additional geotechnical tasks, plumbing, HVAC, SCADA    | 1        | NTE         | \$23,278.00           |
| 0007          | Supplemental Scope 2: Additional Scope Items Requested  | 1        | NTE         | \$56,649.00           |
| 0008          | Scope 2A: Design Services for Water Storage Tank        | 1        | NTE         | \$363,709.00          |
| 0009          | Scope 2B: Bidding Services for Water Storage Tank       | 1        | NTE         | \$78,085.00           |
| 0010          | Supplemental Scope 1F: Re-bidding Services for Contract | 1        | NTE         | \$439,700.00          |
| <b>Total:</b> |   |          |             | <b>\$1,304,556.00</b> |

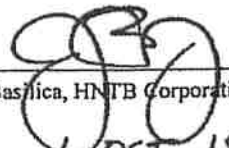
|  |                |
|--|----------------|
| The Original Contract sum was                    | \$811,455.00   |
| Net Change by Previously Authorized AES tasks    | \$0.00         |
| The Contract Sum Prior to This Change Order was  | \$811,455.00   |
| The Contract Sum Will be Increased               | \$1,304,556.00 |
| 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:   
John Baslica, HNTB Corporation

By:   
Melvin R. Spooner, P.E.

By: \_\_\_\_\_  
Bruce Adams, P.E.

Date: 1 OCT 18

Date: 10/1/18

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

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

**ADDITIONAL ITEMS TO BE ADDED TO CONTRACT**

| AES # | CN | Detailed Description   | Fee             | Funding Source |
|-------|----|--|-----------------|----------------|
| 1     |    | Reallocation of Funds from original contract   | \$ (487,054.00) | CAP            |
| 1     |    | Exhibit 1D: Emergency temporary fluoride chemical feed system improvements at AWP  | \$ 18,765.00    | CAP            |
| 1     |    | Exhibit 1E: Algiers clarifiers 3 & 4 launder trough replacement  | \$ 396,473.00   | CAP            |
| 1     |    | Exhibit 1F: Construction administration and inspection services for replacement of Algiers clarifiers 3 & 4 launder trough replacement   | \$ 408,621.00   | CAP            |
| 1     |    | Assessment of Storage Tank Mixing delays in informational gathering  | \$ 6,330.00     | CAP            |
| 1     |    | Additional geotechnical tasks, plumbing, HVAC, SCADA scope   | \$ 23,278.00    | CAP            |
| 1     |    | Supplemental Scope 2: Additional Scope Items Requested During 60% Design Review Meeting  | \$ 56,649.00    | CAP            |
| 1     |    | Scope 2A: Design Services for Water Storage Tank Mixing and Repair   | \$ 363,709.00   | CAP            |
| 1     |    | Scope 2B: Bidding Services for Water Storage Tank Mixing and Repair  | \$ 78,085.00    | CAP            |
| 1     |    | Supplemental Scope 1F: Re-bidding Services for Contract 1404; Additional Construction, Administration, and Inspection for Contract 1404; Algiers Water Purification Plant Improvements | \$ 439,700.00   | CAP            |

**TOTAL \$ 1,304,556.00**

| CONTRACT DBE % |     |
|----------------|-----|
| Contract DBE%  | 35% |
| Current DBE%   | 35% |

| % OF ORIGINAL CONTRACT AMOUNT |               |
|-------------------------------|---------------|
| This Contract Amendment       | 160.8%        |
| Previous Contract Amendments  | 0.0%          |
| <b>TOTAL TO DATE</b>          | <b>160.8%</b> |

| CONTRACT AMOUNT                        |             |
|--|-------------|
| Original Contract Amount               | \$811,456   |
| Amount of Previous Contract Amendments | \$0         |
| Amount of this Contract Amendment      | \$1,304,556 |
| Contract Amendments to date            | \$1,304,556 |

|                                |                    |
|--------------------------------|--------------------|
| <b>REVISED CONTRACT AMOUNT</b> | <b>\$2,116,011</b> |
|--------------------------------|--------------------|

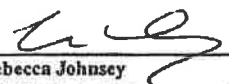
It is mutually agreed to perform and accept the above revisions for AES # 4 in accordance with the currently amended contract and the applicable specifications for the above price.

**Proposed By:**

  
 John Badilla  
 HNTB Corporation

10/1/18  
 Date

**Recommended By:**

  
 Rebecca Johnsey  
 S&WB Project Manager

10/1/18  
 Date

**Approved By:**

  
 M. Ron Spooner  
 Chief of Engineering

10/1/18  
 Date

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

| AES # | CN | Description of Work  | Reason For Work   | FEMA Eligible |
|-------|----|--|---|---------------|
| 1     |    | Reallocation of Funds from original contract   | Requested scope of work change from SWBNO personnel.                                      |               |
| 1     |    | Exhibit 1D: Emergency temporary fluoride chemical feed system improvements at AWP  | Temporary Fluoride chemical feed system as requested by Operations.                       |               |
| 1     |    | Exhibit 1E: Algiers clarifiers 3 & 4 launder trough replacement  | Additional scope including launder trough replacement for Algiers Clarifiers 3 & 4.       |               |
| 1     |    | Exhibit 1F: Construction administration and inspection services for replacement of Algiers clarifiers 3 & 4 launder trough replacement | Construction Administration and Inspection of the above mentioned additional scope items. |               |



**"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21<sup>ST</sup> CENTURY"**

## **Sewerage & Water Board of NEW ORLEANS**

MITCHELL J. LANDRIEU, President  
WM. RAYMOND MANNING, President Pro-Tem

825 ST. JOSEPH STREET  
NEW ORLEANS, LA 70105 • 504-529-2837 OR 52W-ATER  
www.swbno.org

February 18, 2016

HNTB Corporation  
Att: Mr. Atri Sen  
10000 Perkins Rowe, Suite 640  
Baton Rouge, LA 70810

**REFERENCE: SWBNO PROFESSIONAL SERVICES AGREEMENT  
Engineering and Consulting Services for Algiers Water  
Purification**

### **NOTICE TO PROCEED**

Dear Mr. Sen:

Please consider this letter as your **(Notice to Proceed)** on the portions of additional scope items:

- Exhibit 1D: Emergency Temporary Fluoride Chemical Feed System Improvements at AWP.
- Exhibit 1E: Design for the Replacement of EIMCO No. 1 at AWP, Rapid Mix Structure, Permanent Fluoride Chemical Feed System, Various SCADA System Upgrades, and Replacement of Launder Troughs on EIMC Nos. 3 and 4 at Algiers Water Purification Plant.
- Exhibit 1F: Bidding Services, Construction Administration, and Resident Project Inspections Services.

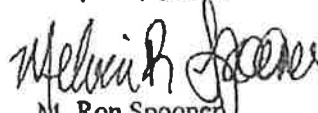
This scope of work is a modification to the original Arc Flask Analysis, Assessment of Storage Tank Mixing and Launder Trough Replacement agreement effective June 26, 2015. The fee for the remaining scope of work and additional scope to be performed shall not exceed the amount of \$1,148,260.

You must coordinate all activity associated with these portions of the contract through Mrs. Mary Dubourg, S&WB Project Manager at (504) 865 -- 0443. This contract is for two hundred forty (240) calendar days from the issuance of this work order and all work must be completed with that time frame.

Members of the Board: ALAN ARNOLD • ROBIN BARNES • MARION BRACY • DR. TAMIKA DUPLESSIS • SCOTT JACOBS • KERRI KANE  
MITCHELL J. LANDRIEU • WM. RAYMOND MANNING • JOSEPH PEYCHAUD • KIMBERLY THOMAS  
"An Equal Opportunity Employer"

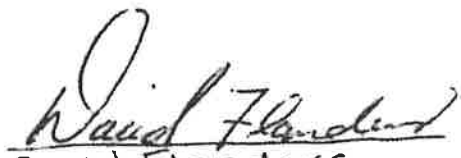
SWBNO Professional Services Agreement  
Engineering & Consulting Services for AWPP  
Feb. 18, 2016  
Page 2

Very truly yours,

  
M. Ron Spooner  
Chief of Engineering

MRS/MCD/awp

cc: J. Becker, Adams, R. Spooner, G. Belteau, M. Dubourg, V. Fouchi, H. Amini

  
David Flanders  
Vice President  
HNTB Corporation

# PROFESSIONAL SERVICES CONTRACT AMENDMENT ONLY

## 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  
HNTB - AES 2

**TITLE:** Engineering and Consulting Services for Algiers Water Purification Plant

**DATE :** 8/30/2016

**TO:** Attn: Mr. Atri Sen  
HNTB Corporation  
10000 Perkins Rowe, Suite 640  
Baton Rouge, LA 70810  
Phone: 225-368-2826

**ORIGINAL CONTRACT COMPLETION**  
**DATE :** 6/26/2015  
**FORECAST DATE OF SUBSTANTIAL**  
**COMPLETION OF CONTRACT:** 6/26/2017

### DESCRIPTION OF CHANGE

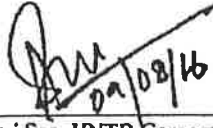
This AES task is associated with providing additional design and engineering services for the Algiers Water Purification Plant Clarifier No. 1 Replacement and Assessment of Storage Tank Mixing. Also, this AES is being written to add three hundred sixty five days to the contract period. The additional time requested is a result of project design scope changes.

| Item | AES Description                 | Quantity | Measurement | Net Amount  |
|------|---------------------------------|----------|-------------|-------------|
| 0001 | Design and Engineering Services | 1        | LS          | \$29,608.00 |
| 0002 | Contract Time Extension         | 365      | Days        | \$0.00      |

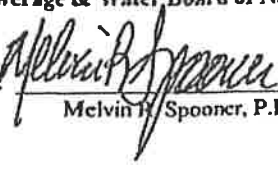
**Total:** \$29,608.00

|  |                |
|--|----------------|
| The Original Contract sum was                          | \$811,455.00   |
| Net Change by Previously Authorized AES tasks          | \$336,805.00   |
| The Contract Sum Prior to This Change Order was        | \$1,148,260.00 |
| The Contract Sum Will be Increased                     | \$29,608.00    |
| The New Contract Sum Including This Change Order       | \$1,177,868.00 |
| Forecasted Date of Construction Substantial Completion | 6/26/2017      |

**ACCEPTED:**  
Design Firm

By:   
Atri Sen, HNTB Corporation

Sewerage & Water Board of N.O.

By:   
Melvin R. Spooner, P.E.

Sewerage & Water Board of N.O.

By:   
Joseph R. Becker, P.E. / Bruce Adams, P.E.

09/16/2016

**SCOPE OF CHANGE No. 1  
AGREEMENT WITH HNTB  
CONTRACT AMENDMENT No. 2**

**ADDITIONAL ITEMS TO BE ADDED TO CONTRACT**

| AMS# | CN | Detailed Description                    | Fee          | Funding Source |
|------|----|---|--------------|----------------|
| 1    |    | Engineering and Design Services at AWFP | \$ 29,608.00 | CAP            |

**TOTAL \$ 29,608.00**

| CONTRACT DBE % |     |
|----------------|-----|
| Contract DBE%  | 35% |
| Current DBE%   | 35% |

| % OF ORIGINAL CONTRACT AMOUNT |              |
|-------------------------------|--------------|
| This Contract Amendment       | 3.6%         |
| Previous Contract Amendments  | 41.5%        |
| <b>TOTAL TO DATE</b>          | <b>45.2%</b> |

| CONTRACT AMOUNT                        |               |
|--|---------------|
| Original Contract Amount               | \$ 811,453.00 |
| Amount of Previous Contract Amendments | \$ 336,803.00 |
| Amount of this Contract Amendment      | \$ 29,608.00  |
| Contract Amendments to date            | \$ 366,413.00 |

|                                |                        |
|--------------------------------|------------------------|
| <b>REVISED CONTRACT AMOUNT</b> | <b>\$ 1,177,868.00</b> |
|--------------------------------|------------------------|

It is mutually agreed to perform and accept the above revision for ABS # 1 in accordance with the currently amended contract and the applicable specifications for the above price.

Proposed By:

  
Atri Sen, P.E.  
HNTB Corporation

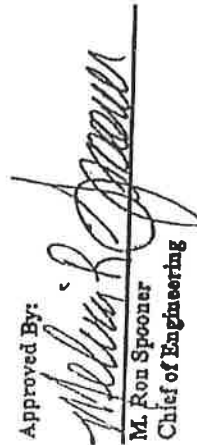
09/12/16  
Date

Recommended By:

  
Mary Debbour  
S&WB Project Manager

9/12/16  
Date

Approved By:

  
M. Ron Spooner  
Chief of Engineering

9/12/16  
Date

**SCOPE OF CHANGE No. 1  
CONTRACT AMENDMENT No. 2**

| AES # | CN | Description of Work                     | Reason For Work  | FEMA Eligible |
|-------|----|---|--|---------------|
| 1     | 0  | Engineering and Design Services at AWPP | Additional Design and Engineering Services for the Replacement of Algiers Water Purification Plant Improvements and Assessment of Storage Tank Molding | N/A           |





## SEWERAGE AND WATER BOARD

### Inter-Office Memorandum

**Date:** October 14, 2016

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

**To:** Bruce Adams, P.E.  
Deputy General Superintendent

**Re:** Amendment No. 3 to Agreement with HNTB

Enclosed please find a recommendation for approval of Contract Amendment No. 3 for the above captioned contract.

This Contract Amendment includes design and engineering services for the Algiers Water Purification Plant Improvements and Assessment Storage Tank Mixing for an amount not to exceed \$56,649. (see attached Scope of Change spreadsheet).

|   |                |
|---|----------------|
| Original Contract Amount:                         | \$811,455.00   |
| DBE Participation:                                | 35%            |
| Previous Contract Amendments Approved:            | \$366,413.00   |
| This Contract Amendment Amount:                   | \$56,649.00    |
| Total Cumulative Contract Amendment % of Original | 52.1%          |
| Contract:   |                |
| Total Cumulative Dollar Contract Amount:          | \$1,234,517.00 |

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

I concur:

*Bruce Adams*  
Bruce Adams, P.E.  
Deputy General Superintendent

Date:

*10/25/2016*

Cc:  
Rosetta Thomas, Finance Director  
Vincent Fouchi, Chief of Operations  
Alvin Porter, EDB  
Mary Duborug, Program Manager

Joseph Becker, General Superintendent  
Dexter Joseph, Budget 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  
HNTB - AES 3

**TITLE:** Engineering and Consulting Services for Algiers Water Purification Plant

**DATE :** 8/30/2016

**TO:** Attn: Mr. Atri Sen  
HNTB Corporation  
10000 Perkins Rowe, Suite 640  
Baton Rouge, LA 70810  
Phone: 225-368-2826

**ORIGINAL CONTRACT COMPLETION**  
**DATE :** 6/26/2015  
**FORECAST DATE OF SUBSTANTIAL**  
**COMPLETION OF CONTRACT:** 6/26/2017

### DESCRIPTION OF CHANGE

This AES task is associated with providing additional design and engineering services for the Algiers Water Purification Plant Clarifier No. 1 Replacement and Assessment of Storage Tank Mixing.

| Item | AES Description                 | Quantity | Measurement | Net Amount  |
|------|---------------------------------|----------|-------------|-------------|
| 0001 | Design and Engineering Services | 1        | LS          | \$56,649.00 |

**Total:** \$56,649.00

|  |                |
|--|----------------|
| The Original Contract sum was .....                          | \$811,455.00   |
| Net Change by Previously Authorized AES tasks .....          | \$366,413.00   |
| The Contract Sum Prior to This Change Order was .....        | \$1,177,868.00 |
| The Contract Sum Will be Increased .....                     | \$56,649.00    |
| The New Contract Sum Including This Change Order .....       | \$1,234,517.00 |
| Forecasted Date of Construction Substantial Completion ..... | 6/26/2017      |

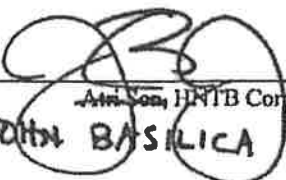
### ACCEPTED:

Design Firm

Sewerage & Water Board of N.O.

Sewerage & Water Board of N.O.

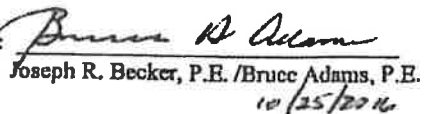
By:

  
Attn: Sen, HNTB Corporation  
JOHN BASILICA

By:

  
Melvin R. Spooner, P.E.

By:

  
Joseph R. Becker, P.E. / Bruce Adams, P.E.  
10/25/2016

**SCOPE OF CHANGE No. 1  
AGREEMENT WITH HNTB  
CONTRACT AMENDMENT No. 3**

**ADDITIONAL ITEMS TO BE ADDED TO CONTRACT**

| AES # | CN | Detailed Description                    | Fee          | Pending Source |
|-------|----|---|--------------|----------------|
| 3     |    | Engineering and Design Services at AWPP | \$ 56,649.00 | CAP            |

**TOTAL \$ 56,649.00**

| CONTRACT DBE % |     |
|----------------|-----|
| Contract DBE%  | 35% |
| Current DBE%   | 35% |

| % OF ORIGINAL CONTRACT AMOUNT |              |
|-------------------------------|--------------|
| This Contract Amendment       | 7.0%         |
| Previous Contract Amendments  | 45.2%        |
| <b>TOTAL TO DATE</b>          | <b>52.1%</b> |

| CONTRACT AMOUNT                        |               |
|--|---------------|
| Original Contract Amount               | \$ 811,455.00 |
| Amount of Previous Contract Amendments | \$ 366,413.00 |
| Amount of this Contract Amendment      | \$ 56,649.00  |
| Contract Amendments to date            | \$ 423,062.00 |

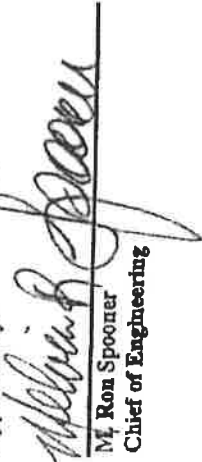
|                                |                        |
|--------------------------------|------------------------|
| <b>REVISED CONTRACT AMOUNT</b> | <b>\$ 1,234,517.00</b> |
|--------------------------------|------------------------|

It is mutually agreed to perform and accept the above revision for AES # 3 in accordance with the currently amended contract and the applicable specifications for the above price.

**Proposed By:**

  
HNTB Corporation

**Approved By:**

  
M. Ron Spooner  
Chief of Engineering

**Recommended By:**

  
Mary Dubourg  
S&WB Project Manager

10 OCT 16  
Date

10/18/16  
Date

10/19/16  
Date

**SCOPE OF CHANGE No. 1**  
**CONTRACT AMENDMENT No. 3**

| AES # | CN | Description of Work                     | Reason For Work   | FEMA Eligible |
|-------|----|---|---|---------------|
| 3     | 0  | Engineering and Design Services at AWPP | Additional Design and Engineering Services for the for the Replacement of Algiers Water Purification Plant Improvements and Assessment of Storage Tank Mixing | N/A           |

## Algiers Water Purification Plant Design Project – Supplement # 2

### Additional Scope Items Requested During 60% design Review Meeting

The scope items listed below were requested by SWBNO for consideration within the HNTB's Algiers Water Purification Plant Design project. The Item #s mirrors the 60% Design Review Meeting Minutes (DRAFT) distributed to SWBNO Project Team on 08/26/2016 (See Appendix A).

- D. At the 60% design review meeting on 08/11/2016, it was requested that Richard attend the 95% design review meeting tentatively scheduled for November 2nd in-person in lieu of remote WebEx participation as indicated in our original scope of work.
- F. Additional Design Items:
1. Replace 4 interior and 2 exterior man-way doors and frames in the Chemical Building where significantly corroded.
  2. Install new door, frame, and lintel for passage from the "main portion" of the Chemical Building to the area of the New Fluoride Room and New Future Chemical Room.
  3. Recycle Basin Level and Recycle Basin Effluent Flow Rate (Instantaneous and totalized) are two additional 4-20 mA signals to be included in the SCADA improvements.
  4. Addition of Clarifier Influent Valve pushbutton stations
    - i. Clarifier #2 – Limitorque valve actuator has an open/close, hand/off/auto pushbutton station in the Clarifier #2 Control Building near the flow readout.
    - ii. Clarifier #1 – Replaced Clarifier Influent Valve will require the same.
    - iii. Clarifier #3 – EIM Actuator is operable however operators must access actuator to operate valve
    - iv. Clarifier #4 – Limitorque Actuator is operable however operators must access actuator to operate valve
    - v. No work required for #2 and #1 will be addressed with Clarifier replacement.
    - vi. Clarifiers #3 and #4 need pushbutton stations in Control Building (preferred) or at least accessible from the ground.
  5. Additional Clarifier SCADA system improvements desired (feasibility to be explored)
    - vii. Sludge Draw-Off (D.O.) valve position
    - viii. Blow-Back (B.B.) valve position
    - ix. Turbine Drive RPM
    - x. Rake Drive Torque

Note 1: Clarifiers #3 and #4 pneumatic valves for D.O. and B.B are old Saunders valves without valve position indication. Including provisions for the signals when valves are replaced in the future (after Project) is desired.

Note 2: Rake Drive torque is only mechanical indication.
  6. Addition of Fluoride Analyzers for each Clarifier Effluent
  7. Replace the existing water quality instruments and FRP enclosure for Clarifier #2.
  8. Replace existing water quality instruments on Influent side of Clarifiers #2, #3, and #4 with new instruments and FRP enclosures so that all 4 will be the same. This item includes removal of influent water quality instruments currently installed in various Clarifier Control Buildings (on a temporary basis) and specifying that removed instruments are to be turned over to the S&WB.

Project Management: The addition of these scope items will add on to project duration and project management activities that will include coordination with the project team, scope-schedule-fee oversight, and project review meetings (not design).

Design Review Meetings: HNTB design staff will meet internally as needed over the extended schedule to ensure compliance with internal design review process and coordination.

### Schedule

The inclusion of the above task will result in extension of the current project end date of 11/15/2016 by one calendar month to 12/15/2016. All items mentioned above will be part of HNTB's 95% and 100% design deliverables to SWBNO.

### Additional Fee

The estimates NTE fee for this supplement is \$56,649. This includes all labor, travel, and direct (sub) expenses.

| Additional Scope Items  | Project Manager | Project Analyst | QA/QC       | Lead Process Engineer | Junior Engineer | Project Engineer | CAD         | ISC Engineer | Structural Engineer |
|---|-----------------|-----------------|-------------|-----------------------|-----------------|------------------|-------------|--------------|---------------------|
|   | \$195/ hour     | \$108/ hour     | \$232/ hour | \$191/ hour           | \$101/ hour     | \$122/ hour      | \$130/ hour | \$199/ hour  | \$221/ hour         |
| Project Management (1 added month)                              | 8               | 2               | 2           | 4                     |                 |                  |             |              |                     |
| Design Review Meetings (1 added month)                          | 4               |                 |             | 3                     | 3               | 2                |             |              |                     |
| D. Attend 95% Design Review Meeting and Site Visit              |                 |                 |             | 24                    |                 | 18               | 24          |              |                     |
| F.1: Replace 4 interior and 2 exterior doors in Chemical Bldg   | 2               |                 |             | 4                     |                 | 4                | 8           |              | 8                   |
| F.2: New door and frame in Chemical Bldg hallway                | 2               |                 |             | 4                     |                 |                  |             |              |                     |
| F.3: Recycle basin level and flow rate signals to SCADA         | 2               |                 |             | 4                     |                 |                  |             | 2            |                     |
| F.4: Add Clarifier influent valve push button stations          | 2               |                 |             | 4                     |                 |                  |             | 2            |                     |
| F.5: Additional Clarifier SCADA Improvements                    | 2               |                 |             | 4                     |                 |                  |             | 4            |                     |
| F.6: Add fluoride analyzers for 4 clarifiers                    | 2               |                 |             | 4                     | 6               | 6                |             | 4            |                     |
| F.7: Replace water quality instruments for Clarifier 2 effluent | 2               |                 |             | 4                     |                 | 8                | 8           | 4            |                     |
| F.8: Replace influent water quality instruments                 | 2               |                 |             | 4                     | 16              |                  | 24          | 4            |                     |
| <b>Total Labor Hours</b>  | <b>28</b>       | <b>2</b>        | <b>2</b>    | <b>63</b>             | <b>26</b>       | <b>34</b>        | <b>62</b>   | <b>20</b>    | <b>8</b>            |
| Estimated NTE Fee (loaded) by Staff Category                    | \$5,480         | \$212           | \$464       | \$13,179              | \$3,131         | \$4,148          | \$8,060     | \$3,980      | \$1,768             |
| <b>Total NTE HNTB Labor</b>                                     |                 |                 |             |                       |                 |                  |             |              | <b>\$38,650.00</b>  |
| <b>Total Direct Expense (Infinity- DBE Sub-Consultant)</b>      |                 |                 |             |                       |                 |                  |             |              | <b>\$15,999.00</b>  |
| <b>HNTB Travel Expenses</b>                                     |                 |                 |             |                       |                 |                  |             |              | <b>\$2,000.00</b>   |
| <b>Total HNTB FEE</b>   |                 |                 |             |                       |                 |                  |             |              | <b>\$56,649.00</b>  |

**Appendix A:**

August 11 2016 Meeting Minutes - Algiers 60% Design-DRAFT.pdf



## MEETING NOTES

August 26, 2016

### **SWBNO Project No. 1389 Algiers Water Plant Improvements Project 60% Design Review Meeting of August 11, 2016**

**Location:** Engineering Building, Chief's Conference Room, Carrollton WPP, New Orleans, LA

**Attendees:** Mary Dubourg, SWBNO Project Manager  
Chad Lavoie, SWBNO Water Purification Superintendent  
Vincent Fouchi, SWBNO Chief of Operations  
Bill Keck, SWBNO Civil Engineer  
James Vincent, Jr., SWBNO Electrical Engineer  
Chris Bergeron, SWBNO Mechanical Engineer  
Kerry Foret, SWBNO Algiers WPP  
Atri Sen, HNTB Project Manager  
Richard Claus, HNTB Lead Process Engineer  
Gregory Lintinger, Infinity Engineering Electrical/I&C

#### **I. Introductions and Sign-in Sheet**

Sign-in Sheet for the August 11, 2016 Meeting is attached.

#### **II. Algiers WPP Improvements Project – 60% Design Review**

**A. Drawings -** The 60% complete level design drawings were distributed on July 15 for review and comment. Major review comments received at the Meeting and other significant items discussed are included below. Additionally, the attached sheet of S&WB Civil Engineering review comments on the 60% design drawing set were received from Bill Keck.

##### **1. Areas 1 (General) and 2 (Site)**

- a. It was requested that HNTB Drawing Sheet Nos. (1G2, 1S1, etc.) also be placed in the title block box that currently includes a "Preliminary Not For Construction" stamp. Engineering stamps would then be included above the drawing sheet number box.
- b. An additional back flow preventer needs to be replaced. It is located at River Station No. 2 and serves the carbon feed facilities.
- c. Reference sheets 1I3.1 through 1I3.7 (prior project P&IDs) and 1I5.1 through 1I5.12 (filter loop drawings – Bailey System) may not be needed based on HNTB and Infinity field investigations prior to the Meeting.





2. Area 3 (Clarifier No. 1)
  - a. The S&WB plans to have the below slab Clarifier No. 1 piping from the sludge well to the Clarifier sludge hopper cleaned out and CCTV inspected.
  - b. A Magmeter is preferred for the 24-inch influent line in lieu of a Venturi flow meter.
  - c. A valve schedule for Clarifier No. 1 sludge station will be included on Sheet 3M3.
  - d. Clarifier drain pump will have start-stop pushbutton station near the pump (similar to existing) and float switches will be installed in the wetwell for low level pump shutoff and high level alarm.
  - e. The sheet titles for drawings 3M3 and 3E4 need to include "Clarifier No. 1".
  - f. On 3S1, symbols for new piles and existing piles need more differentiation.
3. Areas 4 (Clarifier No. 2) and 5 (Clarifier Nos. 3 and 4)
  - a. On Sheet 4D1 Demolition Perspective view and Sheet 5D1 section A, features not to be removed should not be shaded.
  - b. On Sheets 4E2 and 5E2, submersible cables specified with the chemical induction mixers will be routed through conduit, below grating and around walkways, to terminate in the Mixer Control Panels. A junction box between mixer and control panel will not be required and Meltric quick disconnects will not be included. The mixer manufacturer control panel will be specified with an exterior power disconnect.
  - c. On Sheet 5M3, the noted mounting angles will be depicted in Sections A and B.
4. Area 6 (Chemical Building)
  - a. Doors into new Fluoride room and the Future Chemical room should be FRP.
  - b. Bulk tank ladders are to be FRP, not aluminum, and ladders should be noted as not shown in all views.---
  - c. Chemical containment coatings will be specified for the exterior bulk tank area and the interior Day Tank and metering pump containment area.
  - d. On 6M2, the transfer fill line will be raised above the level of the bulk tanks, bulk tank dimensions will be confirmed, and the air line will be routed across the bottom of the trench instead of across the trench as currently shown.
  - e. On 6M3, add magnetic flow meters on fluoride discharge to each Clarifier.
  - f. Sheets 6M4 and 6M5, hot water line in attic space is to be insulated copper, not CPVC, and 6M4 need not show all process piping on plumbing plan.
5. Areas 7, 8, and 9 (SCADA Improvements and Miscellaneous Details)
  - a. On August 10, a sketch of the installed Sodium Hypochlorite Feed System was drafted. The sketch will be developed into a P&ID of the system.
  - b. At Carrollton WPP (CWPP), ammonia control valves are step-type motor actuated valves manufactured by Haas. Supplier contact information was received and on August 12 nameplate data and photos of the CWP ammonia CVs were obtained.
  - c. On Sheets 9R1, 9R2 and 9R3, the note for new work should be bolder and clouded.
  - d. Sheet 9R3 needs a sheet title revision correlating to the reference sheet title.



- B. **Specifications** – After the Meeting, Mary sent to HNTB a list of seven specification review comments from Vincent. Item Nos. 5 and 6 of the 7 total comments are included as the last two items listed below under F. Potential Additional Scope Items Requested.

Since submitting the 60% documents for review, S&WB front-end specifications were received in “newer” 6-digit format. The project specifications will be converted to six-digit format.

Regarding equipment items where the S&WB may want to limit manufacturers so that new equipment may be consistent with other S&WB equipment, HNTB will generate an initial list of such items for S&WB consideration and comment.

- C. **Survey Results and Implications** – An 11x17 survey results handout was reviewed and discussed.
- D. **Updated Design Completion Schedule** - The attached updated design schedule was distributed and discussed. It was requested that Richard attend the 95% design review meeting tentatively scheduled for November 2 in-person (in lieu of remote WebEx participation as planned).
- E. **Discussion of Additional Scope Items (Added Prior to 60% Milestone)**

1. **Raw Water Main Valve and “Dump Valve” Provisions along Elmira Ave.**
  - a. The 30-inch valve should be a plug valve (in lieu of a gate valve). The S&WB has experienced issues with river mud collecting in gate valve seats for raw water.
  - b. Valve vault is to be provided allowing access to maintain the valve gear box. Vault cover should be removable to allow for future valve replacement if needed.
  - c. Richard described a potential means of providing a dump valve and raw water main flushing connection without installing a cross connection between raw water and drain. Richard is to contact Brian Jones of the S&WB Networks Department to discuss the concept further.
2. **High Service Main Valve along De Armas Street**
  - a. Valve to be installed is 36-inch (not 30-inch) as confirmed by Joe Ladek and the New High Lift Pump Station (No. 2) record drawings.
  - b. Valve is to be a butterfly valve (not a gate valve) since it is needed for emergency closure as confirmed with Joe Ladek on August 12.
  - c. Valve vault is to be provided allowing access to maintain the valve gear box. Vault cover should be removable to allow for future valve replacement if needed.
3. **Removal of Building Enclosure around Caustic Tank to be removed**
  - a. The brick façade around the lower portion of the exterior Chemical Building walls is not continuous where the 3-sided enclosure will be removed.



- b. It was decided that brick removed from the 3-sided structure will be salvaged and used to complete the brick façade and that bent stainless steel will be used to cover the two enclosure wall cuts above the brick façade.

**F. Potential Additional Scope Items Requested During the 60% Review Meeting – HNTB** plans to proceed with the following additional scope items to include them in the 95% design review set without delaying the schedule for their inclusion. In parallel, HNTB will develop a scope and fee estimate for these items for S&WB review.

1. Replace 4 interior and 2 exterior manway doors and frames in the Chemical Building where significantly corroded.
2. Install new door, frame, and lintel for passage from the "main portion" of the Chemical Building to the area of the New Fluoride Room and New Future Chemical Room.
3. Recycle Basin Level and Recycle Basin Effluent Flow Rate (instantaneous and totalized) are two additional 4-20 mA signals to be included in the SCADA improvements.
4. Addition of Clarifier Influent Valve pushbutton stations:
  - a. Clarifier #2 – Limitorque valve actuator has an open/close, hand/off/auto pushbutton station in the Clarifier #2 Control Building near the flow readout.
  - b. Clarifier #1 – Replaced Clarifier Influent Valve will require the same.
  - c. Clarifier #3 – EIM Actuator is operable however operators must access actuator to operate valve.
  - d. Clarifier #4 – Limitorque Actuator is operable however operators must access actuator to operate valve.
  - e. No work required for #2 and #1 will be addressed with Clarifier replacement.
  - f. Clarifiers #3 and #4 need pushbutton stations in Control Building (preferred) or at least accessible from the ground.
5. Additional Clarifier SCADA system improvements desired (feasibility to be explored)
  - a. Sludge Draw-Off (D.O.) valve position
  - b. Blow-Back (B.B.) valve position
  - c. Turbine Drive RPM
  - d. Rake Drive Torque

*Note 1:* Clarifiers #3 and #4 pneumatic valves for D.O. and B.B are old Saunders valves without valve position indication. Including provisions for the signals when valves are replaced in the future (after Project) is desired.

*Note 2:* Rake Drive torque is only mechanical indication.
6. Addition of Fluoride Analyzers for each Clarifier Effluent.
7. Replace the existing water quality instruments and FRP enclosure for Clarifier #2.
8. Replace existing water quality (WQ) instruments on influent side of Clarifiers #2, #3, and #4 with new instruments and FRP enclosures so that all 4 will be the same. This item includes removal of influent WQ instruments currently installed in various Clarifier Control Buildings (on a temporary basis).



**G. Information Request**

1. Algiers Contract 1244 Ammonia Building 11781 W-41 (all 23 sheets).
2. River Station No.2 drawings to identify 2-inch back flow preventer serving the carbon feed facilities that needs to be replaced.
3. Drawing/Sketch from Harry in the I&C Shop on wiring of Algiers Filter Effluent Flow and Loss of Head instrumentation installed by the S&WB.
4. Any drawings that William in Engineering may have on the Algiers Ammoniator System.

**III. Storage Tank Mixing Assessment**

**A. Review Comments on Draft Report**

**B. Carrollton Vertical Turbine Pumps (VTPs) to fill storage tanks**

1. On August 12, Mary assisted Richard in obtaining operator logs for both the Old and New VTPs that include typical operating speed settings and corresponding RPMs.
2. Eight days of hourly storage tank level data (corresponding to days of VTP logs) were also obtained.
3. HNTB will review this information and respond to the S&WB with findings.

**C. Algiers Elevated Storage Tank CFD Modeling**

1. Tideflex system modeling is complete.
2. Pulsair or EnviroMix CFD modeling has encountered complications that HNTB is continuing to work through.

**IV. Temporary Fluoride System Improvements (Figures 1-4 dated May 2, 2016) - S&WB is progressing with implementation.**

This is our understanding of items discussed and decisions reached. Please contact us if there are changes or additions.

Submitted by,

HNTB CORPORATION

Richard C. Claus, PE, BCEE

HNTB Lead Process Engineer

**Distribution:** All Meeting Attendees

**Attachments:** SWB Civil Engineering Review Comments on Algiers WPP Improvements 60% Design  
Updated Algiers WPP Improvements Design Schedule dated August 5, 2016



# 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        |
| <b>Total:</b> |   |          |             | <b>\$881,494.00</b> |

|  |                |
|--|----------------|
| 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: John J. Kellerman

By: Melvin R. Spooner

By: Bruce Adams

John J. Kellerman, HNTB Corporation

Melvin R. Spooner, P.E.

Bruce Adams, P.E.

JANIEL 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   | \$ 70,085.00  | CAP            |
| 4    |    | Supplemental Scope 1F: Re-bidding Services for Contract 1404; Additional Construction, Administration, and Inspection for Contract 1404; Aljara Water Purification Plant Improvements | \$ 439,705.00 | CAP            |

TOTAL \$ 881,494.00

| CONTRACT DBE % |     |
|----------------|-----|
| Current DBE%   | 35% |
| Current DBE%   | 35% |

| % OF ORIGINAL CONTRACT AMOUNT |        |
|-------------------------------|--------|
| This Contract Amendment       | 108.6% |
| Previous Contract Amendments  | 52.1%  |
| TOTAL TO DATE                 | 160.7% |

| CONTRACT AMOUNT                        |             |
|--|-------------|
| Original Contract Amount               | \$811,455   |
| Amount of Previous Contract Amendments | \$423,862   |
| Amount of this Contract Amendment      | \$581,494   |
| Contract Amendments to date            | \$1,304,556 |

|                         |             |
|-------------------------|-------------|
| REVISED CONTRACT AMOUNT | \$2,116,011 |
|-------------------------|-------------|

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. Kelleman*  
Daniel J. Kelleman  
HNTB Corporation

3/7/18  
Date

Recommended By:

*Rebecca Denny*  
Rebecca Denny  
S&WB Project Manager

3/11/18  
Date

Approved By:

*Melvin R. Spooner*  
Melvin R. Spooner  
Chief of Engineering

3/8/18  
Date



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

| APS # | 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; Aligars 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 & 1 team members on site and meeting frequency increasing.                          |               |

**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 arc 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 replacement 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 21, 2018.

\_\_\_\_\_  
BRUCE 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 VEOLIA WATER NORTH AMERICA, LLC FOR CAPITAL PROGRAM MANAGEMENT (CPM) SERVICES**

**WHEREAS**, on November 3, 2015 the Sewerage and Water Board of New Orleans (Board) awarded a contract in the amount of \$1,406,985.00 to Veolia Water North America, LLC to perform construction phase services at the East and West Bank Wastewater Treatment Plants for an initial two year period with five, 1-year extensions; and

**WHEREAS**, on November 13, 2017, the Sewerage and Water Board of New Orleans agreed to extend their agreement from November 2017 to October 2018 to perform construction phase services at the East and West Bank Wastewater Treatment Plants for an amount of \$985,826.00 ; and

**WHEREAS**, Veolia Water North America, LLC is requesting a one year contract extension for Capital Program Management at the East and West Bank Wastewater Treatment Plants; and

**WHEREAS**, the Board recommends awarding Veolia Water North America, LLC with a one year contract extension because of the many ongoing rehabilitation projects at the East and West Bank Wastewater Treatment Plants, and

**WHEREAS**, this contract amendment in the amount of \$1,079,132.00, brings the total authorized contract amount for construction phase services to \$3,471,943.00, or 146 % of the original Contract value, and

**NOW THEREFORE BE IT RESOLVED**, that approval of Contract Amendment No. 2 for Veolia Water North America, LLC is ratified by the Sewerage and Water Board of New Orleans.

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I, Ghassan Korban, Executive Director,  
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 October 17, 2018.

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GHASSAN KORBAN, EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

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**Date:** September 6, 2018

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

**To:** Executive Director's Office

**Re:** **Contract Amendment No. 2 – Veolia Capital Program Management (CPM) Contract Extension**

Attached please find a letter from the Chief of Operations, recommending approval of Amendment No. 2 to the existing Agreement with Veolia Water North America.

This request in the amount of \$1,079,132.00 is for a one year contract extension from November 2018 – October 2019. On November 3, 2015 the Sewerage and Water Board of New Orleans awarded a contract in the amount of \$1,406,985.00 to Veolia Water North America, LLC to perform construction phase services at the East and West Bank Wastewater Treatment Plants for an initial two year period with five, 1-year extensions. One previous 1- year contract extension was approved for \$985,826.00. The current term of the Contract for Professional Services by Veolia Water North America, LLC will expire on November 2, 2018. Veolia Water North America, LLC is requesting a one year contract extension for Capital Program Management at the East and West Bank Wastewater Treatment Plants. The Board recommends awarding Veolia Water North America, LLC with a one year contract extension because of the many ongoing rehabilitation projects at the East and West Bank Wastewater Treatment Plants. The required DBE participation goal on this contract is 35% percent and 35% DBE participation has been achieved to date. This Contract Amendment request brings the cumulative total of Contract Amendments to \$2,064,958.00.

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  
Felicia Bergeron, PM



## SEWERAGE AND WATER BOARD

### Inter-Office Memorandum

**Date:** September 25, 2018

**From:** Eric Labat  
*for* Chief of Operations

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

**Re:** Amendment No. 2 to Agreement with Veolia Water North America

Enclosed please find a recommendation for approval of Contract Amendment No. 2 for the above captioned contract.

This Contract Amendment includes design and engineering services for a 1-year contract extension for Capital Program Management (CPM) Services at the EBWWTP for an amount of \$1,079,132.00. Veolia Water North America, LLC is requesting a one year contract extension for Capital Program Management at the East and West Bank Wastewater Treatment Plants. The Board recommends awarding Veolia Water North America, LLC with a one year contract extension because of the many ongoing rehabilitation projects at the East and West Bank Wastewater Treatment Plants (see attached Scope of Change spreadsheet).

|   |                |
|---|----------------|
| Original Contract Amount:                                   | \$1,406,985.00 |
| DBE Participation:  | 35%            |
| Previous Contract Amendments Approved:                      | \$985,826.00   |
| This Contract Amendment Amount:                             | \$1,079,132.00 |
| Total Cumulative Contract Amendment % of Original Contract: | 146.8%         |
| Total Cumulative Dollar Contract Amount:                    | \$3,471,943.00 |

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

I concur:

*Bruce H. Adams*  
Bruce H. Adams, P.E.  
Interim General Superintendent

Date: 10/01/2018

Cc:

Rosetta Thomas, Finance Director  
Ron Spooner, Chief of Engineering  
Felicia Bergeron, Program Manager

# Sewerage & Water Board of N.O.

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

Additional Engineering Services

Veolia Water North America, LLC

Veolia - AES 2

**TITLE:** Services During Construction

**PROJECT:** Veolia Capital Program Management (CPM)

**DATE :** 9/6/2018

**JOB :** C1349XXX

**CONTRACT NO. :** 30110.

**TO:** Attn: Richard Leidy  
Veolia Water North America, LLC  
6501 Florida Ave  
New Orleans LA 70117  
Phone: 504-275-8591

30108, 30106,  
and 3799

## DESCRIPTION OF CHANGE

This AES task is associated with providing a one year extension for additional construction management services permitted under the original agreement. It is favorable to extend Veolia's CPM Contract for one year based on the many ongoing rehabilitation projects at the East and West Bank Wastewater Treatment Plant. See attached backup.

| Item          | AES Description              | Quantity | Measurement | Net Amount            |
|---------------|------------------------------|----------|-------------|-----------------------|
| 0001          | 2018-2019 Contract Extension | 1        | LS          | \$1,079,132.00        |
| <b>Total:</b> |                              |          |             | <b>\$1,079,132.00</b> |

|  |                |
|--|----------------|
| The Original Contract sum was                    | \$1,406,985.00 |
| Net Change by Previously Authorized AES tasks    | \$985,826.00   |
| The Contract Sum Prior to This Change Order was  | \$2,392,811.00 |
| The Contract Sum Will be Increased               | \$1,079,132.00 |
| The New Contract Sum Including This Change Order | \$3,471,943.00 |

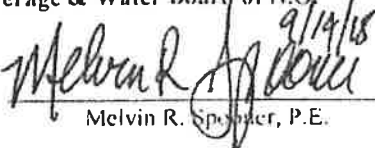
## ACCEPTED:


Design Firm

Sewerage & Water Board of N.O.

Sewerage & Water Board of N.O.

By:   
Richard Leidy, PE

By:   
Melvin R. Spooner, P.E.

By:   
Bruce H. Adams, P.E. 10/01/2018

SCOPE OF CHANGE No. 1  
VEOLIA CAPITAL PROGRAM MANAGEMENT  
CONTRACT 30110, 30106, 3799, AND 30108  
VEOLIA WATER NORTH AMERICA, LLC  
CONTRACT AMENDMENT No. 2

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

| AES # | Contract | Detailed Description                               | Fee             | Funding Source |
|-------|----------|--|-----------------|----------------|
| 1     |          | Contract Extension for November 2018- October 2019 | \$ 1,079,132.00 | CAP            |

TOTAL \$ 1,079,132.00

|                 |     |
|-----------------|-----|
| CONTRACT DBE %  |     |
| Contract DBE%   | 35% |
| Forecasted DBE% | 35% |


|   |                 |
|---|-----------------|
| CONTRACT AMOUNT                         |                 |
| Original Contract Amount:               | \$ 1,406,985.00 |
| Amount of Previous Contract Amendments: | \$ 985,826.00   |
| Amount of this Contract Amendment:      | \$ 1,079,132.00 |
| Contract Amendments to date:            | \$ 2,064,958.00 |

|                               |        |
|-------------------------------|--------|
| % OF ORIGINAL CONTRACT AMOUNT |        |
| This Contract Amendment       | 76.7%  |
| Previous Contract Amendments  | 70.1%  |
| TOTAL TO DATE                 | 146.8% |


REVISED CONTRACT AMOUNT \$ 3,471,943.00

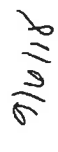
It is mutually agreed to perform and accept the above revisions for AES # 1 in accordance with the currently amended contract and the applicable specifications for the above price.

Proposed By:

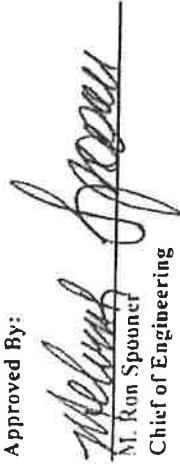
  
Richard Leidy  
Veolia Water North America, LLC

Recommended By:

  
Felicia Bergeron  
S&WB Project Manager

  
Date

Approved By:

  
M. Ron Spooner  
Chief of Engineering

  
Date

SCOPE OF CHANGE No. 1  
 CONTRACT 30110, 30106, 3799, AND 30108  
 CONTRACT AMENDMENT No. 2  
 VEOLIA WATER NORTH AMERICA, LLC

| AES # | CN | Description of Work                                | Reason For Work  | FEMA Eligible |
|-------|----|--|--|---------------|
| 1     | 0  | Contract Extension for November 2018- October 2019 | It is favorable to extend Veolia's CPM Contract for one year based on the many ongoing rehabilitation projects at the East and West Bank Wastewater Treatment Plant. | NO            |





August 22, 2018

Felicia Bergeron  
New Orleans Sewerage & Water Board  
8800 S. Claiborne Avenue  
New Orleans, LA 70127

Re: Request for Contract Extension, Professional Services Agreement

Ms. Bergeron,

Under our current contract, the Veolia Capital Program Management (CPM) group has provided Professional Services to complement the S&WB staff to execute a wide range of important projects on behalf of the Sewerage & Water Board. These services include acting as the owner's representative and construction manager on specific listed projects and also on additional capital projects per the Ten Year Capital Improvement Plan for the East and West Bank Waste Water Treatment Plants in New Orleans. During this third year of the contract, some major accomplishments have included:

- Completed the installation of the Electrical Improvements to the Effluent Pump House, which includes five new pump motors, their VFDs, the 2400 Volt switchgear, and a new T5 transformer. (Electrical Improvements Phase 1).
- Completed the replacement of the underground RAS pipeline from the south pump house.
- Completed the design of Phase 2 Electrical Improvements at the East Bank Plant to be installed late this year and into 2019.
- The ongoing rehabilitation program for the East Bank Plant's seven clarifiers (Clarifier #8 is in progress, the second one to be repaired).
- The ongoing design, procurement and installation of the new Sludge Dryer to use waste heat from the incinerator.
- The Cleaning of Bio-reactor Train #4 in preparation to place it on line with new mixers to be purchased next year.
- The Rehabilitation of the West Bank's Primary Clarifier #2.

The current one year term extension of the original two year Contract for Professional Services being provided by the Veolia CPM group to the Sewerage & Water Board will expire on November 2<sup>nd</sup>, 2018. One year extensions are permitted under the terms of Contract. Please consider this request for the amendment of the contract to provide such an extension for another year, until November 2<sup>nd</sup> 2019.

The applicable Contract paragraph is section V as stated:

V. **DURATION AND TERMINATION.**

- A. Initial Term. The initial term of this Agreement is two (2) years from the Effective Date.
- B. Extension. The Board may extend the term this Agreement for no more than five (5) one year periods pursuant to validly executed amendments, provided that: any extension of this

*Agreement is subject to and contingent upon the encumbrance of funds; the Board determines that the extension facilitates the continuity of services provided under this Agreement; and*

Attached is an amended "Exhibit A, Task Order Description" which lists the major projects already completed under, and those added to, our Task Order under the Ten Year Capital Improvement Plan; and also the amended "Exhibit B, Scope of Work" which highlights those 'scope of work' items which can be performed by a DBE Construction Inspector. Additionally, the 'Scope of Work, Task 1, Item 3' allows for design work to be subcontracted by Veolia; and in fact, Veolia has sub-contracted 15 project designs and engineering studies to date, all to DBE engineering firms. The amended "Exhibit A" highlights, and the cost summary also lists, those future 2019 capital projects for which DBE engineering firms will be engaged for anticipated design work and RFP preparation.

Also, attached is an updated cost and hour summary in the same format as provided with previous extension request showing the projects and their projected hours, including DBE participation.

Please respond at your earliest convenience with your approval of this extension such that I may advise our legal department to proceed with the drafting of an amendment to our contract.

Veolia thanks the Sewerage & Water Board for this opportunity and looks forward to continuing success under the Contract.



Richard Leidy, P.E.  
Capital Project Manager / Facility Engineer NOLA WWTPs  
Veolia Water North America - South LLC  
6501 Florida Avenue, New Orleans, LA 70117  
504-275-8591 (cell)  
Richard.Leidy@Veolia.com



**EAST & WEST BANK WWTPs - New Orleans, LA**  
**Professional Services - Veolia CPM Fees - Budget Summary**  
**2nd One Year Contract Extension, November 2018 thru October 2019**

| Service Fee Parameter                            | Existing Contract & Amendment<br>thru Oct 2018   |   | Contract Amendment<br>Budget 2019 |                                |
|--|--|---|-----------------------------------|--------------------------------|
|  | 2015-18 Contract<br>Total Approved<br>Previously | 2018<br>One Year<br>Amendment<br>(Included) | 2018-19<br>Amendment<br>Proposed  | Total<br>Budget for<br>4 years |
| <b>Labor hours</b>                               | <b>Nov15-Oct18</b>                               | <b>Nov17-Oct18</b>                          | <b>Nov18-Oct19</b>                |                                |
| <b>Richard Leidy (Full time Program Manager)</b> |  |   |                                   |                                |
| BISI 3799 / 30108                                | 1,560  | 520   | 400                               | 1,960                          |
| Eff. Pump House Elect #30100 *                   | 1,190  | 150   | 0                                 | 1,190                          |
| Electrical Impr. Phase 2 #30110                  | 360  | 360   | 350                               | 710                            |
| Clarifiers' Rehabilitation                       | 150  | 150   | 150                               | 300                            |
| Rehab Train #4 (#30106 & continuing)             | 200  | 200   | 200                               | 400                            |
| Elect. Impr. Phase 3 - Design                    | 80   | 80  | 150                               | 230                            |
| All Other misc projects                          | 1,292  | 460   | 670                               | 1,962                          |
| Previously completed Projects                    | 1,248  | 150   | 0                                 | 1,248                          |
| Rich Leidy - All Capital Projects                | 6,080  | 1,920                                       | 1,920                             | 8,000                          |
| Rich Leidy Rate (\$/Hr)                          |  | \$205.60                                    | \$215.88                          |                                |
| Rich Leidy Cost (\$)                             | \$1,207,118                                      | \$394,752                                   | \$414,490                         | \$1,621,608                    |
| <b>Tim Muirhead (Technical if needed)</b>        |  |   |                                   |                                |
| BISI Sludge Dryer - 30108                        | 272  | 0   | 0                                 | 272                            |
| T.Muirhead Rate (\$/hr)                          |  | \$250.69                                    | \$263.22                          |                                |
| T.Muirhead Cost (\$)                             | \$64,634   | \$0   | \$0                               | \$64,634                       |
| <b>Veolia Construction Mgr / Admin Support</b>   |  |   |                                   |                                |
| BISI Sludge Dryer 3799 / 30108                   | 1,012  | 210   | 200                               | 1212                           |
| Effluent Pump House Elect #30100 *               | 902  | 100   |                                   | 902                            |
| Electrical Improvement Phase 2 #30110            | 150  | 150   | 200                               | 350                            |
| Clarifiers' Rehabilitation (continuing)          | 130  | 130   | 150                               | 280                            |
| Rehab Train #4 (#30106 & continuing)             | 100  | 100   | 150                               | 250                            |
| Rehab West Bank Primary Clarifier #2 *           | 60   | 60  | 0                                 | 60                             |
| Replace South RAS Pipeline *                     | 60   | 60  | 0                                 | 60                             |
| All Other misc projects                          | 497  | 150   | 440                               | 937                            |
| Previously completed Projects (2015-'16)         | 967  | 0   | 0                                 | 967                            |
| Total Veolia Support hours                       | 3,878  | 960   | 1140                              | 5018                           |
| \$ Rate / Hr                                     |  | \$191.28                                    | \$200.84                          |                                |
| Cost   | \$713,614  | \$183,629                                   | \$228,958                         | \$942,572                      |



**EAST & WEST BANK WWTPs - New Orleans, LA**  
**Professional Services - Veolia CPM Fees - Budget Summary**  
**2nd One Year Contract Extension, November 2018 thru October 2019**

| Service Fee Parameter                                  | Existing Contract & Amendment<br>thru Oct 2018   |   | Contract Amendment<br>Budget 2019 |                                |
|--|--|---|-----------------------------------|--------------------------------|
|  | 2015-18 Contract<br>Total Approved<br>Previously | 2018<br>One Year<br>Amendment<br>(Included) | 2018-19<br>Amendment<br>Proposed  | Total<br>Budget for<br>4 years |
| Labor hours  | Nov15-Oct18                                      | Nov17-Oct18                                 | Nov18-Oct19                       |                                |
| <b>DBE Construction Inspection support - Mentoring</b> |  |   |                                   |                                |
| BISI Sludge Dryer - 30108                              | 360  | 360   | 400                               | 760                            |
| Eff. Pump House Elect #30100 *                         | 52   | 52  |                                   | 52                             |
| Electrical Impr. Phase 2 #30110 **                     | 52   | 52  | 200                               | 252                            |
| Clarifiers' Rehabilitation (continuing)                | 360  | 360   | 300                               | 660                            |
| Rehab Train #4 (#30106 & continuing)                   | 270  | 270   | 200                               | 470                            |
| All Other misc projects                                | 550  | 550   | 820                               | 1,370                          |
| Previously completed Projects                          | 316  | 316   | 0                                 | 316                            |
| DBE Total Hours  | 1,960  | 1,960                                       | 1,920                             | 3,880                          |
| DBE Avg \$ Rate / Hour                                 |  | \$117.50                                    | \$121.80                          |                                |
| DBE CI support Cost                                    | \$230,300  | \$230,300                                   | \$233,856                         | \$464,156                      |
| <b>DBE Design Work Anticipated:</b>                    |  |   |                                   |                                |
| East Bank Plant SCADA Project Design                   | \$50,000   | \$50,000                                    | \$50,000                          | \$100,000                      |
| Prepare RFP - Train #4 Replace Mixers                  | \$15,000   | \$15,000                                    |                                   | \$15,000                       |
| Prepare RFP - Plants' SCADA replacement                | \$38,000   | \$38,000                                    | \$35,000                          | \$73,000                       |
| Prepare RFP - Rehab WB Gravity Thickener               | \$21,000   | \$21,000                                    | \$0                               | \$21,000                       |
| Prepare design for scum handling system                |  |   | \$30,000                          | \$30,000                       |
| Prepare RFP to rehab of Grit basins #1 & #2            |  |   | \$30,000                          | \$30,000                       |
|  |  |   |                                   | \$0                            |
| Total DBE Participation                                | \$354,300  | \$354,300                                   | \$378,856                         | \$269,000                      |
| DBE support % of Total Cost                            | 35.0%  | 35.9%                                       | 35.1%                             |                                |
| <b>Basis of Fees</b>                                   |  |   |                                   |                                |
| Veolia OH&P on DBE (%)                                 | \$53,145   | \$53,145                                    | \$56,828.40                       | \$109,973                      |
| <b>Veolia CPM Services</b>                             | <b>\$2,392,811</b>                               | <b>\$985,826</b>                            | <b>\$1,079,132</b>                | <b>\$3,471,943</b>             |

\* Completed in previous years (2018)

\*\* Large electrical projects will have electrical installation inspections done by SW&B contracted design engineers per their contracts. Hours shown are for general work scope completion inspections and Construction Admin support.

Hourly Rates for the contract extension have 5% escalation from previous year (DBE 3%)

## **EXHIBIT "A"**

### **TASK ORDER DESCRIPTION (Amended 2)**

#### **Completed and Active Capital Projects:**

##### **1. Bio-solids Incineration System Improvements (Contracts 3798, 3799, 30108)**

The overall scope of this project is to combine and fully integrate the needed air emissions treatment upgrades of the Fluidized Bed Incinerator (FBI) with the addition of a bio-solids dryer unit which can function in a dual mode of primarily moisture scalping for supporting the FBI and secondarily, intermittent partial drying when the FBI is not in service. The priority focus of the BISI project is the regulatory driver for air emissions compliance, which was installed and operational by the EPA deadline of March 21<sup>st</sup>, 2017.

Veolia continues to provide the Design/Pre-Construction Phase Services set forth in Exhibit "B" and coordinate with the Board Design Engineer; Black & Veatch (B&V), to integrate the new equipment with the Board's facilities. Veolia will also provide the Construction Management services set forth on Exhibit "B" for the construction phase for the installation of the Sludge Dryer, overseeing the construction contractor of the sludge dryer unit who will be under contract with the Board. Detailed quality inspections for compliance with the design plans and specifications will be the responsibility of B&V. The project is ongoing and should be completed late in 2019.

##### **2. Effluent Pump House Electrical Improvements (VFDs, switchgear and motors) (Contract 30100)**

This project consists of the design, procurement and installation of new Variable Frequency Drives (VFD's) and 2400 Volt Switchgear for the plant's five effluent pumps and the construction of an air conditioned room in the effluent pump room to house them. Also included is the installation of a new T5 transformer, the replacement of the ST5 switch, the rewind of motors #1, #2 and #3 (the three 450 HP units) from 2400V to 460 volts to use 480 VFD's (less expensive option than 2400V VFD's for these smaller motors).

Veolia provided the Design/Pre-Construction Phase Services set forth in Exhibit "B" and coordinated with the Board Design Engineer, AECOM, to integrate the new equipment with the Board's facilities. Veolia provided the Construction Management services set forth in Exhibit "B" for the construction phase of this project, overseeing the construction contractor, Gootee, who is under contract with the Board. Detailed quality inspections for compliance with the design plans and specifications are the responsibility of AECOM. The project completed in August 2018.

### **3. Return Activated Sludge (RAS) Piping Installation (Contract 3795)**

This project includes a new pile supported underground Return Activated Sludge (RAS) pipe line from the North Pump House to the influent channel, replacing the damaged RAS pipeline. It also replaced the existing RAS pump header in the North Pump House and the existing stainless steel overhead piping at the influent channel. Relocating the sludge truck unload station to the north of the bio-reactor and removing the temporary above ground RAS piping was also completed under the project.

Veolia's services and compensation for the design phase of this project were provided and governed by that certain Agreement for Operations, Maintenance and Management Services by and between Veolia and the Board dated as of December 9, 2014. This construction project was completed by Industrial and Mechanical Contractors, Inc (IMC) under contract to the Board. Veolia provided the Construction Management services set forth in Exhibit "B" for the construction phase of this project, overseeing the construction contractor. The project is completed

### **4. Central Wetlands Unit Expansion (Contract #3792)**

This project consists of the construction of a containment berm to the west of the East Bank WWTP floodwall and the installation an underground effluent water piping system from clarifier #1 to the site, interconnecting the existing wetlands piping for the two bermed cells located to the north of the plant. Offsite material will be used for the berm material utilizing a 'borrow and fill' method. The interior of the cell will be graded to ensure effluent flow from the upstream piping to the downstream end of the cell which will have a timber weir to measure and test the effluent leaving the cell.

Veolia provided the Construction Management services set forth on Exhibit "B" for the construction phase of this project, overseeing the construction contractor who was under contract with the Board. This construction project was completed by Industrial and Mechanical Contractors, Inc.

### **5. Rehabilitation of Bio Reactor Train #1 (Contract #3794)**

The East Bank Wastewater Treatment Plant has four bio-reactor trains #1 thru 4. The work previously performed under this contract consisted of removing, dewatering, and trucking off-site materials accumulated in the unit which had been out of service for several years. The contractor also removed and replaced the eight sets of mixers, motors and drive gearboxes on the eight cells of the train. This construction project was bid by S&WB in November 2014 and was awarded to Industrial and Mechanical Contractors, Inc.

The S&WB approved the purchase and installation of new Mixers, for which Veolia provided the Construction Management services set forth on Exhibit "B" for the construction phase of this project. The Project is completed.

#### **6. Electrical Improvements Phase 2 (Contract 30110)**

This project was designed by AECOM under contract to the S&WB and will be constructed starting in late 2018 after bidding by the S&WB, and completion of Phase 1. It replaces the East Bank plant's 'F' and 'G' Motor Control Centers (MCCs) and the switchgear that feeds them. It also elevates the T7 transformer above potential local plant flooding by moving it into the old 'hotbox' room.

Veolia assisted with and managed the design of the project by AECOM, who is under contract to the Board. Veolia will provide the Construction Management services set forth on Exhibit "B" for the construction phase of this project, overseeing the construction contractor who will be under contract with the Board. Detailed quality inspections for compliance with the design plans and specifications are the responsibility of AECOM. The S&WB contract has been awarded to WJ Barnes Electric, started May 2018, and will continue into mid-2019.

#### **7. Rehabilitation of East Bank Clarifiers**

Due to age, all of the plant's clarifiers will have their internal steel and drive mechanisms replaced, approximately one per year. Clarifier #2 was completed by IMC under contract to Veolia last year, and unit #8 is the next clarifier being rehabilitated under this ongoing series of projects. Veolia will continue to bid the projects and will provide the Construction Management services, with the assistance of a DBE construction inspector, as set forth on Exhibit "B" for the construction phase of this project, overseeing the construction contractor. Clarifier #8 work is ongoing and will complete in February 2019. Clarifier #6 is currently planned to follow later in 2019.

#### **8. Rehabilitation of Bio-reactor Train #4 (Contract 30106)**

This project for Train #4 continues the cleaning of the bio-reactor trains and replacement of the mixers as was started with Train #1. Veolia, with the assistance of the DBE construction inspector trainee, will provide the Construction Management services set forth on Exhibit "B" for the cleaning phase of this S&WB project, overseeing the construction / cleaning contractor, Chart Mechanical, who is under contract with the Board. The project is ongoing and the cleaning phase will complete in December 2018. Installation of new mixers may start later in the year under a separate construction contract.

#### **9. Rehabilitate the West Bank Primary Clarifier #2**

This clarifier's steel has reached the end of its useful life, and has had all of its internal structural steel replaced as well as the main gear drive unit. Mitchell Contracting, under contract to Veolia has completed this project. Veolia managed the construction activities of the contractor, with a DBE construction inspector trainee, per the activities set forth in Exhibit "B".



#### **10. Replace the South RAS underground pipeline.**

This underground pipeline was in as bad a condition as the north pipeline was until its replacement in 2016. It was replaced by IMC under contract to Veolia starting in late 2017.

Veolia managed the design of the project in 2017 by Trigon Engineering (DBE) and provided the Construction Management services for the project's construction by IMC, with the assistance of a DBE construction Inspector trainee, as set forth on Exhibit "B" for the construction phase of this project. The project completed in May 2018.

#### **11. Upgrade of the West Bank Control Room and SCADA system**

The West Bank Plant's control room is only partially integrated on an outdated SCADA system, and much of the plant controls are still thru the antiquated original control panels of gauges, lights and manual switches. Veolia has engaged a DBE Engineering firm to specify a complete and updated SCADA system, and to prepare the RFP for bidding by Veolia. Then Veolia will provide the Construction Management services set forth on Exhibit "B" for the construction phase of this project. This project may be combined with the similar project for the East Bank Plant's SCADA system upgrade / replacement.

#### **12. Rehabilitation of the West Bank Sludge Thickener**

The internal structure of this unit is under a fiberglass dome for odor control, which subjects the metal parts, drive unit, electrical conduits and fixtures to corrosive vapors. Veolia will engage a DBE Engineering firm to specify the repair and upgrade of these parts, and to prepare an RFP for bid purposes. Then late in the year, Veolia, with the assistance of a DBE construction inspector, will provide the Construction Management services set forth on Exhibit "B" for the construction phase of this project.

#### **13. Electrical Improvements Phase 3 – Replace MCCs at both pump houses**

The project consists of the replacement of the motor control centers (MCCs) at both the North and South Pump Houses, with replacement transformers and tie-breakers. This equipment was never replaced after Hurricane Katrina and is now over 45 years old. It is obsolete and parts can no longer be obtained for repairs.

Veolia will manage and coordinate the design phase providing the Design/Pre-Construction Phase Services set forth in Exhibit "B" and coordinate with the Board Design Engineer, AECOM, to integrate the new equipment with the Board's facilities. Veolia will also provide the Construction Management services set forth in Exhibit "B" for the construction phase of this project, overseeing the construction contractor who will be under contract with the Board. Detailed quality inspections for compliance with the design plans and specifications are the responsibility of AECOM. The design is scheduled to start in early 2019.



#### **14. Upgrade of the East Bank SCADA System**

Veolia has engaged a DBE Engineering firm to specify a complete description of the current system and to provide recommendations for a complete upgrade to a modern, updated SCADA system. Then the same firm (Trigon) will be contracted to prepare the RFP for bidding by Veolia. Veolia will provide the Construction Management services set forth on Exhibit "B" for the construction phase of this project. This project may be combined with the similar project for the West Bank Plant's SCADA system upgrade / replacement.

#### **15. Addition of Effluent Pump #6**

The S&WB has contracted with GreenPoint Engineering to evaluate options, make a recommendation, and then design increased capacity for the effluent pump station with the goal of providing more redundancy as well. Veolia is providing the Design / Pre-Construction Phase Services set forth in Exhibit "B" and is coordinating with the Board Design Engineer to integrate the new equipment with the Board's facilities. Veolia will also provide the Construction Management services set forth on Exhibit "B" for the construction phase for the installation of the Sludge Dryer, overseeing the construction contractor of the sludge dryer unit who will be under contract with the Board. **Other Projects**

#### **16. Other Projects**

In conjunction with the Board, Veolia will pursue additional capital projects per the agreed upon Ten Year Capital Plan for the Waste Water Treatment Facilities. Nineteen of these past projects have been documented on two Zero-cost Approval Requests. If required, and as approved by the Board, Veolia will engage DBE engineering firms for project design and RFP preparation.

**Exhibit "B" (from the Original Contract as executed)**

**SCOPE OF WORK**

Veolia will provide the following key tasks during the various phases of the Capital Projects. If Veolia foresees a need for additional tasks for any project, then those tasks will be presented to the S&WB along with the rationale to explain the need for them.

*Tasks acceptable to be performed by DBE (non-Veolia) personnel are in blue. All others must be performed by Veolia's Program Manager or overseen by Veolia's part-time Construction Manager.*

*Tasks to be mainly performed by the Veolia Construction Manager, which could have assistance from DBE personnel, are in green.*

**Task 1: - Design/Pre-Construction Phase Services**

1. Assist the Board's design engineer with design reviews and equipment selection as requested by the Board for plant coordination.
2. Provide conceptual layouts of equipment and materials, as requested, to the Board design engineer. Provide a liaison role to coordinate the Board, plant operations, and Board design engineers, and Veolia subcontracted design engineers.
3. Provide conceptual layouts of equipment and materials to the Veolia subcontract design engineer. Final design engineering to be the responsibility of the Veolia subcontractor.
4. Develop preliminary schedules and preliminary construction cost estimates.
5. Assist the Board's design engineer with written responses to questions received from bidders, contractors, and suppliers, and assist in the preparation of addenda.
6. Attend pre-bid conferences and pre-bid site visits.
7. Perform contract document reviews for coordination between the Engineer's plans and specifications with the existing plant conditions. Notify the Board of any material constructability, safety and/or operability concerns noted in the review.
8. Review contractor bids, and assist in evaluations and/or contract discussions, as requested by the Board.
9. Attend Board design and contractor meetings as requested.
10. Provide monthly report of preconstruction activities and identify key issues that may impact cost and/or schedule.
11. Create and maintain a Project Reference Guide with names and contact information for all contractors/suppliers involved in the project(s).

## **Task 2: - Construction Phase Services**

1. Review contractor's schedule for compliance with the contractor's specifications.
2. Review and distribute Engineering Clarifications provided by the Board's engineer(s) to the Board contractor. Log all clarifications.
3. Review all Requests for Information and Submittals provided by the contractor and distribute to the Board's design engineer. The Board's design engineer will provide all technical responses; Veolia will provide responses regarding general coordination with the Board's facilities plant coordination. Log all RFI's and Submittals.
4. Review and manage all change orders submitted by Board contractors. Provide recommendations to the Board to either approve or disapprove change order requests along with appropriate backup documentation. If a change order is approved by the Board, Veolia will work with the contractor to minimize impact to cost and schedule of the Project.
5. Review and process all contractor payment applications.
6. Review and track all stored material.
7. Manage and document construction activities, require witnessed hold points on critical inspections, review third-party test documentation for compliance with specifications and coordinate additional testing required for QA/QC.
8. Observe and inspect construction activities to verify the contractors safety policies are being followed. Inspect activities and notify plant operations and the S&WB should an observation reveal that the activity may impact the plants' ability to meet its operating permit conditions.
9. Provide construction photo documentation.
10. Conduct daily construction site visits (as warranted by activities and on-site staff availability).
11. Prepare daily reports of contractor activities and manpower.
12. Review monthly contractor's redlined drawings for accuracy and completeness against the contract documents and specifications in conjunction with the contractor payment application review.
13. Maintain document control and provide the S&WB with a turnover package for each project assigned that includes electronic copies of all documents (and hard copies as needed).
14. Assist in the review, development and approval of the pre-commissioning plan.
15. Manage the O&M Manual submittal process.
16. Develop and manage the punch list process.
17. Provide a monthly report that summarizes project activities and important milestones achieved during the period. The report will also provide a review of the contractor's schedule, and financial status through the end of the previous month.

### **Task 3 - Services during Start-Up and Acceptance Testing**

1. Assist the engineer and the Board in the review, development and approval of start-up procedures and acceptance test plans.
2. Manage vendor equipment check-out, start-up and training.
3. Manage and document the acceptance testing process.
4. Verify testing, as required by the project specifications, has been completed. (Geotechnical, Hydrostatic, Electrical Megger, Vibration analysis, Thermo-graphic analysis, etc.)
5. Manage the O&M Manual process.
6. Verify all punch list items are completed by the contractor to the satisfaction of the S&WB.
7. Provide a written report detailing start-up and acceptance testing activities.
8. Obtain all equipment data plate documentation.
9. Manage the spare parts care, custody, and control process with Board contractors. Coordinate turnover with plant operations.

### **Task 4 - Services during Project Closeout**

1. Coordinate and participate in final inspection walkthroughs with the Board and the Board's design engineers.
2. Verify permit closures (if necessary) through design engineers.
3. Review all Notices of Substantial/Final Completion submitted by contractor and provide a recommendation to accept or deny to the Board.
4. Verify receipt of equipment warranties.
5. Compile project files (electronically) in a turnover package.
6. Coordinate the receipt and turnover of the Board's contractor provided redlined drawings to the Board's engineer to complete the final as-built CAD drawings.
7. Manage the final Board contractor payment application, lien release and retention payment process.
8. Manage the warranty process for assigned construction projects as requested by the Board.

PHONE  
(504) 828-8000  
FAX  
(504) 836-2939

**WCD**  
**Wallace C.**  
**Drennan, Inc.**  
**General Contractors**  
P.O. BOX 15438  
NEW ORLEANS, LA 70175-5438

LA CONTRACTOR'S  
LICENSE NO. 1033

September 18, 2018

**E-MAIL**

**Mr. Ashraf Abdelbaqi, E.I.**  
Sewerage and Water Board  
of New Orleans  
2900 Peoples Ave., Room 202  
New Orleans, LA 70122

**RE: S&WB Contract 30216**  
Restoration of Existing Gravity Sewer by Point Repair at Various  
Sites throughout Orleans Parish  
WCD 3279 (001) DBE Justification

Dear Mr. Abdelbaqi:

Regarding the above referenced contract, we completed the first year of this project with a DBE participation of 16.74%.

Work on this contract was performed as directed by the Sewerage and Water Board on a work order basis. A significant portion of the contract amount was used to complete large repairs at the direction of the SWB. Our DBE subcontractors were unable to complete these repairs due to the depth and size of pipe. The repair locations and their value are listed below.

|  |                   |               |
|--|-------------------|---------------|
| • 201701259508—Donner & LB Landry          | 12' Deep Repair   | \$ 25,108.00  |
| • 201800796204—211 Royal Street            | 9' Deep Repair    | \$ 28,100.00  |
| • 201800813703—816 N Roman                 | 10' Deep Repair   | \$ 52,000.00  |
| • 201800944205—Wickfield @ Wingate         | Wellpoints Needed | \$ 195,510.00 |
| • 201801096805—N Miro & Louisa             | 10' Deep Repair   | \$ 27,180.00  |
| • 201801152605—4975 St Roch                | Drainage Conflict | \$ 29,620.54  |
| • 201801203106—604 Pacific                 | 10' Deep Repair   | \$ 59,770.00  |
| • 201801290602—3904 Hamilton               | 9' Deep Repair    | \$ 14,500.00  |
| • 201801290603—3910 Hamilton               | 9' Deep Repair    | \$ 13,900.00  |
| • 201801335905—3324 1 <sup>st</sup> Street | 10' Deep Repair   | \$ 18,500.00  |
| • 201801453805—Julia @ St Peter            | 10' Deep Repair   | \$ 19,000.00  |

These repairs make up approximately 56.03% of the contract and only provided only a small amount of work available to be performed by our DBE subcontractors—only \$63,890.50 of the \$483,188.54.

All trucking and materials that could be purchased through DBE suppliers was utilized. With no pavement restoration and the depth and nature of the work orders given under this contract, our DBE pipe subcontractor, Cooper Construction Group, could not perform the repairs.

For the second year, we will issue available work able to be performed by our DBE contractor. We anticipate no issues meeting the 36% DBE participation goal.

**CONSTRUCTING FOR OVER 50 YEARS**

Thank you for your cooperation. Should you have any additional questions, please feel free to contact me. We await your reply.

Very truly yours,

**WALLACE C. DRENNAN, INC.**



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Carmelo Gutierrez, P.E.

cc: Mr. David Cappel, P.E.

**FINAL RENEWAL OF CONTRACT CN30216 – Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish**

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**WHEREAS**, under the provisions of the contract, the Board, with the contractor's concurrence, reserves the right to extend their contract; and

**WHEREAS**, the contractor, Wallace C. Drennan, Inc., desires to extend its contract facilitating the continuity of its services, in the amount of \$862,300.00 for Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish; and

**WHEREAS**, No change orders have been requested for Contract 30216 to date; and

**WHEREAS**, the DBE participation for this project is 36% and the participation through September 2018 is 16.74%.

**WHEREAS**, this \$862,300.00 Renewal will bring the total contract amount to \$1,724,600.00 and funds for this project are budgeted under the O & M 6621/4408; and

**NOW, THEREFORE, BE IT RESOLVED**, that the request of **Wallace C. Drennan, Inc.**, to extend its contract through **November 01, 2019**, is hereby approved.

---

I, Ghassan Korban, Executive Director,  
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 the said Board,  
duly called and held, according to law, on October 17, 2018.

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Ghassan Korban, Executive Director  
SEWERAGE AND WATERBOARD OF NEW ORLEANS



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Networks Department

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**Date:** September 21, 2018

**From:** Fred Tharp  
Chief of Networks

**To:** Alvin Porter  
Director of EDBP

**CC:** Ghassan Korban, Bruce Adams, Willie Mingo

**Re:** CONTRACT 30216 RENEWAL FOR CONTRACT EXTENSION

Please place the following Contract for Renewal on the Agenda for the Board Meeting on Wednesday, October 17, 2018.

The Contract for renewal is Contract 30216 for Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish for a one-year period. All terms, conditions and pricing will remain the same as in the original contract.

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





# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## First and Final Renewal of Contract 30216

**PROPOSAL:** The Contractor **Wallace C. Drennan, Inc.** has requested that the Board extend its current Contract 30216 for Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish for a one-year period. All terms and conditions, including the bid price agreed upon in the present contract, shall remain unchanged.

### EVALUATION:

- The original Contract 30216 for Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish was awarded to **Wallace C. Drennan, Inc.** in the May 16, 2018 Board of Directors meeting in the total amount of **eight hundred sixty-two thousand three hundred dollars and no/100 (\$862,300.00) with a one (1) year renewal option.**
- No change orders have been requested for this contract to date.
- If approved by the Board, this would be the first and final renewal of this contract with thirty-six (36 %) percent DBE participation. The current DBE participation through September 2018 is 16.741%. The DBE participation is expected to be achieved as contractor compliance documents are updated.
- It is recommended that the Board approve the request as proposed by the contractor.
- Funds for this project are budgeted under the O & M 6621/4408

**RECOMMENDATION:** It is recommended that the Board approve this first and final one-year renewal to **Wallace C. Drennan, Inc.** in the total amount of **eight hundred sixty-two thousand three hundred dollars and no/100 (\$862,300.00)** for a period of one-year beginning November 01, 2018 through November 01, 2019. **The renewal will bring the total contract amount to \$ 1,724,600.00**

**RATIFICATION OF CHANGE ORDER #2, AND FINAL ACCEPTANCE AND CLOSEOUT FOR CONTRACT NO. 30006, RESTORATION OF EXISTING SEWER MAINS DAMAGED BY HURRICANE KATRINA EXCAVATION AND REPLACEMENT FROM MANHOLE TO MANHOLE, CIPP LINING FROM MANHOLE TO MANHOLE AND POINT REPAIRS AT VARIOUS SITES THROUGHOUT ORLEANS PARISH**

**WHEREAS**, the Sewerage and Water Board entered into ESSA Contract No. 30006 with Boh Bros., and

**WHEREAS**, the items added by Change Order No. 3 were needed to complete Consent Decree work within this Contract, in accordance with the Remedial Measures Action Plan (RMAP) and as reported to the EPA, and

**WHEREAS**, the work performed increased the value of the contract by \$323,089.93 and extended the duration by 820 days, and

**WHEREAS**, Contract 30006 is ready for Final Acceptance and Closeout by the Sewerage & Water Board of New Orleans,

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that Change Order No. 2 and Recognition of Final Acceptance are hereby approved.

---

I, Bruce H. Adams, Interim General  
Superintendent of the 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  
September 19, 2018.

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



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

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**Date:** 8/24/2018

**From:** Bruce Adams, PE  
Interim General Superintendent

*Bruce Adams*  
08/30/2018

**To:** Office of the Executive Director

**Re:** Contract No. 30006 - Restoration of existing gravity sewer mains damaged by Hurricane Katrina excavation and replacement from manhole to manhole, CIPP Lining from manhole to manhole and point repairs at various sites throughout Orleans Parish

Enclosed please find Change Order No. 2 and Final Acceptance for the subject contract, which is recommended for approval.

The items added by this change order were needed to complete Consent Decree work under Contract 30006 in accordance with the Remedial Measures Action Plan (RMAP).

As all work on this contract has been completed and accepted, including the items added by this change order, and the required DBE participation goal of 36% has been achieved, Contract 30006 is recommended for Final Acceptance and Closeout.

By this Change Order, the value of the contract will be increased by \$ 323,089.93 and the contract duration will be increased by 820 days.

Please forward this change order to the attention of the appropriate Board committees for their consideration and approval.

cc: M. Ron Spooner, P.E. Chief of Engineering  
Mark Johnson, Project Manager  
Alvin Porter, EDBP  
Dexter Joseph, Budget  
Legal Dept.  
Rosita Thomas, Finance  
Willie Mingo, Purchasing

MJ/MRS

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

2018

Contract # 30006 P/O# \_\_\_\_\_

Date: August 27, 2018

Project Name: Restoration of existing gravity sewer mains damaged by Hurricane Katrina excavation and replacement from manhole to Manhole, CIPP Lining from manhole to manhole and point repairs at various sites throughout Orleans Parish

Job/Project # 30006 Reason for Change Order: This change order is to approve Change Order 2 and close out contract

Change Order Amount: \$323,089.93 Contract Amount Prior To Change Order: \$5,461,827.01

Original Contract Amount: \$4,579,309.00 Total Spent to Date: \$5,784,916.94

PW#: 3073 Vendor: Boh Bros. Construction Company, LLC

C. P. Item # 375 / 91.9 % C. P. Item # 339 / 9.1 % C. P. Item # \_\_\_\_\_ / \_\_\_\_\_ %

## Source of funding for Change Order:

System Funds: \$ 5,784,916.94 Bonds: \$528,200.42 FEMA: \$ \_\_\_\_\_ Anticipated FEMA: \$ 5,256,716.52

Total Funding: \$ 5,784,916.94

FUND Code CAP ORGN Code 7400 ACTIVITY Code \_\_\_\_\_ OBJECT Code 3296

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

- |   |                       |
|---|-----------------------|
| • Survey Phase                                  | <u>\$ N/A</u>         |
| • Design Phase                                  | <u>\$ N/A</u>         |
| • Testing Phase                                 | <u>\$ N/A</u>         |
| • Value of A/E Contract for this work to Date:  | <u>\$ N/A</u>         |
| • Construction Contract Value to Date:          | <u>\$5,784,916.94</u> |
| • Value of Project Management to Date:          | <u>\$ N/A</u>         |
| • Value of other Professional Services to Date: | <u>\$ N/A</u>         |
| • Total Investment to Date:                     | <u>\$5,784,916.94</u> |

## 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, % 38.6

## ACTION CRITICAL

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

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

2018

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

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

- Level Two (2) Project Manager, S&WB, Engineering Department  
Requested Response Date: \_\_\_\_\_

Malvin R. Spencer Date: 8/27/18

- Level One (1) Manager, S&WB, Engineering Department  
Requested Response Date: 1/1

Malvin R. Spencer Date: 8/27/18

- Deputy Director, General Superintendent, S&WB, Engineering Department  
Requested Response Date: 1/1

Brian J. Adams Date: 08/30/2018

- James Annacone, Fiscal Manager, PDU  
Requested Response Date: 1/1

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

- Willie Mingo, Director of Procurement, S&WB  
Requested Response Date: 1/1

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

SCOPE OF WORKS - PHASES No. 2  
ESSA PROGRAM - Contract 30006 FCO#2  
Contract #30006

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

| Item # | FCO# | Detailed Description  | Units | Unit Price   | Quantity | Amount              | Days       | FEMA Eligible |
|--------|------|---|-------|--------------|----------|---------------------|------------|---------------|
| X-24   | 2    | Concrete Footing Conflict on Canal Blvd.                                    | LS    | \$5,837.78   | 1.00     | \$5,837.78          | 75         | No            |
| X-25   | 2    | Removal of 16" Gas Line on Canal Blvd.                                      | LS    | \$1,721.30   | 1.00     | \$1,721.30          | 60         | No            |
| X-26   | 2    | Additional Manhole - Entergy Gas Conflict on Canal Blvd.                    | LS    | \$14,274.03  | 1.00     | \$14,274.03         | 15         | No            |
| X-27   | 2    | Removal of Ground Rod on Napoleon Ave.                                      | LS    | \$4,243.31   | 1.00     | \$4,243.31          | 10         | No            |
| X-28   | 2    | 1" Water Service Repair (S. Claiborne and Robert St.)                       | LS    | \$1,500.41   | 1.00     | \$1,500.41          | 2          | No            |
| X-29   | 2    | Drain Conflict on Canal Blvd.   | LS    | \$3,906.36   | 1.00     | \$3,906.36          | 38         | No            |
| X-30   | 2    | Sewer Repair, Street and Driveway Restoration (Rosa Park)                   | LS    | \$39,862.60  | 1.00     | \$39,862.60         | 120        | No            |
| X-31   | 2    | Tree & Root Pruning (Canal Blvd.)   | LS    | \$2,327.64   | 1.00     | \$2,327.64          | 10         | No            |
| X-32   | 2    | Sewer Repairs and Restoration on Prylania St. (SELA Project)                | LS    | \$282,445.29 | 1.00     | \$282,445.29        | 285        | No            |
| X-33   | 2    | Restoration (Crushed Concrete) over Sewer Segment within (SELA Project)     | LS    | \$12,881.77  | 1.00     | \$12,881.77         | 116        | No            |
| X-34   | 2    | Air Spading and root pruning along S. Claiborne Ave.                        | LS    | \$15,477.71  | 1.00     | \$15,477.71         | 9          | No            |
| X-35   | 2    | Vibration Monitoring along S. Claiborne Ave.                                | LS    | \$9,501.25   | 1.00     | \$9,501.25          | 0          | No            |
| X-36   | 2    | 8" Sewer Line Cleaning & Videoing   | LS    | \$7,663.80   | 1.00     | \$7,663.80          | 50         | No            |
| X-37   | 2    | 8" Partial Lining at various locations                                      | LS    | \$9,000.00   | 1.00     | \$9,000.00          | 9          | No            |
| X-38   | 2    | Monroe St. - Waterline Repair   | LS    | \$1,107.28   | 1.00     | \$1,107.28          | 2          | No            |
| X-39   | 2    | St. Roch Ave. - Waterline Repair  | LS    | \$4,434.76   | 1.00     | \$4,434.76          | 2          | No            |
| X-40   | 2    | K-Belle (Removed & Replaced broken water meter box #8617 N. Claiborne Ave.) | LS    | \$781.87     | 1.00     | \$781.87            | 2          | No            |
| X-41   | 2    | K-Belle (Downtime due to an existing water leak on Port Street)             | LS    | \$615.78     | 1.00     | \$615.78            | 15         | No            |
|        |      |   |       |              |          | <b>\$417,582.94</b> | <b>820</b> |               |

ADDITIONAL QUANTITIES TO BE ADDED OR CREDITED TO CONTRACT #30006

| Item # | FCO# | Detailed Description                                | Units | Unit Price  | Quantity | Amount      | Days | FEMA Eligible |
|--------|------|---|-------|-------------|----------|-------------|------|---------------|
| 1      | 2    | RESTORE 8"-10" MAIN BY EXCAVATION (0'-8" DEEP)      | LF    | \$163.00    | 485      | 79,055.00   | -    | -             |
| 2      | 2    | RESTORE 8"-10" MAIN BY EXCAVATION (9'-1'-13" DEEP)  | LF    | \$305.00    | 456      | 139,080.00  | -    | -             |
| 3      | 2    | RESTORE 8"-10" MAIN BY EXCAVATION (13'-1'-17" DEEP) | LF    | \$393.00    | -250     | -98,250.00  | -    | -             |
| 4      | 2    | RESTORE 12"-15" MAIN BY EXCAVATION (0'-8" DEEP)     | LF    | \$174.00    | 8        | 1,392.00    | -    | -             |
| 5      | 2    | RESTORE 12"-15" MAIN BY EXCAVATION (9'-1'-17" DEEP) | LF    | \$391.00    | -285     | -111,435.00 | -    | -             |
| 6      | 2    | RESTORE 18"-24" MAIN BY EXCAVATION (0'-9" DEEP)     | LF    | \$211.00    | -300     | -63,300.00  | -    | -             |
| 7      | 2    | RESTORE 18"-24" MAIN BY EXCAVATION (9'-1'-17" DEEP) | LF    | \$431.00    | -250     | -107,750.00 | -    | -             |
| 8      | 2    | 8" SANITARY SEWER REHABILITATION BY FULL SEGMENT    | LF    | \$40.00     | 9104     | 364,160.00  | -    | -             |
| 9      | 2    | 10" SANITARY SEWER REHABILITATION BY FULL SEGMENT   | LF    | \$43.00     | -500     | -21,500.00  | -    | -             |
| 10     | 2    | 12" SANITARY SEWER REHABILITATION BY FULL SEGMENT   | LF    | \$51.00     | -48      | -2,448.00   | -    | -             |
| 11     | 2    | 15" SANITARY SEWER REHABILITATION BY FULL SEGMENT   | LF    | \$67.00     | 1727     | 115,709.00  | -    | -             |
| 12     | 2    | 18" SANITARY SEWER REHABILITATION BY FULL SEGMENT   | LF    | \$74.00     | -200     | -14,800.00  | -    | -             |
| 13     | 2    | 24" SANITARY SEWER REHABILITATION BY FULL SEGMENT   | LF    | \$121.00    | -200     | -24,200.00  | -    | -             |
| 14     | 2    | SANITARY SEWER SERVICE INTERNAL REINSTATEMENTS CIP  | EA    | \$88.00     | 13       | 1,144.00    | -    | -             |
| 15     | 2    | 8"-10" POINT REPAIRS 12' IN LENGTH AND LESS THAN 1  | EA    | \$4,500.00  | 59.03    | 265,639.26  | -    | -             |
| 16     | 2    | 8"-10" POINT REPAIRS IN EXCESS OF 12' LESS THAN 10  | LF    | \$270.00    | 241      | 65,070.00   | -    | -             |
| 17     | 2    | 8"-10" POINT REPAIRS 12' GREATER THAN OR EQUAL TO   | EA    | \$7,100.00  | -2       | -14,200.00  | -    | -             |
| 18     | 2    | 8"-10" POINT REPAIRS IN EXCESS OF 12' GREATER THAN  | EA    | \$303.00    | -50      | -15,150.00  | -    | -             |
| 19     | 2    | 12"-15" POINT REPAIRS 12' IN LENGTH AND LESS THAN   | EA    | \$8,500.00  | -3       | -25,500.00  | -    | -             |
| 20     | 2    | 12"-15" POINT REPAIRS IN EXCESS OF 12' LESS THAN    | LF    | \$356.00    | -50      | -17,800.00  | -    | -             |
| 21     | 2    | 12"-15" POINT REPAIRS 12' AND GREATER THAN 10' DEP  | EA    | \$13,200.00 | 14       | 184,800.00  | -    | -             |
| 22     | 2    | 12"-15" POINT REPAIRS IN EXCESS OF 12' GREATER THA  | LF    | \$370.00    | 105      | 38,850.00   | -    | -             |
| 23     | 2    | 18"-24" POINT REPAIRS 12' AND LESS THAN 10' DEPTH   | EA    | \$9,100.00  | -4       | -36,400.00  | -    | -             |
| 24     | 2    | 18"-24" POINT REPAIRS IN EXCESS OF 12' LESS THAN 1  | LF    | \$441.00    | -50      | -22,050.00  | -    | -             |
| 25     | 2    | 18"-24" POINT REPAIRS 12' AND GREATER THAN TO 10'   | EA    | \$15,800.00 | -3       | -47,400.00  | -    | -             |
| 26     | 2    | 18"-24" POINT REPAIRS IN EXCESS OF 12' GREATER THA  | LF    | \$478.00    | -50      | -23,900.00  | -    | -             |

SCOPE 0 ANGES No. 2  
ESSA PROGRAM - Contract 30006 FCO#2  
Contract #30006

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

| Item # | FCO# | Detailed Description                                    | Units | Unit Price | Quantity | Amount                | Days | FEMA Eligible |
|--------|------|---|-------|------------|----------|-----------------------|------|---------------|
| 27     | 2    | 6" SANITARY SEWER SERVICE LATERAL REPLACEMENT           | LF    | \$82.00    | -3290.27 | -203,896.74           | -    | -             |
| 28     | 2    | 6" SANITARY SEWER SERVICE LATERAL CURED-IN-PLACE L      | LF    | \$408.00   | -155     | -63,240.00            | -    | -             |
| 29     | 2    | 6" SANITARY SEWER SERVICE LATERAL REPLACEMENT CIPP      | LF    | \$127.00   | -250     | -31,750.00            | -    | -             |
| 30     | 2    | 6" SERVICE CONNECTIONS DIRECT TO MANHOLE W/ TIE-IN      | LF    | \$75.00    | 49       | 3,675.00              | -    | -             |
| 31     | 2    | INSTALL VERTICAL STACK, FITTING AND TIE-IN (8"-24"      | EA    | \$1,000.00 | -11      | -11,000.00            | -    | -             |
| 32     | 2    | INSTALL SEWER MANHOLE, (BRICK) (0'-9")                  | VF    | \$600.00   | 49.56    | 29,736.00             | -    | -             |
| 33     | 2    | INSTALL SEWER MANHOLE, (BRICK) (9'-1'-17")              | VF    | \$832.00   | -84      | -69,888.00            | -    | -             |
| 34     | 2    | ADJUST MANHOLES WITH BRICKS AND MORTAR                  | EA    | \$435.00   | -77.22   | -33,591.20            | -    | -             |
| 35     | 2    | SEWER DIVERSION PUMP SET UP WHEN OPERATING A PUMP       | EA    | \$6,300.00 | -3       | -18,900.00            | -    | -             |
| 36     | 2    | SET UP, MAINTAIN AND OPERATION OF WELL POINT            | EA    | \$8,700.00 | -2       | -17,400.00            | -    | -             |
| 37     | 2    | RESTORATION OF EXISTING ROWAYS W/ INTERIM PAVEMENT      | SY    | \$65.00    | -3132.19 | -203,592.61           | -    | -             |
| 38     | 2    | RESTORATION OF ROWAYS, CONCRETE ROWAY (8")              | SY    | \$120.00   | 1118.02  | 134,162.40            | -    | -             |
| 39     | 2    | RESTORATION OF ROWAYS, ASPHALT RDWY (5")                | SY    | \$82.00    | 1364.28  | 111,870.96            | -    | -             |
| 40     | 2    | ASPHALT SURFACE ON CONCRETE ROWAYS (2" THICK)           | SY    | \$29.00    | 1307.76  | 37,925.04             | -    | -             |
| 41     | 2    | REPLACING CONCRETE CURB TO MATCH EXISTING               | LF    | \$40.00    | -800.04  | -32,001.60            | -    | -             |
| 42     | 2    | RESET GRANITE CURB                                      | LF    | \$109.00   | 2.9      | 316.10                | -    | -             |
| 43     | 2    | MOUNTABLE CURB AND GUTTER                               | LF    | \$43.00    | -188.4   | -8,101.20             | -    | -             |
| 44     | 2    | DRIVEWAYS (6" CONCRETE)                                 | SY    | \$87.00    | 100.53   | 8,746.11              | -    | -             |
| 45     | 2    | DRIVEWAYS (6" CONCRETE W/ GRAVEL FINISH)                | SY    | \$93.00    | -70      | -6,510.00             | -    | -             |
| 46     | 2    | DRIVEWAYS (6" CONCRETE W/ BRICK)                        | SY    | \$272.00   | -65      | -17,680.00            | -    | -             |
| 47     | 2    | CONCRETE SIDEWALKS (4")                                 | SY    | \$87.00    | -365.11  | -31,764.61            | -    | -             |
| 48     | 2    | CONCRETE SIDEWALKS (4" CONCRETE W/ GRAVEL FINISH)       | SY    | \$93.00    | -40      | -3,720.00             | -    | -             |
| 49     | 2    | CONCRETE SIDEWALKS (REINFORCED W/ BRICKS )              | SY    | \$266.00   | -52.49   | -13,962.34            | -    | -             |
| 50     | 2    | MINIMUM DEPTH OF 3" BATTURE SAND AND GRASS SOD          | SY    | \$16.00    | 765.94   | 12,255.04             | -    | -             |
| 51     | 2    | CONCRETE HANDICAP RAMP RESTORATION/INSTALLATION         | EA    | \$1,100.00 | -3       | -3,300.00             | -    | -             |
| 52     | 2    | 2" COLD MILL AND OVERLAY                                | SY    | \$34.00    | -3157.23 | -107,345.82           | -    | -             |
| 53     | 2    | INSTALL NEW MANHOLE COVER                               | EA    | \$237.00   | -6       | -1,422.00             | -    | -             |
| 54     | 2    | REPLACE EXISTING MANHOLE & COVER                        | EA    | \$755.00   | -19      | -14,345.00            | -    | -             |
| 55     | 2    | PARTIAL MH REPLACEMENT W/ SPRAY                         | EA    | \$179.00   | -56      | -10,024.00            | -    | -             |
| 56     | 2    | REHABILITATE MH FULL DEPTH W/ SPRAY                     | VF    | \$92.00    | 1669.1   | 153,557.20            | -    | -             |
| 57     | 2    | REHABILITATE MH FULL DEPTH W/ MULTI COMPOUND            | VF    | \$272.00   | -220     | -59,840.00            | -    | -             |
| 58     | 2    | INSTALL CONCRETE MH ISOLATION PAD                       | EA    | \$980.00   | -235     | -230,300.00           | -    | -             |
| S-2    | 2    | Install 12" C-900, DR-18, Excavation & Casing Insertion | LF    | \$313.00   | -6       | -1,878.00             | -    | -             |
|        |      |   |       |            |          | <b>\$ (94,493.01)</b> |      |               |

Total Change Order Amount \$323,089.93

|                                  |                 |
|----------------------------------|-----------------|
| Original                         | \$ 4,759,309.00 |
| Amount of previous Change Orders | \$ 702,518.01   |
| Amount this Change Order         | \$323,089.93    |
| Change Orders to date            | \$ 1,025,607.94 |

|                        |      |
|------------------------|------|
| Original Contract Days | 365  |
| Days Previously Added  | 275  |
| Days this Change Order | 820  |
| Days Added to date     | 1095 |

REVISED CONTRACT AMOUNT \$ 5,784,916.94

REVISED CONTRACT DAYS 1460

SCOPE OF CHANGES No. 2  
 ESSA PROGRAM - Contract 30006 FCO#2  
 Contract #30006

% OF ORIGINAL CONTRACT AMOUNT

|                       |        |
|-----------------------|--------|
| This Change Order     | 8.77%  |
| Previous Change Order | 14.76% |
| TOTAL TO DATE         | 23.53% |

|                                |           |
|--------------------------------|-----------|
| Work Order Date                | 4/16/2014 |
| Work Completion Milestone Date | 4/15/2018 |

It is mutually agreed to perform and accept the above revisions in accordance with the original contract and applicable specifications for the above price.

Recommended By:

*Mark John*

S&WB Project Manager

8-27-18

Date

Proposed By:

*[Signature]*

Bob Bros Construction, LLC

Approved By:

*[Signature]*

Chief of Engineering

8/30/18

Date

6-4-18

Date



**SEWERAGE & WATER BOARD OF NEW ORLEANS**  
**- FINAL ACCEPTANCE STATEMENT -**

**DATE:** 24-Aug-18  
**FROM:** Hadi Amini, P.E., Construction, Administration & Inspection Engineering  
**TO:** Bruce Adams, P.E., Interim General Superintendent  
**RE:** Contract No.: 30006

**TITLE:** Restoration of Existing Gravity Sewer Mains Damaged by Hurricane Katrina Excavation and Replacement From Manhole to Manhole, CIPP Lining From Manhole to Manhole and Point Repairs at Various Sites Throughout Orleans Parish

This is to advise that all work on the above-captioned Contract is now completed and acceptance of the Contract is recommended.

|   |   |
|---|---|
| CONTRACTOR:   | Boh Bros                                |
| LUMP SUM BID:   | \$0.00                                  |
| UNIT PRICE BID:   | \$4,759,309.00                          |
| TOTAL CONTRACT BID:   | \$4,759,309.00                          |
| UNIT PRICE EXTENSIONS TO CONTRACT:                                | 0                                       |
| NO. CHANGE ORDERS:  | 2                                       |
| TOTAL CHANGE ORDER AMOUNT:  | \$1,071,518.50                          |
| (Do not include unit price work in Change Orders)                 |   |
| TOTAL CONTRACT EXPENDITURE:                                       | \$5,784,916.94                          |
| CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:   | 23.53%                                  |
| DATE WORK ORDER ISSUED:   | 4/16/2014                               |
| DATE WORK ACCEPTED:   | 4/15/2018                               |
| INCOMPLETE PUNCHLIST ITEMS CREDIT DUE TO S&WB:                    | \$0.00                                  |
| CONTRACT LIQUIDATED DAMAGES DUE TO S&WB:                          | \$0.00                                  |
| RETAINAGE INCLUDING FINAL CHANGE ORDER DUE TO CONTRACTOR:         | \$289,245.85                            |
| TOTAL AMOUNT DUE TO S&WB:   | \$0.00                                  |
| TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:            | \$5,256,716.52                          |
| TOTAL CONTRACT AMOUNT <b>NOT</b> ELIGIBLE FOR FEMA REIMBURSEMENT: | \$528,200.42                            |
| SOURCE OF FUNDS:  | <input checked="" type="checkbox"/> SSF |
| DBE PARTICIPATION GOAL  | 36%                                     |
| DBE PARTICIPATION ACHIEVED  | 38.6%                                   |

  
Mark Johnson, E.I.T.  
Project Manager

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



## SEWERAGE AND WATER BOARD OF NEW ORLEANS

October 10, 2018

Finance and Administration Committee  
Sewerage and Water Board of New Orleans  
New Orleans, Louisiana

### Re: Financial Results through August 2018

Attached are the *Statement of Revenues, Expenses, and Changes in Net Position* with budget and prior year comparisons for the water, sewer, drainage and total systems through August 2018. The Variance Indicators for Financial Results through August 2018 is also attached. Also, attached is the Unrestricted Cash in days through August 2018. The *Statement of Net Assets* and the *Statement of Cash Flows* will be provided after the completion of the 2017 audit.

#### Operating Revenues:

**Water System Fund** (pages 7 and 8, line 5) August 2018 MTD operating revenues of \$7,774,946 is \$1,285,287 (or 14.2%) less than budgeted and \$259,844 (or 3.5%) more than August 2017 MTD. August 2018 YTD operating revenues of \$60,145,150 is \$12,336,719 (or 17.0%) less than budgeted and \$13,238 less than August 2017 YTD.

**Sewer System Fund** (pages 13 and 14, line 5) August 2018 MTD operating revenues of \$10,233,836 is \$621,105 (or 5.7%) less than budgeted and \$1,491,970 (or 13053.1%) more than August 2017 MTD. August 2018 YTD operating revenues of \$75,030,964 is \$11,808,563 (or 13.6%) less than budgeted and \$3,096,354 (or 4.3%) more than August 2017 YTD.

**Drainage System Fund** (pages 19 and 20, line 5) August 2018 MTD operating revenues are \$3,004 (or 100%) more than budgeted and \$1,719 (or 36.4%) less than August 2017 MTD. August 2018 YTD operating revenues are \$74,798 (or 100%) more than budgeted and \$49,031 (or 190.3%) more than August 2017 YTD.

**Total System Funds** (pages 1 and 2, line 5) August 2018 MTD operating revenues of \$18,011,787 is \$1,903,388 (or 9.6%) less than budgeted and \$1,750,096 (or 10.8%) more than August 2017 MTD. August 2018 YTD operating revenues of \$135,250,911 is \$24,070,484 (or 15.1%) less than budgeted and \$3,132,146 (or 2.4%) more than August 2017 YTD.

#### Operating Expenses:

**Water System Fund** (pages 7 and 8, line 18) August 2018 MTD operating expenses of \$4,426,895 is \$4,665,419 (or 51.3%) less than budgeted and \$2,821,987 (or 38.9%) less than August 2017 MTD. August 2018 YTD operating expenses of \$57,581,701 is \$15,156,817 (or 20.8%) less than budgeted and \$2,263,907 (or 4.1%) more than August 2017 YTD.

**Sewer System Fund** (pages 13 and 14, line 18) August 2018 MTD operating expenses of \$5,094,689 is \$5,083,512 (or 49.9%) less than budgeted and \$2,078,346 (or 29.0%) less than August 2017 MTD. August 2018 YTD operating expenses of \$65,246,435 is \$16,179,180 (or 19.9%) less than budgeted and \$12,861,117 (or 24.6%) more than August 2017 YTD.

**Drainage System Fund** (pages 19 and 20, line 18) August 2018 MTD operating expenses of \$5,407,925 is \$991,323 (or 15.5%) less than budgeted and \$510,904 (or 10.4%) more than August 2017 MTD. August 2018 YTD operating expenses of \$53,013,791 is \$1,819,811 (or 3.6%) more than budgeted and \$16,664,519 (or 45.8%) more than August 2017 YTD.

**Total System Funds** (pages 1 and 2, line 18) August 2018 MTD operating expenses of \$14,929,510 is \$10,740,254 (or 41.8%) less than budgeted and \$4,389,428 (or 22.7%) less than August 2017 MTD. August 2018 YTD operating expenses of \$175,841,927 is \$29,516,187 (or 14.4%) less than budgeted and \$31,789,543 (or 22.1%) more than August 2017 YTD.



## SEWERAGE AND WATER BOARD OF NEW ORLEANS

### Net Non-Operating Revenues:

**Water System Fund** (pages 7 and 8, line 28) August 2018 MTD non-operating revenues of \$0 is \$269,427 (or 100.0%) less than budgeted and \$169,155 (or 100.0%) less than August 2017 MTD. August 2018 YTD net non-operating revenues of \$204,214 is \$1,951,198 (or 90.5%) less than budgeted and \$512,164 (or 71.5%) less than August 2017 YTD.

**Sewer System Fund** (pages 13 and 14, line 28) August 2018 MTD non-operating revenues of \$0 is \$252,880 (or 100.0%) less than budgeted and \$66,193 (or 100.0%) less than August 2017 MTD. August 2018 YTD net non-operating revenues of \$102,360 is \$1,920,682 (or 94.9%) less than budgeted and \$426,936 (or 80.7%) less than August 2017 YTD.

**Drainage System Fund** (pages 19 and 20, line 28) August 2018 MTD non-operating revenues of \$801,680 is \$700,455 (or 692.0%) more than budgeted and \$12,812,780 (or 94.1%) less than August 2017 MTD. August 2018 YTD net non-operating revenues of \$54,076,050 is \$17,288,692 (or 47.0%) more than budgeted and \$1,416,928 (or 2.7%) more than August 2017 YTD.

**Total System Funds** (pages 1 and 2, line 28) August 2018 MTD non-operating revenues of \$801,680 is \$178,148 (or 28.6%) more than budgeted and \$13,048,128 (or 94.2%) less than August 2017 MTD. August 2018 YTD net non-operating revenues of \$54,382,623 is \$13,416,811 (or 32.8%) more than budgeted and \$477,828 (or 0.9%) more than August 2017 YTD.

### Income Before Contributions in Aid of Construction:

**Water System Fund** (pages 7 and 8, line 29) August 2018 MTD income before contributions of \$3,348,051 is \$3,110,706 (or 1310.6%) more than budgeted and \$2,912,676 (or 669.0%) more than August 2017 MTD. August 2018 YTD income before capital contributions of \$2,767,662 is \$868,900 (or 45.8%) more than budgeted and \$2,789,309 (or 50.2%) less than August 2017 YTD.

**Sewer System Fund** (pages 13 and 14, line 29) August 2018 MTD income before contributions of \$5,139,147 is \$4,209,528 (or 452.8%) more than budgeted and \$3,504,123 (or 214.3%) more than August 2017 MTD. August 2018 YTD income before capital contributions of \$9,886,889 is \$2,449,935 (or 32.9%) more than budgeted and \$10,191,699 (or 50.8%) less than August 2017 YTD.

**Drainage System Fund** (pages 19 and 20, line 29) August 2018 MTD income before contributions of -\$4,603,241 is \$1,694,782 (or 26.9%) more than budgeted and \$13,325,403 (or 152.8%) less than August 2017 MTD. August 2018 YTD income before capital contributions of \$1,137,056 is \$15,543,678 (or 107.9%) more than budgeted and \$15,198,561 (or 93.0%) less than August 2017 YTD.

**Total System Funds** (pages 1 and 2, line 29) August 2018 MTD income before contributions of \$3,883,957 is \$9,015,015 (or 175.7%) more than budgeted and \$6,908,604 (or 64.0%) less than August 2017 MTD. August 2018 YTD income before capital contributions of \$13,791,607 is \$18,862,513 (or 372.0%) more than budgeted and \$28,179,569 (or 67.1%) less than August 2017 YTD.



## SEWERAGE AND WATER BOARD OF NEW ORLEANS

The balances of funds from the Series 2014 bond proceeds available for capital construction as of August 31, 2018 are:

|                     | Water          | Sewer | Total          |
|---------------------|----------------|-------|----------------|
| Original Balance    | \$7,557.63     | -     | \$7,557.63     |
| Less Disbursements  | (\$607,000.00) |       | (\$607,000.00) |
| Plus Reimbursements | \$743,242.29   |       | \$743,242.29   |
| Plus Income         | \$94.69        |       | \$94.69        |
| Ending Balance      | \$143,894.61   | -     | \$143,894.61   |

The balances of funds from the Series 2015 bond proceeds available for capital construction as of August 31, 2018 are:

|                     | Water            | Sewer          | Total            |
|---------------------|------------------|----------------|------------------|
| Original Balance    | \$7,859,856.38   | \$6,805.49     | \$7,866,661.87   |
| Less Disbursements  | (\$7,500,000.00) | (\$500,000.00) | (\$8,000,000.00) |
| Plus Reimbursements | \$16,478,504.45  | \$858,840.98   | \$17,337,345.43  |
| Plus Income         | \$8,265.57       | \$142.23       | \$8,407.80       |
| Ending Balance      | \$16,846,626.40  | \$365,788.70   | \$17,212,415.10  |

|       |                 |              |                 |
|-------|-----------------|--------------|-----------------|
| Total | \$16,990,521.01 | \$365,788.70 | \$17,356,309.71 |
|-------|-----------------|--------------|-----------------|

The days-of-cash at August 31, 2018 were 112 days for the water system, 35 days for the sewer system, 7 days for the drainage system and 58 days for the total systems. Combined the total system results were below the minimum policy target of 180 days. Individually, water, sewer, and drainage system did not meet its policy target of 180 days.

The projected coverage for the year ending August 31, 2018, based upon financial results through August 31, 2018, remains at the budgeted levels of 1.41 times for the water system and 1.73 times for the sewer system. Water system is below the policy target of 1.50 times and above the bond covenant minimum of 1.25. Sewer system result is ahead the policy target of 1.50 times and above the bond covenant minimum of 1.25.

**Certification.** In connection with the accompanying monthly financial report of the Sewerage and Water Board of New Orleans for the period ended August 31, 2018, I hereby certify that, to my knowledge, the information contained in the report fairly presents, in all material respects, the financial condition and results of the Board.

Rosita Thomas  
Finance Administrator

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**ALL SYSTEM FUNDS**  
**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION**  
**WITH PRIOR YEAR COMPARISONS**  
**August 2018**

|  | A          | B           | C            | D       | E             | F             | G            | H       |
|--|------------|-------------|--------------|---------|---------------|---------------|--------------|---------|
|  | MTD        | MTD         | MTD          | %       | YTD           | YTD           | YTD          | %       |
|  | Actual     | Prior Year  | Variance     |         | Actual        | Prior Year    | Variance     |         |
| <b>Operating revenues:</b>               |            |             |              |         |               |               |              |         |
| 1 Sales of water and delinquent fees     | 7,555,032  | 7,294,036   | 260,996      | 3.6%    | 58,819,640    | 58,942,927    | (123,287)    | -0.2%   |
| 2 Sewerage service charges and del fees  | 10,195,325 | 8,703,336   | 1,491,989    | 17.1%   | 74,560,020    | 71,404,970    | 3,155,050    | 4.4%    |
| 3 Plumbing inspection and license fees   | 78,170     | 54,200      | 23,970       | 44.2%   | 462,523       | 406,500       | 56,023       | 13.8%   |
| 4 Other revenues                         | 183,260    | 210,119     | (26,859)     | -12.8%  | 1,408,728     | 1,364,368     | 44,360       | 3.3%    |
| 5 Total operating revenues               | 18,011,787 | 16,261,691  | 1,750,096    | 10.8%   | 135,250,911   | 132,118,765   | 3,132,146    | 2.4%    |
| <b>Operating Expenses:</b>               |            |             |              |         |               |               |              |         |
| 6 Power and pumping                      | 2,402,261  | 1,372,897   | 1,029,364    | 75.0%   | 25,840,810    | 9,889,379     | 15,951,431   | 161.3%  |
| 7 Treatment                              | 392,465    | 1,518,187   | (1,125,722)  | -74.1%  | 12,668,307    | 15,036,901    | (2,368,594)  | -15.8%  |
| 8 Transmission and distribution          | 1,542,714  | 3,170,091   | (1,627,377)  | -51.3%  | 26,086,373    | 18,302,925    | 7,783,448    | 42.5%   |
| 9 Customer accounts                      | 311,258    | 332,361     | (21,103)     | -6.3%   | 3,122,346     | 2,819,169     | 303,177      | 10.8%   |
| 10 Customer service                      | 182,949    | 445,828     | (262,879)    | -59.0%  | 2,483,325     | 2,751,629     | (268,304)    | -9.8%   |
| 11 Administration and general            | 1,769,904  | 2,004,771   | (234,867)    | -11.7%  | 24,526,903    | 14,538,598    | 9,988,305    | 68.7%   |
| 12 Payroll related                       | 2,253,602  | 3,656,638   | (1,403,036)  | -38.4%  | 27,985,315    | 26,328,541    | 1,656,774    | 6.3%    |
| 13 Maintenance of general plant          | 1,347,140  | 1,993,239   | (646,099)    | -32.4%  | 14,998,036    | 16,501,451    | (1,503,415)  | -9.1%   |
| 14 Depreciation                          | 4,330,677  | 4,330,676   | 1            | 0.0%    | 34,645,419    | 34,601,696    | 43,723       | 0.1%    |
| 15 Amortization                          | -          | -           | -            | 0.0%    | -             | -             | -            | 0.0%    |
| 16 Provision for doubtful accounts       | 184,570    | 184,570     | -            | 0.0%    | 1,476,560     | 1,476,560     | -            | 0.0%    |
| 17 Provision for claims                  | 211,968    | 309,680     | (97,712)     | -31.6%  | 2,008,533     | 1,805,535     | 202,998      | 11.2%   |
| 18 Total operating expenses              | 14,929,510 | 19,318,938  | (4,389,428)  | -22.7%  | 175,841,927   | 144,052,384   | 31,789,543   | 22.1%   |
| 19 Operating income (loss)               | 3,082,277  | (3,057,247) | 6,139,524    | -200.8% | (40,591,016)  | (11,933,619)  | (28,657,397) | 240.1%  |
| <b>Non-operating revenues (expense):</b> |            |             |              |         |               |               |              |         |
| 20 Two-mill tax                          | -          | 640         | (640)        | -100.0% | 84            | 1,662         | (1,578)      | -94.9%  |
| 21 Three-mill tax                        | 235,684    | 12,853,009  | (12,617,325) | -98.2%  | 15,051,631    | 13,277,614    | 1,774,017    | 13.4%   |
| 22 Six-mill tax                          | 226,507    | 288,870     | (62,363)     | -21.6%  | 15,602,408    | 15,711,953    | (109,545)    | -0.7%   |
| 23 Nine-mill tax                         | 339,489    | 432,985     | (93,496)     | -21.6%  | 23,387,333    | 23,551,465    | (164,132)    | -0.7%   |
| 24 Interest income                       | -          | 272,824     | (272,824)    | -100.0% | 340,850       | 1,064,258     | (723,409)    | -68.0%  |
| 25 Other Income                          | -          | -           | -            | 0.0%    | -             | 296,164       | (296,164)    | -100.0% |
| 26 Interest expense                      | -          | -           | -            | 0.0%    | -             | -             | -            | 0.0%    |
| 27 Operating and maintenance grants      | -          | 1,480       | (1,480)      | -100.0% | 317           | 1,679         | (1,362)      | -81.1%  |
| 28 Total non-operating revenues          | 801,680    | 13,849,808  | (13,048,128) | -94.2%  | 54,382,623    | 53,904,795    | 477,828      | 0.9%    |
| 29 Income before capital contributions   | 3,883,957  | 10,792,561  | (6,908,604)  | -64.0%  | 13,791,607    | 41,971,176    | (28,179,569) | -67.1%  |
| 30 Capital contributions                 | 1,239,614  | 6,864,515   | (5,624,901)  | -81.9%  | 17,513,197    | 21,148,253    | (3,635,056)  | -17.2%  |
| 31 Change in net position                | 5,123,571  | 17,657,076  | (12,533,506) | -71.0%  | 31,304,804    | 63,119,429    | (31,814,625) | -50.4%  |
| 32 Net position, beginning of year       | -          | -           | -            | -       | 2,331,322,205 | 2,228,421,948 | 102,900,257  | 4.6%    |
| 33 Net position, end of year             | -          | -           | -            | -       | 2,362,627,009 | 2,291,541,377 | 71,085,632   | 3.1%    |

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
ALL SYSTEM FUNDS  
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION  
WITH BUDGET COMPARISONS  
August 2018

|  | A          | B           | C            | D       | E             | F             | G            | H       |
|--|------------|-------------|--------------|---------|---------------|---------------|--------------|---------|
|  | MTD        | MTD         | MTD          | %       | YTD           | YTD           | YTD          | %       |
|  | Actual     | Budget      | Variance     |         | Actual        | Budget        | Variance     |         |
| <b>Operating revenues:</b>               |            |             |              |         |               |               |              |         |
| 1 Sales of water and delinquent fees     | 7,555,032  | 8,770,727   | (1,215,695)  | -13.9%  | 58,819,640    | 70,165,819    | (11,346,179) | -16.2%  |
| 2 Sewerage service charges and del fees  | 10,195,325 | 10,777,991  | (582,666)    | -5.4%   | 74,560,020    | 86,223,925    | (11,663,905) | -13.5%  |
| 3 Plumbing inspection and license fees   | 78,170     | 53,756      | 24,414       | 45.4%   | 462,523       | 430,050       | 32,473       | 7.6%    |
| 4 Other revenues                         | 183,260    | 312,700     | (129,441)    | -41.4%  | 1,408,728     | 2,501,601     | (1,092,873)  | -43.7%  |
| 5 Total operating revenues               | 18,011,787 | 19,915,174  | (1,903,386)  | -9.6%   | 135,250,911   | 159,321,395   | (24,070,484) | -15.1%  |
| <b>Operating Expenses:</b>               |            |             |              |         |               |               |              |         |
| 6 Power and pumping                      | 2,402,261  | 2,195,269   | 206,991      | 9.4%    | 25,840,810    | 17,562,153    | 8,278,657    | 47.1%   |
| 7 Treatment                              | 392,465    | 1,951,095   | (1,558,629)  | -79.9%  | 12,668,307    | 15,608,758    | (2,940,451)  | -18.8%  |
| 8 Transmission and distribution          | 1,542,714  | 3,080,266   | (1,537,551)  | -49.9%  | 26,086,373    | 24,642,127    | 1,444,246    | 5.9%    |
| 9 Customer accounts                      | 311,258    | 468,389     | (157,131)    | -33.5%  | 3,122,346     | 3,747,111     | (624,765)    | -16.7%  |
| 10 Customer service                      | 182,949    | 445,895     | (262,946)    | -59.0%  | 2,483,325     | 3,567,157     | (1,083,832)  | -30.4%  |
| 11 Administration and general            | 1,769,904  | 5,119,407   | (3,349,503)  | -65.4%  | 24,526,903    | 40,955,258    | (16,428,355) | -40.1%  |
| 12 Payroll related                       | 2,253,602  | 3,567,007   | (1,313,404)  | -36.8%  | 27,985,315    | 28,536,053    | (550,738)    | -1.9%   |
| 13 Maintenance of general plant          | 1,347,140  | 3,116,852   | (1,769,712)  | -56.8%  | 14,998,036    | 24,934,817    | (9,936,782)  | -39.9%  |
| 14 Depreciation                          | 4,330,677  | 4,988,917   | (658,239)    | -13.2%  | 34,645,419    | 39,911,333    | (5,265,914)  | -13.2%  |
| 15 Amortization                          | -          | -           | -            | 0.0%    | -             | -             | -            | 0.0%    |
| 16 Provision for doubtful accounts       | 184,570    | 390,974     | (206,404)    | -52.8%  | 1,476,560     | 3,127,795     | (1,651,235)  | -52.8%  |
| 17 Provision for claims                  | 211,968    | 343,694     | (133,726)    | -38.7%  | 2,008,533     | 2,765,550     | (757,017)    | -27.4%  |
| 18 Total operating expenses              | 14,929,510 | 25,669,764  | (10,740,254) | -41.8%  | 175,841,927   | 205,358,114   | (29,516,187) | -14.4%  |
| 19 Operating income (loss)               | 3,082,277  | (5,754,590) | 8,836,867    | -153.6% | (40,591,016)  | (46,036,719)  | 5,445,702    | -11.8%  |
| <b>Non-operating revenues (expense):</b> |            |             |              |         |               |               |              |         |
| 20 Two-mill tax                          | -          | -           | -            | 0.0%    | 84            | -             | 84           | 0.0%    |
| 21 Three-mill tax                        | 235,684    | -           | 235,684      | 0.0%    | 15,051,631    | 9,886,624     | 5,165,007    | 52.2%   |
| 22 Six-mill tax                          | 226,507    | -           | 226,507      | 0.0%    | 15,602,408    | 10,440,807    | 5,161,600    | 49.4%   |
| 23 Nine-mill tax                         | 339,489    | -           | 339,489      | 0.0%    | 23,387,333    | 15,650,127    | 7,737,207    | 49.4%   |
| 24 Interest income                       | -          | 133,053     | (133,053)    | -100.0% | 340,850       | 1,064,422     | (723,572)    | -68.0%  |
| 25 Other Income                          | -          | 226,954     | (226,954)    | -100.0% | -             | 1,815,632     | (1,815,632)  | -100.0% |
| 26 Interest expense                      | -          | (10,858)    | 10,858       | -100.0% | -             | (86,866)      | 86,866       | -100.0% |
| 27 Operating and maintenance grants      | -          | 274,383     | (274,383)    | -100.0% | 317           | 2,195,067     | (2,194,750)  | -100.0% |
| 28 Total non-operating revenues          | 801,680    | 623,532     | 178,148      | 28.6%   | 54,382,623    | 40,965,812    | 13,416,811   | 32.8%   |
| 29 Income before capital contributions   | 3,883,957  | (5,131,058) | 9,015,015    | -175.7% | 13,791,607    | (5,070,907)   | 18,862,513   | -372.0% |
| 30 Capital contributions                 | 1,239,614  | -           | 1,239,614    | 0.0%    | 17,513,197    | -             | 17,513,197   | 0.0%    |
| 31 Change in net position                | 5,123,571  | (5,131,058) | 10,254,629   | -199.9% | 31,304,804    | (5,070,907)   | 36,375,710   | -717.3% |
| 32 Net position, beginning of year       | -          | -           | -            | -       | 2,331,322,205 | 2,228,421,948 | 102,900,257  | 4.6%    |
| 33 Net position, end of year             | -          | -           | -            | -       | 2,362,627,009 | 2,223,351,041 | 139,275,967  | 6.3%    |

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**WATER SYSTEM FUND**  
**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION**  
**WITH PRIOR YEAR COMPARISONS**  
**August 2018**

|  | A         | B          | C           | D       | E           | F           | G           | H       |
|--|-----------|------------|-------------|---------|-------------|-------------|-------------|---------|
|  | MTD       | MTD        | MTD         | %       | YTD         | YTD         | YTD         | %       |
|  | Actual    | Prior Year | Variance    |         | Actual      | Prior Year  | Variance    |         |
| <b>Operating revenues:</b>               |           |            |             |         |             |             |             |         |
| 1 Sales of water and delinquent fees     | 7,555,032 | 7,294,036  | 260,996     | 3.6%    | 58,819,640  | 58,942,927  | (123,287)   | -0.2%   |
| 2 Sewerage service charges and del fees  | -         | -          | -           | 0.0%    | -           | -           | -           | 0.0%    |
| 3 Plumbing inspection and license fees   | 78,170    | 27,100     | 51,070      | 188.5%  | 409,590     | 207,485     | 202,105     | 97.4%   |
| 4 Other revenues <sup>1</sup>            | 141,744   | 193,966    | (52,222)    | -26.9%  | 915,920     | 1,007,976   | (92,056)    | -9.1%   |
| 5 Total operating revenues               | 7,774,946 | 7,515,102  | 259,844     | 3.5%    | 60,145,150  | 60,158,388  | (13,238)    | 0.0%    |
| <b>Operating Expenses:</b>               |           |            |             |         |             |             |             |         |
| 6 Power and pumping                      | 51,893    | 218,285    | (166,392)   | -76.2%  | 1,491,935   | 2,012,022   | (520,087)   | -25.8%  |
| 7 Treatment                              | 446,095   | 573,444    | (127,349)   | -22.2%  | 5,248,474   | 4,648,306   | 600,168     | 12.9%   |
| 8 Transmission and distribution          | 678,673   | 1,569,595  | (890,922)   | -56.8%  | 13,377,986  | 10,499,835  | 2,878,151   | 27.4%   |
| 9 Customer accounts                      | 153,367   | 165,897    | (12,530)    | -7.6%   | 1,551,008   | 1,407,260   | 143,748     | 10.2%   |
| 10 Customer service                      | 88,095    | 212,613    | (124,518)   | -58.6%  | 1,223,436   | 1,334,725   | (111,289)   | -8.3%   |
| 11 Administration and general            | 616,129   | 722,858    | (106,729)   | -14.8%  | 8,481,570   | 5,308,910   | 3,172,660   | 59.8%   |
| 12 Payroll related                       | 839,776   | 1,552,634  | (712,858)   | -45.9%  | 10,571,814  | 11,214,118  | (642,304)   | -5.7%   |
| 13 Maintenance of general plant          | 526,746   | 1,159,384  | (632,638)   | -54.6%  | 7,304,901   | 10,622,230  | (3,317,329) | -31.2%  |
| 14 Depreciation                          | 845,499   | 845,498    | 1           | 0.0%    | 6,763,991   | 6,675,603   | 88,388      | 1.3%    |
| 15 Amortization                          | -         | -          | -           | 0.0%    | -           | -           | -           | 0.0%    |
| 16 Provision for doubtful accounts       | 95,834    | 95,834     | -           | 0.0%    | 766,672     | 766,672     | -           | 0.0%    |
| 17 Provision for claims                  | 84,787    | 132,840    | (48,053)    | -36.2%  | 799,914     | 828,113     | (28,199)    | -3.4%   |
| 18 Total operating expenses              | 4,426,895 | 7,248,882  | (2,821,987) | -38.9%  | 57,581,701  | 55,317,794  | 2,263,907   | 4.1%    |
| 19 Operating income (loss)               | 3,348,051 | 266,220    | 3,081,831   | 1157.6% | 2,563,449   | 4,840,594   | (2,277,145) | -47.0%  |
| <b>Non-operating revenues (expense):</b> |           |            |             |         |             |             |             |         |
| 20 Two-mill tax                          | -         | -          | -           | 0.0%    | -           | -           | -           | 0.0%    |
| 21 Three-mill tax                        | -         | -          | -           | 0.0%    | -           | -           | -           | 0.0%    |
| 22 Six-mill tax                          | -         | -          | -           | 0.0%    | -           | -           | -           | 0.0%    |
| 23 Nine-mill tax                         | -         | -          | -           | 0.0%    | -           | -           | -           | 0.0%    |
| 24 Interest income                       | -         | 167,841    | (167,841)   | -100.0% | 203,897     | 583,094     | (379,198)   | -65.0%  |
| 25 Other Income                          | -         | -          | -           | 0.0%    | -           | 131,793     | (131,793)   | -100.0% |
| 26 Interest expense                      | -         | -          | -           | 0.0%    | -           | -           | -           | 0.0%    |
| 27 Operating and maintenance grants      | -         | 1,314      | (1,314)     | -100.0% | 317         | 1,490       | (1,173)     | -78.7%  |
| 28 Total non-operating revenues          | -         | 169,155    | (169,155)   | -100.0% | 204,214     | 716,377     | (512,164)   | -71.5%  |
| 29 Income before capital contributions   | 3,348,051 | 435,375    | 2,912,676   | 669.0%  | 2,767,662   | 5,556,971   | (2,789,309) | -50.2%  |
| 30 Capital contributions                 | 726,783   | 4,040,103  | (3,313,320) | -82.0%  | 11,536,341  | 13,788,812  | (2,252,471) | -16.3%  |
| 31 Change in net position                | 4,074,834 | 4,475,478  | (400,644)   | -9.0%   | 14,304,003  | 19,345,783  | (5,041,780) | -26.1%  |
| 32 Net position, beginning of year       |           |            |             |         | 366,595,762 | 337,110,237 | 29,485,525  | 8.7%    |
| 33 Net position, end of year             |           |            |             |         | 380,899,765 | 356,456,020 | 24,443,745  | 6.9%    |

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**WATER SYSTEM FUND**  
**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION**  
**WITH BUDGET COMPARISONS**  
**August 2018**

|  | A         | B         | C           | D         | E           | F           | G            | H        |
|--|-----------|-----------|-------------|-----------|-------------|-------------|--------------|----------|
|  | MTD       | MTD       | MTD         | %         | YTD         | YTD         | YTD          | %        |
|  | Actual    | Budget    | Variance    |           | Actual      | Budget      | Variance     |          |
| <b>Operating revenues:</b>               |           |           |             |           |             |             |              |          |
| 1 Sales of water and delinquent fees     | 7,555,032 | 8,770,727 | (1,215,695) | -13.9%    | 58,819,640  | 70,165,819  | (11,346,179) | -16.2%   |
| 2 Sewerage service charges and del fees  | -         | -         | -           | 0.0%      | -           | -           | -            | 0.0%     |
| 3 Plumbing inspection and license fees   | 78,170    | 26,583    | 51,587      | 194.1%    | 409,590     | 212,663     | 196,927      | 92.6%    |
| 4 Other revenues <sup>1</sup>            | 141,744   | 267,923   | (121,179)   | -46.1%    | 915,920     | 2,103,387   | (1,187,468)  | -56.5%   |
| 5 <b>Total operating revenues</b>        | 7,774,946 | 9,060,234 | (1,285,287) | -14.2%    | 60,145,150  | 72,481,869  | (12,336,719) | -17.0%   |
| <b>Operating Expenses:</b>               |           |           |             |           |             |             |              |          |
| 6 Power and pumping                      | 51,893    | 234,509   | (182,616)   | -77.9%    | 1,491,935   | 1,876,073   | (384,138)    | -20.5%   |
| 7 Treatment                              | 446,095   | 777,455   | (331,360)   | -42.6%    | 5,248,474   | 6,219,642   | (971,168)    | -15.6%   |
| 8 Transmission and distribution          | 678,673   | 1,416,798 | (738,125)   | -52.1%    | 13,377,986  | 11,334,384  | 2,043,602    | 18.0%    |
| 9 Customer accounts                      | 153,367   | 232,947   | (79,580)    | -34.2%    | 1,551,008   | 1,863,579   | (312,571)    | -16.8%   |
| 10 Customer service                      | 88,095    | 220,182   | (132,087)   | -60.0%    | 1,223,436   | 1,761,455   | (538,019)    | -30.5%   |
| 11 Administration and general            | 616,129   | 1,767,199 | (1,151,070) | -65.1%    | 8,481,570   | 14,137,591  | (5,656,021)  | -40.0%   |
| 12 Payroll related                       | 839,776   | 1,361,583 | (521,807)   | -38.3%    | 10,571,814  | 10,892,664  | (320,850)    | -2.9%    |
| 13 Maintenance of general plant          | 526,746   | 1,446,991 | (920,245)   | -63.6%    | 7,304,901   | 11,575,928  | (4,271,027)  | -36.9%   |
| 14 Depreciation                          | 845,499   | 1,329,750 | (484,251)   | -36.4%    | 6,763,991   | 10,638,000  | (3,874,009)  | -36.4%   |
| 15 Amortization                          | -         | -         | -           | 0.0%      | -           | -           | -            | 0.0%     |
| 16 Provision for doubtful accounts       | 95,834    | 175,415   | (79,581)    | -45.4%    | 766,672     | 1,403,317   | (636,645)    | -45.4%   |
| 17 Provision for claims                  | 84,787    | 129,486   | (44,699)    | -34.5%    | 799,914     | 1,035,887   | (235,973)    | -22.8%   |
| 18 <b>Total operating expenses</b>       | 4,426,895 | 9,092,315 | (4,665,419) | -51.3%    | 57,581,701  | 72,738,519  | (15,156,817) | -20.8%   |
| 19 <b>Operating income (loss)</b>        | 3,348,051 | (32,081)  | 3,380,132   | -10536.2% | 2,563,449   | (256,650)   | 2,820,099    | -1098.8% |
| <b>Non-operating revenues (expense):</b> |           |           |             |           |             |             |              |          |
| 20 Two-mill tax                          | -         | -         | -           | 0.0%      | -           | -           | -            | 0.0%     |
| 21 Three-mill tax                        | -         | -         | -           | 0.0%      | -           | -           | -            | 0.0%     |
| 22 Six-mill tax                          | -         | -         | -           | 0.0%      | -           | -           | -            | 0.0%     |
| 23 Nine-mill tax                         | -         | -         | -           | 0.0%      | -           | -           | -            | 0.0%     |
| 24 Interest income                       | -         | 63,684    | (63,684)    | -100.0%   | 203,897     | 509,475     | (305,579)    | -60.0%   |
| 25 Other Income                          | -         | 68,550    | (68,550)    | -100.0%   | -           | 548,403     | (548,403)    | -100.0%  |
| 26 Interest expense                      | -         | -         | -           | 0.0%      | -           | -           | -            | 0.0%     |
| 27 Operating and maintenance grants      | -         | 137,192   | (137,192)   | -100.0%   | 317         | 1,097,533   | (1,097,216)  | -100.0%  |
| 28 <b>Total non-operating revenues</b>   | -         | 269,427   | (269,427)   | -100.0%   | 204,214     | 2,155,412   | (1,951,198)  | -90.5%   |
| 29 Income before capital contributions   | 3,348,051 | 237,345   | 3,110,706   | 1310.6%   | 2,767,662   | 1,898,762   | 868,900      | 45.8%    |
| 30 Capital contributions                 | 726,783   | -         | 726,783     | 0.0%      | 11,536,341  | -           | 11,536,341   | 0.0%     |
| 31 Change in net position                | 4,074,834 | 237,345   | 3,837,489   | 1616.8%   | 14,304,003  | 1,898,762   | 12,405,241   | 653.3%   |
| 32 Net position, beginning of year       |           |           |             |           | 366,595,762 | 337,110,237 | 29,485,525   | 8.7%     |
| 33 Net position, end of year             |           |           |             |           | 380,899,765 | 339,008,999 | 41,890,766   | 12.4%    |



SEWERAGE AND WATER BOARD OF NEW ORLEANS  
SEWER SYSTEM FUND  
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION  
WITH PRIOR YEAR COMPARISONS  
August 2018

Operating revenues:

- 1 Sales of water and delinquent fees
- 2 Sewerage service charges and del fees
- 3 Plumbing inspection and license fees
- 4 Other revenues
- 5 Total operating revenues

Operating Expenses:

- 6 Power and pumping
- 7 Treatment
- 8 Transmission and distribution
- 9 Customer accounts
- 10 Customer service
- 11 Administration and general
- 12 Payroll related
- 13 Maintenance of general plant
- 14 Depreciation
- 15 Amortization
- 16 Provision for doubtful accounts
- 17 Provision for claims
- 18 Total operating expenses

Operating income (loss)

Non-operating revenues (expense):

- 20 Two-mill tax
- 21 Three-mill tax
- 22 Six-mill tax
- 23 Nine-mill tax
- 24 Interest income
- 25 Other Income
- 26 Interest expense
- 27 Operating and maintenance grants
- 28 Total non-operating revenues

- 29 Income before capital contributions
- 30 Capital contributions
- 31 Change in net position

- 32 Net position, beginning of year
- 33 Net position, end of year

|    | A          | B          | C            | D        | E           | F           | G            | H       |
|----|------------|------------|--------------|----------|-------------|-------------|--------------|---------|
|    | MTD        | MTD        | MTD          | %        | YTD         | YTD         | YTD          | %       |
|    | Actual     | Prior Year | Variance     |          | Actual      | Prior Year  | Variance     |         |
| 1  | -          | -          | -            | 0.0%     | -           | -           | -            | 0.0%    |
| 2  | 10,195,325 | 8,703,336  | 1,491,989.00 | 17.1%    | 74,560,020  | 71,404,970  | 3,155,050    | 4.4%    |
| 3  | -          | 27,100     | (27,100.00)  | -100.0%  | 52,933      | 199,015     | (146,082)    | -73.4%  |
| 4  | 38,511     | 11,430     | 27,081       | 236.9%   | 418,011     | 330,625     | 87,386       | 26.4%   |
| 5  | 10,233,836 | 8,741,866  | 1,491,970    | 13053.1% | 75,030,964  | 71,934,610  | 3,096,354    | 4.3%    |
| 6  | 151,709    | 301,082    | (149,373)    | -49.6%   | 3,203,395   | 2,186,361   | 1,017,034    | 46.5%   |
| 7  | (53,630)   | 931,582    | (985,212)    | -105.8%  | 7,419,833   | 10,316,022  | (2,896,189)  | -28.1%  |
| 8  | 605,940    | 1,545,890  | (939,950)    | -60.8%   | 10,127,584  | 7,304,820   | 2,822,764    | 38.6%   |
| 9  | 155,608    | 165,897    | (10,289)     | -6.2%    | 1,553,246   | 1,407,257   | 145,989      | 10.4%   |
| 10 | 90,336     | 213,798    | (123,462)    | -57.7%   | 1,225,673   | 1,346,806   | (121,133)    | -9.0%   |
| 11 | 812,393    | 710,501    | 101,892      | 14.3%    | 10,880,563  | 4,925,597   | 5,954,966    | 120.9%  |
| 12 | 838,829    | 1,157,440  | (318,611)    | -27.5%   | 10,548,506  | 8,409,371   | 2,139,135    | 25.4%   |
| 13 | 589,931    | 243,453    | 346,478      | 142.3%   | 4,946,041   | 1,550,481   | 3,395,560    | 219.0%  |
| 14 | 1,730,049  | 1,730,049  | 0            | 0.0%     | 13,840,392  | 13,703,188  | 137,204      | 1.0%    |
| 15 | -          | -          | -            | 0.0%     | -           | -           | -            | 0.0%    |
| 16 | 88,736     | 88,736     | -            | 0.0%     | 709,888     | 709,888     | -            | 0.0%    |
| 17 | 84,787     | 84,607     | 180          | 0.2%     | 791,312     | 525,527     | 265,785      | 50.6%   |
| 18 | 5,094,689  | 7,173,035  | (2,078,346)  | -29.0%   | 65,246,435  | 52,385,318  | 12,861,117   | 24.6%   |
| 19 | 5,139,147  | 1,568,831  | 3,570,316    | 227.6%   | 9,784,529   | 19,549,292  | (9,764,763)  | -49.9%  |
| 20 | -          | -          | -            | 0.0%     | -           | -           | -            | 0.0%    |
| 21 | -          | -          | -            | 0.0%     | -           | -           | -            | 0.0%    |
| 22 | -          | -          | -            | 0.0%     | -           | -           | -            | 0.0%    |
| 23 | -          | -          | -            | 0.0%     | -           | -           | -            | 0.0%    |
| 24 | -          | 66,027     | (66,027)     | -100.0%  | 102,360     | 364,736     | (262,376)    | -71.9%  |
| 25 | -          | -          | -            | 0.0%     | -           | 164,371     | (164,371)    | -100.0% |
| 26 | -          | -          | -            | 0.0%     | -           | -           | -            | 0.0%    |
| 27 | -          | 166        | (166)        | -100.0%  | -           | 189         | (189)        | -100.0% |
| 28 | -          | 66,193     | (66,193)     | -100.0%  | 102,360     | 529,296     | (426,936)    | -80.7%  |
| 29 | 5,139,147  | 1,635,024  | 3,504,123    | 214.3%   | 9,886,889   | 20,078,588  | (10,191,699) | -50.8%  |
| 30 | 30,861     | 1,174,769  | (1,143,908)  | -97.4%   | 3,053,874   | 3,446,846   | (392,972)    | -11.4%  |
| 31 | 5,170,008  | 2,809,793  | 2,360,215    | 84.0%    | 12,940,762  | 23,525,434  | (10,584,672) | -45.0%  |
| 32 | -          | -          | -            | -        | 816,062,352 | 792,100,836 | 23,961,516   | 3.0%    |
| 33 | -          | -          | -            | -        | 839,003,114 | 815,626,270 | 23,376,844   | 1.6%    |

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**SEWER SYSTEM FUND**  
**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION**  
**WITH BUDGET COMPARISONS**  
**August 2018**

|  | A          | B          | C           | D       | E           | F           | G            | H       |
|--|------------|------------|-------------|---------|-------------|-------------|--------------|---------|
|  | MTD        | MTD        | MTD         | %       | YTD         | YTD         | YTD          | %       |
|  | Actual     | Budget     | Variance    |         | Actual      | Budget      | Variance     |         |
| <b>Operating revenues:</b>               |            |            |             |         |             |             |              |         |
| 1 Sales of water and delinquent fees     | -          | -          | -           | 0.0%    | -           | -           | -            | 0.0%    |
| 2 Sewerage service charges and del fees  | 10,195,325 | 10,777,991 | (582,666)   | -5.4%   | 74,560,020  | 86,223,925  | (11,663,905) | -13.5%  |
| 3 Plumbing inspection and license fees   | -          | 27,173     | (27,173)    | -100.0% | 52,933      | 217,387     | (164,454)    | -75.7%  |
| 4 Other revenues                         | 38,511     | 49,777     | (11,266)    | -22.6%  | 418,011     | 398,214     | 19,797       | 5.0%    |
| 5 Total operating revenues               | 10,233,836 | 10,854,941 | (621,105)   | -5.7%   | 75,030,964  | 86,839,527  | (11,808,563) | -13.6%  |
| <b>Operating Expenses:</b>               |            |            |             |         |             |             |              |         |
| 6 Power and pumping                      | 151,709    | 377,143    | (225,434)   | -59.8%  | 3,203,395   | 3,017,143   | 186,253      | 6.2%    |
| 7 Treatment                              | (53,630)   | 1,173,640  | (1,227,269) | -104.6% | 7,419,833   | 9,389,116   | (1,969,283)  | -21.0%  |
| 8 Transmission and distribution          | 605,940    | 1,313,740  | (707,801)   | -53.9%  | 10,127,584  | 10,509,923  | (382,340)    | -3.6%   |
| 9 Customer accounts                      | 155,608    | 232,947    | (77,339)    | -33.2%  | 1,553,246   | 1,863,579   | (310,332)    | -16.7%  |
| 10 Customer service                      | 90,336     | 220,182    | (129,846)   | -59.0%  | 1,225,673   | 1,761,455   | (535,782)    | -30.4%  |
| 11 Administration and general            | 812,393    | 2,290,141  | (1,477,748) | -64.5%  | 10,880,563  | 18,321,130  | (7,440,567)  | -40.6%  |
| 12 Payroll related                       | 838,829    | 1,439,379  | (600,550)   | -41.7%  | 10,548,506  | 11,515,029  | (966,523)    | -8.4%   |
| 13 Maintenance of general plant          | 589,931    | 934,568    | (344,636)   | -36.9%  | 4,946,041   | 7,476,542   | (2,530,501)  | -33.8%  |
| 14 Depreciation                          | 1,730,049  | 1,863,333  | (133,284)   | -7.2%   | 13,840,392  | 14,906,667  | (1,066,274)  | -7.2%   |
| 15 Amortization                          | -          | -          | -           | 0.0%    | -           | -           | -            | 0.0%    |
| 16 Provision for doubtful accounts       | 88,736     | 215,560    | (126,824)   | -58.8%  | 709,888     | 1,724,479   | (1,014,591)  | -58.8%  |
| 17 Provision for claims                  | 84,787     | 117,569    | (32,782)    | -27.9%  | 791,312     | 940,553     | (149,241)    | -15.9%  |
| 18 Total operating expenses              | 5,094,689  | 10,178,202 | (5,083,512) | -49.9%  | 65,246,435  | 81,425,615  | (16,179,180) | -19.9%  |
| 19 Operating income (loss)               | 5,139,147  | 676,739    | 4,462,408   | 659.4%  | 9,784,529   | 5,413,911   | 4,370,617    | 80.7%   |
| <b>Non-operating revenues (expense):</b> |            |            |             |         |             |             |              |         |
| 20 Two-mill tax                          | -          | -          | -           | 0.0%    | -           | -           | -            | 0.0%    |
| 21 Three-mill tax                        | -          | -          | -           | 0.0%    | -           | -           | -            | 0.0%    |
| 22 Six-mill tax                          | -          | -          | -           | 0.0%    | -           | -           | -            | 0.0%    |
| 23 Nine-mill tax                         | -          | -          | -           | 0.0%    | -           | -           | -            | 0.0%    |
| 24 Interest income                       | -          | 38,868     | (38,868)    | -100.0% | 102,360     | 310,947     | (208,587)    | -67.1%  |
| 25 Other Income                          | -          | 76,820     | (76,820)    | -100.0% | -           | 614,562     | (614,562)    | -100.0% |
| 26 Interest expense                      | -          | -          | -           | 0.0%    | -           | -           | -            | 0.0%    |
| 27 Operating and maintenance grants      | -          | 137,192    | (137,192)   | -100.0% | -           | 1,097,533   | (1,097,533)  | -100.0% |
| 28 Total non-operating revenues          | -          | 252,880    | (252,880)   | -100.0% | 102,360     | 2,023,042   | (1,920,682)  | -94.9%  |
| 29 Income before capital contributions   | 5,139,147  | 929,619    | 4,209,528   | 452.8%  | 9,886,889   | 7,436,953   | 2,449,935    | 32.9%   |
| 30 Capital contributions                 | 30,861     | -          | 30,861      | 0.0%    | 3,053,874   | -           | 3,053,874    | 0.0%    |
| 31 Change in net position                | 5,170,008  | 929,619    | 4,240,389   | 456.1%  | 12,940,762  | 7,436,953   | 5,503,809    | 74.0%   |
| 32 Net position, beginning of year       | -          | -          | -           | -       | 816,062,352 | 792,100,836 | 23,961,516   | 3.0%    |
| 33 Net position, end of year             | -          | -          | -           | -       | 829,003,114 | 799,537,789 | 29,465,325   | 3.7%    |

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
DRAINAGE SYSTEM FUND  
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION  
WITH PRIOR YEAR COMPARISONS  
August 2018

Operating revenues:

|   | A      | B          | C        | D      | E      | F          | G        | H      |
|---|--------|------------|----------|--------|--------|------------|----------|--------|
|   | MTD    | MTD        | MTD      | %      | YTD    | YTD        | YTD      | %      |
|   | Actual | Prior Year | Variance |        | Actual | Prior Year | Variance |        |
| 1 Sales of water and delinquent fees    | -      | -          | -        | 0.0%   | -      | -          | -        | 0.0%   |
| 2 Sewerage service charges and del fees | -      | -          | -        | 0.0%   | -      | -          | -        | 0.0%   |
| 3 Plumbing inspection and license fees  | -      | -          | -        | 0.0%   | -      | -          | -        | 0.0%   |
| 4 Other revenues                        | 3,004  | 4,723      | (1,719)  | -36.4% | 74,798 | 25,767     | 49,031   | 190.3% |
| 5 Total operating revenues              | 3,004  | 4,723      | (1,719)  | -36.4% | 74,798 | 25,767     | 49,031   | 190.3% |

Operating Expenses:

|                                    | A           | B           | C         | D       | E            | F            | G            | H       |
|------------------------------------|-------------|-------------|-----------|---------|--------------|--------------|--------------|---------|
|                                    | MTD         | MTD         | MTD       | %       | YTD          | YTD          | YTD          | %       |
|                                    | Actual      | Prior Year  | Variance  |         | Actual       | Prior Year   | Variance     |         |
| 6 Power and pumping                | 2,198,658   | 853,530     | 1,345,128 | 157.6%  | 21,145,480   | 5,690,996    | 15,454,484   | 271.6%  |
| 7 Treatment                        | -           | 13,161      | (13,161)  | -100.0% | -            | 72,573       | (72,573)     | -100.0% |
| 8 Transmission and distribution    | 258,102     | 54,606      | 203,496   | 372.7%  | 2,580,803    | 498,270      | 2,082,533    | 418.0%  |
| 9 Customer accounts                | 2,283       | 567         | 1,716     | 302.6%  | 18,092       | 4,652        | 13,440       | 288.9%  |
| 10 Customer service                | 4,518       | 19,417      | (14,899)  | -76.7%  | 34,216       | 70,098       | (35,882)     | -51.2%  |
| 11 Administration and general      | 341,382     | 571,412     | (230,030) | -40.3%  | 5,164,770    | 4,304,091    | 860,679      | 20.0%   |
| 12 Payroll related                 | 574,997     | 946,564     | (371,567) | -39.3%  | 6,864,995    | 6,705,052    | 159,943      | 2.4%    |
| 13 Maintenance of general plant    | 230,462     | 590,402     | (359,940) | -61.0%  | 2,747,093    | 4,328,740    | (1,581,647)  | -36.5%  |
| 14 Depreciation                    | 1,755,129   | 1,755,129   | 0         | 0.0%    | 14,041,036   | 14,222,905   | (181,869)    | -1.3%   |
| 15 Amortization                    | -           | -           | -         | 0.0%    | -            | -            | -            | 0.0%    |
| 16 Provision for doubtful accounts | -           | -           | -         | 0.0%    | -            | -            | -            | 0.0%    |
| 17 Provision for claims            | 42,394      | 92,233      | (49,839)  | -54.0%  | 417,307      | 451,895      | (34,588)     | -7.7%   |
| 18 Total operating expenses        | 5,407,925   | 4,897,021   | 510,904   | 10.4%   | 53,013,791   | 36,349,272   | 16,664,519   | 45.8%   |
| 19 Operating income (loss)         | (5,404,921) | (4,892,298) | (512,623) | 10.5%   | (52,938,994) | (36,323,505) | (16,615,489) | 45.7%   |

Non-operating revenues (expense):

|  | A           | B          | C            | D       | E             | F             | G            | H      |
|--|-------------|------------|--------------|---------|---------------|---------------|--------------|--------|
|  | MTD         | MTD        | MTD          | %       | YTD           | YTD           | YTD          | %      |
|  | Actual      | Prior Year | Variance     |         | Actual        | Prior Year    | Variance     |        |
| 20 Two-mill tax                        | -           | 640        | (640)        | -100.0% | 84            | 1,662         | (1,578)      | -94.9% |
| 21 Three-mill tax                      | 235,684     | 12,853,009 | (12,617,325) | -98.2%  | 15,051,631    | 13,277,614    | 1,774,017    | 13.4%  |
| 22 Six-mill tax                        | 226,507     | 288,870    | (62,363)     | -21.6%  | 15,602,408    | 15,711,953    | (109,545)    | -0.7%  |
| 23 Nine-mill tax                       | 339,489     | 432,985    | (93,496)     | -21.6%  | 23,387,333    | 23,551,465    | (164,132)    | -0.7%  |
| 24 Interest income                     | -           | 38,956     | (38,956)     | -100.0% | 34,593        | 116,428       | (81,835)     | -70.3% |
| 25 Other Income                        | -           | -          | -            | 0.0%    | -             | -             | -            | 0.0%   |
| 26 Interest expense                    | -           | -          | -            | 0.0%    | -             | -             | -            | 0.0%   |
| 27 Operating and maintenance grants    | -           | -          | -            | 0.0%    | -             | -             | -            | 0.0%   |
| 28 Total non-operating revenues        | 801,680     | 13,614,460 | (12,812,780) | -94.1%  | 54,076,050    | 52,659,122    | 1,416,928    | 2.7%   |
| 29 Income before capital contributions | (4,603,241) | 8,722,162  | (13,325,403) | -152.8% | 1,137,056     | 16,335,617    | (15,198,561) | -93.0% |
| 30 Capital contributions               | 481,969     | 1,649,643  | (1,167,674)  | -70.8%  | 2,972,982     | 3,912,595     | (939,613)    | -25.3% |
| 31 Change in net position              | (4,121,272) | 10,371,805 | (14,493,077) | -139.7% | 4,060,038     | 20,248,212    | (16,188,174) | -79.9% |
| 32 Net position, beginning of year     | -           | -          | -            | -       | 1,148,664,091 | 1,099,210,875 | 49,453,216   | 4.5%   |
| 33 Net position, end of year           | -           | -          | -            | -       | 1,152,724,129 | 1,119,459,087 | 33,265,042   | 3.0%   |

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
DRAINAGE SYSTEM FUND  
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION  
WITH BUDGET COMPARISONS  
August 2018

|  | A             | B             | C               | D       | E             | F             | G               | H       |
|--|---------------|---------------|-----------------|---------|---------------|---------------|-----------------|---------|
|  | MTD<br>Actual | MTD<br>Budget | MTD<br>Variance | %       | YTD<br>Actual | YTD<br>Budget | YTD<br>Variance | %       |
| <b>Operating revenues:</b>               |               |               |                 |         |               |               |                 |         |
| 1 Sales of water and delinquent fees     | -             | -             | -               | 0.0%    | -             | -             | -               | 0.0%    |
| 2 Sewerage service charges and del fees  | -             | -             | -               | 0.0%    | -             | -             | -               | 0.0%    |
| 3 Plumbing inspection and license fees   | -             | -             | -               | 0.0%    | -             | -             | -               | 0.0%    |
| 4 Other revenues                         | 3,004         | -             | 3,004           | 100.0%  | 74,798        | -             | 74,798          | 100.0%  |
| 5 Total operating revenues               | 3,004         | -             | 3,004           | 100.0%  | 74,798        | -             | 74,798          | 100.0%  |
| <b>Operating Expenses:</b>               |               |               |                 |         |               |               |                 |         |
| 6 Power and pumping                      | 2,198,658     | 1,583,617     | 615,041         | 38.8%   | 21,145,480    | 12,668,938    | 8,476,542       | 66.9%   |
| 7 Treatment                              | -             | -             | -               | 0.0%    | -             | -             | -               | 0.0%    |
| 8 Transmission and distribution          | 258,102       | 349,727       | (91,626)        | -26.2%  | 2,580,803     | 2,797,819     | (217,017)       | -7.8%   |
| 9 Customer accounts                      | 2,283         | 2,494         | (211)           | -8.5%   | 18,092        | 19,954        | (1,862)         | -9.3%   |
| 10 Customer service                      | 4,518         | 5,531         | (1,013)         | -18.3%  | 34,216        | 44,247        | (10,031)        | -22.7%  |
| 11 Administration and general            | 341,382       | 1,062,067     | (720,686)       | -67.9%  | 5,164,770     | 8,496,537     | (3,331,768)     | -39.2%  |
| 12 Payroll related                       | 574,997       | 766,045       | (191,048)       | -24.9%  | 6,864,995     | 6,128,361     | 736,634         | 12.0%   |
| 13 Maintenance of general plant          | 230,462       | 735,293       | (504,831)       | -68.7%  | 2,747,093     | 5,882,347     | (3,135,254)     | -53.3%  |
| 14 Depreciation                          | 1,755,129     | 1,795,833     | (40,704)        | -2.3%   | 14,041,036    | 14,366,667    | (325,631)       | -2.3%   |
| 15 Amortization                          | -             | -             | -               | 0.0%    | -             | -             | -               | 0.0%    |
| 16 Provision for doubtful accounts       | -             | -             | -               | 0.0%    | -             | -             | -               | 0.0%    |
| 17 Provision for claims                  | 42,394        | 98,639        | (56,245)        | -57.0%  | 417,307       | 789,110       | (371,803)       | -47.1%  |
| 18 Total operating expenses              | 5,407,925     | 6,399,248     | (991,323)       | -15.5%  | 53,013,791    | 51,193,980    | 1,819,811       | 3.6%    |
| 19 Operating income (loss)               | (5,404,921)   | (6,399,248)   | 994,327         | -15.5%  | (52,938,994)  | (51,193,980)  | (1,745,014)     | 3.4%    |
| <b>Non-operating revenues (expense):</b> |               |               |                 |         |               |               |                 |         |
| 20 Two-mill tax                          | -             | -             | -               | 0.0%    | 84            | -             | 84              | 0.0%    |
| 21 Three-mill tax                        | 235,684       | -             | 235,684         | 0.0%    | 15,051,631    | 9,886,624     | 5,165,007       | 52.2%   |
| 22 Six-mill tax                          | 226,507       | -             | 226,507         | 0.0%    | 15,602,408    | 10,440,807    | 5,161,600       | 49.4%   |
| 23 Nine-mill tax                         | 339,489       | -             | 339,489         | 0.0%    | 23,387,333    | 15,650,127    | 7,737,207       | 49.4%   |
| 24 Interest income                       | -             | 30,500        | (30,500)        | -100.0% | 34,593        | 244,000       | (209,407)       | -85.8%  |
| 25 Other Income                          | -             | 81,583        | (81,583)        | -100.0% | -             | 652,666       | (652,666)       | -100.0% |
| 26 Interest expense                      | -             | (10,858)      | 10,858          | -100.0% | -             | (86,866)      | 86,866          | -100.0% |
| 27 Operating and maintenance grants      | -             | -             | -               | 0.0%    | -             | -             | -               | 0.0%    |
| 28 Total non-operating revenues          | 801,680       | 101,225       | 700,455         | 692.0%  | 54,076,050    | 36,787,358    | 17,288,692      | 47.0%   |
| 29 Income before capital contributions   | (4,603,241)   | (6,298,022)   | 1,694,782       | -26.9%  | 1,137,056     | (14,406,622)  | 15,543,678      | -107.9% |
| 30 Capital contributions                 | 481,969       | -             | 481,969         | 0.0%    | 2,922,982     | -             | 2,922,982       | 0.0%    |
| 31 Change in net position                | (4,121,272)   | (6,298,022)   | 2,176,751       | -34.6%  | 4,060,038     | (14,406,622)  | 18,466,660      | -128.2% |
| 32 Net position, beginning of year       | -             | -             | -               | -       | 1,148,664,091 | 1,099,210,875 | 49,453,216      | 4.5%    |
| 33 Net position, end of year             | -             | -             | -               | -       | 1,152,724,129 | 1,084,804,253 | 67,919,876      | 6.3%    |

# Sewerage and Water Board of New Orleans

## Total System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End August 2018

**EUM Attribute:**  
Financial Viability

**Description:** Establish and maintain an effective balance between long-term debt, assets values, operations and maintenance expenditures, and operating revenues.

**Constituency:**  
Suppliers and  
Bondholders

**Objective:** Provide adequate cash to pay invoices on a timely basis

**Goal:** Cash balance of at least 180 days of O&M expenses.

**Currently Meeting Goal:** No

**Process Operating Within Control Limits:**  
No

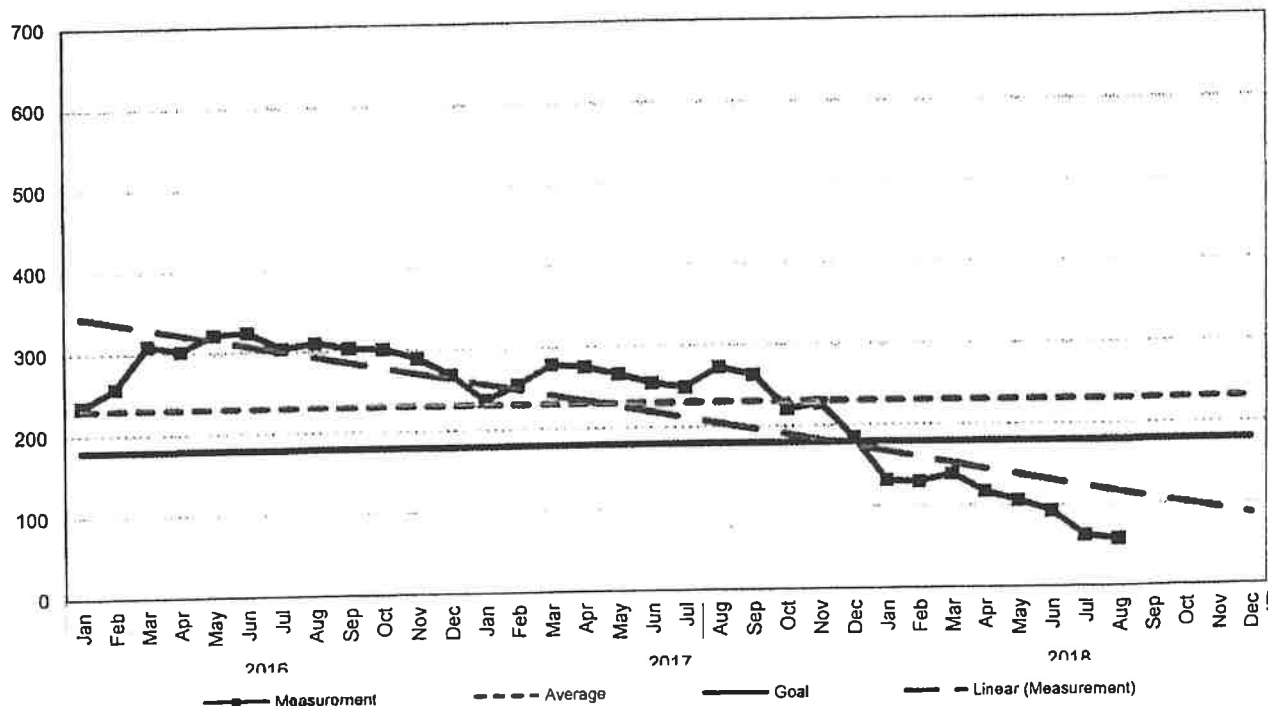
**Trend:** Unfavorable

### Analysis

Monthly cash balances have remained stable except for repayment of previous inter-system loans. Note: Reclassification of certain current assets from restricted to unrestricted in October 2013 resulted in higher unrestricted balances.

### Plans for Improvement

Utilize revenues generated from operations to increase cash balances according to 2011-2020 Financial Plan.



Data Table

|      | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2016 | 234.7 | 257.4 | 309.3 | 302.7 | 321.7 | 324.2 | 304.3 | 310.6 | 304.1 | 302.0 | 289.7 | 269.0 |
| 2017 | 236.4 | 255.0 | 279.2 | 275.9 | 266.7 | 254.8 | 249.5 | 273.7 | 263.4 | 221.0 | 227.2 | 185.1 |
| 2018 | 132.6 | 130.6 | 139.6 | 118.1 | 106.3 | 92.9  | 62.9  | 58.3  |       |       |       |       |

# Sewerage and Water Board of New Orleans

## Water System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End August 2018

**EUM Attribute:**  
Financial Viability

**Description:** Establish and maintain an effective balance between long-term debt, assets values, operations and maintenance expenditures, and operating revenues.

**Constituency:**  
Suppliers and  
Bondholders

**Objective:** Provide adequate cash to pay invoices on a timely basis

**Goal:** Cash balance of at least 180 days of O&M expenses.

**Currently Meeting Goal:** No

**Process Operating Within Control Limits:**  
Yes

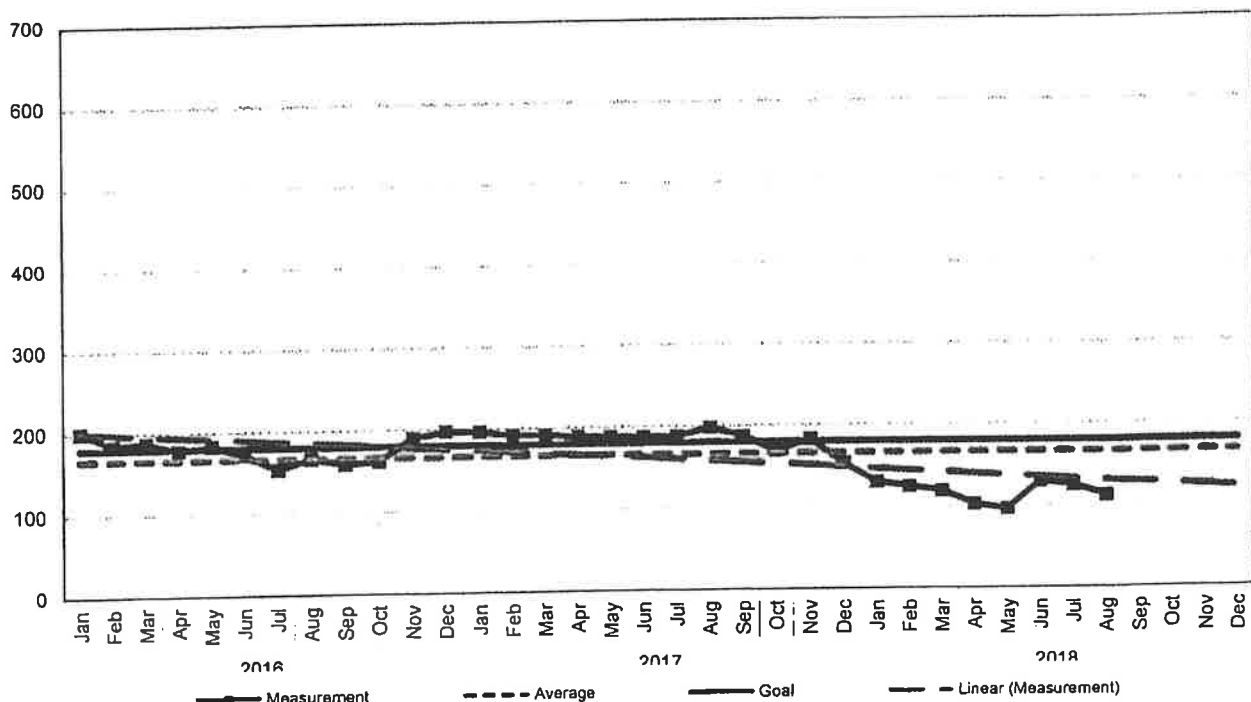
**Trend:** Unfavorable

### Analysis

Monthly cash balances have remained stable except for repayment of previous inter-system loans. Note: Reclassification of certain current assets from restricted to unrestricted in October 2013 resulted in higher unrestricted balances.

### Plans for Improvement

Utilize revenues generated from operations to increase cash balances according to 2011-2020 Financial Plan.



Data Table

|      | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2016 | 200.6 | 184.5 | 187.7 | 178.0 | 183.0 | 171.5 | 153.5 | 165.9 | 158.9 | 162.2 | 189.3 | 197.3 |
| 2017 | 196.2 | 191.3 | 190.9 | 188.7 | 188.1 | 187.2 | 187.8 | 198.2 | 187.2 | 168.8 | 182.7 | 153.0 |
| 2018 | 130.1 | 124.7 | 119.0 | 102.4 | 96.4  | 130.0 | 124.7 | 112.2 |       |       |       |       |

# Sewerage and Water Board of New Orleans

## Sewer System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End August 2018

**EUM Attribute:**  
**Financial Viability**

**Description:** Establish and maintain an effective balance between long-term debt, assets values, operations and maintenance expenditures, and operating revenues.

**Constituency:**  
**Suppliers and  
Bondholders**

**Objective:** Provide adequate cash to pay invoices on a timely basis

**Goal:** Cash balance of at least 180 days of O&M expenses.

**Currently Meeting**  
**Goal: No**

**Process Operating**  
**Within Control Limits:**  
**No**

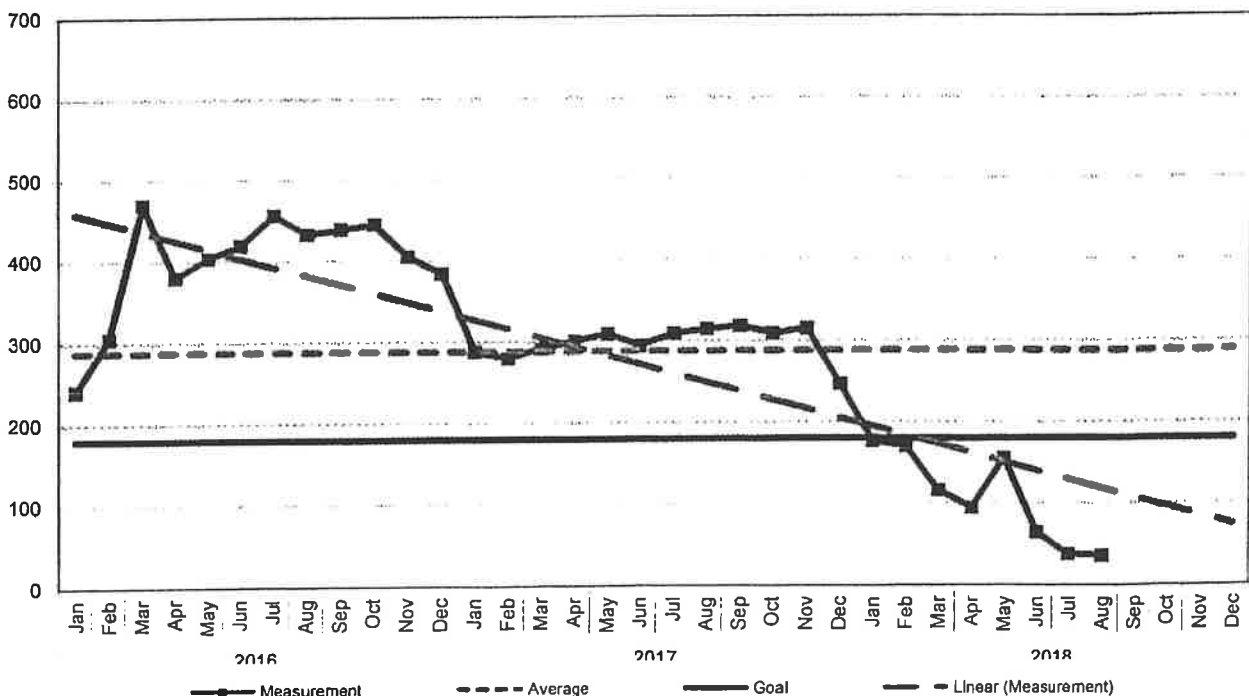
**Trend: Unfavorable**

### Analysis

Monthly cash balances have remained stable except for repayment of previous inter-system loans. Note: Reclassification of certain current assets from restricted to unrestricted in October 2013 resulted in higher unrestricted balances.

### Plans for Improvement

Utilize revenues generated from operations to increase cash balances according to 2011-2020 Financial Plan.



**Data Table**

|      | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2016 | 241.4 | 305.3 | 469.9 | 380.4 | 403.7 | 419.5 | 456.4 | 433.1 | 438.7 | 444.9 | 405.1 | 383.9 |
| 2017 | 287.5 | 279.1 | 291.3 | 300.4 | 308.7 | 294.4 | 309.3 | 314.6 | 317.9 | 309.3 | 315.3 | 246.7 |
| 2018 | 176.8 | 169.9 | 115.7 | 94.3  | 155.4 | 64.4  | 37.7  | 35.9  |       |       |       |       |

# Sewerage and Water Board of New Orleans

## Drainage System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End August 2018

**EUM Attribute:**  
Financial Viability

**Description:** Establish and maintain an effective balance between long-term debt, assets values, operations and maintenance expenditures, and operating revenues.

**Constituency:**  
Suppliers and  
Bondholders

**Objective:** Provide adequate cash to pay invoices on a timely basis

**Goal:** Cash balance of at least 180 days of O&M expenses.

**Currently Meeting Goal:** No

**Process Operating Within Control Limits:**  
No

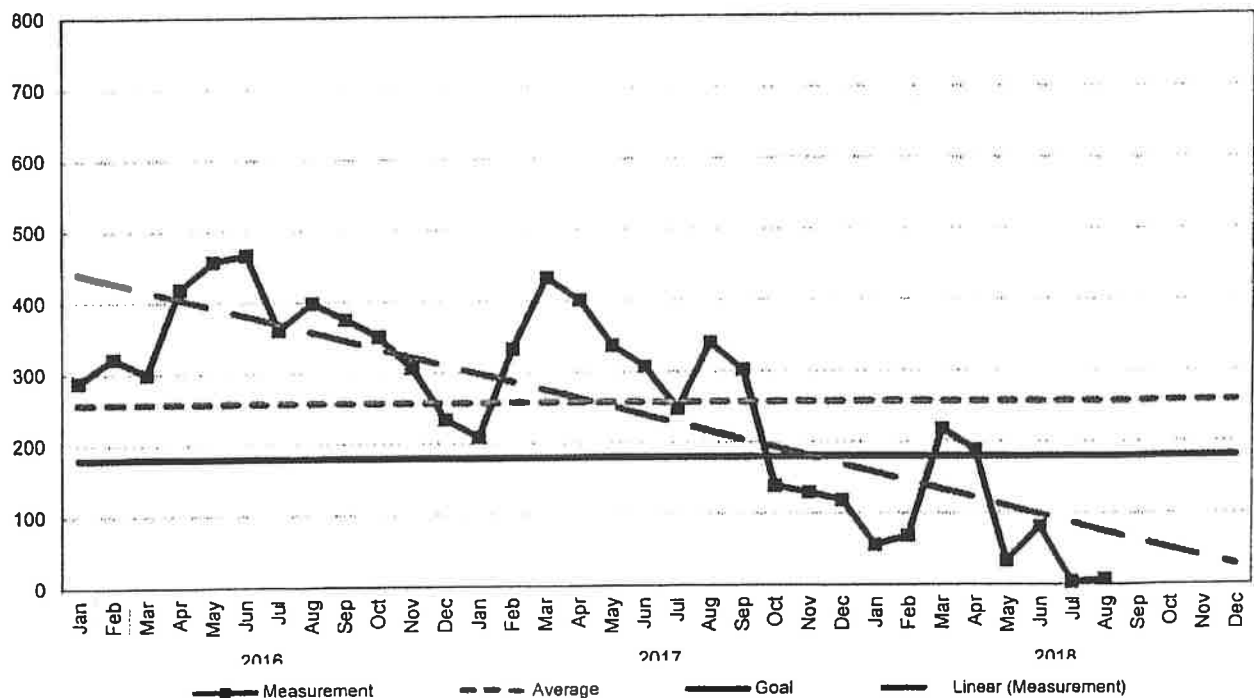
**Trend:** Unfavorable

### Analysis

Monthly cash balances typically increase during the first quarter from property tax collections and then decrease for the remainder of the year. The long-term goal will not be met until a new revenue stream for the drainage system is created and implemented.

### Plans for Improvement

Utilize revenues generated from operations to increase cash balances according to 2011-2020 Financial Plan.



Data Table

|      | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2016 | 287.9 | 321.6 | 299.4 | 419.2 | 457.5 | 466.6 | 360.3 | 398.3 | 375.3 | 351.2 | 306.8 | 233.7 |
| 2017 | 209.5 | 333.3 | 432.7 | 400.8 | 337.1 | 307.5 | 247.6 | 340.3 | 302.4 | 139.2 | 130.2 | 119.1 |
| 2018 | 56.1  | 69.0  | 218.1 | 188.2 | 33.6  | 81.6  | 3.8   | 7.5   |       |       |       |       |



**Sewerage and Water Board of New Orleans**  
**Comparative Variance Indicators for Financial Results**  
**Through August 2018**

| <b>Statement of Revenues, Expenses, and Changes in Net Position with Prior Year Comparisons</b> | <b>Total</b> | <b>Water</b> | <b>Sewer</b> | <b>Drainage</b> |
|---|--------------|--------------|--------------|-----------------|
| Revenues  |              |              |              |                 |
| Operating Expenses  |              |              |              |                 |
| Non-Operating Revenues and Expenses   |              |              |              |                 |
| Income before Capital Contributions   |              |              |              |                 |
|   |              |              |              |                 |
| <b>Statement of Revenues, Expenses, and Changes in Net Position with Budget Comparisons</b>     | <b>Total</b> | <b>Water</b> | <b>Sewer</b> | <b>Drainage</b> |
| Revenues  |              |              |              |                 |
| Operating Expenses  |              |              |              |                 |
| Non-Operating Revenues and Expenses   |              |              |              |                 |
| Income before Capital Contributions   |              |              |              |                 |
|   |              |              |              |                 |
| <b>Statement of Net Position with Prior Year Comparisons</b>                                    | <b>Total</b> | <b>Water</b> | <b>Sewer</b> | <b>Drainage</b> |
| Plant, Property, and Equipment  |              |              |              |                 |
| Restricted Current Assets   |              |              |              |                 |
| Unrestricted Designated Current Assets  |              |              |              |                 |
| Unrestricted Undesignated Current Assets  |              |              |              |                 |
| Net Position  |              |              |              |                 |
| Long-Term Liabilities   |              |              |              |                 |
| Current Liabilities from Unrestricted Assets  |              |              |              |                 |
| Current Liabilities from Restricted Assets  |              |              |              |                 |
|   |              |              |              |                 |
| <b>Statement of Cash Flows with Prior Year Comparisons</b>                                      | <b>Total</b> | <b>Water</b> | <b>Sewer</b> | <b>Drainage</b> |
| Operating Activities  |              |              |              |                 |
| Non-Capital Financing Activities  |              |              |              |                 |
| Capital and Related Financing Activities  |              |              |              |                 |
| Investing Activities  |              |              |              |                 |
| Net Increase in Cash  |              |              |              |                 |

**Green = Favorable Variance**

**Yellow = Unfavorable Variance / No Action Recommended**

**Red = Unfavorable Variance / Action Recommended**

Project Delivery Unit  
September Report

| Hurricane Katrina          |  | # of PWs | Obligations       | FEMA Revenue Received per LAFA | % Financially Complete | Total # PWs Submitted for Closeout | Total \$ Value Submitted for Closeout | # PWs Officially Closed | % Submitted | % Closed | # PWs Submitted but Not Closed | Total \$ Value Submitted but Not Closed |
|----------------------------|--|----------|-------------------|--------------------------------|------------------------|------------------------------------|---------------------------------------|-------------------------|-------------|----------|--------------------------------|---|
| St. Joseph Headquarters    |  | 20       | \$ 2,130,363.14   | \$ 1,158,854.70                | 54%                    | 19                                 | \$ 1,031,766.15                       | 14                      | 95%         | 70%      | 5                              | \$ 593,378.70                           |
| Central Yard               |  | 42       | \$ 28,973,277.96  | \$ 22,356,127.48               | 77%                    | 40                                 | \$ 27,963,534.91                      | 29                      | 95%         | 69%      | 11                             | \$ 5,712,463.41                         |
| Wastewater Treatment Plant |  | 128      | \$ 90,712,540.10  | \$ 76,088,968.85               | 84%                    | 127                                | \$ 84,848,032.10                      | 122                     | 99%         | 95%      | 5                              | \$ 37,730,394.66                        |
| Carrollton Water Plant     |  | 55       | \$ 75,728,958.07  | \$ 62,149,378.86               | 82%                    | 53                                 | \$ 14,156,839.47                      | 48                      | 96%         | 87%      | 5                              | \$ 1,465,579.71                         |
| Distribution Network       |  | 27       | \$ 196,947,608.73 | \$ 160,419,057.43              | 81%                    | 25                                 | \$ 116,455,094.26                     | 16                      | 93%         | 59%      | 9                              | \$ 86,657,050.46                        |
| JIRK                       |  | 55       | \$ 336,836,351.85 | \$ 56,843,856.91               | 17%                    | 0                                  | \$ -                                  | 0                       | 0%          | 0%       | 0                              | \$ -                                    |
| Pump Stations              |  | 166      | \$ 81,257,572.96  | \$ 69,255,550.83               | 85%                    | 156                                | \$ 69,182,541.69                      | 139                     | 94%         | 84%      | 17                             | \$ 22,736,131.61                        |
| Total                      |  | 493      | \$ 812,588,672.81 | \$ 448,271,795.06              | 55%                    | 420                                | \$ 313,637,808.58                     | 368                     | 85%         | 75%      | 52                             | \$ 154,894,998.55                       |

| Hurricane Gustav |  | # of PWs | Obligations   | FEMA Revenue Received | % Financially Complete | Total # PWs Submitted for Closeout | Total \$ Value Submitted for Closeout | # PWs Officially Closed | % Submitted | % Closed | # PWs Submitted but Not Closed | Total \$ Value Submitted but Not Closed |
|------------------|--|----------|---------------|-----------------------|------------------------|------------------------------------|---------------------------------------|-------------------------|-------------|----------|--------------------------------|---|
| Total            |  | 9        | \$ 668,689.06 | \$ 668,689.06         | 100%                   | 9                                  | \$ 668,689.06                         | 9                       | 100%        | 100%     | 0                              | \$ 2,910.42                             |

| Hurricane Isaac |  | # of PWs | Obligations     | FEMA Revenue Received | % Financially Complete | Total # PWs Submitted for Closeout | Total \$ Value Submitted for Closeout | # PWs Officially Closed | % Submitted | % Closed | # PWs Submitted but Not Closed | Total \$ Value Submitted but Not Closed |
|-----------------|--|----------|-----------------|-----------------------|------------------------|------------------------------------|---------------------------------------|-------------------------|-------------|----------|--------------------------------|---|
| Total           |  | 8        | \$ 1,554,775.01 | \$ 955,019.44         | 61%                    | 1                                  | \$ 4,540.20                           | 1                       | 13%         | 13%      | 0                              | \$ -                                    |

| Hurricane Katrina Hazard Mitigation |  | # of Contracts | Obligations       | FEMA Revenue Received | % Financially Complete | Total # of Contracts Completed | Total \$ Value Submitted for Closeout | # PWs Contracts Closed | % Submitted | % Closed | Contracts Submitted but Not Closed | Total \$ Value Submitted but Not Closed |
|-------------------------------------|--|----------------|-------------------|-----------------------|------------------------|--------------------------------|---------------------------------------|------------------------|-------------|----------|------------------------------------|---|
| Retrofit of Power House             |  | 39             | \$ 91,510,697.00  | \$ 71,160,334.17      | 78%                    | 2                              | \$ -                                  | 0                      | 0%          | 0%       | 0                                  | \$ -                                    |
| Flood Mitigation of 9 SPS           |  | 6              | \$ 19,987,722.00  | \$ 19,076,237.25      | 95%                    | 8                              | \$ -                                  | 0                      | 0%          | 0%       | 0                                  | \$ -                                    |
| Total                               |  | 19             | \$ 111,498,419.00 | \$ 90,237,071.42      | 81%                    | 10                             | \$ -                                  | 0                      | 0%          | 0%       | 0                                  | \$ -                                    |

| Hurricane Ike Hazard Mitigation |  | # of Projects | Obligations   | FEMA Revenue Received | % Financially Complete | Total # of Contracts Completed | Total \$ Value Submitted for Closeout | # PWs Contracts Closed | % Submitted | % Closed | Contracts Submitted but Not Closed | Total \$ Value Submitted but Not Closed |
|---------------------------------|--|---------------|---------------|-----------------------|------------------------|--------------------------------|---------------------------------------|------------------------|-------------|----------|------------------------------------|---|
| Five Underpass Generators       |  | 2             | \$ 988,658.00 | \$ 31,503.00          | 3%                     | 0                              | \$ -                                  | 0                      | 0%          | 0%       | 0                                  | \$ -                                    |
| Total                           |  | 1             | \$ 988,658.00 | \$ 31,503.00          | 3%                     | 0                              | \$ -                                  | 0                      | 0%          | 0%       | 0                                  | \$ -                                    |



## SEWERAGE AND WATER BOARD

### Inter-Office Memorandum

**Date:** September 28, 2018

**To:** Ghassan Korban, Executive Director



**From:** Irma Plummer, EDBP Director

**Re:** EDBP Contract Summary - October 2018

#### ANALYSES CONDUCTED BY EDBP

For the month of September 2018, the EDBP Department received two (2) Goods and Services contracts to review.

#### **GOODS AND SERVICES CONTRACTS**

##### Air Conditioning and Heating, Maintenance for Carrollton and Algiers Water Purification Plants – REQ NO. PM18-0018

On Thursday, September 20, 2018, one (1) bid was received for subject contract. The bid total is as follows:

|                  |             |
|------------------|-------------|
| Siemens Industry | \$81,000.00 |
|------------------|-------------|

Five percent (5%) SLDBE participation was requested on this contract.

**Siemens Industry**, the sole bidder, submitted Holi Services, Inc. (Eligible – Certified SLDBE) for cleaning and changing air filters. Unsigned correspondence from the DBE on their own letterhead reaffirming negotiated terms was provided.

*Total Participation:* \$4,050 – 5.0%

Based upon analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by Siemens Industry be considered as non-responsive to meeting EDBP bid requirements.

**Furnishing Chemical Control of Foliage at Specified SWBNO Locations within the City of New Orleans – REQ NO. GM18-0003**

On Thursday, September 27, 2018, three (3) bids were received for subject contract. The bids totals are as follows:

|   |              |
|---|--------------|
| Deangelo Brothers, LLC DBA DBI Services | \$242,915.00 |
| Progressive Solutions, LLC              | \$248,844.09 |
| Chem Spray South, Inc.                  | \$249,000.00 |

Ten percent (10%) SLDBE participation was requested on this contract.

**Deangelo Brothers, LLC**, the lowest bidder, did not submit a completed participation summary sheet nor signed correspondence from the DBE on their own letterhead reaffirming negotiated terms. *Total Participation: \$0.00 – 00.00%*

Documented evidence of a Good Faith Effort accompanied with notarized affidavit was not provided.

**Progressive Solutions, LLC**, the second lowest bidder, submitted Holi Services, Inc. (Eligible – Certified SLDBE) to provide labor and Impco, Inc. (Eligible – Certified SLDBE) to provide chemicals. *Total Participation: \$62,211.02 – 30.00%*

- ❖ Impco, Inc., provided signed correspondence on their letterhead reaffirming negotiated terms, their participation represents 25% of the established 10% goal which satisfies EDBP requirements.
- ❖ Holi Services, Inc., provided unsigned correspondence on their letterhead reaffirming negotiated terms, their participation represents 5% of the established 10% goal but is of no consequence because the goal commitment has been satisfied.

**Chem Spray South, Inc.**, the third lowest bidder, submitted Ricard's, Inc. (Eligible – Certified SLDBE) to supply herbicides and Impco, Inc. (Eligible – Certified SLDBE) to supply herbicides. Signed correspondence from both DBEs on their own letterhead reaffirming negotiated terms was provided. *Total Participation: \$21,000.00 – 00.08%*

Documented evidence of a Good Faith Effort accompanied with notarized affidavit was not provided.

Based upon analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by Progressive Solutions, LLC, be considered as responsive to meeting EDBP bid requirements and the SLDBE participation submitted by Deangelo Brother's LLC and Chem Spray South Inc. be considered as non-responsive.

**Construction Review Committee Recommendations**

The Construction Review Committee convened Thursday, September 13, 2018, and made the following recommendations:

**OPEN MARKET CONTRACTS**

1. **Contract #1370A - 60 Hz Outdoor Switchgear and Transformer**  
Budget Amount: \$6,157,900.00  
Recommended Percentage Goal: 21%  
Renewal Option(s): None
2. **Contract #1377 - Water Hammer Hazard Mitigation Program: Claiborne Pump Station and Off-Site Improvements**  
Budget Amount: \$29,900,000.00  
Recommended Percentage Goal: 36%  
Renewal Option(s): None

**Staff Contract Review Committee Recommendations**

The Staff Contract Review Committee met on Thursday, September 13, 2018 and made the following recommendations:

**OPEN MARKET CONTRACTS**

1. **Professional Legal Services (Maritime Claims)**  
Budget Amount: \$100,000.00  
Recommended Percentage Goal: 15%  
Renewal Option(s): One (1) year with two (2) one-year renewal options
2. **Audit Services for Evaluating and Implementing Internal Controls**  
Budget Amount: \$300,000.00  
Recommended Percentage Goal: 35%  
Renewal Option(s): One (1) year with no renewal option

**FINAL ACCEPTANCE CONTRACTS with SLDBE PARTICIPATION**

For the month of September 2018, there were no Final Acceptance contracts with SLDBE participation to report.

**Sewerage & Water Board of New Orleans Contracts with DBE Participation January through September 2018**

See report as follows:

**Sewerage & Water Board New Orleans Awarded Projects with SLDBE Participation January 2018 - September 2018**

| Category                       | Category Dollar Amount | SLDBE Dollar Value   |
|--------------------------------|------------------------|----------------------|
| Construction Projects          |                        |                      |
| Goods & Services Projects      | \$ 38,748,228          | \$ 12,925,835        |
| Professional Services Projects | \$ 1,529,243           | \$ 335,887           |
|                                | \$ 1,661,089           | \$ 194,374           |
| <b>Grand Total</b>             | <b>\$ 41,938,560</b>   | <b>\$ 13,456,096</b> |

| Contract No./Description   | %DBE Goal | Contract \$    | Prime                                | Sub(s)  | % DBE Part (Prime) | \$ Sub Award   | \$ Sub Paid                                 | % DBE Sub Paid | Award date |
|--|-----------|----------------|--------------------------------------|---|--------------------|----------------|---|----------------|------------|
| #2129 - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish | 36%       | \$970,663.00   | Grady Crawford Construction Co., Inc | Purnell Construction Co., LLC; to provide labor, material, and equipment  | 36.18%             | \$316,000.00   | Notice to Proceed has not been delivered    |                | 2/21/2018  |
| #8155 - Carrollton Water Plant Engineering Building Renovations  | 35%       | \$443,000.00   | Malin Construction Co., Inc.         | Thornville Services, Inc.; to perform demolition, electrical, drywall, framing, and painting  | 42.88%             | \$190,000.00   | No payment recorded to prime or sub to date |                | 2/21/2018  |
| #30106 - Rehabilitation of Bio-Reactor Train #4 at the East Bank Wastewater Treatment Plant  | 19%       | \$1,867,000.00 | Chart Mechanical Construction, LLC   | EFT Diversified, Inc.; to perform transportation and disposal of removed materials  | 20.56%             | \$390,000.00   | NTP has not been delivered                  |                | 2/21/2018  |
| #30110 - Electrical Improvements Phase II Replacement of Motor   | 13%       | \$969,000.00   | Waller J Barnes Electric Co., Inc    | C. Watson Group, LLC; to supply electrical equipment  | 37.67%             | \$385,000.00   | NTP has not been delivered                  |                | 3/28/2018  |
| #5241 - DPS #1 Anti-Siphon Project   | 10%       | \$529,000.00   | M.R. Pittman Group, LLC              | J. Brown Construction, LLC; to supply butterfly valves and actuators  | 45.68%             | \$241,638.00   | NTP has not been delivered                  |                | 3/28/2018  |
| #30216 - Electrical Improvements Phase II Replacement of Motor Control Centers F&G and Associated 480v Switchgear at EBWWTP                    | 36%       | \$696,300.00   | Wallace C. Drennan, Inc              | Prince Dump Truck Services, LLC; to provide general hauling of various types of material, to-and-from job sites. Supply sand & aggregate materials, trucking and Choice Supply Solutions; to supply materials | 20.82%             | \$187,000.00   | NTP has not been delivered                  |                | 3/28/2018  |
|  |           |                |                                      | Cooper Contracting Group, LLC; construction underground utilities, site preparation, concrete and asphalt paving  | 8.96%              | 62,500.00      |   |                |            |
|  |           |                |                                      |   | 8.35%              | 75,000.00      |   |                |            |
|  |           |                |                                      | Total   | 35.12%             | \$324,500.00   |   |                |            |
| #2130 - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish | 36%       | \$3,887,040.00 | Wallace C. Drennan, Inc.             | C&M Construction Group, Inc.; to perform asphalt and concrete restoration   | 25.88%             | \$1,010,000.00 | NTP has not been delivered                  |                | 5/16/2018  |
|  |           |                |                                      | Prince Dump Truck Services, LLC; to perform trucking and hauling services   | 5.16%              | 200,712.00     |   |                |            |
|  |           |                |                                      | Choice Supply Solutions; to provide hydrants and all associated products  | 5.15%              | 200,000.00     |   |                |            |
|  |           |                |                                      | Total   | 36.29%             | \$1,410,712.00 |   |                |            |
| #2131 - Installation of New Water, Sewer, and Drain Service Connections at Various Sites throughout Orleans Parish                             | 38%       | \$2,982,550.00 | Fleming Construction Co., LLC        | Cooper Contracting Group, LLC; to perform installation of service connections and asphalt and concrete pavement restoration   | 30.38%             | \$900,000.00   | NTP has not been delivered                  |                | 5/16/2018  |
|  |           |                |                                      | F.P. Richard Construction, LLC; to perform asphalt and concrete pavement restoration  | 4.39%              | 130,000.00     |   |                |            |
|  |           |                |                                      | Hebert's Trucking and Equipment Service; to perform trucking  | 1.69%              | 50,000.00      |   |                |            |
|  |           |                |                                      | Total   | 36.46%             | \$1,080,000.00 |   |                |            |



| Contract No./Description  | %DBE Goal | Contract \$     | Prime                                    | Sub(s)   | % DBE Part (Prime)                                  | \$ Sub Award   | \$ Sub Paid                | % DBE Sub Paid |
|---|-----------|-----------------|--|--|---|--|----------------------------|----------------|
| #30109 - Sewer Pumping Station A Structural Rehabilitation  | 36%       | \$1,669,984.00  | Cycle Construction Co., LLC              | K-Belle Consultants, LLC; to perform structural and flatwork construction<br>RHL Investments, LLC; to perform architectural painting<br>NOLA Steele Fabrication & Erection, LLC; to install structural steel<br>Traffic Solutions, Inc.; to provide temporary signs and barricades<br>A&A Enterprises, Inc.; to perform sawcutting & wall sawing<br>Urban Systems, Inc; to provide traffic control plan<br>Total | 32.09%<br>2.78%<br>1.47%<br>0.26%<br>0.26%<br>0.21% | \$535,967.00<br>46,489.00<br>24,579.00<br>4,307.50<br>4,377.00<br>3,500.00 | NTP has not been delivered | 5/16/2018      |
| #30211 - Acoustic Pipe Assessment, Cleaning, CCTV Inspection, and Application of Grease Inhibiting Chemical of Sanitary Sewer and/or Storm Drainage Mains at Scattered Sites within Orleans Parish  | 36%       | \$1,291,750.00  | Compliance EnviroSystems, LLC            | Blue Flash Sewer Services, Inc.; to perform pipe cleaning and CCTV inspection  | 40.00%  | \$616,700.00   | NTP has not been delivered | 3/28/2018      |
| #30217 - Cleaning and CCTV Inspection of Sanitary Sewer Mains at Scattered Sites within Orleans Parish  | 36%       | \$715,350.00    | Compliance EnviroSystems, LLC            | Blue Flash Sewer Services, Inc; to perform pipe cleaning and CCTV inspection   | 40.00%  | \$286,140.00   | NTP has not been delivered | 3/28/2018      |
| #30102 - OPS #17/Station D Structural Repairs   | 26%       | \$8,766,710.00  | The McDonnell Group, LLC                 | Small Construction Group; to supply masonry material, perform masonry point and crack repair, installation of scaffold<br>NOLA Steele Fabrication & Erection, LLC; to supply, fabricate, and install structural steel components<br>Total  | 22.54%<br>4.71%                                     | \$1,976,000.00<br>413,165.87   | NTP has not been delivered | 5/16/2018      |
| #30218 - Restoration of Gravity Flow Sanitary Sewers by Point Repair of Sewer Mains at Various Sites throughout the City of New Orleans   | 36%       | \$3,899,888.00  | Command Construction Industries, LLC     | C&M Construction Group, Inc.; to perform roadway restoration<br>Cooper Contracting Group; to perform sewer rehabilitation<br>Total   | 25.48%<br>10.52%                                    | \$993,800.00<br>410,160.00   | NTP has not been delivered | 5/16/2018      |
| #1406 - Structural and Filter Rehab in the Area of Sycamore Filter Gallery; Filers #13, #15, #18, and #17   | 20%       | \$2,402,950.00  | Industrial & Mechanical Contractors, Inc | Gridline Services, LLC; to remove and install filter media   | 36.00%  | \$1,403,960.00   | NTP has not been delivered | 7/21/2018      |
| #3799 - Biosolid Incinerator System Improvements Sludge Drying System Equipment Installation at the East Bank Wastewater Treatment Plant  | 38%       | \$3,667,900.00  | Industrial & Mechanical Contractors, Inc | Ashley Savarino Unlimited Construction, LLC; demolition, relocation of tank, steel fabrication, equipment storage and setting  | 38.47%  | \$583,800.00   | NTP has not been delivered | 7/21/2018      |
| #30219 - Restoration of Gravity Flow Sanitary Sewers by Excavation and Replacement from Manhole-to-Manhole, CIPP Lining from Manhole-to-Manhole, CIPP Lining of Service Laterals and Point Repair at Various Sites throughout the City of New Orleans | 36%       | \$3,877,123.00  | Wallace C. Drennan, Inc                  | C&M Construction Group, Inc.; to perform Municipal & Public Work construction<br>Dieudonne Enterprises; Municipal & Public Work construction<br>Choice Supply Solutions; material supplies<br>Price Dump Truck Services, LLC; trucking and hauling services<br>Total   | 25.79%<br>3.87%<br>0.77%<br>6.45%                   | \$1,000,000.00<br>\$150,000.00<br>\$30,000.00<br>250,000.00                | NTP has not been delivered | 5/16/2018      |
| Total Construction Projects   |           | \$38,748,228.00 |  |  | 33%   | \$12,925,836.37  |                            |                |

# Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2018 - September 2018

## Goods & Services Projects Awarded 2018

| Contract No./Description  | %DBE Goal | Contract \$           | Prime                            | Sub(s)   | % DBE Part (Prime) | \$ Sub Award        | \$ Sub Paid                 | % DBE Sub Paid | Award date |
|---|-----------|-----------------------|----------------------------------|--|--------------------|---------------------|-----------------------------|----------------|------------|
| #YW18-0001 - Furnishing Hand Tools, Hardware Supplies, Paint & Paint Supplies                       | 30%       | \$314,142.90          | Assorted Products, LLC           | Westbank Paper & Janitorial Supply, Inc.; to provide supplies          | 30.08%             | \$94,500.00         | No invoice activity to date |                | 3/28/2018  |
| #PM18-0014 - Furnishing Hoses and Accessories   | 5%        | \$136,586.55          | Atlas Hose & Gasket Co., LLC     | Next Generation Logistics; to perform logistical and delivery services | 5.01%              | \$6,841.00          | No invoice activity to date |                | 5/16/2018  |
| #PM18-0064 - Furnishing of Solid Waste Disposal Services  | 20%       | \$61,675.64           | Richard's Disposal, Inc.         | MDL Enterprises, Inc.; to perform roll-off hauling                     | 20.11%             | \$12,400.00         | NTP has not been delivered  |                | 6/14/2018  |
| #PDU18-0018 - Purchase, Delivery and Installation of Office Furniture for the JIR Office Renovation | 10%       | \$96,817.00           | Contract Furniture Group, LLC    | Bart's Office, Inc.; to receive, deliver, and install furniture        | 10.18%             | \$9,853.17          | NTP has not been delivered  |                | 6/14/2018  |
| Furnishing Grass Cutting and Debris Pickup of SWBNO West Bank Canal                                 | 20%       | \$309,255.66          | Ramelli Janitorial Service, Inc. | The Hardie Company, LLC  | 20%                | \$61,851.13         |                             |                | 7/1/2018   |
| Furnishing Grass Cutting and Debris Pickup of SWBNO East Bank Canal                                 | 25%       | \$610,765.20          | Ramelli Janitorial Service, Inc. | The Hardie Company, LLC  | 25%                | \$150,441.30        |                             |                | 7/1/2018   |
| <b>Total Goods &amp; Services Projects</b>  |           | <b>\$1,529,242.95</b> |                                  |  | <b>22%</b>         | <b>\$335,886.60</b> |                             |                |            |

# Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2018 - September 2018

## Professional Services Projects Awarded 2018

| Contract No./Description   | %DBE Goal | Contract \$           | Prime                                      | Sub(s)  | % DBE Part (Prime) | \$ Sub Award        | \$ Sub Paid                              | % DBE Sub Paid | Award date |
|--|-----------|-----------------------|--|---|--------------------|---------------------|--|----------------|------------|
| EV180001 - Municipal Separate Storm Water (MS4) Permit Renewal, MS4 Annual Report, and Spill Prevention, Control, Countermeasure (SPCC) Plan | 5%        | \$120,854.00          | Digital Engineering                        | The Beta Group  | 5.00%              | \$6,270.00          | Notice to Proceed has not been delivered |                | 3/28/2018  |
| EV180002 - Environmental Consulting Services for Limited Phase II Subsurface Investigation of Existing Diesel Above Ground Storage Tank      | 5%        | \$26,046.00           | APTIM Environmental & Infrastructure, Inc. | Gulf South Engineering and Testing, Inc.                  | 6%                 | \$1,560.00          | Notice to Proceed has not been delivered |                | 3/28/2018  |
| HMGP Contract 1368 For Oak Street Pumping Station Rehabilitation Testing Services  | 35%       | \$230,925.00          | Fugro USA Land, Inc.                       | Gulf South Testing & Inspection                           | 35%                | \$80,823.75         |  |                | 4/16/2018  |
| DPS #4 Canopy and Bridge Crane   | 35%       | \$308,264.00          | All South Consulting Engineers, LLC        | Infinity Engineering Consultants, LLC                     | 12.40%             | \$38,120.00         |  |                | 5/3/2018   |
|  |           |                       |  | The Beta Group Engineering and Construction Services, LLC | 22%                | \$67,600.00         |  |                |            |
|  |           |                       |  | <b>Total</b>  | <b>34.40%</b>      |                     |  |                |            |
| Contract 170065 - Leak Detection and Fire Flow Testing Services at Various Sites throughout Orleans Parish                                   | 15%       | \$975,000.00          | Echologies, LLC                            | Fulcrum Enterprises                                       | 15%                | \$146,250.00        |  |                | 6/20/2018  |
| <b>Total Professional Services Projects</b>  |           | <b>\$1,661,089.00</b> |  |   | <b>12%</b>         | <b>\$194,373.75</b> |  |                |            |