

SEWERAGE & WATER BOARD OF NEW ORLEANS

FINANCE AND ADMINISTRATION COMMITTEE MEETING

WEDNESDAY, SEPTEMBER 9, 2020

9:00 AM

[September 2020 Finance Attendee Link](#)

Call In # : [+1 504-224-8698](#) United States,
New Orleans (Toll)

Conference ID: 794 190 886#

PUBLIC COMMENT WILL BE ACCEPTED VIA EMAIL TO

BOARDRELATIONS@SWBNO.ORG. ALL PUBLIC COMMENTS MUST BE RECEIVED PRIOR TO
9:30 AM ON September 9, 2020. COMMENTS WILL BE READ VERBATIM INTO THE
RECORD.

Lynes Sloss Janet Howard

Joseph Peychaud Ralph Johnson Alejandra Guzman

FINAL AGENDA

1. **ROLL CALL**

2. **PRESENTATION ITEM**

- 2019 CAFR Overview – Philip Gunn and Brandy Smith, Posthlewaite & Netterville

3. **DISCUSSION ITEM**

- Monthly Financial Update

4. **ACTION ITEMS**

- Resolution (R-112-2020) Fifth Supplemental Sewerage Service Revenue Bond
- Resolution (R-110-2020) To Adopt the Sewerage and Water Board Millage for the Fiscal Year 2021
- Resolution (R-111-2020) Authorization to Renew and Extend Licensing Agreement with Environmental Systems Research Institute, Inc.

General Superintendent's Report

- **BIDS & RENEWALS**

- Resolution (R-100-2020) Contract 1403 Award – Construction of Carrollton Water Plant West Substation/Demolition of C7 and C8 Basins

- **CHANGE ORDERS**

- Resolution (R-102-2020) Ratification of Change Order No. 3 for Contract 30109 – SPS A Structural Rehabilitation

- **CONTRACT AMENDMENTS**

- Resolution (R-004-2020) Ratification of Contract Amendment No. 2 for Professional Services Between the Sewerage and Water Board of New Orleans and Design Engineering, Inc., for 404 Sewer HMGP
- Resolution (R-103-2020) Ratification of Contract Amendment No. 6 for Professional Services Between the Sewerage and Water Board of New Orleans and Meyer Engineers LTD, for Design and Engineering Services for the Water Line Replacement Program
- Resolution (R-104-2020) Ratification of Contract Amendment No. 5 for Professional Services Between the Sewerage and Water Board of New Orleans and Linfield, Hunter & Junius, Inc., for Design and Engineering Services for the Water Line Replacement Program
- Resolution (R-105-2020) Ratification of Contract Amendment No. 10 for Professional Services Between the Sewerage and Water Board of New Orleans and Stanley Consultants, Inc., for Design and Engineering Services for Water Hammer Hazard Mitigation Program

- **CONTRACT FINAL ACCEPTANCE**

- Resolution (R-101-2020) Final Acceptance for Contract 30102 – DPS 17/Station D Structural Repairs

5. INFORMATION ITEMS

- FEMA August Project Worksheet Status
- Executive Director's Approval of Contracts of \$1,000,000.00 or Less
- DBE Participation on Contracts
 - DBE Bid Analysis
 - Construction Review Committee – Goals Setting
 - Staff Contract Review Committee - Goals Setting
 - Final Acceptance of Construction Contracts with DBE Participation

6. PUBLIC COMMENT

Public comments received until 30 minutes after the presentation of the Agenda will be read into the record

7. ADJOURNMENT

This teleconference meeting is being held pursuant to and in accordance with the provisions of Section 4 of Proclamation Number JBE 2020-30, extended by Proclamation 111 JBE 2020, pursuant to Section 3 of Act 302 of 2020.

EXECUTIVE SUMMARY

July 2020

The end of July 2020 reflects 58% of the year. A summary analysis of the financial results and other performance goals is attached for your further review.

(in millions)	<u>Actual</u>	<u>YTD Budget*</u>	<u>Annual Budget</u>	<u>Variance to Ann Budget</u>	<u>Actual/Ann Budget (%)</u>
Operating Revenues	\$157.4	\$ 157.0	\$ 269.0	\$ 111.6	58%
Ad Valorem/Other Rev**	63.0	n/a	73.5	10.8	85%
Operating Expenditures	148.1	188.4	321.0	174.6	46%

YTD = Year to Date (through July)

* YTD Budget assumes revenues and expenditures are collected and spent evenly throughout the year. Ad Valorem taxes are generally collected in the first quarter of each year.

** Ad Valorem and Other Revenue before deduction of interest expense.

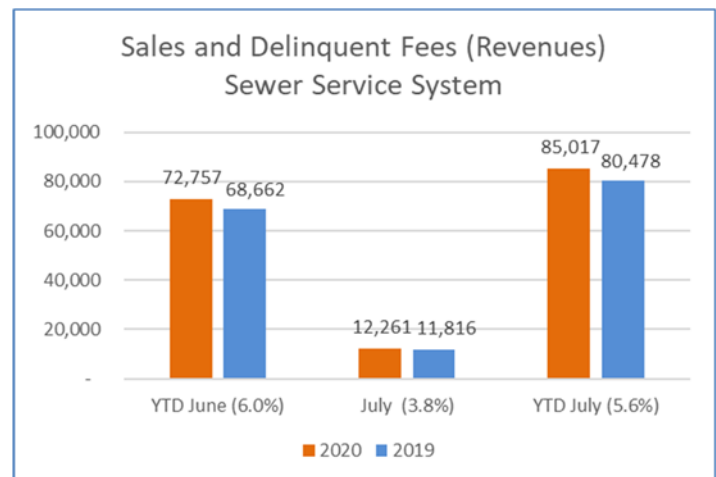
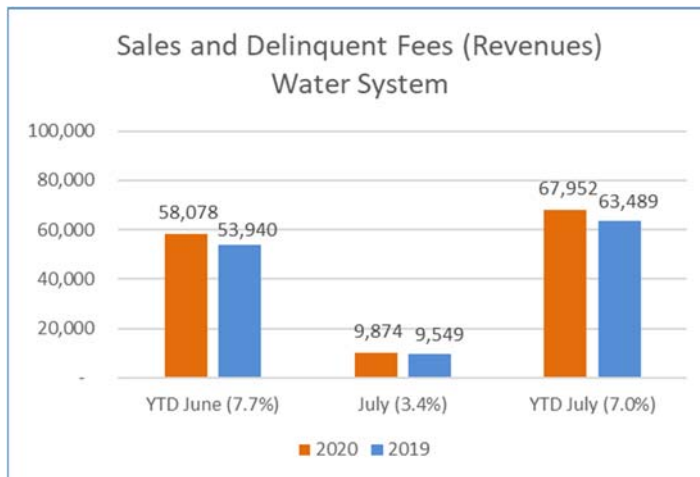
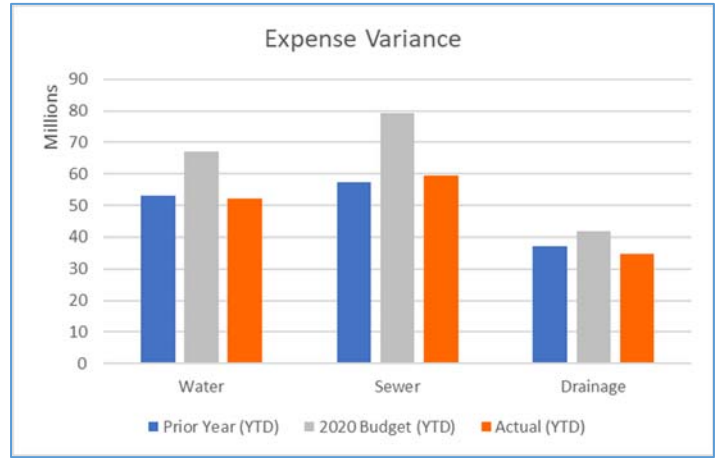
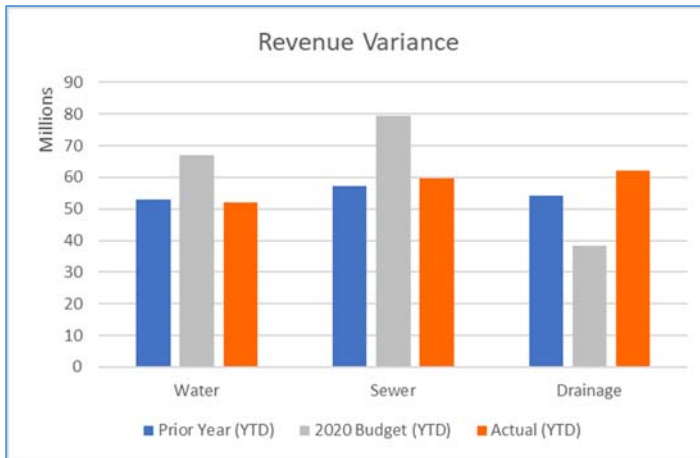
Net Income (as of July 2020)

Operating Revenues	Budget (MTD)	Actual (MTD)	Budget YTD	Actual (YTD)	2019 (YTD)	Actuals as % of YTD Budget
Water Service	9,912,699	9,873,673	69,388,891	67,951,545	63,488,775	97.9%
Sewer Service	12,409,210	12,260,855	86,864,468	85,017,415	80,478,146	97.9%
Non Operating Rev (Drainage)	5,462,466		38,237,260	62,168,183	55,178,997	
Misc Revenues	759,597	308,394	5,317,171	5,250,504	4,615,331	
Total Revenues	28,543,972	22,442,922	199,807,790	220,387,647	203,761,249	110.3%
Operating Expenses						
Water Service	9,587,310	8,128,081	67,111,173	53,143,600	53,069,260	79.2%
Sewer Service	11,343,257	7,812,683	79,402,797	59,829,225	57,228,250	75.3%
Drainage Service	5,983,982	5,130,952	41,887,871	35,211,232	37,103,038	84.1%
Total Expenses	26,914,549	21,071,716	188,401,841	148,184,057	147,400,548	78.7%
Interest Expense		1,710,986		11,932,676	11,133,931	
Revenues less Expenses	1,629,423	(339,780)	11,405,949	60,270,914	45,226,770	
Adjustment for non-cash expense	6,121,125	5,747,933	42,847,875	41,918,354	39,036,029	
Revenues less adjusted Expenses	7,750,548	5,408,153	54,253,824	102,189,268	84,262,799	

The Net Operating Income is presented on a budget basis.

Revenue and Expense

Actual revenues and expenditures to date are close to 2019 levels, despite a 10% rate increase, reflecting the downward pressures caused by COVID-19.



Debt Obligations

Debt Information - As of July 31, 2020					
		Water	Sewer	Drainage ⁽¹⁾	Total
Debt Outstanding:					
Revenue Bonds*		182,065,000	199,365,000		381,430,000
Limited Tax Bonds				5,850,000	5,850,000
DEQ SRF Loans*			6,167,550		6,167,550
GoZone Loan			40,044,839		40,044,839
Total Debt Outstanding		182,065,000	245,577,389	5,850,000	433,492,389
Unspent Bond Proceeds ⁽²⁾					
Available Undrawn DEQ Loan Proceeds		281,388	10,306,316		10,587,703
(South Shore Basin Project)			9,872,500		9,872,500
Available Borrowed Funds		281,388	20,178,816	-	20,460,203
(1) For Drainage, SELA debt payments are \$2,931,746 due Oct 2020 through 2025; \$7,916,858, 2026 through 2049; and, \$4,985,112, 2050 through 2055.					
(2) As reported by BLCD, July 2020 statements.					

Capital

2020 CAPITAL DISBURSEMENTS (As of 7/31/20)

	Budgeted	Actual Expenditures	
		YTD	Remaining
Grant Funded Projects (FEMA/HMGP)	\$ 209,466,231.00	6,981,167.58	\$ 202,485,063.42
Fair Share Projects	\$ 8,000,000.00	\$ 1,030,625.00	\$ 6,969,375.00
Targeted Funded Projects	\$ 95,428,650.00	\$ 15,598,608.99	\$ 79,830,041.01
Total	\$ 312,894,881.00	\$ 23,610,401.57	\$ 289,284,479.43

Federal Grant/Funding Status [update not available at time of printing]

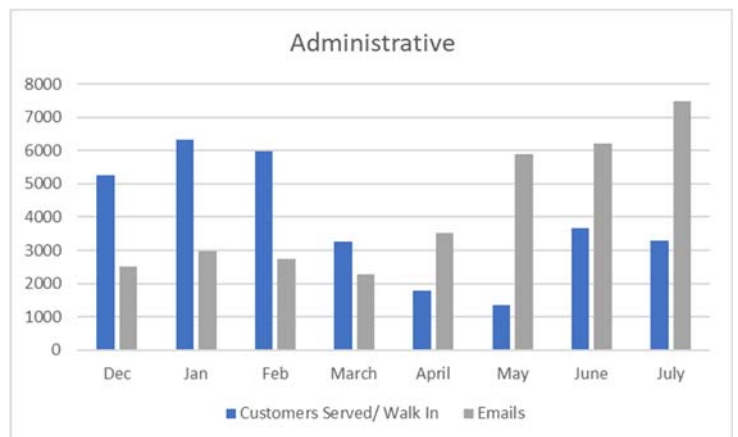
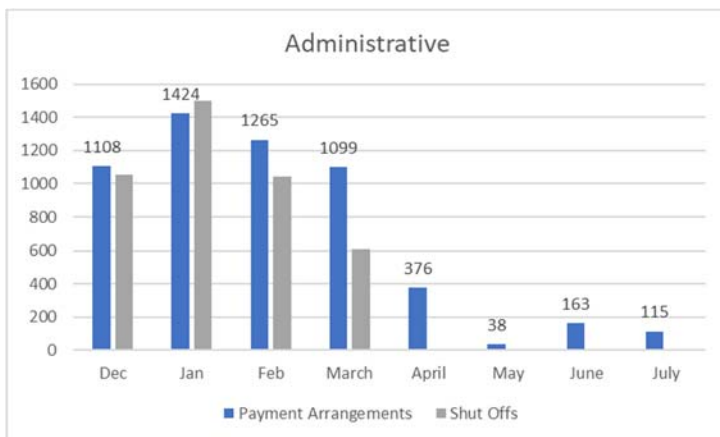
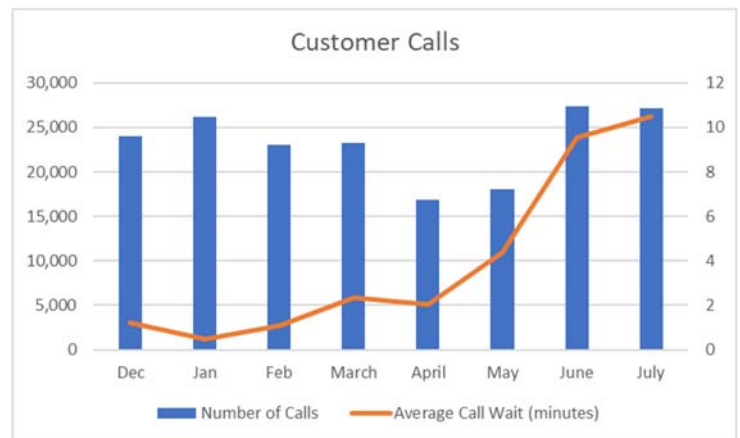
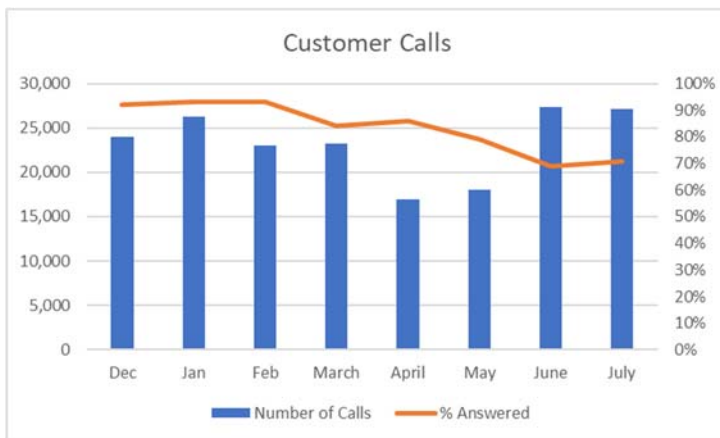
FEDERAL GRANT/FUNDING STATUS (AS OF 6/30/20)

	Authorized	Obligated	Expended	Reimbursed
Hurricane PA Projects	547,876,986	547,137,978	501,816,442	468,637,269
HMGP Projects	217,955,728	171,774,769	178,910,782	127,622,354
JIRR Projects	268,448,968	268,448,968	7,824,197	4,241,597
Total	1,034,281,682	987,361,716	688,551,421	600,501,220

Customer Experience:

In July 2020, a total of 42,283 customers were served via the call center, IVR or emails. Call center staff have been redirected to support virtual response activities. These reports do not include actions and responses related to investigations.

Total # Calls	Total calls Answered	Total Dropped Calls	Average Call Wait	% Answered
27,134	19,225	7,909	10 min 51 secs	69%



Billing Accuracy

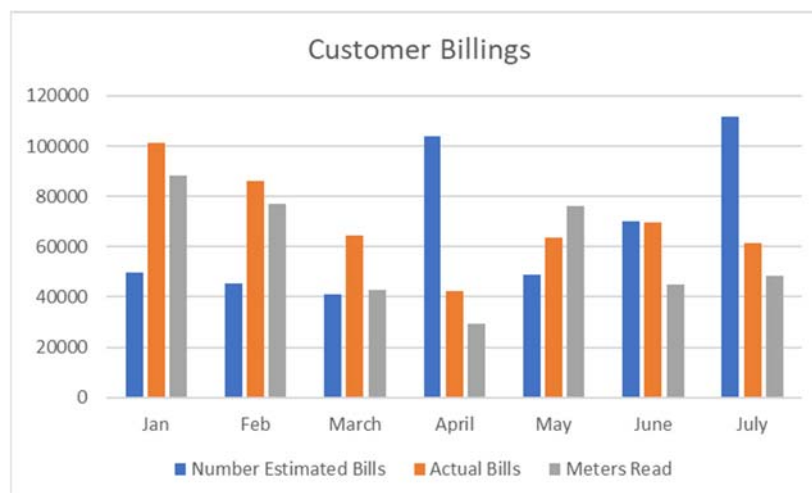
The billing and collections division is responsible for the creation and distribution of accurate customer bills, resolving all billing complaints, interfacing with large non-residential customers and ensuring successful collections efforts to ensure the financial solvency of SWBNO. Accuracy of customer bills depends on measuring and reporting the actual water use of each customer. In addition, the integrity of the system relies on account investigations, as necessary, from either customer inquiries or from staff-initiated queries. The following metrics are monitored to help management measure and improve the bill accuracy, improve the customer response time and implement best practice collection activity.

The Sewerage and Water Board (SWBNO) suspended water service shut-offs Thursday, March 12, and will adhere to this policy change for the duration of the Mayor's Declared Emergency proclamation in response to the COVID-19 pandemic.

The high number of estimated reads, caused by COVID-19 related staffing shortages and seasonal turnover, drive billing complaints and inaccuracies. To address this challenge, SWBNO has augmented its meter reading staff with 20 temporary employees to help our internal team provide actual reads of meters over the next three months.

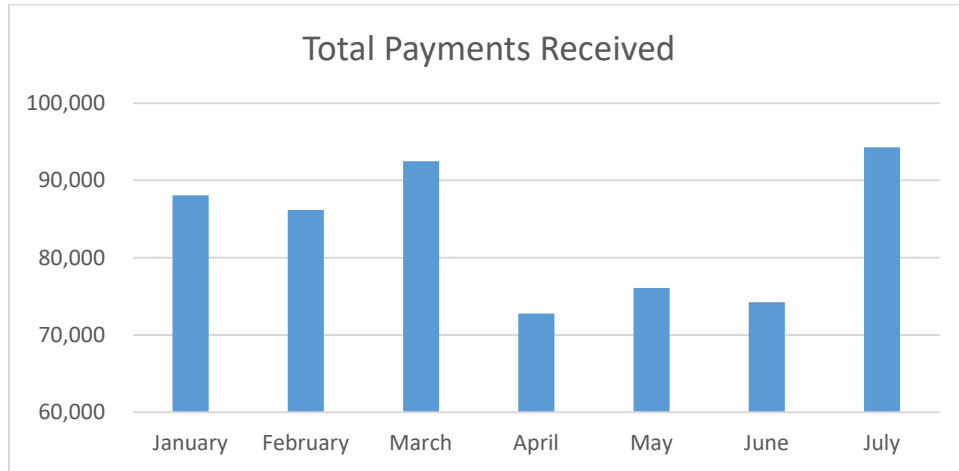
JULY 2020 METRICS		
	June	July
# of Estimated Bills*	70,302	111,914
# of Actual Bills	69,742	61,271
# of Meters Read*	44,896	48,462
# of New Investigation Requests	1,481	2,243
# of Completed Investigation Requests	1,783	1,609
Avg # of Days to Complete Investigation Requests	38	42
Avg # of Days for New Account Requests (Transfers)	34	35

**Due to billing cycles, information on the number of estimated bills and number of meters read may overlap months causing some information to be reported in the following month's data.*



Collections

A total of 94,275 payments were received in June. These payments are received via mail, walk-ins, online payments, and IVR.

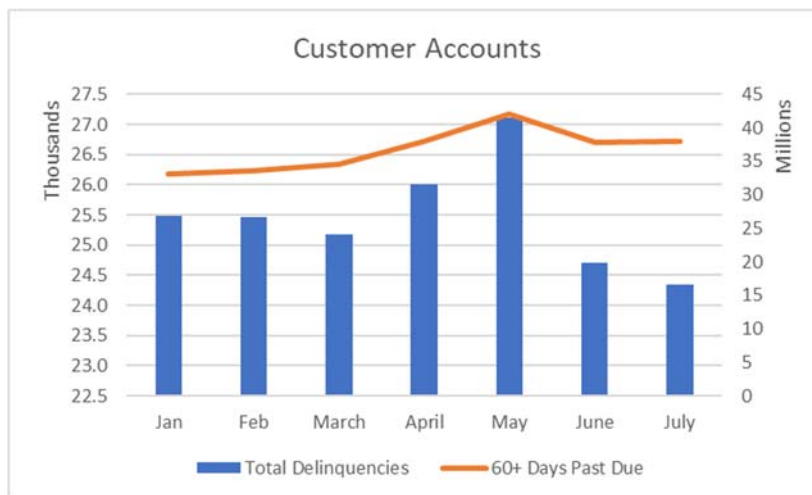


Active Accounts

CUSTOMER ACCOUNT AGING REPORT

[As of July 31, 2020]

CUSTOMER CATEGORY TYPE	TOTAL NUMBER OF ACCOUNTS	TOTAL NUMBER OF DELINQUENCIES	60+ DAYS PAST DUE	TOTAL NUMBER OF ACCOUNTS IN DISPUTE
Residential	119,682	22,420	\$ 28,463,656.91	1,750
Multi-Family	4,576	591	\$ 1,975,707.06	92
Commercial	12,840	1,325	\$ 7,522,378.83	230
Industrial	31	7	\$ 18,544.55	-
TOTALS	137,129	24,343	\$ 37,980,287.35	2,072



Inactive Accounts

July 2020								
Row Labels	Class Count		Sum of Balance		Average Per Unit Balance			
	June	July	June	July	June	July	June	July
COMMERCIAL	15	14	15,505.85	15,431.99			1,033.72	1,102.29
HYDRANT	14	15	75,796.03	77,665.81			5,414.00	5,177.72
INDUSTRIAL	1	1	32,641.78	32,641.78			32,641.78	32,641.78
LG COMMERCIAL	74	75	859,368.48	862,623.44			11,613.09	11,501.65
MULTI FAMILY	677	682	857,230.03	754,878.45			1,266.22	1,106.86
RESIDENTIAL	29,621	29,793	26,653,967.88	26,914,671.88			899.83	903.39
SM COMMERCIAL	1,115	1,117	1,998,960.09	2,002,327.32			1,792.79	1,792.59
Grand Total	31,517	31,697	30,493,470.14	30,660,240.67				

The SWBNO policy requires that inactive accounts are written off at the end of three years. At the end of April 2020, the SWBNO wrote-off 8259 accounts inactive since 2016, for year end 2019, reflecting \$3.4M of accounts receivables to bad debt.

2019 vs. 2020 Water and Sewerage System Cash Collections

2019 Water Collections						2020 Water Collections					2020 vs. 2019 Collections
Months	Water Service Charges & Fees	Delinquent Fees	Total	Through Aug as % of Annual		Months	Water Service Charges & Fees	Delinquent Fees	Total		
January	\$ 7,269,033	\$ 145,536	\$ 7,414,569	63.6%		January	\$ 9,370,008	\$ 193,867	\$ 9,563,875	\$ 2,149,306	
February	\$ 6,261,340	\$ 136,461	\$ 6,397,801			February	\$ 8,510,690	\$ 162,949	\$ 8,673,639	\$ 2,275,839	
March	\$ 6,835,909	\$ 98,609	\$ 6,934,519			March	\$ 8,510,036	\$ 162,272	\$ 8,672,308	\$ 1,737,790	
April	\$ 8,024,726	\$ 182,469	\$ 8,207,195			April	\$ 6,519,253	\$ 279,649	\$ 6,798,902	\$ (1,408,293)	
May	\$ 8,128,278	\$ 148,478	\$ 8,276,756			May	\$ 7,900,869	\$ 105,513	\$ 8,006,382	\$ (270,374)	
June	\$ 7,547,372	\$ 150,562	\$ 7,697,934			June	\$ 7,267,122	\$ 82,830	\$ 7,349,952	\$ (347,982)	
July	\$ 9,662,101	\$ 194,163	\$ 9,856,264			July	\$ 8,048,453	\$ 43,613	\$ 8,092,066	\$ (1,764,198)	
August	\$ 8,483,471	\$ 190,224	\$ 8,673,696	August		\$ 8,528,091	\$ 39,029	\$ 8,567,120	\$ (106,576)		
September	\$ 8,246,459	\$ 171,490	\$ 8,417,949	36.4%	September						
October	\$ 10,133,620	\$ 192,930	\$ 10,326,549		October						
November	\$ 9,064,555	\$ 213,662	\$ 9,278,216		November						
December	\$ 8,126,348	\$ 141,736	\$ 8,268,084		December						
TOTAL	\$ 97,783,213	\$ 1,966,318	\$ 99,749,531		TOTAL	\$ 64,654,523	\$ 1,069,722	\$ 65,724,244		\$ 2,265,511	
YTD (through Aug)	\$ 62,212,232	\$ 1,246,501	\$ 63,458,733								

2019 Sewerage Collections						2020 Sewerage Collections					2020 vs. 2019 Collections
Months	Sewerage Service Charges & Fees	Delinquent Fees	Total	Through Aug as % of Annual		Months	Sewerage Service Charges & Fees	Delinquent Fees	Total		
January	\$ 10,283,064	\$ 183,074	\$ 10,466,138	66.5%		January	\$ 12,683,216	\$ 247,883	\$ 12,931,099		\$ 2,464,962
February	\$ 8,856,052	\$ 174,247	\$ 9,030,299			February	\$ 11,510,258	\$ 213,939	\$ 11,724,198		\$ 2,693,898
March	\$ 10,920,960	\$ 123,706	\$ 11,044,666			March	\$ 12,337,081	\$ 207,785	\$ 12,544,866		\$ 1,500,200
April	\$ 11,750,766	\$ 171,101	\$ 11,921,867			April	\$ 9,460,656	\$ 149,191	\$ 9,609,847		\$ (2,312,020)
May	\$ 11,709,701	\$ 184,362	\$ 11,894,064			May	\$ 10,703,694	\$ 136,628	\$ 10,840,322		\$ (1,053,742)
June	\$ 10,666,270	\$ 193,564	\$ 10,859,833			June	\$ 10,485,228	\$ 105,070	\$ 10,590,298		\$ (269,535)
July	\$ 12,418,687	\$ 240,120	\$ 12,658,808			July	\$ 11,609,615	\$ 54,036	\$ 11,663,651		\$ (995,157)
August	\$ 11,484,227	\$ 244,491	\$ 11,728,718	August		\$ 11,850,512	\$ 47,804	\$ 11,898,316	\$ 169,599		
September	\$ 11,249,671	\$ 225,192	\$ 11,474,863	33.5%	September						
October	\$ 13,327,187	\$ 246,420	\$ 13,573,607		October						
November	\$ 7,943,403	\$ 256,514	\$ 8,199,917		November						
December	\$ 11,698,150	\$ 180,495	\$ 11,878,645		December						
TOTAL	\$ 132,308,137	\$ 1,966,318	\$ 134,731,424		TOTAL	\$ 90,640,261	\$ 1,162,336	\$ 91,802,597		\$ 2,198,205	
YTD (through Aug)	\$ 88,089,727	\$ 1,514,665	\$ 89,604,392								

	Running Rate Scenario (as of 8/31/2020)			Managed Scenario		
	Water	Sewer	Drainage	Water	Sewer	Drainage
Cash Balances Available for O&M as of December 31, 2019	\$13,267,237	\$25,995,022	\$8,399,496	\$13,267,237	\$25,995,022	\$8,399,496
Cash Collections and Millages	\$96,636,166	\$89,480,303	\$64,107,382	\$96,636,166	\$89,480,303	\$64,107,382
Expenditures and Transfers Out, January through August 2020	(\$105,468,324)	(\$87,420,326)	(\$33,407,227)	(\$105,468,324)	(\$87,420,326)	(\$33,407,227)
Cash Balances Available for O&M as of August 31, 2020	\$4,435,080	\$28,054,999	\$39,099,651	\$4,435,080	\$28,054,999	\$39,099,651
Projected Cash Collections (Sep-Dec)	\$49,267,971	\$47,153,285	\$0	\$49,267,971	\$47,153,285	\$0
Projected Expenditures (Sep-Dec)	(\$58,459,970)	(\$35,899,127)	(\$25,254,215)	(\$58,459,970)	(\$35,899,127)	(\$25,254,215)
<i>Potential Expense Reductions</i>				<i>\$2,750,000</i>	<i>\$1,750,000</i>	<i>\$0</i>
Projected cash balances available as of December 31, 2020	(\$4,756,920)	\$39,309,156	\$13,845,436	(\$2,006,920)	\$41,059,156	\$13,845,436
Expected Interfund Transfers (Temporary)	\$4,875,694	(\$4,875,694)	\$0	\$7,875,694	(\$4,875,694)	(\$3,000,000)
<i>Estimated Expense Reallocation (Permanent)*</i>	\$0	\$0	\$0	<i>\$4,000,000</i>	<i>(\$4,000,000)</i>	<i>\$0</i>
Add Customer Deposits	\$11,313,498	\$0	\$0	\$11,313,498	\$0	\$0
Add Other Accounts	\$2,274,861	\$4,711,423	\$1,817,273	\$2,274,861	\$4,711,423	\$1,817,273
Amounts Included for Days Cash	\$13,707,134	\$39,144,886	\$15,662,710	\$23,457,134	\$36,894,886	\$12,662,710
Projected One Day Expenditures	\$233,763	\$213,901	\$108,405	\$233,763	\$213,901	\$108,405
<i>Projected Days Cash</i>	<i>59</i>	<i>183</i>	<i>144</i>	<i>100</i>	<i>172</i>	<i>117</i>

* Estimated expense reallocation is derived by taking the water and sewer expenses (excluding sanitation and taxes) and transferring funds to equalize and more accurately attribute costs across the two systems

Objective: To meet the 90-day days cash covenant, required by the General Bond Resolutions for the Sewer Service Revenue Bonds and Water Revenue Bonds

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
July 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	9,873,673	9,548,859	324,814	3.4%	67,951,545	63,488,775	4,462,770	7.0%	1
2 Sewerage service charges and del fees	12,260,855	11,815,854	445,001	3.8%	85,017,415	80,478,146	4,539,269	5.6%	2
3 Plumbing inspection and license fees	35,196	51,814	(16,618)	-32.1%	258,400	328,704	(70,304)	-21.4%	3
4 Other revenues	253,431	235,689	17,742	7.5%	4,179,732	2,575,130	1,604,602	62.3%	4
5 Total operating revenues	22,423,155	21,652,216	770,939	3.6%	157,407,092	146,870,755	10,536,337	7.2%	5
Operating Expenses:									
6 Power and pumping	2,085,596	1,602,553	483,043	30.1%	10,910,844	9,906,175	1,004,669	10.1%	6
7 Treatment	912,023	1,957,702	(1,045,679)	-53.4%	11,795,714	8,951,369	2,844,346	31.8%	7
8 Transmission and distribution	2,414,845	2,416,615	(1,770)	-0.1%	16,320,706	19,214,896	(2,894,190)	-15.1%	8
9 Customer accounts	326,243	444,882	(118,640)	-26.7%	2,495,366	2,950,763	(455,396)	-15.4%	9
10 Customer service	784,583	355,294	429,289	120.8%	4,279,675	2,634,103	1,645,572	62.5%	10
11 Administration and general	3,168,333	3,583,369	(415,036)	-11.6%	25,760,625	23,438,287	2,322,338	9.9%	11
12 Payroll related	1,995,229	5,018,916	(3,023,687)	-60.2%	19,314,548	26,773,079	(7,458,530)	-27.9%	12
13 Maintenance of general plant	3,188,046	1,670,850	1,517,195	90.8%	15,388,224	14,495,847	892,377	6.2%	13
14 Depreciation	5,346,353	5,833,821	(487,468)	-8.4%	37,424,468	35,558,503	1,865,965	5.2%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	626,023	276,461	349,562	126.4%	3,801,082	1,935,225	1,865,857	96.4%	16
17 Provision for claims	224,443	171,482	52,962	30.9%	692,804	1,542,301	(849,497)	-55.1%	17
18 Total operating expenses	21,071,716	23,331,945	(2,260,229)	-9.7%	148,184,058	147,400,548	783,509	0.5%	18
19 Operating income (loss)	1,351,439	(1,679,729)	3,031,167	-180.5%	9,223,034	(529,793)	9,752,828	-1840.9%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	12	(12)	-100.0%	383	35	348	994.3%	20
21 Three-mill tax	-	625,345	(625,345)	-100.0%	17,108,623	15,180,014	1,928,609	12.7%	21
22 Six-mill tax	-	651,747	(651,747)	-100.0%	18,031,551	16,006,243	2,025,308	12.7%	22
23 Nine-mill tax	-	976,942	(976,942)	-100.0%	27,027,626	23,992,705	3,034,921	12.6%	23
24 Interest income	19,767	535,042	(515,275)	-96.3%	514,659	1,414,069	(899,410)	-63.6%	24
25 Other Taxes	-	-	-	0.0%	297,713	297,272	441	0.1%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	(1,710,986)	(1,817,200)	106,214	-5.8%	(11,932,676)	(11,133,931)	(798,745)	7.2%	27
28 Operating and maintenance grants	-	-	-	0.0%	-	156	(156)	-100.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(1,691,219)	971,888	(2,663,106)	-274.0%	51,047,879	45,756,562	5,291,317	11.6%	30
31 Income before capital contributions	(339,780)	(707,841)	368,061	-52.0%	60,270,913	45,226,768	15,044,145	33.3%	31
32 Capital contributions	173,292	7,978,642	(7,805,350)	-97.8%	5,268,060	17,128,368	(11,860,308)	-69.2%	32
33 Change in net position	(166,488)	7,270,801	(7,437,289)	-102.3%	65,538,973	62,355,136	3,183,837	5.1%	33
34 Audit Adjustment						2,543,545			34
35 Net position, beginning of year					2,244,801,991	2,244,801,991	-	0.0%	35
36 Net position, end of year					2,310,340,964	2,307,157,127	3,183,837	0.1%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
July 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	9,873,673	9,548,859	324,814	3.4%	67,951,545	63,488,775	4,462,770	7.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	17,648	24,682	(7,034)	-28.5%	130,265	164,732	(34,467)	-20.9%	3
4 Other revenues ¹	219,124	205,341	13,783	6.7%	3,506,485	1,939,655	1,566,830	80.8%	4
5 Total operating revenues	10,110,445	9,778,882	331,563	3.4%	71,588,295	65,593,162	5,995,133	9.1%	5
Operating Expenses:									
6 Power and pumping	261,222	138,099	123,122	89.2%	1,505,209	1,485,195	20,013	1.3%	6
7 Treatment	619,892	1,004,189	(384,298)	-38.3%	5,027,594	5,430,923	(403,329)	-7.4%	7
8 Transmission and distribution	1,003,948	843,014	160,934	19.1%	7,836,801	9,350,357	(1,513,557)	-16.2%	8
9 Customer accounts	162,653	221,324	(58,671)	-26.5%	1,244,200	1,467,900	(223,700)	-15.2%	9
10 Customer service	389,271	174,107	215,163	123.6%	2,116,156	1,297,212	818,944	63.1%	10
11 Administration and general	1,129,506	1,215,184	(85,679)	-7.1%	8,858,461	7,986,714	871,747	10.9%	11
12 Payroll related	772,598	1,891,662	(1,119,064)	-59.2%	7,564,790	9,942,940	(2,378,150)	-23.9%	12
13 Maintenance of general plant	2,369,742	942,908	1,426,834	151.3%	9,238,261	7,485,280	1,752,981	23.4%	13
14 Depreciation	1,053,625	816,181	237,444	29.1%	7,375,374	6,924,442	450,932	6.5%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	275,848	154,529	121,319	78.5%	1,930,939	1,081,706	849,233	78.5%	16
17 Provision for claims	89,777	68,593	21,185	30.9%	445,815	616,592	(170,777)	-27.7%	17
18 Total operating expenses	8,128,081	7,469,791	658,290	8.8%	53,143,600	53,069,260	74,340	0.1%	18
19 Operating income (loss)	1,982,365	2,309,091	(326,726)	-14.1%	18,444,695	12,523,901	5,920,793	47.3%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	16,257	270,561	(254,303)	-94.0%	205,850	500,371	(294,521)	-58.9%	24
25 Other Taxes	-	-	-	0.0%	132,482	132,286	196	0.1%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	(804,046)	(834,524)	30,478	-3.7%	(5,628,321)	(5,007,144)	(621,177)	12.4%	27
28 Operating and maintenance grants	-	-	-	0.0%	-	(331)	331	-100.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(787,789)	(563,963)	(223,825)	39.7%	(5,289,989)	(4,374,819)	(915,170)	20.9%	30
31 Income before capital contributions	1,194,576	1,745,128	(550,552)	-31.5%	13,154,706	8,149,083	5,005,623	61.4%	31
32 Capital contributions	54,946	(316,609)	371,555	-117.4%	3,216,990	2,806,489	410,501	14.6%	32
33 Change in net position	1,249,522	1,428,519	(178,997)	-12.5%	16,371,696	10,955,572	5,416,124	49.4%	33
34 Audit Adjustment						478,632			34
35 Net position, beginning of year					337,709,558	337,709,558	-	0.0%	35
36 Net position, end of year					354,081,254	348,665,130	5,416,124	1.6%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
July 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	12,260,855	11,815,854	445,001	3.8%	85,017,415	80,478,146	4,539,269	5.6%	2
3 Plumbing inspection and license fees	17,548	27,132	(9,584)	-35.3%	128,135	163,972	(35,837)	-21.9%	3
4 Other revenues	28,761	32,783	(4,022)	-12.3%	634,737	617,549	17,188	2.8%	4
5 Total operating revenues	12,307,164	11,875,769	431,395	3.6%	85,780,287	81,259,667	4,520,620	5.6%	5
Operating Expenses:									
6 Power and pumping	795,566	501,599	293,967	58.6%	3,374,570	2,788,725	585,845	21.0%	6
7 Treatment	292,132	953,513	(661,381)	-69.4%	6,768,120	3,520,446	3,247,674	92.3%	7
8 Transmission and distribution	1,030,263	1,253,487	(223,224)	-17.8%	6,060,957	7,530,146	(1,469,189)	-19.5%	8
9 Customer accounts	162,653	221,324	(58,671)	-26.5%	1,244,199	1,467,897	(223,698)	-15.2%	9
10 Customer service	389,271	174,107	215,163	123.6%	2,116,155	1,297,210	818,945	63.1%	10
11 Administration and general	1,370,162	1,600,101	(229,939)	-14.4%	11,297,029	10,421,669	875,360	8.4%	11
12 Payroll related	792,512	1,878,611	(1,086,099)	-57.8%	7,672,906	9,908,180	(2,235,274)	-22.6%	12
13 Maintenance of general plant	333,978	421,874	(87,896)	-20.8%	3,533,557	4,309,548	(775,991)	-18.0%	13
14 Depreciation	2,209,906	2,704,398	(494,492)	-18.3%	15,469,341	14,514,319	955,022	6.6%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	346,465	121,931	224,534	184.1%	1,844,178	853,520	990,658	116.1%	16
17 Provision for claims	89,777	68,593	21,185	30.9%	448,215	616,591	(168,376)	-27.3%	17
18 Total operating expenses	7,812,683	9,899,539	(2,086,855)	-21.1%	59,829,225	57,228,250	2,600,975	4.5%	18
19 Operating income (loss)	4,494,481	1,976,230	2,518,250	127.4%	25,951,062	24,031,416	1,919,645	8.0%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	1,914	240,667	(238,753)	-99.2%	233,804	463,189	(229,385)	-49.5%	24
25 Other Taxes	-	-	-	0.0%	165,231	164,986	245	0.1%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	(906,940)	(982,676)	75,736	-7.7%	(6,304,355)	(6,126,787)	(177,568)	2.9%	27
28 Operating and maintenance grants	-	-	-	0.0%	-	487	(487)	-100.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(905,026)	(742,009)	(163,017)	22.0%	(5,905,320)	(5,498,125)	(407,195)	7.4%	30
31 Income before capital contributions	3,589,455	1,234,221	2,355,233	190.8%	20,045,742	18,533,291	1,512,450	8.2%	31
32 Capital contributions	58,264	268,305	(210,041)	-78.3%	1,721,856	3,880,118	(2,158,262)	-55.6%	32
33 Change in net position	3,647,719	1,502,527	2,145,192	142.8%	21,767,598	22,413,409	(645,812)	-2.9%	33
34 Audit Adjustment					1,862,475				34
35 Net position, beginning of year					784,959,695		-	0.0%	35
36 Net position, end of year					806,727,293	807,373,104	(645,812)	-0.1%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
July 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4 Other revenues	5,545	(2,435)	7,980	-327.7%	38,510	17,926	20,584	114.8%	4
5 Total operating revenues	5,545	(2,435)	7,980	-327.7%	38,510	17,926	20,584	114.8%	5
Operating Expenses:									
6 Power and pumping	1,028,808	962,855	65,954	6.8%	6,031,066	5,632,255	398,811	7.1%	6
7 Treatment	-	-	-	0.0%	-	-	-	0.0%	7
8 Transmission and distribution	380,635	320,115	60,520	18.9%	2,422,949	2,334,393	88,556	3.8%	8
9 Customer accounts	937	2,234	(1,297)	-58.1%	6,968	14,966	(7,998)	-53.4%	9
10 Customer service	6,042	7,079	(1,038)	-14.7%	47,364	39,682	7,682	19.4%	10
11 Administration and general	668,665	768,083	(99,418)	-12.9%	5,605,135	5,029,904	575,231	11.4%	11
12 Payroll related	430,119	1,248,643	(818,523)	-65.6%	4,076,852	6,921,959	(2,845,107)	-41.1%	12
13 Maintenance of general plant	484,326	306,068	178,257	58.2%	2,616,406	2,701,019	(84,613)	-3.1%	13
14 Depreciation	2,082,822	2,313,242	(230,420)	-10.0%	14,579,752	14,119,742	460,010	3.3%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	3,709	-	3,709	0.0%	25,966	-	25,966	0.0%	16
17 Provision for claims	44,889	34,296	10,592	30.9%	(201,225)	309,119	(510,344)	-165.1%	17
18 Total operating expenses	5,130,952	5,962,615	(831,663)	-13.9%	35,211,232	37,103,038	(1,891,805)	-5.1%	18
19 Operating income (loss)	(5,125,407)	(5,965,050)	839,643	-14.1%	(35,172,722)	(37,085,111)	1,912,389	-5.2%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	12	(12)	-100.0%	383	35	348	994.3%	20
21 Three-mill tax	-	625,345	(625,345)	-100.0%	17,108,623	15,180,014	1,928,609	12.7%	21
22 Six-mill tax	-	651,747	(651,747)	-100.0%	18,031,551	16,006,243	2,025,308	12.7%	22
23 Nine-mill tax	-	976,942	(976,942)	-100.0%	27,027,626	23,992,705	3,034,921	12.6%	23
24 Interest income	1,596	23,814	(22,218)	-93.3%	75,005	450,509	(375,504)	-83.4%	24
25 Other Taxes	-	-	-	0.0%	-	-	-	0.0%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	-	-	-	0.0%	-	-	-	0.0%	27
28 Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%	28
29 Provision for claims	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	1,596	2,277,860	(2,276,264)	-99.9%	62,243,188	55,629,506	6,613,683	11.9%	30
31 Income before capital contributions	(5,123,811)	(3,687,190)	(1,436,621)	39.0%	27,070,466	18,544,394	8,526,072	46.0%	31
32 Capital contributions	60,082	8,026,945	(7,966,863)	-99.3%	329,214	10,441,761	(10,112,547)	-96.8%	32
33 Change in net position	(5,063,729)	4,339,755	(9,403,484)	-216.7%	27,399,680	28,986,155	(1,586,476)	-5.5%	33
34 Audit Adjustment					202,438				34
35 Net position, beginning of year					1,122,132,738	1,122,132,738	-	0.0%	35
36 Net position, end of year					1,149,532,418	1,151,118,893	(1,586,476)	-0.1%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
July 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	9,873,673	9,912,699	(39,026)	-0.4%	67,951,545	69,388,891	(1,437,346)	-2.1%	1
2 Sewerage service charges and del fees	12,260,855	12,409,210	(148,355)	-1.2%	85,017,415	86,864,468	(1,847,053)	-2.1%	2
3 Plumbing inspection and license fees	35,196	51,790	(16,594)	-32.0%	258,400	362,531	(104,131)	-28.7%	3
4 Other revenues	253,431	48,613	204,818	421.3%	4,179,732	340,288	3,839,445	1128.3%	4
5 Total operating revenues	22,423,155	22,422,311	843	0.0%	157,407,092	156,956,178	450,914	0.3%	5
Operating Expenses:									
6 Power and pumping	2,085,596	1,910,649	174,947	9.2%	10,910,844	13,374,546	(2,463,702)	-18.4%	6
7 Treatment	912,023	2,194,205	(1,282,181)	-58.4%	11,795,714	15,359,432	(3,563,718)	-23.2%	7
8 Transmission and distribution	2,414,845	3,863,218	(1,448,373)	-37.5%	16,320,706	27,042,525	(10,721,819)	-39.6%	8
9 Customer accounts	326,243	531,758	(205,515)	-38.6%	2,495,366	3,722,304	(1,226,938)	-33.0%	9
10 Customer service	784,583	788,843	(4,260)	-0.5%	4,279,675	5,521,899	(1,242,224)	-22.5%	10
11 Administration and general	3,168,333	5,232,279	(2,063,946)	-39.4%	25,760,625	36,625,956	(10,865,330)	-29.7%	11
12 Payroll related	1,995,229	3,515,789	(1,520,560)	-43.2%	19,314,548	24,610,522	(5,295,974)	-21.5%	12
13 Maintenance of general plant	3,188,046	2,756,683	431,363	15.6%	15,388,224	19,296,781	(3,908,557)	-20.3%	13
14 Depreciation	5,346,353	5,750,583	(404,231)	-7.0%	37,424,468	40,254,083	(2,829,616)	-7.0%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	626,023	-	626,023	0.0%	3,801,082	-	3,801,082	0.0%	16
17 Provision for claims	224,443	370,542	(146,098)	-39.4%	692,804	2,593,792	(1,900,987)	-73.3%	17
18 Total operating expenses	21,071,716	26,914,549	(5,842,833)	-21.7%	148,184,058	188,401,841	(40,217,783)	-21.3%	18
19 Operating income (loss)	1,351,439	(4,492,238)	5,843,676	-130.1%	9,223,034	(31,445,663)	40,668,697	-129.3%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	383	-	383	0.0%	20
21 Three-mill tax	-	1,501,084	(1,501,084)	-100.0%	17,108,623	10,507,590	6,601,033	62.8%	21
22 Six-mill tax	-	1,585,226	(1,585,226)	-100.0%	18,031,551	11,096,580	6,934,971	62.5%	22
23 Nine-mill tax	-	2,376,156	(2,376,156)	-100.0%	27,027,626	16,633,090	10,394,536	62.5%	23
24 Interest income	19,767	124,965	(105,197)	-84.2%	514,659	874,752	(360,093)	-41.2%	24
25 Other Taxes	-	323,967	(323,967)	-100.0%	297,713	2,267,767	(1,970,054)	-86.9%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	(1,710,986)	-	(1,710,986)	0.0%	(11,932,676)	-	(11,932,676)	0.0%	27
28 Operating and maintenance grants	-	210,262	(210,262)	-100.0%	-	1,471,833	(1,471,833)	-100.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(1,691,219)	6,121,659	(7,812,878)	-127.6%	51,047,879	42,851,611	8,196,268	19.1%	30
31 Income before capital contributions	(339,780)	1,629,421	(1,969,202)	-120.9%	60,270,913	11,405,949	48,864,964	428.4%	31
32 Capital contributions	173,292	-	173,292	0.0%	5,268,060	-	5,268,060	0.0%	32
33 Change in net position	(166,488)	1,629,421	(1,795,910)	-110.2%	65,538,973	11,405,949	54,133,024	474.6%	33
34 Audit Adjustment									34
35 Net position, beginning of year					2,244,801,991	2,244,801,991	-	0.0%	35
36 Net position, end of year					2,312,884,509	2,256,207,940	56,676,569	2.5%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
July 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	9,873,673	9,912,699	(39,026)	-0.4%	67,951,545	69,388,891	(1,437,346)	-2.1%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	17,648	25,867	(8,219)	-31.8%	130,265	181,069	(50,804)	-28.1%	3
4 Other revenues1	219,124	21,633	197,492	912.9%	3,506,485	151,428	3,355,057	2215.6%	4
5 Total operating revenues	10,110,445	9,960,198	150,247	1.5%	71,588,295	69,721,388	1,866,907	2.7%	5
Operating Expenses:									
6 Power and pumping	261,222	248,272	12,950	5.2%	1,505,209	1,737,902	(232,693)	-13.4%	6
7 Treatment	619,892	928,097	(308,205)	-33.2%	5,027,594	6,496,678	(1,469,084)	-22.6%	7
8 Transmission and distribution	1,003,948	1,696,474	(692,526)	-40.8%	7,836,801	11,875,316	(4,038,516)	-34.0%	8
9 Customer accounts	162,653	265,334	(102,681)	-38.7%	1,244,200	1,857,336	(613,136)	-33.0%	9
10 Customer service	389,271	390,983	(1,712)	-0.4%	2,116,156	2,736,883	(620,726)	-22.7%	10
11 Administration and general	1,129,506	1,736,424	(606,919)	-35.0%	8,858,461	12,154,971	(3,296,510)	-27.1%	11
12 Payroll related	772,598	1,363,048	(590,450)	-43.3%	7,564,790	9,541,333	(1,976,544)	-20.7%	12
13 Maintenance of general plant	2,369,742	1,245,296	1,124,446	90.3%	9,238,261	8,717,069	521,192	6.0%	13
14 Depreciation	1,053,625	1,577,667	(524,042)	-33.2%	7,375,374	11,043,667	(3,668,292)	-33.2%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	275,848	-	275,848	0.0%	1,930,939	-	1,930,939	0.0%	16
17 Provision for claims	89,777	135,717	(45,939)	-33.8%	445,815	950,017	(504,202)	-53.1%	17
18 Total operating expenses	8,128,081	9,587,310	(1,459,230)	-15.2%	53,143,600	67,111,173	(13,967,573)	-20.8%	18
19 Operating income (loss)	1,982,365	372,888	1,609,477	431.6%	18,444,695	2,610,215	15,834,479	606.6%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	16,257	43,905	(27,648)	-63.0%	205,850	307,336	(101,486)	-33.0%	24
25 Other Taxes	-	208,415	(208,415)	-100.0%	132,482	1,458,907	(1,326,425)	-90.9%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	(804,046)	-	(804,046)	0.0%	(5,628,321)	-	(5,628,321)	0.0%	27
28 Operating and maintenance grants	-	63,079	(63,079)	-100.0%	-	441,550	(441,550)	-100.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(787,789)	315,399	(1,103,188)	-349.8%	(5,289,989)	2,207,793	(7,497,782)	-339.6%	30
31 Income before capital contributions	1,194,576	688,287	506,289	73.6%	13,154,706	4,818,008	8,336,698	173.0%	31
32 Capital contributions	54,946	-	54,946	0.0%	3,216,990	-	3,216,990	0.0%	32
33 Change in net position	1,249,522	688,287	561,235	81.5%	16,371,696	4,818,008	11,553,688	239.8%	33
34 Audit Adjustment	-	-	-	-	-	-	-	-	34
35 Net position, beginning of year	337,709,558	337,709,558	-	0.0%	337,709,558	337,709,558	-	0.0%	35
36 Net position, end of year	354,559,886	342,527,566	12,032,320	3.5%	354,559,886	342,527,566	12,032,320	3.5%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
July 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	12,260,855	12,409,210	(148,355)	-1.2%	85,017,415	86,864,468	(1,847,053)	-2.1%	2
3 Plumbing inspection and license fees	17,548	25,923	(8,375)	-32.3%	128,135	181,462	(53,327)	-29.4%	3
4 Other revenues	28,761	26,980	1,781	6.6%	634,737	188,859	445,878	236.1%	4
5 Total operating revenues	12,307,164	12,462,113	(154,949)	-1.2%	85,780,287	87,234,790	(1,454,503)	-1.7%	5
Operating Expenses:									
6 Power and pumping	795,566	481,322	314,244	65.3%	3,374,570	3,369,252	5,318	0.2%	6
7 Treatment	292,132	1,266,108	(973,976)	-76.9%	6,768,120	8,862,754	(2,094,634)	-23.6%	7
8 Transmission and distribution	1,030,263	1,746,474	(716,211)	-41.0%	6,060,957	12,225,316	(6,164,360)	-50.4%	8
9 Customer accounts	162,653	265,334	(102,681)	-38.7%	1,244,199	1,857,336	(613,138)	-33.0%	9
10 Customer service	389,271	390,983	(1,713)	-0.4%	2,116,155	2,736,883	(620,728)	-22.7%	10
11 Administration and general	1,370,162	2,361,196	(991,034)	-42.0%	11,297,029	16,528,374	(5,231,345)	-31.7%	11
12 Payroll related	792,512	1,435,948	(643,437)	-44.8%	7,672,906	10,051,638	(2,378,732)	-23.7%	12
13 Maintenance of general plant	333,978	999,759	(665,781)	-66.6%	3,533,557	6,998,311	(3,464,754)	-49.5%	13
14 Depreciation	2,209,906	2,260,417	(50,511)	-2.2%	15,469,341	15,822,917	(353,576)	-2.2%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	346,465	-	346,465	0.0%	1,844,178	-	1,844,178	0.0%	16
17 Provision for claims	89,777	135,717	(45,939)	-33.8%	448,215	950,017	(501,802)	-52.8%	17
18 Total operating expenses	7,812,683	11,343,257	(3,530,573)	-31.1%	59,829,225	79,402,797	(19,573,572)	-24.7%	18
19 Operating income (loss)	4,494,481	1,118,856	3,375,624	301.7%	25,951,062	7,831,993	18,119,069	231.3%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	1,914	39,057	(37,143)	-95.1%	233,804	273,398	(39,594)	-14.5%	24
25 Other Taxes	-	72,806	(72,806)	-100.0%	165,231	509,640	(344,409)	-67.6%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	(906,940)	-	(906,940)	0.0%	(6,304,355)	-	(6,304,355)	0.0%	27
28 Operating and maintenance grants	-	105,131	(105,131)	-100.0%	-	735,916	(735,916)	-100.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(905,026)	216,994	(1,122,020)	-517.1%	(5,905,320)	1,518,955	(7,424,275)	-488.8%	30
31 Income before capital contributions	3,589,455	1,335,850	2,253,605	168.7%	20,045,742	9,350,948	10,694,794	114.4%	31
32 Capital contributions	58,264	-	58,264	0.0%	1,721,856	-	1,721,856	0.0%	32
33 Change in net position	3,647,719	1,335,850	2,311,869	173.1%	21,767,598	9,350,948	12,416,650	132.8%	33
34 Audit Adjustment					-				34
35 Net position, beginning of year					784,959,695	784,959,695	-	0.0%	35
36 Net position, end of year					808,589,768	794,310,643	14,279,125	1.8%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
July 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4 Other revenues	5,545	-	5,545	100.0%	38,510	-	38,510	100.0%	4
5 Total operating revenues	5,545	-	5,545	100.0%	38,510	-	38,510	100.0%	5
Operating Expenses:									
6 Power and pumping	1,028,808	1,181,056	(152,248)	-12.9%	6,031,066	8,267,392	(2,236,326)	-27.0%	6
7 Treatment	-	-	-	0.0%	-	-	-	0.0%	7
8 Transmission and distribution	380,635	420,270	(39,636)	-9.4%	2,422,949	2,941,893	(518,944)	-17.6%	8
9 Customer accounts	937	1,090	(153)	-14.0%	6,968	7,632	(664)	-8.7%	9
10 Customer service	6,042	6,876	(835)	-12.1%	47,364	48,134	(770)	-1.6%	10
11 Administration and general	668,665	1,134,659	(465,993)	-41.1%	5,605,135	7,942,611	(2,337,476)	-29.4%	11
12 Payroll related	430,119	716,793	(286,674)	-40.0%	4,076,852	5,017,550	(940,698)	-18.7%	12
13 Maintenance of general plant	484,326	511,629	(27,303)	-5.3%	2,616,406	3,581,401	(964,995)	-26.9%	13
14 Depreciation	2,082,822	1,912,500	170,322	8.9%	14,579,752	13,387,500	1,192,252	8.9%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	3,709	-	3,709	0.0%	25,966	-	25,966	0.0%	16
17 Provision for claims	44,889	99,108	(54,220)	-54.7%	(201,225)	693,758	(894,984)	-129.0%	17
18 Total operating expenses	5,130,952	5,983,982	(853,029)	-14.3%	35,211,232	41,887,871	(6,676,639)	-15.9%	18
19 Operating income (loss)	(5,125,407)	(5,983,982)	858,575	-14.3%	(35,172,722)	(41,887,871)	6,715,149	-16.0%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	383	-	383	0.0%	20
21 Three-mill tax	-	1,501,084	(1,501,084)	-100.0%	17,108,623	10,507,590	6,601,033	62.8%	21
22 Six-mill tax	-	1,585,226	(1,585,226)	-100.0%	18,031,551	11,096,580	6,934,971	62.5%	22
23 Nine-mill tax	-	2,376,156	(2,376,156)	-100.0%	27,027,626	16,633,090	10,394,536	62.5%	23
24 Interest income	1,596	42,003	(40,407)	-96.2%	75,005	294,018	(219,013)	-74.5%	24
25 Other Taxes	-	42,746	(42,746)	-100.0%	-	299,220	(299,220)	-100.0%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	-	-	-	0.0%	-	-	-	0.0%	27
28 Operating and maintenance grants	-	42,052	(42,052)	-100.0%	-	294,366	(294,366)	-100.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	1,596	5,589,266	(5,587,670)	-100.0%	62,243,188	39,124,864	23,118,324	59.1%	30
31 Income before capital contributions	(5,123,811)	(394,715)	(4,729,096)	1198.1%	27,070,466	(2,763,007)	29,833,473	-1079.7%	31
32 Capital contributions	60,082	-	60,082	0.0%	329,214	-	329,214	0.0%	32
33 Change in net position	(5,063,729)	(394,715)	(4,669,014)	1182.9%	27,399,680	(2,763,007)	30,162,687	-1091.7%	33
34 Audit Adjustment					-				34
35 Net position, beginning of year					1,122,132,738	1,122,132,738	-	0.0%	35
36 Net position, end of year					1,149,734,856	1,119,369,731	30,365,125	2.7%	36

**FIFTH SUPPLEMENTAL SEWERAGE SERVICE
REVENUE BOND RESOLUTION**

adopted on September 16, 2020

by the

SEWERAGE AND WATER BOARD OF NEW ORLEANS

IN CONNECTION WITH THE ISSUANCE OF

NOT EXCEEDING \$64,750,000

SEWERAGE SERVICE REVENUE BONDS, SERIES 2020B

OF THE

CITY OF NEW ORLEANS, LOUISIANA

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SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FIFTH SUPPLEMENTAL SEWERAGE SERVICE REVENUE BOND RESOLUTION
AUTHORIZING THE ISSUANCE OF**

SEWERAGE SERVICE REVENUE BONDS, SERIES 2020B

The following resolution was offered by _____ and seconded by _____:

A Fifth Supplemental Resolution authorizing the issuance of Sewerage Service Revenue Bonds, Series 2020B, of the City of New Orleans, Louisiana, in the maximum principal amount of Sixty Four Million Seven Hundred Fifty Thousand Dollars (\$64,750,000) in accordance with the terms of the General Sewerage Service Revenue Bond Resolution; setting forth certain details in connection therewith; authorizing the execution and delivery of said bonds; authorizing the execution of a Bond Purchase Agreement and a Certificate of Determination; and providing for other matters relating to the foregoing.

WHEREAS, pursuant to the provisions of Section 4121 of Title 33 of the Louisiana Revised Statutes of 1950, as amended, and other constitutional and statutory authority (collectively, the “Act”), the Sewerage and Water Board of New Orleans (the “Board”) in the name of the City of New Orleans, Louisiana (the “City”) is authorized to issue bonds; and

WHEREAS, on May 21, 2014, the Board adopted a General Sewerage Service Revenue Bond Resolution entitled “A resolution authorizing the issuance from time to time of Sewerage Service Revenue Bonds of the City of New Orleans, Louisiana, providing for the general terms, form, manner of payment and security for payment of said bonds, providing for the issuance of a series of Sewerage Service Revenue and Refunding Bonds, and providing for other matters in connection therewith” (the “General Bond Resolution”), in which the Board authorized the issuance from time to time of Sewerage Service Revenue Bonds under the Act; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the First Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on May 21, 2014 (the “First Supplemental Resolution”), the Board authorized the issuance of the City’s Sewerage Service Revenue and Refunding Bonds, Series 2014 (the “Series 2014 Bonds”), further authorized the reissuance of the City’s Sewerage Service Revenue Bonds, Series 2011 (the “Series 2011 Bonds”) as Common Debt Service Reserve Secured Bonds on a parity with the Series 2014 Bonds, and set forth certain details in connection with the issuance of the Series 2014 Bonds; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the Second Supplemental Sewerage Revenue Bond Resolution adopted by the Board on October 21, 2015 (the “Second Supplemental Resolution”), the Board authorized the issuance of the City’s Sewerage Service Revenue Bonds, Series 2015 (the “Series 2015 Bonds”) as Common Debt Service Reserve

Secured Bonds on a parity with the Series 2011 Bonds and the Series 2014 Bonds, and set forth certain details in connection with the issuance of the Series 2015 Bonds; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the Third Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on August 21, 2019 (the “Third Supplemental Resolution”), the Board authorized the issuance of the City’s Sewerage Service Revenue Bonds, Series 2019 (the “Series 2019 Bonds”) as Separate Series Debt Service Reserve Secured Bonds on a parity with the Series 2011 Bonds, the Series 2014 Bonds and the Series 2015 Bonds, except with respect to certain reserve funds, and set forth certain details in connection with the issuance of the Series 2019 Bonds; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the Fourth Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on April 22, 2020 (the “Fourth Supplemental Resolution”), the Board authorized the issuance of the City’s Sewerage Service Revenue Bonds, Series 2020A (the “Series 2020A Bonds”) as Common Debt Service Reserve Secured Bonds on a parity with the Series 2011 Bonds, the Series 2014 Bonds, the Series 2015 Bonds and the Series 2019 Bonds, and set forth certain details in connection with the issuance of the Series 2020A Bonds; and

WHEREAS, capitalized terms used herein and not specifically defined herein shall have the meanings assigned to them in the General Bond Resolution as supplemented to date; and

WHEREAS, it is now the desire of this Board to authorize the issuance of the City’s Sewerage Service Revenue Bonds, Series 2020B (the “Series 2020B Bonds”) in the maximum principal amount of Sixty Four Million Seven Hundred Fifty Thousand Dollars (\$64,750,000), for the purposes of paying Costs of Capital Improvements (as defined in the General Bond Resolution), funding a deposit to a debt service reserve fund (if required), and paying costs incurred in connection therewith; and

WHEREAS, at an upcoming meeting, the New Orleans City Council will consider for approval a resolution approving the issuance of the Series 2020B Bonds; and

WHEREAS, at an upcoming meeting, the Board of Liquidation, City Debt (the “Board of Liquidation”) will consider for approval a resolution authorizing the issuance and sale of the Series 2020B Bonds; and

WHEREAS, in accordance with the Act and Section 4.03 of the General Bond Resolution, the Board now desires to adopt this Fifth Supplemental Resolution in order to provide for the issuance of the Series 2020B Bonds to pay the Cost of Capital Improvements; to provide for the execution of a Bond Purchase Agreement and a Certificate of Determination which designates certain details of the Series 2020B Bonds, and certain other matters in connection therewith;

NOW, THEREFORE, BE IT RESOLVED by the Sewerage and Water Board of New Orleans, that:

ARTICLE I DEFINITIONS AND FINDINGS

SECTION 1.01. Definitions. In this Fifth Supplemental Resolution all capitalized terms shall have the meanings assigned thereto in the above preambles, in this Section 1.01 and in the General Bond Resolution:

“Board of Liquidation Resolution” means the resolution to be adopted by the Board of Liquidation authorizing the issuance and sale of the Series 2020B Bonds.

“Bond Purchase Agreement” shall mean the Bond Purchase Agreement dated as of the date of the sale of the Series 2020B Bonds by and between the Board of Liquidation and the Underwriters, and agreed to by the Board as to certain provisions.

“Certificate of Determination” means the Certificate of Determination authorized by Section 5.02 hereof.

“Fifth Supplemental Resolution” shall mean this resolution of the Board, authorizing the issuance of the Series 2020B Bonds.

“Paying Agent” and ***“Trustee”*** shall mean _____ and its successors and assigns.

“Outstanding Parity Bonds” shall mean the City's outstanding (i) Sewerage Service Revenue Bonds, Series 2011; (ii) Sewerage Service Revenue and Refunding Bonds, Series 2014; (iii) Sewerage Service Revenue Bonds, Series 2015; (iv) Sewerage Service Revenue Bonds, Series 2019; and (v) Sewerage Service Revenue Bonds, Series 2020A.

“Series 2020B Bonds” shall mean the City's Sewerage Service Revenue Bonds, Series 2020B, authorized to be issued by this Fifth Supplemental Resolution in the maximum principal amount of Sixty-Four Million Seven Hundred Fifty Thousand Dollars (\$64,750,000).

“Underwriters” shall mean a team of underwriters led by J.P. Morgan Securities, L.L.C. as managing underwriter and composed of other underwriters selected by the Board of Liquidation.

ARTICLE II AUTHORIZATION AND ISSUANCE OF SERIES 2020B BONDS

SECTION 2.01. Authorization.

(a) In compliance with and under the authority of the Act and the General Bond Resolution, and contingent upon the approval of the City Council and the adoption of the Board of Liquidation Resolution, there is hereby authorized the incurring of an indebtedness and issuance of revenue bonds in an aggregate maximum principal amount of Sixty Four Million Seven Hundred Fifty Thousand Dollars (\$64,750,000) (the “Series 2020B Bonds”) for, on behalf of and in the name of the City, for the purpose of paying the Costs of the Capital Improvements, funding a debt service reserve fund and other reserve funds as required hereunder, and paying Costs of Issuance of the Series 2020B Bonds. The aforesaid indebtedness shall be represented by the Series

2020B Bonds to be designated “City of New Orleans, Louisiana, Sewerage Service Revenue Bonds, Series 2020B.” The Series 2020B Bonds are Senior Debt under the General Bond Resolution. Notwithstanding the foregoing, if the Series 2020B Bonds are delivered in a calendar year other than 2020, the series designation may change accordingly without the necessity of amending this Fifth Supplemental Resolution if set forth in the Certificate of Determination.

(b) The Series 2020B Bonds shall be fixed rate bonds, shall be dated the date of delivery, shall be in fully registered form, shall be in the denomination of Five Thousand Dollars (\$5,000) each or any integral multiple thereof within a single maturity, shall be numbered from No. R-1 upward and shall bear interest from the date thereof or from the most recent interest payment date to which interest has been paid or duly provided for at the rates set forth in the Certificate of Determination, such interest to be payable semiannually on each June 1 and December 1, commencing June 1, 2021, and shall have such other details as shall be set forth in the Certificate of Determination and the Board of Liquidation Resolution. As required by Resolution R-197-2019 adopted by the Board on November 20, 2019, the Board specifies that the Series 2020B Bonds shall bear interest at a rate not to exceed six percent (6.0%) per annum and shall mature not later than thirty (30) years from the date thereof, as shall be set forth in the Certificate of Determination. The Series 2020B Bonds shall mature on June 1 in each of the years set forth in the Certificate of Determination.

(c) The Series 2020B Bonds shall be issued as Common Debt Service Reserve Secured Bonds.

(d) The Series 2020B Bonds, equally with the Outstanding Parity Bonds, are equally and ratably secured by the Pledge of Net Revenues, as set forth in Section 4.02 of the General Bond Resolution.

(e) The interest on the Series 2020B Bonds shall be payable by check or draft of the Paying Agent mailed on or prior to the interest payment date by the Paying Agent to the Registered Owners of the Series 2020B Bonds as shown on the registration books of the Paying Agent on the 15th day of the calendar month next preceding the interest payment date. During any period after the initial delivery of the Series 2020B Bonds in book-entry-only form when the Bonds are delivered in multiple certificates form, upon request of a registered owner of at least \$1,000,000 in principal amount of Series 2020B Bonds outstanding, payments of principal, premium, if any, and interest on the Series 2020B Bonds will be paid by wire transfer in immediately available funds to an account designated by such registered owner; CUSIP number identification with appropriate dollar amounts for each CUSIP number must accompany all payments of principal, premium, and interest, whether by check or by wire transfer.

SECTION 2.02. Form of Series 2020B Bonds. The Series 2020B Bonds shall be substantially in the form attached hereto as **Exhibit A**.

SECTION 2.03. Book-Entry Registration of Bonds. The Series 2020B Bonds shall be initially issued in the name of Cede & Co., as nominee for The Depository Trust Company (“DTC”), as registered owner of the Bonds, and held in the custody of DTC. The Board of Liquidation has delivered a Blanket Letter of Representation (the “Letter of Representation”) to DTC on behalf of the City and the Board with respect to the issuance of bonds in “book-entry

only” format. The terms and provisions of said Letter of Representation shall govern in the event of any inconsistency between the provisions of the General Bond Resolution and this Fifth Supplemental Resolution and said Letter of Representation. A single certificate will be issued and delivered to DTC for each maturity of the Series 2020B Bonds. The Beneficial Owners will not receive physical delivery of Series 2020B Bond certificates except as provided herein. Beneficial Owners are expected to receive a written confirmation of their purchase providing details of each Series 2020B Bond acquired. For so long as DTC shall continue to serve as securities depository for the Series 2020B Bonds as provided herein, all transfers of beneficial ownership interest will be made by book-entry only, and no investor or other party purchasing, selling or otherwise transferring beneficial ownership of Series 2020B Bonds is to receive, hold or deliver any Series 2020B Bond certificate.

Notwithstanding anything to the contrary herein, while the Series 2020B Bonds are issued in the book-entry-only form, the payment of principal of, premium, if any, and interest on the Series 2020B Bonds may be payable by the Paying Agent by wire transfer to DTC in accordance with the Letter of Representation.

For every transfer and exchange of the Series 2020B Bonds, the Beneficial Owner may be charged a sum sufficient to cover such Beneficial Owner's allocable share of any tax, fee or other governmental charge that may be imposed in relation thereto.

Series 2020B Bond certificates are required to be delivered to and registered in the name of the Beneficial Owner under the following circumstances:

(a) DTC determines to discontinue providing its service with respect to the Series 2020B Bonds. Such a determination may be made at any time by giving 30 days' notice to the Board of Liquidation and the Paying Agent and discharging its responsibilities with respect thereto under applicable law.

(b) The Board or the Board of Liquidation determines that continuation of the system of book-entry transfer through DTC (or a successor securities depository) is not in its best interests or the best interests of the Beneficial Owners.

The Board of Liquidation and the Paying Agent will recognize DTC or its nominee as the Bondholder for all purposes, including notices and voting.

Neither the City, the Board, the Board of Liquidation or the Paying Agent are responsible for the performance by DTC of any of its obligations, including, without limitation, the payment of moneys received by DTC, the forwarding of notices received by DTC or the giving of any consent or proxy in lieu of consent.

Whenever during the term of the Series 2020B Bonds the beneficial ownership thereof is determined by a book entry at DTC, the requirements of this Fifth Supplemental Resolution of holding, delivering or transferring the Series 2020B Bonds shall be deemed modified to require the appropriate person to meet the requirements of DTC as to registering or transferring the book entry to produce the same effect.

If at any time DTC ceases to hold the Series 2020B Bonds, all references herein to DTC shall be of no further force or effect.

SECTION 2.04. Paying Agent's Registration. No Series 2020B Bond shall be entitled to any right or benefit under the General Bond Resolution or this Fifth Supplemental Resolution, or be valid or obligatory for any purpose unless there appears on such Series 2020B Bond a certificate of registration, substantially in the form provided in the bond form attached hereto, executed by the Paying Agent by manual signature.

ARTICLE III

REDEMPTION FEATURES OF SERIES 2020B BONDS

SECTION 3.01. Optional Redemption. The optional redemption provisions of the Series 2020B Bonds shall be set forth in the Certificate of Determination. The maturities of the Bonds to be redeemed shall be selected by the Board of Liquidation in its discretion.

SECTION 3.02. Mandatory Sinking Fund Redemption. The mandatory sinking fund redemption provisions, if any, of the Series 2020B Bonds shall be set forth in the Certificate of Determination.

SECTION 3.03. Notice of Redemption. In the event a Series 2020B Bond to be redeemed is of a denomination larger than \$5,000, a portion of such Series 2020B Bond (in any integral multiple of \$5,000 thereof) may be redeemed. Any Series 2020B Bond which is to be redeemed only in part may be surrendered at the designated corporate trust office of the Paying Agent, and there shall be delivered to the Owner of such Series 2020B Bond a new Series 2020B Bond or Series 2020B Bonds of the same maturity and of any authorized denomination or denominations as requested by such Owner in aggregate principal amount equal to and in exchange for the unredeemed portion of the principal of the Series 2020B Bond so surrendered. All notices of redemption shall state (i) the redemption date; (ii) the redemption price; (iii) if fewer than all the Series 2020B Bonds are to be redeemed, the identifying number (and in the case of partial redemption, the respective principal amounts) and CUSIP number of the Series 2020B Bonds to be redeemed; (iv) that on the redemption date the redemption price will become due and payable on each such Series 2020B Bond and interest thereon will cease to accrue thereon from and after said date; and (v) the place where such Series 2020B Bonds are to be surrendered for payment. Official notice of such call of any of the Series 2020B Bonds for redemption shall be given by means of first-class mail, postage prepaid, by notice deposited in the United States mails, or via accepted means of electronic communication, not less than thirty (30) days prior to the redemption date addressed to the registered owner of each Series 2020B Bond to be redeemed at his address as shown on the registration books maintained by the Paying Agent.

In the case of an optional redemption, the notice may state (i) that it is conditioned upon the deposit of moneys, in an amount equal to the amount necessary to effect the redemption, with the Paying Agent no later than the redemption date, or (ii) that the Board of Liquidation retains the right to rescind such notice at any time prior to the scheduled redemption date if the Board of Liquidation delivers a certificate of an Authorized Officer to the Paying Agent instructing the Paying Agent to rescind the redemption notice (in either case, a "Conditional Redemption"), and such notice and optional redemption shall be of no effect if such moneys are not so deposited or if

the notice is rescinded as described herein. The Paying Agent shall give prompt notice of such rescission to the affected Bondowners. Any Series 2020B Bonds subject to Conditional Redemption where redemption has been rescinded shall remain Outstanding, and the rescission shall not constitute an Event of Default. Further, in the case of a Conditional Redemption, the failure of the Board of Liquidation to make funds available in part or in whole on or before the redemption date shall not constitute an Event of Default.

Any notice mailed or provided herein shall conclusively be presumed to have been given whether or not actually received by any Bondholder. Failure to give such notice or any defect therein shall not affect the validity of the redemption proceedings.

SECTION 3.04. Transfer, Registration and Assignment. The Series 2020B Bonds may be transferred, registered and assigned only on the registration books of the Paying Agent, and such registration shall be at the expense of the Issuer. A Series 2020B Bond may be assigned by the execution of an assignment form on such Series 2020B Bonds or by other instruments of transfer and assignment acceptable to the Paying Agent. A new Series 2020B Bond or Series 2020B Bonds will be delivered by the Paying Agent to the last assignee (the new registered owner) in exchange for such transferred and assigned Series 2020B Bonds after receipt of such Series 2020B Bonds to be transferred in proper form. Such new Series 2020B Bond or Series 2020B Bonds must be in the denomination of \$5,000 or any integral multiple in excess thereof within a single maturity. Neither the Board of Liquidation nor the Paying Agent shall be required to issue, register the transfer of, or exchange (i) any Series 2020B Bond during a period beginning at the opening of business on the 15th day of the month next preceding any interest payment date and ending at the close of business on the interest payment date, or (ii) any Series 2020B Bond called for redemption prior to maturity during the period of fifteen (15) days after the mailing of notice of redemption as provided herein, but only with respect to those Series 2020B Bonds which are the subject of such redemption.

ARTICLE IV

APPLICATION OF PROCEEDS OF SERIES 2020B BONDS

SECTION 4.01. Obligations and Conditions. As a condition to the issuance of the Series 2020B Bonds, the Board hereby obligates itself or shall cause the Board of Liquidation to:

(a) Set aside proceeds of the Series 2020B Bonds representing accrued interest, if any, into the Debt Service Fund, which is held under Section 7.04 of the General Bond Resolution by the Board of Liquidation; and

(b) Transfer to the Series 2020B Account of the Construction Fund established by Section 6.01 of the General Bond Resolution the amount of Series 2020B Bond Proceeds set aside for the Costs of Capital Improvements and the amount to be set aside for capitalized interest, if any, as determined in the Certificate of Determination.

(c) Transfer to the Common Debt Service Reserve Fund the amount, if any, necessary to fully fund the Common Debt Service Reserve Fund for the Series 2020B Bonds and the Outstanding Parity Bonds secured thereby in an amount equal to the Common Debt Service Reserve Requirement.

(d) Provide for the payment of all Cost of Issuance of the Series 2020B Bonds from proceeds of the Series 2020B Bonds set aside by the Board of Liquidation for this purpose.

(e) Provide for the payment of bond insurance should it be available and cost effective.

The amounts of the deposits set forth above shall be set forth in the Certificate of Determination.

ARTICLE V

SALE OF SERIES 2020B BONDS

SECTION 5.01. Sale of Series 2020B Bonds. The Series 2020B Bonds shall be sold for and on behalf of the Board and the City by the Board of Liquidation at a public sale in accordance with the provisions of the Act. The Board of Liquidation may determine to sell less than all of the Series 2020B Bonds authorized herein. The President, President *pro tempore* and the Executive Director of the Board are each hereby authorized to execute any and all instruments, certificates, documents, and papers relating to the issuance, sale and delivery of the Series 2020B Bonds, in connection with the sale of the Series 2020B Bonds in such form as may be approved by said officers upon the advice of Bond Counsel.

SECTION 5.02. Certificate of Determination. Certain details of the Series 2020B Bonds (which shall be established in accordance with the parameters set forth in Section 2.01 hereof) shall be established by the Certificate of Determination contemporaneously with the execution and delivery by the Board and the Board of Liquidation of the hereinafter defined Bond Purchase Agreement. Each and every such determination set forth in the Certificate of Determination shall be deemed conclusive for all purposes. The Certificate of Determination shall be substantially in the form set forth in **Exhibit B** hereto, with such variations, omissions and insertions as are permitted or required by this Fifth Supplemental Resolution.

Subject to the parameters set forth herein, the Executive Director is hereby authorized to determine, upon the advice of the Financial Advisor to the Board of Liquidation and after consultation with and concurrence of Bond Counsel and the Board of Liquidation:

- (a) The principal amount of the Series 2020B Bonds;
- (b) The purchase price of the Series 2020B Bonds;
- (c) The maturity schedule of the Series 2020B Bonds;
- (d) The redemption provisions, if any, of the Series 2020B Bonds;
- (e) The mandatory sinking fund redemption schedule, if any, of the Series 2020B Bonds;
- (f) The interest rate(s) on the Series 2020B Bonds;
- (g) The application of proceeds of the Series 2020B Bonds; and

(h) Any other matters or provisions related to the Series 2020B Bonds, including any change necessitated by the pricing of the Series 2020B Bonds, in each case in accordance or not inconsistent with the provisions of the General Bond Resolution or this Fifth Supplemental Resolution.

The Board shall deliver the executed Certificate of Determination to the Board of Liquidation as soon as possible after the execution of the Bond Purchase Agreement.

SECTION 5.03. Approval of Preliminary Official Statement, Official Statement, Purchase Agreement and Other Documents.

(a) In connection with the issuance and sale of the Series 2020B Bonds, the Authorized Officers are authorized to assist in the preparation of and approve:

- (i) a Preliminary Official Statement to be used in connection with the marketing of the Series 2020B Bonds;
- (ii) a final Official Statement to be used in connection with the sale of the Series 2020B Bonds;
- (iii) a Bond Purchase Agreement in connection with the sale of the Series 2020B Bonds; and
- (iv) a Continuing Disclosure Certificate pursuant to S.E.C. Rule 15c2-12(b)(5).

(b) The Authorized Officers, or any of them, are hereby authorized and directed to execute and deliver foregoing documents as may be required, said execution being conclusive evidence of such approval.

SECTION 5.04. Authorized Officers. The Executive Director and the President and the President *pro tempore*, acting singly, be and each of them hereby is authorized and directed to execute and deliver any and all documents and instruments and to do and cause to be done any and all acts and things necessary or proper for carrying out the transactions contemplated by the General Bond Resolution and this Fifth Supplemental Resolution.

ARTICLE VI
EXECUTION AND DELIVERY OF SERIES 2020B BONDS

SECTION 6.01. Execution/Delivery. The President of this Board is hereby authorized and the Mayor of the City and the President and Secretary of the Board of Liquidation are requested to sign in their official capacities and deliver the Series 2020B Bonds in the form set forth in **Exhibit A** hereto, including any changes, additions and deletions thereto approved by Bond Counsel, in definitive form, as printed bonds, and to execute and deliver any and all additional proofs, instruments and certificates required by or provided for in the General Bond Resolution, this Fifth Supplemental Resolution, or the Series 2020B Bonds, and perform such other acts as may otherwise be required to effectuate the financing herein provided for. All of the signatures authorized hereinabove as so executed shall be deemed conclusive evidence of the due

exercise of the authority vested in each such officer hereunder, and shall be sufficient to create binding obligations of the Board, the City and the Board of Liquidation. All such signatures may be facsimiles thereof, so long as the signature of the Paying Agent is manually executed.

ARTICLE VII MISCELLANEOUS PROVISIONS

SECTION 7.01. Selection of Paying Agent. The Board hereby designates _____ to serve as Paying Agent for the Series 2020B Bonds. The Paying Agent shall signify in writing its acceptance of its duties under this Fifth Supplemental Resolution at or prior to the delivery of the Series 2020B Bonds.

SECTION 7.02. Effect of Partial Invalidity. In case any one or more of the provisions of the General Bond Resolution or this Fifth Supplemental Resolution shall for any reason be held to be illegal or invalid, such illegality or invalidity shall not affect other provisions of the General Bond Resolution or this Fifth Supplemental Resolution, but the General Bond Resolution and this Fifth Supplemental Resolution shall be construed and enforced as if such illegal or invalid provisions had not been contained therein.

SECTION 7.03. Effect of Covenants. All covenants, stipulations, obligations and agreements of the Board contained in this Fifth Supplemental Resolution shall be deemed to be covenants, stipulations, obligations and agreements of the Board to the full extent permitted by the Constitution and laws of the State of Louisiana.

SECTION 7.04. Arbitrage. The Board covenants and agrees that, to the extent permitted by the laws of the State of Louisiana, it will comply with the requirements of Code in order to establish, maintain and preserve the exclusion from “gross income” of interest on the Series 2020B Bonds under the Code. The Issuer further covenants and agrees that it will not take any action, fail to take any action, or permit any action within its control to be taken, or permit at any time or times any of the proceeds of the Series 2020B Bonds or any other funds of the Board to be used directly or indirectly in any manner, the effect of which would be to cause the Series 2020B Bonds to be “arbitrage bonds” or would result in the inclusion of the interest on any of the Series 2020B Bonds in gross income under the Code, including, without limitation, (i) the failure to comply with the limitation on investment of Series 2020B Bond proceeds or (ii) the failure to pay any required rebate of arbitrage earnings to the United States of America or (iii) the use of the proceeds of the Series 2020B Bonds in a manner which would cause the Bonds to be “private activity bonds.”

The Executive Director, President and President *pro tempore* are hereby empowered, authorized and directed to take any and all action and to execute and deliver any instrument, document or certificate necessary to effectuate the purposes of this Section.

SECTION 7.05. Section Headings. The headings of the various Sections hereof are inserted for convenience of reference only and shall not control or affect the meaning or construction of any of the provisions hereof.

SECTION 7.06. Conflicts. All resolutions and orders or parts thereof in conflict herewith as they are applicable to the Series 2020B Bonds, to the extent of such conflict and only with respect to their applicability to the Series 2020B Bonds, shall be superseded by the applicable provisions of this Fifth Supplemental Resolution.

SECTION 7.07. Publication. A copy of this Fifth Supplemental Resolution shall be published as soon as practicable after its adoption in one issue of the official journal of the City, and it shall not be necessary to publish the exhibits hereto if the exhibits are made available for public inspection at reasonable times and that fact is stated in the publication. For a period of thirty (30) days from the date of publication, any person in interest may contest the legality of this Fifth Supplemental Resolution and of any provision hereof made for the security and payment of the Series 2020B Bonds. After the expiration of said thirty (30) days, no one shall have any cause or right of action to test the regularity, formality, legality or effectiveness of this Fifth Supplemental Resolution and the provisions hereof or of the Series 2020B Bonds for any cause whatsoever. If no suit, action, or proceeding is begun contesting the validity of the Series 2020B Bonds within the thirty days, the authority to issue the bonds and to provide for the payment thereof, and the legality thereof and of all of this Fifth Supplemental Resolution shall be conclusively presumed, and no court shall thereafter have authority to inquire into such matters.

ARTICLE VIII REQUEST FOR APPROVALS

SECTION 8.01. Request to the Board of Liquidation, City Debt, for the Sale and Delivery of the Series 2020B Bonds. The Board of Liquidation is hereby requested to cause the Series 2020B Bonds to be sold, executed and delivered to the purchaser thereof upon receipt of the purchase price thereof and accrued interest, if any, to the date of delivery.

SECTION 8.02. Direction to Deliver Documents to the Board of Liquidation. The Executive Director of the Board is hereby directed to deliver to the Board of Liquidation, as soon as such documents are available, the documents specified in Section 4.03 of the General Bond Resolution with respect to the Series 2020B Bonds.

SECTION 8.03. Request for Approval. A certified copy of this resolution shall be furnished to the City Council of the City. The Board hereby requests the Council of the City and the Board of Liquidation to approve this Fifth Supplemental Resolution and any other resolutions of the Board providing for the issuance of the Series 2020B Bonds, if required by law.

SECTION 8.04. Effective Date. This Fifth Supplemental Resolution shall become effective immediately.

This resolution having been submitted to a vote, the vote thereon was as follows:

<u>Member</u>	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstaining</u>
Jay H. Banks	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Robin Barnes	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Tamika Duplessis, Ph. D.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Alejandra Guzman	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Janet Howard	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Ralph Johnson	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Joseph Peychaud	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Lynes R. "Poco" Sloss	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Maurice G. Sholas	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Mayor LaToya Cantrell	<u> </u>	<u> </u>	<u> </u>	<u> </u>

And the resolution was declared adopted on this ____ day of _____, 2020.

EXHIBIT A
TO FIFTH SUPPLEMENTAL RESOLUTION

FORM OF BOND

Unless this Bond is presented by an authorized representative of the Depository Trust Company, a New York corporation (“DTC”), to the Board or the City or their agent for registration of transfer, exchange, or payment, and any Bond issued is registered in the name of CEDE & CO. or in such other name as is requested by an authorized representative of DTC (and any payment is made to CEDE & CO. or to such other entity as is requested by an authorized representative of DTC), ANY TRANSFER, PLEDGE, OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, CEDE & CO., has an interest herein.

As provided in the Resolution referred to herein, until the termination of the system of book-entry-only transfers through DTC and notwithstanding any other provision of the Resolution (herein defined) to the contrary, this Bond may be transferred, in whole but not in part, only to a nominee of DTC, or by a nominee of DTC to DTC or a nominee of DTC, or by DTC or a nominee of DTC to any successor securities depository or any nominee thereof.

No. R-_____

Principal Amount: \$_____

UNITED STATES OF AMERICA
STATE OF LOUISIANA PARISH
OF ORLEANS

CITY OF NEW ORLEANS, LOUISIANA SEWERAGE
SERVICE REVENUE BOND, SERIES 2020B

<u>Maturity Date</u>	<u>Interest Rate</u>	<u>Bond Date</u>	<u>CUSIP</u>
June 1, 2050	_____	_____	_____

PRINCIPAL AMOUNT:

The CITY OF NEW ORLEANS, LOUISIANA (the “City”), for value received, promises to pay, but only from the sources and as hereinafter provided, to

REGISTERED OWNER: CEDE & CO. (Tax Identification #13-2555119)

or registered assigns, on the Maturity Date set forth above, the Principal Amount set forth above, together with interest thereon from the Bond Date set forth above or the most recent interest payment date to which interest has been paid or duly provided for, payable on June 1 and December 1 of each year, commencing June 1, 2021 (each an “Interest Payment Date”), at the Interest Rate

per annum set forth above until said Principal Amount is paid, unless this Bond shall have been previously called for redemption and payment shall have been duly made or provided for. The principal of this Bond, upon maturity or redemption, is payable at the designated corporate trust office of _____, or successor thereto (the "Paying Agent") upon presentation and surrender hereof, and interest on this Bond will be payable by the Paying Agent by check mailed by the Paying Agent to the registered owner (determined as of the close of business on the 15th calendar day of the month next preceding said Interest Payment Date (the "Record Date")), whether or not such day is a Business Day (as defined in the Resolution) at the address as shown on the registration books of the Paying Agent. Interest on this Bond shall be calculated on the basis of a 360-day year consisting of twelve 30-day months.

During any period after the initial delivery of the Bonds in book-entry-only form when the Bonds are delivered in multiple certificates form, upon request of a registered owner of at least \$1,000,000 in principal amount of Bonds outstanding, all payments of principal, premium, if any, and interest on the Bonds will be paid by wire transfer in immediately available funds to an account designated by such registered owner; CUSIP number identification with appropriate dollar amounts for each CUSIP number must accompany all payments of principal, premium, and interest, whether by check or by wire transfer.

FOR SO LONG AS THIS BOND IS HELD IN BOOK-ENTRY FORM REGISTERED IN THE NAME OF CEDE & CO. ON THE REGISTRATION BOOKS OF THE CITY KEPT BY THE PAYING AGENT, AS BOND REGISTRAR, THIS BOND, IF CALLED FOR PARTIAL REDEMPTION IN ACCORDANCE WITH THE BOND RESOLUTION, SHALL BECOME DUE AND PAYABLE ON THE REDEMPTION DATE DESIGNATED IN THE NOTICE OF REDEMPTION GIVEN IN ACCORDANCE WITH THE BOND RESOLUTION AT, AND ONLY TO THE EXTENT OF, THE REDEMPTION PRICE, PLUS ACCRUED INTEREST TO THE SPECIFIED REDEMPTION DATE; AND THIS BOND SHALL BE PAID, TO THE EXTENT SO REDEEMED, (i) UPON PRESENTATION AND SURRENDER THEREOF AT THE OFFICE SPECIFIED IN SUCH NOTICE OR (ii) AT THE WRITTEN REQUEST OF CEDE & CO., BY CHECK MAILED TO CEDE & CO. BY THE PAYING AGENT OR BY WIRE TRANSFER TO CEDE & CO. BY THE PAYING AGENT IF CEDE & CO. AS BONDOWNER SO ELECTS. IF, ON THE REDEMPTION DATE, MONEYS FOR THE REDEMPTION OF BONDS OF SUCH MATURITY TO BE REDEEMED, TOGETHER WITH INTEREST TO THE REDEMPTION DATE, SHALL BE HELD BY THE PAYING AGENT SO AS TO BE AVAILABLE THEREFOR ON SUCH DATE, AND AFTER NOTICE OF REDEMPTION SHALL HAVE BEEN GIVEN IN ACCORDANCE WITH THE BOND RESOLUTION, THEN, FROM AND AFTER THE REDEMPTION DATE, THE AGGREGATE PRINCIPAL AMOUNT OF THIS BOND SHALL BE IMMEDIATELY REDUCED BY AN AMOUNT EQUAL TO THE AGGREGATE PRINCIPAL AMOUNT THEREOF SO REDEEMED, NOTWITHSTANDING WHETHER THIS BOND HAS BEEN SURRENDERED TO THE PAYING AGENT FOR CANCELLATION.

This Bond is one of an authorized issue aggregating in principal the sum of [Sixty Four Million Seven Hundred Fifty Thousand Dollars (\$64,750,000)] (the "Bonds"), all of like tenor and effect except as to number, interest rate and maturity, said Bonds having been issued in the name of the City, acting by and through the Sewerage and Water Board of New Orleans (the "Board"),

for the purpose of paying Costs of Capital Improvements (as defined in the General Bond Resolution), funding a deposit to a debt service reserve fund, and paying costs incurred in connection therewith. The Bonds have been issued pursuant to a General Sewerage Service Revenue Bond Resolution adopted by the Board on May 21, 2014 and a Fifth Supplemental Sewerage Service Bond Resolution adopted by the Board on _____, 2020, and by a resolution adopted by the Board of Liquidation, City Debt (the "Board of Liquidation") on _____, 2020 (collectively, the "Resolution"), under the authority conferred by Section 4121 of Title 33 of the Louisiana Revised Statutes of 1950, as amended (the "Act"), and other constitutional and statutory authority. This Bond and the issue of which it forms a part are payable as to both principal and interest solely from the Net Revenues and other funds of the Board pledged for that purpose by the Resolution. Subject to the foregoing, this Bond and the issue of which it forms a part are issued on a complete parity with the Issuer's outstanding (i) Sewerage Service Revenue Bonds, Series 2011; (ii) Sewerage Service Revenue and Refunding Bonds, Series 2014; (iii) Sewerage Service Revenue Bonds, Series 2015; (iv) Sewerage Service Revenue Bonds, Series 2019; and (v) Sewerage Service Revenue Bonds, Series 2020A (collectively, the "Outstanding Parity Bonds"), with respect to the revenues derived from sewerage service charges and other funds pledged by the Resolution for the payment and security of the Bonds and the Outstanding Parity Bonds.

The Bonds, equally with the Outstanding Parity Bonds and such additional bonds as may hereafter be issued under the Resolution on a parity therewith are, and are to be, equally and ratably secured by the pledge of the revenues derived from sewerage service charges of the City, for purposes relating to the sewerage system of the City, as provided in the Act and the Resolution, to which reference is hereby made for a more complete description of the rights of the owners of the Bonds and of the Board with respect to the sewerage system of the City, and the revenues thereof, and the terms and conditions upon which the Bonds and such additional parity bonds are, and are to be, issued, to all of the provisions of which Resolution each Bond owner, by acceptance hereof, assents. This Bond and the issue of which it forms a part do not constitute a debt of the City, and neither the credit nor the taxing power of the City is pledged to the payment thereof, or any part thereof, or to the payment of any interest thereon.

Pursuant to the Act, the Board of Liquidation, as now organized and created and with the powers, duties and functions prescribed by existing laws, shall be continued while any bonds authorized by the aforesaid provisions of law are outstanding and unpaid; and all sewer revenues which may be collected for the payment of said Bonds shall, be paid over to said Board of Liquidation, and shall by it be applied in payment of the principal of and interest on said Bonds; and said Board of Liquidation shall, with respect to all Bonds authorized, be entitled to exercise all the rights and enforce the performance of all the obligations, the same as it is authorized to do under existing laws with respect to any of the registered outstanding Bonds of the Board. Each Bond of this issue constitutes a contract between the City, the Board, the Board of Liquidation, and the Registered Owner of such Bond.

Those Bonds maturing June 1, 20__ and thereafter shall be subject to redemption at the option of the Board of Liquidation in full or in part at any time on after June 1, 20__, at a redemption price equal to 100% of the principal amount of the Series 2020B Bonds to be

redeemed, together with accrued interest to the date fixed for redemption. The maturities of the Bonds to be redeemed shall be selected by the Board of Liquidation in its discretion.

In the event of redemption of fewer than all the outstanding Bonds of like maturity, such Bonds shall be redeemed by lot or in such other manner as shall be deemed fair and equitable by the Paying Agent for random selection.

Optional redemption of the Series 2020B Bonds shall be applied ratably, as nearly as possible, against each of the mandatory sinking fund requirements set forth below.

The Bonds due on June 1, 20__, shall be subject to mandatory redemption prior to maturity through application of sinking fund payments on June 1 in each of the years and in the respective principal amounts set forth below, in each case at a redemption price equal to 100 of their principal amount, plus accrued interest to the date of redemption.

Year (June 1)	Amount
20__	\$ _____
20__	_____
20__	_____
20__	_____
20__ *	_____

*Final maturity

In the event a Bond is of a denomination larger than \$5,000, a portion of such Bond (\$5,000 or any multiple thereof) may be redeemed. Official notice of such call of any of the Bonds for redemption will be given by first class mail, postage prepaid, by notice deposited in the United States mails not less than thirty (30) days prior to the redemption date addressed to the registered owner of each Bond to be redeemed at his address as shown on the registration books of the Paying Agent.

There shall be kept at the designated corporate trust office of the Paying Agent a register (the "Bond Register") in which registration of the Bonds shall be made as provided herein. This Bond is transferable only upon the records kept for that purpose at the principal corporate trust office of the Paying Agent by the person in whose name this Bond is registered (the "Registered Owner") or by his or her attorney duly authorized in writing, upon surrender hereof together with a written instrument of transfer satisfactory to the Paying Agent duly executed by the Registered Owner or such duly authorized attorney, and thereupon the Paying Agent shall issue in the name of the transferee a new fully registered Bond or Bonds of the same aggregate principal amount and designation, maturity and interest rate as the surrendered Bond, and upon the payment of the costs of any transfer taxes or other governmental charges relating thereto. The Board of Liquidation and the Paying Agent may treat and consider the person in whose name this Bond is registered as the absolute owner hereof for the purpose of receiving payment of or on account of the principal hereof and interest and premium, if any, hereon, and for all other purposes whatsoever. Neither the Board of Liquidation nor the Paying Agent shall be required to issue, register the transfer of, or exchange (i) any Bond during a period beginning at the opening of business on the 15th day of the month next preceding any interest payment date and ending at the close of business on the interest

payment date, or (ii) any Bond called for redemption prior to maturity during the period of fifteen (15) days after the mailing of notice of redemption as provided herein, but only with respect to those Bonds which are the subject of such redemption

This Bond and the series of which it forms a part are issuable in the form of fully registered bonds of the denomination of \$5,000 each or any integral multiple thereof. Subject to the conditions and upon the payment of the costs of any transfer taxes or other governmental charges relating to the transfer of this Bond upon surrender hereof at the principal corporate trust office of the Paying Agent with a written instrument of transfer satisfactory to the Paying Agent duly executed by the Registered Owner or by his attorney duly authorized in writing, this Board may at the option of the Registered Owner hereof be exchanged for an equal aggregate principal amount of fully registered bonds of the same designation, maturity and interest rate and of any authorized denomination.

For a more complete statement of the source of moneys from which and conditions under which this Bond is payable, a statement of the conditions under which additional Bonds may hereafter be issued on a parity with the Bonds, and the general covenants and provisions pursuant to which this Bond is issued, and the conditions under which the pledges and covenants of the City, the Board and the Board of Liquidation may be discharged and this Bond no longer be deemed outstanding, reference is hereby made to the Resolution. This Bond and the issue of which it forms a part do not constitute a debt of the City, but are payable as to principal and interest, solely out of the Net Revenues of the Board pledged for that purpose.

This Bond shall not be valid or become obligatory for any purpose or be entitled to any security or benefit under the Resolution (herein defined) until the certificate of registration hereon shall have been signed by the Paying Agent.

It is hereby certified, recited and declared that all acts, conditions and things required by the Constitution and laws of the State of Louisiana to exist, to have happened and to have been performed precedent to and in the issuance of this Bond do exist, have happened and have been performed in regular and due time form and manner as prescribed by law, and the amount of this Bond and the issue of which it forms a part, together with all other obligations or indebtedness of the City and the Board, does not exceed any constitutional, statutory or other limitation of indebtedness.

IN WITNESS WHEREOF, the City of New Orleans, Louisiana has caused this Bond to be executed in its name by the facsimile signatures of its Mayor, the President of the Sewerage and Water Board of New Orleans, and the President and Secretary of the Board of Liquidation, City Debt, and a facsimile of its corporate seal to be imprinted hereon.

CITY OF NEW ORLEANS, LOUISIANA

By: _____ By: _____
President, Mayor,
Board of Liquidation, City Debt City of New Orleans, Louisiana

By: _____ By: _____
Secretary, President,
Board of Liquidation, City Debt Sewerage and Water Board of New Orleans

[SEAL]

* * * * *

PAYING AGENT'S CERTIFICATE OF REGISTRATION

This Bond is one of the Bonds referred to in the within-mentioned Resolution.

_____,
as Paying Agent

Date of Registration: _____ By: _____
Authorized Officer

* * * * *

FORM OF ASSIGNMENT

FOR VALUE RECEIVED, the undersigned hereby sells, assigns and transfers unto _____

Please Insert Social Security
or other Identifying Number of Assignee

the within Bond and all rights thereunder, and hereby irrevocably constitutes and appoints _____

attorney or agent to transfer the within Bond on the books kept for registration thereof, with full power of substitution in the premises.

Dated: _____

NOTICE: The signature to this assignment must correspond with the name as it appears upon the face of the within Bond in every particular, without alteration or enlargement or any change whatever.

* * * * *

EXHIBIT B
TO FIFTH SUPPLEMENTAL RESOLUTION

FORM OF CERTIFICATE OF DETERMINATION

\$64,750,000

CITY OF NEW ORLEANS, LOUISIANA
SEWERAGE SERVICE REVENUE BONDS
2020 SERIES B

We, the undersigned representatives of the Sewerage and Water Board of New Orleans (the "Board"), pursuant to the General Sewerage Service Bond Resolution adopted by the Board on May 21, 2014 and the Fifth Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on _____, 2020 (collectively, the "Resolution"), do hereby certify and determine, on behalf of the Board, with respect to the sale of the above captioned bonds (the "Bonds") to _____, as representative of the underwriters (the "Underwriter"), as follows:

1. **Defined Terms.** Terms not otherwise defined in this Certificate of Determination shall have the same meanings as set forth in the Resolution unless the context otherwise requires.
2. **Principal Amount.** The principal amount of the Bonds is Sixty-Four Million Seven Hundred Fifty Thousand (\$64,750,000).
3. **Purchase Price.** The Bonds were sold at a price of \$_____, representing \$_____ principal amount, plus original issue premium of \$_____, less underwriting discount of \$_____.
4. **Maturity Schedule and Interest Rates*.** The Bonds shall mature on June 1 of each year in the principal amounts and shall bear interest at the rates (not to exceed 6.0%) as follows:

Year (June 1)	Principal Amount*	Interest Rate	Year (June 1)	Principal Amount*	Interest Rate
2021	\$ _____	___.__%	2036	_____	___.__%
2022	_____	___.__%	2037	_____	___.__%
2023	_____	___.__%	2038	_____	___.__%
2024	_____	___.__%	2039	_____	___.__%
2025	_____	___.__%	2040	_____	___.__%
2026	_____	___.__%	2041	_____	___.__%
2027	_____	___.__%	2042	_____	___.__%
2028	_____	___.__%	2043	_____	___.__%
2029	_____	___.__%	2044	_____	___.__%
2030	_____	___.__%	2045	_____	___.__%
2031	_____	___.__%	2046	_____	___.__%
2032	_____	___.__%	2047	_____	___.__%
2033	_____	___.__%	2048	_____	___.__%
2034	_____	___.__%	2049	_____	___.__%
2035	_____	___.__%	2050	_____	___.__%

*Such principal amounts are preliminary and are subject to change depending on market conditions existing on the date of sale. However, such amounts will not change by more than is necessary to fund the deposits referred to in Paragraph 6 and in particular, fund a deposit to the Construction Fund (net of Capitalized Interest) in an amount of \$64,750,000.

Term Bonds Option: At pricing, the Board of Liquidation may designate the principal amounts of the Bonds maturing on and after June 1, 2030 as Term Bonds, and any such Term Bonds will have a stated maturity amount equal to the sum of the annual principal amounts designated as a part of such term maturity. Only one term maturity may be subject to mandatory sinking fund redemption in any year. Upon such designation, the Bonds of such term maturity shall be subject to mandatory sinking fund redemption in part by lot on June 1, such that the principal amount subject to mandatory sinking fund redemption matches the principal amounts set forth in the table above, adjusted as permitted by this Certificate, and equals the principal amount of such Term Bond. Such sinking fund redemptions shall be in the principal amounts, adjusted as permitted by this Certificate, which would otherwise have matured sequentially in such designated years, at the price of par plus accrued interest to the redemption date, without premium.

Furthermore, if the Board of Liquidation, after consultation with the Sewerage and Water Board, determines in its sole discretion that the funds necessary to accomplish the purposes for issuance, as herein described, are either more or less than the proceeds of the sale of all of the Bonds, the Board of Liquidation and the Sewerage and Water Board reserve the right either to increase or decrease the principal amount of any maturity of the Bonds (to be rounded to the nearest \$5,000), provided that any such increase shall not, in the aggregate, cause the total amount of Bonds to exceed \$64,750,000.

5. ***Optional Redemption.*** Those Bonds maturing June 1, 20__ and thereafter shall be subject to redemption at the option of the Board of Liquidation in full or in part at any time on or after June 1, 20__, at a redemption price equal to 100% of the principal amount of the Series 2020B Bonds to be redeemed, together with accrued interest to the date fixed for redemption. The maturities of the Bonds to be redeemed shall be selected by the Board of Liquidation in its discretion.

6. ***Use of Proceeds.*** The proceeds of the Bonds in the amount of \$64,750,000 shall be disbursed as follows:

(a) \$_____ shall be deposited in the Series 2020B Account of the Construction Fund; of such amount, \$_____ shall be used to pay Cost of Capital Improvements;

(b) \$_____ shall be deposited to the Common Debt Service Reserve Fund;

(c) \$_____ shall be deposited in the Capitalized Interest Fund; and

(d) \$_____ shall be used to pay Costs of Issuance.

Preliminary; subject to change.

IN WITNESS WHEREOF, witness our signatures on this _____ day of _____, 2020.

SEWERAGE AND WATER BOARD OF
NEW ORLEANS

By: _____
Title: Executive Director

By: _____
Title: President

STATE OF LOUISIANA

PARISH OF ORLEANS

I, the undersigned Executive Director of the Sewerage and Water Board of New Orleans (the "Board"), do hereby certify that the foregoing pages constitute a true and correct copy of a Fifth Supplemental Resolution authorizing the issuance of Sewerage Service Revenue Bonds, Series 2020B, of the City of New Orleans, Louisiana, in the maximum principal amount of Sixty Four Million Seven Hundred Fifty Thousand Dollars (\$64,750,000) in accordance with the terms of the General Sewerage Service Revenue Bond Resolution; setting forth certain details in connection therewith; authorizing the execution and delivery of said bonds; authorizing the execution of a Bond Purchase Agreement and a Certificate of Determination; and providing for other matters relating to the foregoing.

IN FAITH WHEREOF, witness my official signature on this, the ____ day of _____, 2020.

Executive Director of the Sewerage
and Water Board of New Orleans



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: September 3, 2020

To: Board of Directors

From: Dexter Joseph, Planning & Budget Director

Re: Resolution R-110-2020 to adopt the Sewerage and Water Board Millage for the fiscal year 2021

Summary. Staff recommends the adoption of the attached resolution to set millage rates for collections on behalf of the Sewerage and Water Board at the same rates that were in effect for 2020.

Background. The Louisiana Constitution authorizes the setting of the millage rate after reassessment but not in excess of the prior year's maximum authorized millage rate and only after a public hearing is held and call for that purpose, and only if approved by a two-third majority vote of the tax recipient body. A public hearing on this matter will be held on Wednesday, September 16, 2020.

The Proposed Millage Rates. The 2021 millage rate revenues will be determined once the Board of Review Certifies the Tax Rolls and will be calculated based on the following three mills.

Three Mill Tax	LA Revised Statue 33:4124	4.46 mills
Six Mill Tax	LA Revised Statue 33:4137	4.71 mills
Nine Mill Tax	LA Revised Statute 33:4147	7.06 mills

These funds are dedicated by law and the Sewerage and Water Board to the drainage system that protects Orleans Parish.

Recommended Action. The Council of the City of New Orleans is required by the provisions of Article VII, Section 23 of the Louisiana Constitution to adjust the millage for certain tax recipient bodies within the Parish of Orleans and to levy Ad Valorem taxes on behalf of itself or such other tax recipient bodies in the Parish of Orleans.

Staff recommends that it would be appropriate for the Finance/Operations Committee to recommend to the Board of Directors of Sewerage and Water Board for adoption of the attached resolution to set millages collected on behalf of Sewerage and Water Board at the same rates as were in effect in 2020.

**REQUEST TO SET SEWERAGE AND WATER BOARD
DRAINAGE MILLAGE RATES FOR 2021**

WHEREAS, the Council of the City of New Orleans is required by the provisions of Article VII, Section 23 of the Louisiana Constitution to set the millage for certain tax recipient bodies within the Parish of Orleans and to levy Ad Valorem taxes on behalf of itself or such other tax recipient bodies in the Parish of Orleans; and

WHEREAS, such Ad Valorem Tax Millages must be levied for said bodies for the year 2021; and

WHEREAS, Sewerage and Water Board desires to set its Ad Valorem Tax Millage rate for 2021 at the same level as 2020;

NOW, THEREFORE, BE IT RESOLVED by Sewerage and Water Board of New Orleans that it hereby requests the Council of the City of New Orleans to set its Ad Valorem tax millage as follows and to levy these taxes for 2021:

1. Three Mill Tax (Adjusted) – LA Revised Statute 33:4124
For the operation and maintenance of the drainage system of the City of New Orleans and for the construction and extension of said drainage systems, excluding subsurface drainage systems and their appurtenances at 4.46 mills.
2. Six Mill Tax (Adjusted) – LA Revised Statute 33:4137
For the operation and maintenance of the drainage system of the City of New Orleans, and for the construction and extension of said drainage systems, excluding subsurface drainage systems and their appurtenances at 4.71 mills; and
3. Nine Mill Tax (Adjusted) - LA Revised Statute 33:4147
For the operation and maintenance of the drainage system of the City of New Orleans, and for the construction and extension of said drainage systems, excluding subsurface drainage systems and their appurtenances at 7.06 mills.

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 a meeting of its Board of Directors
duly called and held, according to law on
September 16, 2020.

Ghassan Korban
Executive Director



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: September 2, 2020

To: Board Relations

From: Melinda Nelson, Utility Services Administrator

Re: ESRI Software Contract Renewal

ESRI GIS software is the world-wide standard for computer mapping software.

In 2017 the Board entered into a 3-year \$1,119,000 (one million, one hundred nineteen thousand and 00/00 dollar) enterprise license agreement with ESRI for the use of their software products. After discussions with ESRI on the renewal of the agreement, ESRI has structured the software products and counts in the new agreement based on the Board's IT plans for the next 3 years.

ESRI software is used extensively throughout the Board and its continued use is necessary. I am therefore recommending that the contract be renewed.

The contract renewal includes the following products and license counts:

EA Products–Uncapped Quantities

Item	Total Qty./Seats to Be Deployed
ArcGIS Desktop Products (Single and Concurrent Use)	
Basic, Standard, and Advanced	<i>Uncapped</i>
ArcGIS Desktop Extensions (Single and Concurrent Use)	
ArcGIS 3D Analyst, ArcGIS Data Reviewer, ArcGIS Geostatistical Analyst, ArcGIS Network Analyst, ArcGIS Publisher, ArcGIS Schematics, ArcGIS Spatial Analyst, and ArcGIS Workflow Manager	<i>Uncapped</i>
ArcGIS Enterprise Products (Standard/Advanced)	
ArcGIS Enterprise and Workgroup	<i>Uncapped</i>
ArcGIS Enterprise Extensions	
ArcGIS 3D Analyst, ArcGIS Geostatistical Analyst, ArcGIS Network Analyst, ArcGIS Schematics, ArcGIS Spatial Analyst, ArcGIS Data Reviewer, and ArcGIS Workflow Manager	<i>Uncapped</i>
ArcGIS Enterprise Additional Capability Servers	
ArcGIS Image Server, ArcGIS GeoEvent Server, ArcGIS Monitor	<i>Uncapped</i>

EA Products–Limited Quantities

Item	Rolled-In Qty. (if applicable)	Qty./Seats to Be Deployed	Total
ArcGIS Developer Enterprise Annual Subscription	-	2	2
Insights for ArcGIS Online Term License	-	5	5
Insights for ArcGIS Enterprise Term License	-	5	5
Navigator for ArcGIS Online Term License	-	10	10

Product	Number of Subscriptions	User Types	Annual Credits
ArcGIS Online Subscription (Organizational)	1	100 Viewer 175 Field Worker 50 Creator	68,750

Product	User Types
ArcGIS Enterprise User Type Term Licenses (Available at Version 10.7)	25 Creator 50 Field Worker

Please put this item on the Finance and Administration agenda.

Thanks.

**AUTHORIZATION TO RENEW AND EXTEND LICENSING AGREEMENT WITH
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC.**

WHEREAS, the Board and Environmental Systems Research Institute, Inc., (“ESRI”) are parties to an Agreement dated September 8, 2017, under which ESRI has provided geographic information system (GIS) computer mapping software, and various ESRI software components, products and services including “Real-Time GIS”, “GeoEvent Server” Server, and ArcGIS; and ; and

WHEREAS, ESRI is the company that has developed this software which is considered the “standard” worldwide to create and share maps and geographic databases, then use that information in a range of applications customized by users;

WHEREAS, ESRI’s ArcGIS can custom-make maps for usable by Board staff and crews, those in affected areas, government officials, municipal agencies and contractors that show change over time, compare “before and after” imagery, show in visualized layers the location and relationship of various types of physical infrastructure such as water lines, sewer lines, pipelines, other utility lines, and streets, allow creation of routes to access and coordinate work on such infrastructure, allow users to share relevant information in real time, and access the information needed in any situation - using a desktop computer, web browser, or smartphone, in a connected or disconnected environment, in a secure facility behind a firewall or using a public website; and

WHEREAS, ESRI’s “Real-Time GIS” improves situational and operational awareness, allows improved moment-by-moment decision-making during events by continuously updating maps and databases and sending alerts to key personnel the moment a critical threshold or event happens for faster decisions and response, creates the ability to simultaneously tap into, analyze, and display streaming data from many sensors, devices, and social media feeds, define filters and location-based analytics that automatically refine and focus real-time data on events, and can track entire fleets of vehicles in real time (as many ports, airports, transportation companies, and government agencies currently do using Esri's Real-Time GIS technology to monitor moving assets); and

WHEREAS, ESRI’s “GeoEvent Server” Server accommodates multiple streams of data flowing continuously through filters and processing steps that the client defines, performs real-time analytics on streams of data to identify patterns of interest to detect and focus on the most important events, locations, and thresholds for operations without interruption; then, when locations change, patterns of interest are detected, or specified criteria are met, the system automatically and simultaneously sends alerts to key personnel, updates the map, appends the database, and interacts with other enterprise systems. Alerts can be sent across multiple channels such as e-mails, texts, and instant messages to those who need them, wherever they need them. connects to in-vehicle GPS devices and social media providers, can track dynamic assets that are constantly changing location such as vehicles, equipment and weather and environmental monitoring sensors, provide real-time situational awareness for coordinated field activities; and

WHEREAS, ArcGIS enables better decision making, increases responsiveness, maximizes efficiency, prevents redundancy, and communicates efficiently by having complete, multi-dimensional, interactive and continually updated information; its features show where action is needed and resources can be deployed; the map features and types of information that can be incorporated, helps see where action is needed, breaks down barriers and facilitates collaboration by using interactive, high-quality cartographic maps that the client can easily create and share; and

WHEREAS, the Agreement was for an initial term of three (3) years at a cost of One Million One Hundred Nineteen Thousand and 00/100 (\$1,119,000.00) Dollars, payable in three annual installments of \$373,000.00; and

WHEREAS, the Information Technology staff of the Board has recommended that the Board extend the current Agreement with ESRI including renewal and extension of the related licensing agreements (i.e., Enterprise Agreement with related Appendices A and Master Agreement) for ESRI GIS at the proposed cost of One Million, Two Hundred Forty-Five Thousand Dollars (\$1,245,000) payable in three annual installments of \$415,000;

NOW, THEREFORE, BE IT RESOLVED that the President and/or President Pro Tem shall be authorized to execute a licensing agreement with Environmental Systems Research Institute, Inc.

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 September 16, 2020.

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

**GENERAL SUPERINTENDENT RECOMMENDATIONS
FOR THE SEPTEMBER 9, 2020
FINANCE AND ADMINISTRATION COMMITTEE MEETING**

A listing of the bids, change orders, amendments and final acceptances received during the month of August is included in the following report. A brief summary is attached for your review.

BIDS AND RENEWALS (1)

Page 4 R-100-2020 Contract 1403 Award – Construction of Carrollton Water Plant West Substation/Demolition of C7 and C8 Basins

CHANGE ORDERS (1)

Page 12 R-102-2020 Ratification of Change Order No. 3 for Contract 30109 – SPS A Structural Rehabilitation

CONTRACT AMENDMENTS (4)

Page 17 R-004-2020 Ratification of Contract Amendment No. 2 for Professional Services Between the Sewerage and Water Board of New Orleans and Design Engineering, Inc., for 404 Sewer HMGP

Page 21 R-103-2020 Ratification of Contract Amendment No. 6 for Professional Services Between the Sewerage and Water Board of New Orleans and Meyer Engineers LTD, for Design and Engineering Services for the Water Line Replacement Program

Page 28 R-104-2020 Ratification of Contract Amendment No. 5 for Professional Services Between the Sewerage and Water Board of New Orleans and Linfield, Hunter & Junius, Inc., for Design and Engineering Services for the Water Line Replacement Program

Page 33 R-105-2020 Ratification of Contract Amendment No. 10 for Professional Services Between the Sewerage and Water Board of New Orleans and Stanley Consultants, Inc., for Design and Engineering Services for Water Hammer Hazard Mitigation Program

CONTRACT FINAL ACCEPTANCE (1)

Page 38 R-101-2020 Final Acceptance for Contract 30102 – DPS 17/Station D
Structural Repairs

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

BIDS AND RENEWALS

**BID PROPOSALS CONTRACT 1403 - 2020 CONSTRUCTION OF CWP WEST
SUBSTATION/DEMOLITION OF C7 AND C8 BASINS**

BE IT RESOLVED by the Sewerage and Water Board of New Orleans that SIX (6) bids were received on August 10, 2020 after advertising according to the Public Bid Law, for demolition of the C7 and C8 basins and site preparation for the West Substation and related facilities. The low bid with Alternate No. 1 is hereby accepted and contract awarded therefore to **Cycle Construction Company, LLC** for the total amount of **\$7,619,394.00**.

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 August 19, 2020.

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

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET



ACTION REQUESTED

CONTRACT AWARD

Maintenance repair of sewer mains and sewer house connections across Orleans Parish

Approval to Renew Contract #30219, between the Sewerage and Water Board and Wallace C. Drennan Inc., in the amount of \$3,877,123.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	DBE PARTICIPATION GOAL: 36%
Cycle Construction Company, LLC	The Three C's Properties, Inc. Twin Shores Landscape & Construction Total Participation (as of 8/10/2020)	31.98% <u>7.28%</u> 39.26%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$7,619,394.00
Previous Changes Orders:	N/A
% Change of Contract:	N/A
Value of Requested Change:	N/A
% Change of Contract:	N/A
Has an NTP been issued:	No
Total Revised Contract Value:	\$7,619,394.00
% Change of Contract to Date:	N/A
Original Contract Completion Date:	To Be Determined
Time Extension requested:	N/A
Proposed Contract Completion Date:	360 Calendar Days

Purpose and Scope of the Contract:

The purpose of this contract is for the demolition of the existing and abandoned C7 & C8 basins at the Carrollton Water Plant. The site will then be prepared to receive the new West Substation to be constructed by Entergy. The site will also house future 60 Hz gas turbine generators and 60 Hz to 25 Hz frequency converters that will feed the Board's 25 Hz distribution system citywide. Alternate No. 1 of the bid will be accepted and will provide for the acceleration of completion of work in the area of the C7 basin within 180 days so that the construction of the first solid state frequency converter can begin as soon as possible.

Reason for Change

Design error/Omission <input type="checkbox"/>	Differing Site condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>	Design Change <input type="checkbox"/>	Other _____ <input type="checkbox"/>
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Not Applicable

Spending to date:

Cumulative Contract Value (as of 8/10/2020): \$7,619,394.00 (Bid amount)

Cumulative Contract Spending (as of 8/14/2020): \$0.00

Contractor's Past Performance:

Cycle Construction is currently providing structural repairs to Station A, and their performance has been satisfactory to date.

PROCUREMENT INFORMATION

Contract Type:	Fixed Unit Rate	Award Based On:	Lowest Competitive bid
Commodity:	Construction Services	Contract Number:	1403
Contractor Market:	Open Market with DBE participation		
Compliance with procurement laws	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

BUDGET INFORMATION

Funding:	CP 610-02	Department:	Engineering
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System:	Combo/Power	Department Head:	Melvin Spooner
Job Number:	TBD	Purchase Order #:	TBD

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount
Sewer System	40%	\$518,530.00
Water System	40%	\$518,530.00
Drainage System	20%	\$259,265.00
Grant (State Capital Outlay P1 Funds)		\$6,323,069.00
Other		
TOTAL ESTIMATED AWARD DOLLAR AMOUNT	100%	\$7,619,394.00



SEWERAGE AND WATER BOARD Inter-Office Memorandum

Date: August 14, 2020

To: Robert Turner, P.E.
General Superintendent

From: Gerald Pitalo, P.E.
Engineering Division Manager

Frank C. Fromherz II, P.E.
Acting Head, Civil Engineering

Re: *Aug 19 2020 8/15/20*
BID RECOMMENDATION

Frank C. Fromherz II PE

Digitally signed by Frank C. Fromherz II PE
DN: cn=Frank C. Fromherz II PE, o=Sewerage & Water Board,
ou=Civil Engineering, email=ffromherz@swbno.org, c=US
Date: 2020.08.14 18:45:36 -0500

Contract 1403 – Construction of CWP West Substation/Demolition of C7 and C8 Basins

Six (6) responsive bids were received for the subject Contract on Monday, August 10, 2020:

<u>Bidder</u>	<u>Base Bid</u>	<u>Alternate #1</u>	<u>Total Bid</u>
1. Lou-Con, Inc. **Withdrawn**	\$6,485,033.03	\$150,000.00	\$6,635,033.03
2. Cycle Construction Co., LLC	\$7,569,394.00	\$50,000.00	\$7,619,394.00
3. M.R. Pittman Group, LLC	\$8,729,568.00	\$240,000.00	\$8,969,568.00
4. Palmisano Construction, LLC	\$8,780,668.00	\$225,000.00	\$9,005,668.00
5. Boh Bros. Construction, LLC	\$9,556,877.20	\$135,000.00	\$9,691,877.20
6. B&K Construction, LLC	\$11,069,214.00	\$695,000.00	\$11,764,214.00
ENGINEER'S ESTIMATE	\$6,655,107.28	\$500,000.00	\$7,155,107.28

Following receipt of bids, Lou-Con, Inc. notified Purchasing that there was a material error in their bid and that they would withdraw their bid. Therefore, the lowest responsive bid was from Cycle Construction Co., LLC., in the amount of 7,619,394.00 for the Base Bid plus Alternate No. 1.

A DBE goal of 36% was recommended for this project, and the EDBP office considers Cycle's bid responsive. This project will be funded through Sewerage and Water Board Capital Program #610-02 – Construction of New CWP West Substation

The Engineering Department recommends that the Base Bid and Alternate No. 1 of Cycle Construction Co., LLC be accepted.

Please see the attached bid tabulation for all bids.

Enclosed: One (1) copy of Bid Tabulation

cc: Chad Lavoie (Water Purification Superintendent), Patti Wallace (Purchasing), Frank Fromherz (Civil Engineering), Leonard Hirsch (Civil Engineering), Ryan Battaglia (Civil Engineering), Alvin Porter (DBE), Julia Thomas (GSO), Legal Dept

BID TABULATION				Engineer's Estimate		BID WITHDRAWN Lou-Con, Inc. 3100 E. St. Bernard Hwy. Meraux, LA 70075		Cycle Construction Company, LLC 6 East Third St Kenner, LA 70062		M R Pittman Group, LLC 171 I-310 Service Road St. Rose, LA 70087	
Demolition of Abandoned C-7 & C-8 Basins and Other Site Improvements at the CWTB Contract 1403 Bids Received 11:00 AM CDT, August 10, 2020 Base Bid and Alternate 1 - Addendum 9						License # 2611		License # 3691		License No. 42296	
Pay Item No.	Item Description	Unit	Estimated Quantity	Estimated Unit Price	Estimated Cost	Bid Price	Bid Cost	Bid Price	Bid Cost	Bid Price	Bid Cost
Base Bid											
M-01	Mobilization & General Project Requirements	LS	1	\$ 715,826.51	\$ 715,826.51	\$ 600,000.00	\$ 600,000.00	\$ 640,000.00	\$ 640,000.00	\$ 240,000.00	\$ 240,000.00
M-02	Dewatering	LS	1	\$ 108,813.00	\$ 108,813.00	\$ 125,000.00	\$ 125,000.00	\$ 75,000.00	\$ 75,000.00	\$ 150,000.00	\$ 150,000.00
M-03	Removal of Sediment, Debris & Vegetation	LS	1	\$ 110,000.00	\$ 110,000.00	\$ 425,000.00	\$ 425,000.00	\$ 400,000.00	\$ 400,000.00	\$ 1,000,000.00	\$ 1,000,000.00
M-03a	Degrading of Existing Monticello Levee	CY	2133	\$ 35.00	\$ 74,655.00	\$ 10.00	\$ 21,330.00	\$ 12.00	\$ 25,596.00	\$ 10.00	\$ 21,330.00
M-04	Demolition & Protection of Existing Structures (Truck Measure)	LS	1	\$ 704,300.00	\$ 704,300.00	\$ 555,000.00	\$ 555,000.00	\$ 1,065,000.00	\$ 1,065,000.00	\$ 1,880,000.00	\$ 1,880,000.00
M-05	Sealing Gates & Valves	LS	1	\$ 185,643.00	\$ 185,643.00	\$ 175,250.00	\$ 175,250.00	\$ 60,000.00	\$ 60,000.00	\$ 40,000.00	\$ 40,000.00
Mobilization & Demolition Subtotal:				\$ 1,859,237.51	\$ 1,859,237.51	\$ 1,901,580.00	\$ 1,901,580.00	\$ 2,265,596.00	\$ 2,265,596.00	\$ 3,331,330.00	\$ 3,331,330.00
F-06	River Sand & General Regrading	CY	57126	\$ 14.00	\$ 799,764.00	\$ 16.19	\$ 924,869.94	\$ 14.00	\$ 799,764.00	\$ 13.00	\$ 742,638.00
F-07	Lightweight Aggregate	CY	22700	\$ 60.32	\$ 1,369,258.00	\$ 28.21	\$ 640,367.00	\$ 76.50	\$ 1,736,550.00	\$ 78.00	\$ 1,770,600.00
F-08	Aggregate Surface Course	CY	11070	\$ 26.91	\$ 297,838.35	\$ 76.80	\$ 850,176.00	\$ 53.00	\$ 586,710.00	\$ 45.00	\$ 498,150.00
Fill Subtotal:				\$ 2,466,860.35	\$ 2,466,860.35	\$ 2,415,412.94	\$ 2,415,412.94	\$ 3,123,024.00	\$ 3,123,024.00	\$ 3,011,388.00	\$ 3,011,388.00
D-09	Stormwater Detention System	LS	1	\$ 350,000.00	\$ 350,000.00	\$ 280,250.00	\$ 280,250.00	\$ 515,000.00	\$ 515,000.00	\$ 243,000.00	\$ 243,000.00
D-10	15" Storm Drain Pipe	LF	832	\$ 190.00	\$ 158,080.00	\$ 122.66	\$ 102,053.12	\$ 42.00	\$ 34,944.00	\$ 50.00	\$ 41,600.00
D-11	Precast Concrete Manhole	EA	9	\$ 4,800.00	\$ 43,200.00	\$ 5,833.00	\$ 52,497.00	\$ 3,000.00	\$ 27,000.00	\$ 5,000.00	\$ 45,000.00
D-12	Clean & Tap Existing 20" Gravity Drain	LS	1	\$ 17,045.00	\$ 17,045.00	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00	\$ 40,000.00
Stormwater Management Subtotal:				\$ 568,325.00	\$ 568,325.00	\$ 489,800.12	\$ 489,800.12	\$ 596,944.00	\$ 596,944.00	\$ 369,600.00	\$ 369,600.00
S-13	Asphalt Drive	SY	1770	\$ 200.00	\$ 354,000.00	\$ 73.44	\$ 129,988.80	\$ 97.00	\$ 171,690.00	\$ 125.00	\$ 221,250.00
S-14	Sidewalk & Siding	LS	1	\$ 95,364.67	\$ 95,364.67	\$ 90,000.00	\$ 90,000.00	\$ 95,000.00	\$ 95,000.00	\$ 85,000.00	\$ 85,000.00
S-15	8" Chain Link Fence & Gate w/ Barbed Wire	LF	840	\$ 50.00	\$ 42,000.00	\$ 47.61	\$ 39,992.40	\$ 26.00	\$ 21,840.00	\$ 40.00	\$ 33,600.00
S-15a	8" Wooden Fence & Gate	LF	400	\$ 50.00	\$ 20,000.00	\$ 45.00	\$ 18,000.00	\$ 25.00	\$ 10,000.00	\$ 42.00	\$ 16,800.00
S-16	Site Lighting	EA	19	\$ 3,000.00	\$ 57,000.00	\$ 2,631.57	\$ 49,999.83	\$ 4,100.00	\$ 77,900.00	\$ 5,000.00	\$ 95,000.00
S-17	Miscellaneous Modifications in C-7 & C-8	LS	1	\$ 73,361.00	\$ 73,361.00	\$ 50,000.00	\$ 50,000.00	\$ 75,000.00	\$ 75,000.00	\$ 100,000.00	\$ 100,000.00
S-18	Construction Layout & Staking	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 50,000.00	\$ 50,000.00	\$ 55,000.00	\$ 55,000.00	\$ 40,000.00	\$ 40,000.00
Site Improvements Subtotal:				\$ 671,725.67	\$ 671,725.67	\$ 427,981.03	\$ 427,981.03	\$ 506,430.00	\$ 506,430.00	\$ 591,550.00	\$ 591,550.00
P-19	6" Header & Discharge Piping, Fittings, Supports, and Connections	LF	1300	\$ 339.00	\$ 440,700.00	\$ 384.61	\$ 499,993.00	\$ 200.00	\$ 260,000.00	\$ 310.00	\$ 403,000.00
P-20	6" Check Valves	EA	14	\$ 1,750.00	\$ 24,500.00	\$ 1,785.71	\$ 24,999.94	\$ 1,500.00	\$ 21,000.00	\$ 1,400.00	\$ 19,600.00
P-21	6" Gate Valves	EA	24	\$ 1,750.00	\$ 42,000.00	\$ 1,000.00	\$ 24,000.00	\$ 4,100.00	\$ 98,400.00	\$ 4,000.00	\$ 96,000.00
P-22	Wet Well & Truck Ramp	LS	1	\$ 37,593.00	\$ 37,593.00	\$ 50,000.00	\$ 50,000.00	\$ 30,000.00	\$ 30,000.00	\$ 150,000.00	\$ 150,000.00
P-23	Pump Station Equipment	LS	1	\$ 138,165.75	\$ 138,165.75	\$ 250,000.00	\$ 250,000.00	\$ 290,000.00	\$ 290,000.00	\$ 400,000.00	\$ 400,000.00
P-24	Electrical Service	LS	1	\$ 320,000.00	\$ 320,000.00	\$ 371,266.00	\$ 371,266.00	\$ 338,000.00	\$ 338,000.00	\$ 257,000.00	\$ 257,000.00
Dredge Spoil Disposal System Subtotal:				\$ 1,002,958.75	\$ 1,002,958.75	\$ 1,217.67	\$ 1,220,258.94	\$ 3,439.00	\$ 1,037,400.00	\$ 32,179.00	\$ 1,325,600.00
A-29	Architectural Repairs	LS	1	\$ 46,000.00	\$ 46,000.00	\$ 60,000.00	\$ 60,000.00	\$ 40,000.00	\$ 40,000.00	\$ 100,000.00	\$ 100,000.00
Architectural Repairs Subtotal:				\$ 46,000.00	\$ 46,000.00	\$ 60,000.00	\$ 60,000.00	\$ 40,000.00	\$ 40,000.00	\$ 100,000.00	\$ 100,000.00
BASE BID CONSTRUCTION COST				\$ 6,655,107.28	\$ 6,655,107.28	\$ 6,485,033.03	\$ 6,485,033.03	\$ 7,569,394.00	\$ 7,569,394.00	\$ 8,729,568.00	\$ 8,729,568.00
Alternate 1 Bid											
MA-01	Project Acceleration	LS	1	\$ 500,000.00	\$ 500,000.00	\$ 150,000.00	\$ 150,000.00	\$ 50,000.00	\$ 50,000.00	\$ 240,000.00	\$ 240,000.00
ALTERNATE 1 CONSTRUCTION COST				\$ 500,000.00	\$ 500,000.00	\$ 150,000.00	\$ 150,000.00	\$ 50,000.00	\$ 50,000.00	\$ 240,000.00	\$ 240,000.00
BASE BID PLUS ALTERNATE 1 CONSTRUCTION COST				\$ 7,155,107.28	\$ 7,155,107.28	\$ 6,635,033.03	\$ 6,635,033.03	\$ 7,619,394.00	\$ 7,619,394.00	\$ 8,969,568.00	\$ 8,969,568.00

BID WITHDRAWN

Demolition of Abandoned C-7 & C-8 Basins and Other Site Improvements at the CWTP				Engineer's Estimate		Palmisano Construction, LLC		Boh Bros. Construction Co., LLC		B & K Construction Company, LLC	
Contract 1403						1730 Tchoupitoulas St.		730 South Tonti Street		1905 Highway 59	
Bids Received 11:00 AM CDT, August 10, 2020						New Orleans, LA 70130		New Orleans, LA 70119		Mandeville, LA 70448	
Base Bid and Alternate 1 - Addendum 9						License No. 44187		License No. 2179		License No. 12069	
Pay Item No.	Item Description	Unit	Estimated Quantity	Estimated Unit Price	Estimated Cost	Bid Price	Bid Cost	Bid Price	Bid Cost	Bid Price	Bid Cost
Base Bid											
M-01	Mobilization & General Project Requirements	LS	1	\$ 715,826.51	\$ 715,826.51	\$ 850,000.00	\$ 850,000.00	\$ 404,000.00	\$ 404,000.00	\$ 545,000.00	\$ 545,000.00
M-02	Dewatering	LS	1	\$ 108,813.00	\$ 108,813.00	\$ 200,000.00	\$ 200,000.00	\$ 260,000.00	\$ 260,000.00	\$ 100,000.00	\$ 100,000.00
M-03	Removal of Sediment, Debris & Vegetation	LS	1	\$ 110,000.00	\$ 110,000.00	\$ 585,000.00	\$ 585,000.00	\$ 775,000.00	\$ 775,000.00	\$ 500,000.00	\$ 500,000.00
M-03a	Degradation of Existing Monticello Levee	CY	2133	\$ 35.00	\$ 74,655.00	\$ 20.00	\$ 42,660.00	\$ 30.00	\$ 63,990.00	\$ 18.00	\$ 38,394.00
M-04	Demolition & Protection of Existing Structures (Truck Measure)	LS	1	\$ 704,300.00	\$ 704,300.00	\$ 1,050,000.00	\$ 1,050,000.00	\$ 880,000.00	\$ 880,000.00	\$ 1,200,000.00	\$ 1,200,000.00
M-05	Sealing Gates & Valves	LS	1	\$ 185,643.00	\$ 185,643.00	\$ 150,000.00	\$ 150,000.00	\$ 32,500.00	\$ 32,500.00	\$ 100,000.00	\$ 100,000.00
Mobilization & Demolition Subtotal:					\$ 1,899,237.51	\$ 51.92%	\$ 2,877,660.00		\$ 2,415,490.00	\$ 30.76%	\$ 2,483,394.00
F-06	River Sand & General Regrading	CY	57126	\$ 14.00	\$ 799,764.00	\$ 13.00	\$ 742,638.00	\$ 25.70	\$ 1,468,138.20	\$ 40.00	\$ 2,285,040.00
F-07	Lightweight Aggregate	CY	22700	\$ 60.32	\$ 1,369,258.00	\$ 85.00	\$ 1,929,500.00	\$ 112.00	\$ 2,542,400.00	\$ 130.00	\$ 2,951,000.00
F-08	Aggregate Surface Course	CY	11070	\$ 26.91	\$ 297,838.35	\$ 77.00	\$ 852,390.00	\$ 56.40	\$ 634,348.00	\$ 50.00	\$ 553,500.00
Fill Subtotal:					\$ 2,466,860.35	\$ 42.88%	\$ 3,524,528.00		\$ 4,634,886.20	\$ 134.69%	\$ 5,789,540.00
D-09	Stormwater Detention System	LS	1	\$ 350,000.00	\$ 350,000.00	\$ 425,000.00	\$ 425,000.00	\$ 462,000.00	\$ 462,000.00	\$ 500,000.00	\$ 500,000.00
D-10	15" Storm Drain Pipe	LF	832	\$ 190.00	\$ 158,080.00	\$ 55.00	\$ 45,760.00	\$ 83.00	\$ 69,056.00	\$ 40.00	\$ 33,280.00
D-11	Precast Concrete Manhole	EA	9	\$ 4,800.00	\$ 43,200.00	\$ 2,750.00	\$ 24,750.00	\$ 5,400.00	\$ 48,600.00	\$ 2,400.00	\$ 21,600.00
D-12	Clean & Tap Existing 20" Gravity Drain	LS	1	\$ 17,045.00	\$ 17,045.00	\$ 45,000.00	\$ 45,000.00	\$ 27,000.00	\$ 27,000.00	\$ 25,000.00	\$ 25,000.00
Stormwater Management Subtotal:					\$ 568,325.00	\$ -4.89%	\$ 540,510.00		\$ 606,656.00	\$ 6.74%	\$ 579,880.00
S-13	Asphalt Drive	SY	1770	\$ 200.00	\$ 354,000.00	\$ 112.00	\$ 198,240.00	\$ 152.00	\$ 269,040.00	\$ 100.00	\$ 177,000.00
S-14	Sidewalk & Sodding	LS	1	\$ 95,364.67	\$ 95,364.67	\$ 60,000.00	\$ 60,000.00	\$ 100,000.00	\$ 100,000.00	\$ 125,000.00	\$ 125,000.00
S-15	8" Chain Link Fence & Gate w/ Barbed Wire	LF	840	\$ 50.00	\$ 42,000.00	\$ 32.00	\$ 26,880.00	\$ 36.00	\$ 30,240.00	\$ 45.00	\$ 37,800.00
S-15a	8" Wooden Fence & Gate	LF	400	\$ 50.00	\$ 20,000.00	\$ 30.00	\$ 12,000.00	\$ 53.00	\$ 21,200.00	\$ 47.00	\$ 18,800.00
S-16	Site Lighting	EA	19	\$ 3,000.00	\$ 57,000.00	\$ 14,000.00	\$ 266,000.00	\$ 12,775.00	\$ 242,725.00	\$ 13,000.00	\$ 247,000.00
S-17	Miscellaneous Modifications in C-7 & C-8	LS	1	\$ 73,361.00	\$ 73,361.00	\$ 77,500.00	\$ 77,500.00	\$ 82,000.00	\$ 82,000.00	\$ 75,000.00	\$ 75,000.00
S-18	Construction Layout & Staking	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 35,000.00	\$ 35,000.00	\$ 71,000.00	\$ 71,000.00	\$ 25,000.00	\$ 25,000.00
Site Improvements Subtotal:					\$ 671,725.67	\$ 0.58%	\$ 675,620.00		\$ 816,205.00	\$ 5.04%	\$ 705,600.00
P-19	6" Header & Discharge Piping, Fittings, Supports, and Connections	LF	1300	\$ 339.00	\$ 440,700.00	\$ 255.00	\$ 331,500.00	\$ 305.00	\$ 396,500.00	\$ 180.00	\$ 234,000.00
P-20	6" Check Valves	EA	14	\$ 1,750.00	\$ 24,500.00	\$ 2,775.00	\$ 38,850.00	\$ 1,700.00	\$ 23,800.00	\$ 1,700.00	\$ 23,800.00
P-21	6" Gate Valves	EA	24	\$ 1,750.00	\$ 42,000.00	\$ 1,750.00	\$ 42,000.00	\$ 1,660.00	\$ 39,840.00	\$ 4,500.00	\$ 108,000.00
P-22	Wet Well & Truck Ramp	LS	1	\$ 37,593.00	\$ 37,593.00	\$ 80,000.00	\$ 80,000.00	\$ 54,000.00	\$ 54,000.00	\$ 50,000.00	\$ 50,000.00
P-23	Pump Station Equipment	LS	1	\$ 138,165.75	\$ 138,165.75	\$ 275,000.00	\$ 275,000.00	\$ 340,000.00	\$ 340,000.00	\$ 890,000.00	\$ 890,000.00
P-24	Electrical Service	LS	1	\$ 320,000.00	\$ 320,000.00	\$ 275,000.00	\$ 275,000.00	\$ 176,500.00	\$ 176,500.00	\$ 170,000.00	\$ 170,000.00
Dredge Spoil Disposal System Subtotal:					\$ 1,002,958.75	\$ 3.93%	\$ 1,042,350.00		\$ 1,030,640.00	\$ 47.14%	\$ 1,475,800.00
A-29	Architectural Repairs	LS	1	\$ 46,000.00	\$ 46,000.00	\$ 120,000.00	\$ 120,000.00	\$ 53,000.00	\$ 53,000.00	\$ 35,000.00	\$ 35,000.00
Architectural Repairs Subtotal:					\$ 46,000.00	\$ 160.87%	\$ 120,000.00		\$ 53,000.00	\$ -23.91%	\$ 35,000.00
BASE BID CONSTRUCTION COST					\$ 6,655,107.28	\$ 31.94%	\$ 8,780,668.00		\$ 9,556,877.20	\$ 66.33%	\$ 11,069,214.00
Alternate 1 Bid											
MA-01	Project Acceleration	LS	1	\$ 500,000.00	\$ 500,000.00	\$ 225,000.00	\$ 225,000.00	\$ 135,000.00	\$ 135,000.00	\$ 695,000.00	\$ 695,000.00
ALTERNATE 1 CONSTRUCTION COST					\$ 500,000.00	\$ -55.00%	\$ 225,000.00		\$ 135,000.00	\$ 39.00%	\$ 695,000.00
BASE BID PLUS ALTERNATE 1 CONSTRUCTION COST					\$ 7,155,107.28	\$ 25.86%	\$ 9,005,668.00		\$ 9,691,877.20	\$ 64.42%	\$ 11,764,214.00

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

CHANGE ORDERS

**RATIFICATION OF CHANGE ORDER NO. 3 TO THE AGREEMENT
BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND
CYCLE CONSTRUCTION COMPANY, LLC FOR CONTRACT 30109 SEWER
PUMPING STATION A STRUCTURAL REHABILITATION**

WHEREAS, on April 6, 2018 the Sewerage and Water Board entered into Contract 30109 with Cycle Construction Company, LLC in the amount of \$1,669,984.00 for Sewer Pumping Station A Structural Rehabilitation; and

WHEREAS, Contract Change Order No. 1 (R-019-2019) increased the contract value by \$169,598.81 and,

WHEREAS, Contract Change Order No. 2 (R-021-2020) increased the contract value by \$155,847.87 and,

WHEREAS, Cycle Construction Company, LLC submitted a proposal of \$399,905.54 for Change Order No. 3 which includes relocating underground utilities, filling underground voids, installing a larger redesigned grade beam and associated time; and

WHEREAS, this Change Order, in the amount of \$399,905.54, brings the accumulated Contract change order total to 44.25% percent of the original Contract value and adds 485 days to the contract time; and

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 3 for Contract 30109 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 Meeting of said Board,
duly called and held, according to law, on
September 16, 2020.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET



ACTION REQUESTED

CONTRACT CHANGE ORDER

Contract 30109 Sewer Pumping Station A Structural Rehabilitation

Approval to modify contract #30109, between the Sewerage and Water Board and Cycle Construction Company, LLC, in the amount of \$399,905.54

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	DBE PARTICIPATION:	
		Target	Actual
Cycle Construction Company, LLC	K-Belle Consulting	32.09%	0%
	Traffic Solutions	.26%	.26%
	Urban Systems	.21%	.21%
	RLH Investments	2.78%	0%
	Nola Steele	1.47%	0%
	A&A Enterprises	.26%	0%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$1,669,984.00
Previous Changes Orders:	\$339,079.44
% Change of Contract To Date:	20.3%
Value of Requested Change:	\$399,905.54
% for this Change Order:	23.94%
<i>Has a NTP been issued</i>	Yes
Total Revised Contract Value:	\$2,408,968.98
% Total Change of Contract:	44.25%
Original Contract Completion Date:	3/3/2019, then 10/2/2019 after CO 1 and 2.
Time Extension requested:	485 Calendar days

Proposed Contract Completion Date: 1/29/2021

Purpose and Scope of the Contract:

The "Old Boiler Room" of the Sewer Pump Station A (SPS-A) Facility has experienced noticeable cracking of the walls and floor related to settlement of the northeast corner of the building. The purpose of this contract is to strengthen the existing foundation and walls of the structure to replace lost capacity and meet current design standards.

The original scope of work (SOW) includes installation of new micropiles; reinforcement and encasement of the existing grade beam; installation of reinforced concrete backup wall, beams and pilasters; concrete crack repair of existing masonry walls; and site restoration.

Reason for Change

Design error/Omission <input type="checkbox"/>	Differing Site condition <input checked="" type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>	Design Change <input type="checkbox"/>	Other <input type="checkbox"/>
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FCO 9 – Cycle encountered yard piping in conflict with construction of pile and grade beam improvements not included in the original scope of work. The piping is associated with hydraulically operated valves and is not shown on as-built drawings. Piping must be relocated and placed into service sequentially to maintain operations. Amount for this FCO is \$76,197.14

FCO 10 – Cycle discovered that the west side existing grade beam is 6' deep and the overall size of the rest of the beam is also roughly a foot larger. This caused a redesign of the planned grade beam to include additional materials, pile cap, and tension piles. Massive voids were also found underneath the interior slab. This has caused cracking to occur. Voids will need to be filled for safe operation of heavy equipment used for this contract. Interior slab will be cut and replaced as well. Amount for this FCO is \$182,932.71

FCO 11- This FCO is for a 485 day time extension that includes general conditions and overhead. This project has been impacted by an multiple unforeseen conditions and change orders. Additional details and photos are provided in attached document. Amount for this FCO is \$140,775.69.

Spending to date:

Cumulative Contract Value (as of 1/1/2020):	\$1,839,528.81
Cumulative Contract Spending (as of 1/1/2020):	\$300,866.67

Contractor's Past Performance:

Although there have been unforeseen site conditions that have proven to be difficult obstacles the contractor's timeliness of deliverables, conformance to SWBNO

policies and procedures, quality meet expectations. To date the contractor has not achieved a DBE participation rate of 36%, because DBE subcontractors have not reached their scope at this time.

PROCUREMENT INFORMATION

Contract Type:	Base Bid	Award Based On:	Lowest Competitive bid
Commodity:	Public Works Construction	Contract Number:	30109
Contractor Market:	Public Bid with DBE participation		
Compliance with procurement laws	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

BUDGET INFORMATION

Funding:	Capital 326	Department:	Civil Engineering
System:	Sewer	Department Head:	Frank Fromherz
Job Number:	30109	Purchase Order #:	PG20186000202

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount
Sewer System	100%	\$399,905.54
Water System		
Drainage System		
Grant		
Other		
TOTAL ESTIMATED RENEWAL DOLLAR AMOUNT		\$399,905.54

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

CONTRACT AMENDMENTS

AMENDMENT #2 TO AGREEMENT WITH DESIGN ENGINEERING, INC. FOR DESIGN AND ENGINEERING SERVICES FOR THE 404 SEWER HAZARD MITIGATION GRANT PROGRAM

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-017-2009, Design Engineering, Inc. (Consultant) was awarded to provide design engineering services the amount of \$1,290,419.73 in support of the Hurricane Katrina Sewage Recovery Program; and

WHEREAS, through adoption of R-107-2017, the Contract amount was increased by \$841,134.62 to provide additional geotechnical work during construction, resize the pumps at Sewage Pumping Station 8, provide design support for the installation of a jet grout installation at SPS 8, and provide additional engineering services during construction of Sewage Pumping Stations Dodt and Plum Orchard. This increase also included design changes recommended by Sewerage and Water Board Engineering in consultation with the Governor's Office of Homeland Security and Emergency Management, City Planning Commission Design Advisory Committee, and the Lafitte Greenway Steering Advisory Committee; and

WHEREAS, Sewerage and Water Board Engineering requested that the addition of a permanent gas generator and a restroom facility to SPS 8 be designed. Staff also requested that the Consultant modify the design to sewage lines to resolve differing site conditions once exposed. During construction, additional design services were required to accommodate the adjustments to record drawings and from Construction Change Orders per the Contract;

NOW THEREFORE, BE IT RESOLVED, that the President and/or President Pro Tem shall be authorized to execute the amendment to this agreement with Design Engineering, Inc. for the 404 Hazard Grant Mitigation Program increasing the fee authorized to be paid to Design Engineering, Inc. by \$179,944.47 to a revised Contract Value of \$2,311,498.82.

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 September 16, 2020.

GHASSAN KORBAN
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET



ACTION REQUESTED

AMENDMENT 2

**Agreement with Design Engineering, Inc. for Design and engineering Services for the 404
Sewer Hazard Mitigation Grant Program**

Approval to modify contract between the Sewerage and Water Board and Design Engineering, Inc., in the amount of \$179,944.47

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	DBE PARTICIPATION:	
		Target	Actual
DEI	Houghton Engineering Gotech, Inc.	36%	10.75%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$1,290,419.73
Previous Changes Orders:	\$841,134.62
Value of Requested Change:	\$179,944.47
Total Revised Contract Value:	\$2,311,498.82
% Change of Contract To Date:	82%
Original Contract Completion Date:	<i>N/A ("Agreement shall have a term that will run until the Program is completed")</i>

Purpose and Scope of the Contract:

DEI was awarded in 2009 the design of eight sewage pumping stations to be restored and elevated with the Hazard Mitigation Grant Program.

Reason for Change

Design error/Omission <input type="checkbox"/>	Differing Site condition <input checked="" type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>	Design Change <input checked="" type="checkbox"/>	Other _____ <input type="checkbox"/>
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Staff requested the addition of a permanent gas generator at the station and a restroom facility. Field modifications to sewage lines were required after the start of construction and those design changes are encompassed in this change as well. These costs were \$143,077.47.

A request for additional fees was submitted by DEI for costs associated with Contract 3664. This request included adjustments to record drawings, adjustments due to Construction Change Orders, and additional designs due to the Contractor's work. After discussions with DEI and Legal, a resolution of the claim was agreed to in the amount of \$36,867.00.

Spending to date:

Cumulative Contract Value (as of 8/1/2020):	\$2,274,631.82
Cumulative Contract Spending (as of 8/1/2020):	\$2,213,503.45

Contractor's Past Performance:

The engineer's timeliness of deliverables, conformance to SWBNO policies and procedures, quality meet expectations.

PROCUREMENT INFORMATION

Contract Type:	Request for Qualifications	Award Based On:	Qualifications
Commodity:	Professional Services	Contract Number:	R-017-2009 R-101-2009
Contractor Market:	Design Services		

Compliance with procurement laws	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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BUDGET INFORMATION

Funding:	Capital	Department:	Mechanical Engineering
System:	Sewer	Department Head:	Gerald Pitalo
Job Number:	C1244FEM	Purchase Order #:	N/A

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount
Sewer System	100%	\$179,944.47
Water System		
Drainage System		
Grant		
Other		
TOTAL ESTIMATED RENEWAL DOLLAR AMOUNT		\$179,944.47

AUTHORIZATION OF CONTRACT AMENDMENT NO. 6 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND MEYER ENGINEERS, LTD., FOR DESIGN AND ENGINEERING SERVICES FOR THE WATERLINE REPLACEMENT PROGRAM

WHEREAS, by Resolution R-214–2011, adopted at its December 2011 meeting, the SEWERAGE AND WATER BOARD OF NEW ORLEANS (“Board”) approved a list of engineering and consulting firms, including MEYER ENGINEERS, LTD. (“Consultant”), for the replacement and rehabilitation of its Water Line Replacement Program (WLRP); and

WHEREAS, by Resolution R-001-2012 approved January 18, 2012, the Board authorized execution of a contract with Consultant to provide WLRP engineering and design services the Broadmoor, Freret and Milan neighborhoods; and

WHEREAS, by Resolution R-033-2012 approved March 21, 2012, the Board authorized adding the Holy Cross and Lower Ninth neighborhoods to the contract with Consultant; and

WHEREAS, pursuant to Resolutions R-001-2012 and R-003-2012 the Board and Consultant entered into a Professional Services Agreement dated May 7, 2012(the “Original Agreement” with compensation based on a percentage of construction costs; and

WHEREAS, by Resolution R-143-2012, approved August 15, 2012, the Board authorized amendment of the Original Agreement to provide for compensation for surveying services to be billed in accordance with the prevailing FEMA recommended policy (not to exceed \$7.00 per linear foot in 2012, which includes Consultant’s mark-up on the direct cost of surveying); and

WHEREAS, pursuant to Resolution R-143-2012, the Board and Consultant executed an Amendment to the Original Agreement, dated September 24, 2012 (“Amendment No. 1”); and

WHEREAS, by Resolution R-162-2014 adopted August 20, 2014, the Board authorized amendment of the Agreement to include program/project management services, and to provide that the fees for the new and original scope of work, including drain lines shall reflect the FEMA Project Worksheets (PWs); and

WHEREAS, pursuant to Resolution R-162-2014 the Board and Consultant executed Amendment No. 2 on September 17, 2014; and

WHEREAS, by R-178-2019 adopted at its meeting on November 20, 2019, the Board authorized execution of Amendment No. 3 to the Agreement for additional services for RR050 Freret Group A, RR103 LNW NE Group A RR108, LNW NW Group A, RR129 Milan Group A, RR104 LNW NE Group B, RR109 LNW NW Group B, RR112 LNW South Group A, RR010-Broadmoor Group A and TM003A Broadmoor/ Freret neighborhoods, additional fees of \$805,853.36, establishing a total fee of \$2,570,520.14, and to establish a contract expiration date of May 30, 2022; and

WHEREAS, pursuant to Resolution R-178-2019, Amendment No. 3 was executed on February 26, 2020; and

WHEREAS, by R-030-2020 adopted at its meeting on April 22, 2020, the Board authorized execution of Amendment No. 4 to the Agreement for engineering services for RR104 Lower Ninth Ward Northeast Group B, RR112 Lower Ninth Ward South Group A, RR129 Milan Group A, RR050 Freret Group A, RR010 Broadmoor Group A, and RR011 Broadmoor Group C in the amount of \$422,255.00; in the amount of \$422,255.00, establishing a total not to exceed fee of \$2,992,775.14; and

WHEREAS, by R-069-2020 adopted at its meeting on July 22, 2020, the Board authorized execution of Amendment No. 5 to the Agreement for engineering services RR012 Broadmoor Group D, R013 Broadmoor Group E, RR111 LNW Northwest Group D, RR110 LNW Northwest Group C, RR115 LNW South Group E and the Consultant has agreed to provide same for fees in the amount of \$250,901.00, establishing a total not to exceed fee of \$3,243,676.14; and

WHEREAS, the Board now has need of additional engineering design and construction services for RR105 Lower Ninth Ward Northeast Group C, RR106 Lower Ninth Ward Northeast Group D, and RR107 Lower Ninth Ward Northeast Group E and the Consultant has agreed to provide same for fees in the amount of \$191,666.00 and the existing agreement has funds in the amount of \$191,666.00 in the WLRP neighborhoods which are available to transfer to these projects;

NOW THEREFORE, BE IT RESOLVED, that the President or President Pro Tem of the Sewerage and Water Board is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Contract Amendment No. 6 with Meyer Engineers, Ltd., to include design and construction services for RR105 Lower Ninth Ward Northeast Group C, RR106 Lower Ninth Ward Northeast Group D, and RR107 Lower Ninth Ward Northeast Group E and the Consultant has agreed to provide same for fees in the amount of \$191,666.00 and existing WLRP funds will be reallocated and the total maximum compensation will remain \$3,243,676.14.

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
September 16, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET



ACTION REQUESTED

Engineering Services Amendment to Professional Services Agreement

Meyer Engineers, Ltd.

Request Board authorization for Amendment No.6 to our WLRP Agreement for Projects RR105, RR106 & RR107 in an amount not to exceed \$191,666.00 and a total change in agreement value of \$0.00.

CONSULTANT/SUBCONSULTANT INFORMATION

PRIME:	SUBS:	DBE PARTICIPATION:	
		Target	Actual
Meyer Engineers, LTD	Royal Engineers, LLC	35%	9%

DESCRIPTION AND PURPOSE

Agreement R-001-2012 & R-003-2012 Fee not to exceed 18% of construction cost

Amendments:

1. R-143-2012 FEMA Survey Rate \$7.00/Lineal foot
2. R-162-2014 PPM Services Fee not to exceed 10% of construction cos
- Fees & Obligations through No.2 **\$1,764,666.78**
3. R-178-2019 Settlement & Fees **805,853.36**
- Fees & Obligations through No.3 **\$2,570,520.14**
4. R-030-2020 Fees **422,255.00**
- Fees & Obligations through No.4 **\$2,992,775.14**
5. R-069-2020 Fees **250,901.00**
- Fees & Obligations through No.5 **\$3,243,676.14**
6. RR105, RR106 & RR107 **191,666.00**
- WRLP Fee Reallocation **- 191,666.00**

Total Revised Value of Contract NTE:	\$3,243,676.14
Original Contract Dates:	09/24/2012 to end of construction.
Time Extensions Authorized:	5/30/2022 (Amendment No.3)
Time Extensions Authorized:	6/30/2023 (Amendment No.5)

Purpose and Scope of Contract:

The original Water Line Replacement Program (WLRP) consultant agreement dated 05/07/2012 provided engineering services for FEMA work in the following work: per R-001-2012 Broadmoor, Freret, Milan neighborhoods and per R-003-2012 Holy Cross, Lower Ninth Ward neighborhoods.

Per R-143-2012, Amendments No. 1 added the Survey Rate of \$7.00/Lineal foot

Per R-162-2014, Amendments No. 2 added program/project management (PPM) services. The fee for program/project management services is not to exceed 10% of construction cost.

Per R-178-2019 Amendments No. 3 added the Settlement, services for RR050 Freret Group A, RR103 LNW NE Group A RR108, LNW NW Group A, RR129 Milan Group A, RR104 LNW NE Group B, RR109 LNW NW Group B, RR112 LNW South Group A, RR010-Broadmoor Group A and TM003A Broadmoor/ Freret neighborhoods, negotiated fees NTE \$805,853.36, set a not to exceed value of \$2,570,520.14 and set the contract completion date at 5/30/2022

Per R-030-2020 Amendments No. 4 added fees and rates for RR010, RR011, RR050, RR104, RR112 and RR129 set a not to exceed value of \$2,992,775.14

Per R-069-2020 Amendments No. 5 negotiated engineering design and construction services for RR012 Broadmoor Group D, R013 Broadmoor Group E, RR111 LNW Northwest Group D, RR110 LNW Northwest Group C, RR115 LNW South Group E and the Consultant agreed to provide same for fees in the amount of \$250,901.00 set a not to exceed value of \$ 3,243,676.14 and set the contract completion date at 6/30/2023.

Reason for Amendment:

Negotiate Fee(s) <input checked="" type="checkbox"/>	Differing Site condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>	Design Modification <input type="checkbox"/>	Other <input type="checkbox"/> FEMA, GOHSEO & CNO
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Amendment No. 6 negotiated engineering design and construction services fees not to exceed the following:

RR105 LNW Northeast Group C Not to Exceed - \$71,453.00

RR106 LNW Northeast Group D Not to Exceed - \$56,961.00

RR107 LNW Northeast Group E Not to Exceed - \$63,252.00

Potential Amendments Through the End of the Contract:

Staff will negotiate fees related for bid documents, design, bidding, construction administration, record drawings, and/or resident inspection for the following RR projects:

TM003 Claiborne Avenue Transmission Main Project

Wave 4:

RR113 LNW South Group C

RR114 LNW South Group D,

Spending To Date: 09/24/2012 to 6/01/2020: \$ 1,260,349.91

Contractor's Past Performance:

The engineer's timeliness of deliverables, conformance to SWBNO policies and procedures, quality meet expectations. To date the consultant has not achieved a DBE participation rate of 35% because remaining DBE participation will be met by Resident Inspection Services during Construction.

PROCUREMENT INFORMATION

Contract Type:	Professional Services	Award Based On:	Best Qualified
Commodity:	Engineering Services	Agreement Name & FEMA PW Numbers:	WLRP & 20531, 19846, 20230, 20640 20666, 20647 & 21031
Contractor Market:	Public RFQ with DBE participation		
Compliance with procurement laws	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

BUDGET INFORMATION

Funding:	CP 175-13	Department:	JIRR PDU
System:	Water	Department Head:	Mark D Van Hala, PE
Job Number:	A1348FEM & A1370FEM	Purchase Order #:	PG20206000054

FUND SOURCE

User	Share%	Dollar Amount
Sewer		
Water	100%	\$ 0.00
Drainage		
Grant		
Other – FEMA (PW21031)	100%	\$ 0.00
TOTAL ESTIMATED DOLLAR AMOUNT OF AMENDMENT		\$ 0.00

AUTHORIZATION OF CONTRACT AMENDMENT NO. 5 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND LINFIELD, HUNTER & JUNIUS, INC., FOR DESIGN AND ENGINEERING SERVICES FOR THE WATERLINE REPLACEMENT PROGRAM

WHEREAS, pursuant to Resolution R-042-2012 approved March 15, 2012, **THE SEWERAGE AND WATER BOARD OF NEW ORLEANS** (Board) and **LINFIELD, HUNTER & JUNIUS, INC.**, (Consultant) executed an agreement dated September 10, 2012, for Consultant to provide engineering and design services for the Water Line Replacement Program (WLRP) for the Leonidas, Marlyville-Fountainbleau, East Carrollton and Black Pearl neighborhoods (the “Original Agreement”); and

WHEREAS, the fee under the Original Agreement was not to exceed 18% of the construction cost and the Consultant provided a DBE participation summary; and

WHEREAS, pursuant to Resolution R-161-2014 on August 20, 2014, the Board and Contractor executed Amendment No. 1 to the Original Agreement (as amended, the “Agreement”), adding program/project management services, design and inspection services for repair or replacement of drain lines damaged by Katrina as approved and funded by FEMA PWs for the City Department of Public Works, and payment of fees therefor; and

WHEREAS, the fee under Amendment No. 1 was not to exceed 10% of the construction cost; and

WHEREAS, pursuant to Resolution R-007-2020 on January 22, 2020, the Board and Contractor executed Amendment No. 2, amending the Agreement to delete any future program/project management services and all unaccrued program/project management services fees, to include engineering construction services in the RR009 Black Pearl, East Carrollton Group A and RR118 Marlyville-Fontainebleau Group C at a fee not to exceed \$26,274.82 (for a total fee not to exceed \$813,913.28) and to establish a contract expiration date of June 30, 2023; and

WHEREAS, the Board was in need of additional engineering construction services in projects RR008 Black Pearl Group B and RR009 Black Pearl, East Carrollton Group A, and RR118 Marleyville Fontainebleau Group C at a fee not to exceed \$119,651.11 (for a total fee not to exceed \$933,564.39) and executed Amendment No. 3 on July 20, 2020; and

WHEREAS, the Board was in need of surveying, geotechnical, design and engineering construction service fees for RRTM006 Leonidas/Fig Transmission Main Project and the Consultant is willing to perform the additional described services for \$832,977.91, for a total contract fee not to exceed \$1,766,542.30; and

WHEREAS, the Board is need of bidding, construction administration, record drawings and resident inspection for RR097 Leonidas Group A; and

WHEREAS, the Consultant is willing to perform the described services for \$83,608.00, for a total contract fee not to exceed \$1,850,150.30

NOW, THEREFORE BE IT RESOLVED, that the President or President Pro Tem of the Sewerage and Water Board is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Contract Amendment No. 5 to the existing agreement with Linfield, Hunter and Junius, Inc. to include design and engineering construction services for the RR097 Leonidas Group A Project at a fee not to exceed \$83,608.00, for a total contract fee not to exceed \$1,850,150.30.

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 said Board,
duly called and held, according to law, on
September 16, 2020.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET



ACTION REQUESTED

Engineering Services Amendment to Professional Services Agreement

Linfield, Hunter & Junius, Inc.

Request Board authorization for Amendment No.5 to our WLRP Agreement for Project RR097 Leonidas Group A in an amount not to exceed \$83,608.00.

CONSULTANT/SUBCONSULTANT INFORMATION

PRIME:	SUBS:	DBE PARTICIPATION:	
		Target	Actual
Linfield, Hunter & Junius, Inc.	Infinity Engineering Consultants, LLC	35%	33.25%

DESCRIPTION AND PURPOSE

Original Contract: Fee not to exceed 18% of construction cost

Amendments:

- | | |
|--|--|
| 1. Program/Project management services | Fee not to exceed 10% of construction cost (See Below) |
| Fees & Obligations prior to No.2 | \$ 803,501.89 |
| 2. RR009, RR118 | 10,411.39 (See Below) |
| Fees & Obligations through No.2 | \$ 813,913.28 |
| 3. RR008, RR009, RR118 | 119,651.11 (See Below) |
| Fees & Obligations through No.3 | \$ 933,564.39 |
| 4. RRTM006 | 832,977.91 (See Below) |
| Fees & Obligations through No.4 | \$1,766,542.30 |
| 5. RR097 | 83,608.00 (See Below) |

Total Revised Value of Contract: **\$1,850,150.30**

Original Contract Dates: 12/12/2012 through construction completion.

Time Extensions Authorized: 6/30/2023 (Set in Amendment No.2)

Purpose and Scope of the Contract:

The Water Line Replacement Program (WLRP) agreement, R-042-2012 provides engineering services in association with the Joint Infrastructure Recovery Request (JIRR) program in coordination with the City of New Orleans(CNO) Recovery Roads(RR) Program for the following neighborhoods – East Carrollton (PW 20759), Black Pearl (PW 20693), and Marlyville-Fountainbleau (PW 20484).

Amendment No.1, per R-161-2014, added program/project management services; the fee was not to exceed 10% the cost of construction.

Amendment No.2, per R-007-2020, incorporated the Settlement, and other FEMA clauses, rescinded program/project management services, and set fees for RR engineering construction services for RR009 Black Pearl, East Carrollton Group A and RR118 Marlyville-Fountainbleau Group C in the amount of \$26,274.82.

Amendment No.3 established design and engineering construction service fees: bid documents, design, bidding, construction administration, record drawings for RR008 – Black Pearl Group B NTE \$11,086.00, RR009 – Black Pearl, East Carrollton Group C NTE \$29,974.00, and RR118 – Marlyville-Fountainbleau Group C NTE \$78,850.11.

Amendment No.4, per R-061-2020, established design and engineering construction service fees: design, bidding, construction administration, record drawings and resident inspection for TM006 Leonidas/Fig Transmission Main Project NTE \$832,977.91.

Reason for Amendment:

Negotiate Fee(s) and rates <input checked="" type="checkbox"/>	Differing Site condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>	Design Change <input type="checkbox"/>	Other: GOHSEP FEMA & CNO <input type="checkbox"/>
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Amendment No. 5 establishes design and construction services, including bidding, construction administration, record drawings and resident inspection for the following project:

RR097 Leonidas Group A – NTE \$83,608.00

Potential Amendments Through the End of the Contract:

1. RR098 – Leonidas Group C
2. RR099 – Leonidas Group D
3. RR123 – Marlyville-Fountainbleau Group H
4. TM009 Spruce Transmission Main

Engineering Services Amendment(s) will be presented to the CMRC after fair and reasonable fees are reached on each of these projects or combination thereof.

Spending Previous Years:

Cumulative Contract Spending: 12/12/2012 to 8/22/2020: \$ 481,680.39

Contractor's Past Performance:

The designer's timeliness of deliverables, conformance to SWBNO policies and procedures, quality meet expectations. To date the consultant has achieved a 33.25% DBE participation rate. The goal is 35%. Remaining DBE participation will be met by Resident Inspection Services during Construction.

PROCUREMENT INFORMATION

Contract Type:	Professional Services	Award Based On:	Best Qualified
Commodity:	Engineering Services	Contract Number:	WLRP & PW 21031
Contractor Market:	Public RFQ with DBE participation		
Compliance with procurement laws	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

BUDGET INFORMATION

Funding:	CP 175-13	Department:	JIRR
System:	Water	Department Head:	Mark D Van Hala PE
Job Number:	A1369FEM	Purchase Order #:	PG20196000146

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount
Sewer		
Water	100%	\$83,608.00
Drainage		
Grant		
Other – FEMA (PW 21031)	100%	\$83,608.00
TOTAL ESTIMATED DOLLAR AMOUNT OF AMENDMENT	100%	\$83,608.00

**CONTRACT AMENDMENT NO. 10 TO THE AGREEMENT BETWEEN THE
SEWERAGE AND WATER BOARD OF NEW ORLEANS AND STANLEY
CONSULTANTS INC. FOR DESIGN AND ENGINEERING SERVICES FOR WATER
HAMMER HAZARD MITIGATION PROGRAM**

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-174-2011, Stanley Consultants, Inc. was awarded the agreement for design and engineering services for the Water Hammer Hazard Mitigation Project at the Carrollton Water Treatment Plant for \$2,499,362.06 ; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-75-2014, the existing agreement with Consultant was increased by \$1,025,821.60; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-264-2014, the existing agreement with Consultant was increased by \$37,940.50; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-056-2015, the existing agreement with Consultant was increased by \$465,034.89; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-094-2016, the existing agreement with Consultant was increased by \$591,283.20; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-149-2016, the existing agreement with Consultant was increased by \$1,584,842.00; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-59-2018, the existing agreement with Consultant was increased by \$578,967.65; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-144-2018, the existing agreement with Consultant was increased by \$509,049.42; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-038-2019, the existing agreement with Consultant was increased by \$3,108,938.48 to a revised total of \$10,401,239.80; and

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-008-2020, the existing agreement with Consultant was extended to May 22, 2022; and

WHEREAS, additional inspection services were required to finish the construction of Contract 1395 – Construction of the Elevated Storage Tanks between July and December 2019 in the amount of \$70,238.34; and

NOW THEREFORE, BE IT RESOLVED, that the Sewerage and Water Board of New Orleans hereby authorizes the President or President Pro Tem to execute the amendment to the Agreement with Stanley Consultants, Inc. for the Water Hammer Hazard Mitigation Project increasing the contract by \$70,238.34 for a new Contract Total of \$10,401,239.80.

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 said Board,
duly called and held, according to law, on
September 16, 2020.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT AMENDMENT NO. 10 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND STANLEY CONSULTANTS INC. FOR DESIGN AND ENGINEERING SERVICES FOR WATER HAMMER HAZARD MITIGATION PROGRAM

CONTRACTOR/SUB/VENDOR INFORMATION (FROM ORIGINAL BID)

PRIME:	DBE Vendors:	DBE PARTICIPATION GOAL: Goal
Stanley Consultants, Inc.	Trigon Associates, LLC GOTECH, Inc.	35% (32.81% Actual)

DESCRIPTION AND PURPOSE

Original Contract Value:	\$2,499,362.06
Previous Change Orders Value:	\$7,901,877.74
Current Change Order Value:	\$70,238.34
Original Contract Duration:	2 Years, Five 1-year extensions
Time Extensions Authorized	Through May 31, 2022
Total Revised Value of Contract:	\$10,471,478.14

Purpose and Scope of the Contract:

The original agreement was for the design and engineering services for the Water Hammer Hazard Mitigation Program at the Carrollton Water Treatment Plant. Their agreement was modified previously due to changes in scope for the program and to add construction services for Phases 1 and 2 of the program (Contracts 1395 and 1377).

Reason for Change Order:

Construction and inspection services during Contract 1395 extended through December 31, 2019. The Consultant's previously approved Scope of Work allowed for services through June 30, 2019. This Amendment authorizes the services performed by the resident inspector on the Contract between July 1, 2019 and December 31, 2019, totaling \$70,238.34

PROCUREMENT INFORMATION

Contract Type:	Design Services	Award Based On:	Qualification
Commodity:	A/E Services	Contract Number:	N/A
Contractor Market:	Request for Qualifications		

BUDGET INFORMATION

Funding:	FEMA (CP 175)	Department:	Mechanical Engineering
System:	Water	Department Head:	Gerald Pitalo
Job Number:	A1035FEM	Purchase Order:	PG2019 60000211

ANTICIPATED FUND SOURCE

User	Share%	Dollar Amount
Sewer Funds		
Water Funds		\$70.238.34*
Drainage Funds		
TOTAL DOLLAR AMOUNT		\$70.238.34*

**Reimbursement through FEMA PW 18836 Anticipated*

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

CONTRACT FINAL ACCEPTANCE

**CONTRACT 30102 – FINAL ACCEPTANCE AND CLOSE OUT OF DRAINAGE
PUMPING STATION NO. 17/STATION D STRUCTURAL REPAIRS**

WHEREAS, on August 10, 2018 the Sewerage and Water Board entered into Contract 30109 with The McDonnell Group, LLC in the amount of \$8,766,710.00 for DPS 17/Station D Structural Repairs; and,

WHEREAS, Contract 30102 had five total Change Orders that brought the accumulated Contract Change Order total to \$1,160,804.00 or 13.24 percent of the original Contract value and,

WHEREAS, Contract 30102 is ready for Final Acceptance by Sewerage and Water Board of New Orleans and,

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance and 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 30102, 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 Meeting of said Board,
duly called and held, according to law, on
September 16, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE & WATER BOARD OF NEW ORLEANS

- FINAL ACCEPTANCE STATEMENT -

DATE: August 7, 2020
FROM: Daniel Avalos, P.E., Civil Engineering
TO: Robert Turner, P. E., General Superintendent
RE: Contract No.: 30102
CC: Frank Fromherz
TITLE: **DPS 17/Station D Structural Repairs**

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

CONTRACTOR:	The McDonnell Group, LLC
LUMP SUM BID:	\$8,766,710.00
UNIT PRICE BID:	\$0.00
TOTAL CONTRACT BID:	\$8,766,710.00
UNIT PRICE EXTENSIONS TO CONTRACT:	0
NO. CHANGE ORDERS:	5
TOTAL CHANGE ORDER AMOUNT:	\$1,160,804.00
(Do not include unit price work in Change Orders)	
TOTAL CONTRACT EXPENDITURE:	\$9,927,514.00
CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:	13.24%
DATE WORK ORDER ISSUED:	10-Aug-18
DATE WORK ACCEPTED:	17-Jul-20
INCOMPLETE PUNCHLIST ITEMS CREDIT DUE TO S&WB:	\$0.00
CONTRACT LIQUIDATED DAMAGES DUE TO S&WB:	\$0.00
RETAINAGE:	\$496,375.70
TOTAL AMOUNT DUE TO S&WB:	\$0.00
TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:	\$600,781.00
TOTAL CONTRACT AMOUNT NOT ELIGIBLE FOR FEMA REIMBURSEMENT:	\$9,326,733.00
SOURCE OF FUNDS:	<input checked="" type="checkbox"/> Drainage System Funds
DBE PARTICIPATION GOAL	24%
DBE PARTICIPATION ACHIEVED	24%



Daniel Avalos, P.E.
Civil Engineering

Gerald A. Pitalo, P.E., PhD
Engineering Division Manager

Project Delivery Unit
August 2020 Closeout Snapshot

FEMA Public Assistance	# of Project Worksheets	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - St. Joseph Headquarters	20	\$ 3,337,110.14	\$ 3,032,390.41	\$ 304,719.73	91%	19	\$ 2,236,513.15	\$ 2,236,513.15	19	\$ 2,236,513.15	95%	95%	0	\$ -
Hurricane Katrina - Central Yard	42	\$ 27,734,255.70	\$ 26,158,109.94	\$ 1,576,145.76	94%	42	\$ 27,734,255.70	\$ 27,427,104.70	30	\$ 21,900,057.97	100%	71%	12	\$ 5,834,197.73
Hurricane Katrina - Wastewater Treatment Plan	128	\$ 90,849,614.02	\$ 82,873,802.34	\$ 7,975,811.68	91%	127	\$ 83,812,204.42	\$ 80,401,827.42	119	\$ 37,176,177.85	99%	93%	8	\$ 46,636,026.57
Hurricane Katrina - Carrollton Water Plant	55	\$ 76,019,829.37	\$ 66,324,093.04	\$ 9,695,736.33	87%	54	\$ 64,304,777.65	\$ 64,211,524.10	51	\$ 13,730,451.46	98%	93%	3	\$ 50,574,326.19
Hurricane Katrina - Distribution Network	27	\$ 196,982,528.55	\$ 162,723,466.54	\$ 34,259,062.01	83%	25	\$ 116,490,014.08	\$ 120,481,931.60	18	\$ 30,028,021.61	93%	67%	7	\$ 86,461,992.47
Hurricane Katrina - Pump Stations	166	\$ 81,286,159.38	\$ 72,165,651.77	\$ 9,120,507.61	89%	159	\$ 78,655,405.97	\$ 80,169,077.46	140	\$ 55,875,255.65	96%	84%	19	\$ 22,780,150.32
Hurricane Gustav	9	\$ 667,553.90	\$ 668,689.06	\$ (1,135.16)	100%	9	\$ 667,553.90	\$ 667,553.90	8	\$ 665,778.64	100%	89%	1	\$ 1,775.26
Hurricane Isaac	8	\$ 1,554,775.01	\$ 955,019.44	\$ 599,755.57	61%	7	\$ 1,554,775.01	\$ 67,467.45	2	\$ 7,391.29	88%	25%	5	\$ 1,547,383.72
Tropical Storm Nate	2	\$ 439,728.39	\$ 80,519.47	\$ 359,208.92	18%	2	\$ 439,728.39	\$ -	2	\$ 20,939.45	100%	100%	1	\$ 418,788.94
Hurricane Barry	2	\$ 887,938.21	\$ -	\$ 887,938.21	0%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Total	459	\$ 479,759,492.67	\$ 414,981,742.01	\$ 64,777,750.66	86%	444	\$ 375,895,228.27	\$ 375,662,999.78	389	\$ 161,640,587.07	97%	85%	56	\$ 214,254,641.20

FEMA Joint Infrastructure	# of Project Worksheets	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - JIRR settlement	2	\$ 268,448,968.15	\$ 5,353,880.43	\$ 263,095,087.72	2%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Katrina - JIRR donors	53	\$ 67,906,268.12	\$ 54,518,259.69	\$ 13,388,008.43	80%	38	\$ 47,113,059.96	\$ 50,299,365.17	4	\$ 207,381.12	72%	0%	34	\$ 46,905,678.84
Total	55	\$ 336,355,236.27	\$ 59,872,140.12	\$ 276,483,096.15	18%	38	\$ 47,113,059.96	\$ 50,299,365.17	4	\$ 207,381.12	69%	7%	34	\$ 46,905,678.84

FEMA Hazard Mitigation Grant Program	# of Contracts	FEMA Obligated	FEMA Revenue Received per LAHM	FEMA Obligation Balance	% Financially Complete	# of Contracts Completed	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - Retrofit of Power House	12	\$ 212,649,796.00	\$ 111,297,718.90	\$ 101,352,077.10	52%	5	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Katrina - Flood Mitigation of 9 SPS	9	\$ 19,987,722.00	\$ 19,299,825.10	\$ 687,896.90	97%	9	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Ike - Five Underpass Generators	1	\$ 988,658.00	\$ 839,129.23	\$ 149,528.77	85%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Total	22	\$ 233,626,176.00	\$ 131,436,673.23	\$ 102,189,502.77	56%	14	\$ -	\$ -	0	\$ -	64%	0%	0	\$ -

TOTALS as of 08.31.2020

FEMA Obligated	FEMA Revenue Received	FEMA Obligation Balance
\$ 1,049,740,904.94	\$ 606,290,555.36	\$ 443,450,349.58



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: September 1, 2020

To: Brionne Lindsey
Sewerage and Water Board New Orleans –Board Relations

Through: Ghassan Korban, SWBNO Executive Director

From: Patti J. Wallace, Purchasing Director
Purchasing Department

Re: **Executive Director's Approval of Contracts of \$1,000,000.00 or less**

1. Wallace C. Drennan, Inc.

P.O. Box 15438
New Orleans, LA 70175-5438

- Contract 2144 Water Main Point Repairs, Water Services Connection, Water Valve and Fire Hydrant Replacement Various Sites Throughout Orleans Parish
- Start Date : 365 days from NTP
- \$933,073.00
- DBE Goal 36%

2. Compressed Air Systems

217 Gunther Lane
Belle Chasse, LA

- Sycamore Filter Gallery Equipment Maintenance contract
- Start Date: 3/1/2020 to 2/28/2022 with no renewal options
- \$9,646.20 Annually
- DBE Goal 0%

3. Coburns Supply

1849 Commercial Drive
Harvey, LA. 70058

- Contract YW20-0011, Furnishing Sewer Repair Couplings
- Start Date: 10/01/2020, one (1) year with an additional two (2) one (1) year renewal options not to exceed a total of three (3) years
- \$200,000.00 annually
- DBE Goal 0%

4. Atlas Hose & Gasket Co., LLC

1010 Saint Mary Street,
New Orleans, LA. 70130

- Contract YW20-0013, Furnishing Hoses & Accessories
- Start Date: 10/01/2020, one (1) year with an additional two (2) one (1) year renewal options not to exceed a total of three (3) years
- \$200,000.00 annually
- DBE Goal 5%

5. Ferguson Enterprises DBA Louisiana Utilities Supply Co.

901 Labarre Road,
Metairie, LA. 70001

- Contract YW20-0014, Furnishing Full Circle Stainless Steel Repair and Tap Clamps and Transitional Couplings for Cast Iron, Ductile Iron and Transit Pipe
- Start Date: 10/01/2020, one (1) year with an additional two (2) one (1) year renewal options not to exceed a total of three (3) years
- \$300,000.00 annually
- DBE Goal 0%

6. DiGiovanni Construction LLC

P.O. Box 964,
Metairie, LA. 70004

- Contract YW20-0014, Removal and replacement of existing Shingle Roof at the Icehouse (Central Yard)
- Start Date: 10/01/20
- \$7,589.90
- DBE Goal 0%

7. Mississippi Lime Company

3870 S. Lindbergh Blvd., Ste. 200
St. Louis, MO 63127

- Furnishing Lime to the Algiers Water Plant
- Start Date : 6/22/20 thru 3/31/21 with (1) one-year renewal option
- \$250,968.00 annually for 1200 tons of lime.
- DBE Goal 0%

8. Mythics

4525 Main st., Suite 1500
Virginia Beach, VA 23462

- Furnishing Oracle Cloud Services
- Start Date : 6/9/2020 thru 6/10/2021
- \$16,105.51 annually one (1) year with an additional two (2) one (1) year renewal options not to exceed a total of three (3) years
- DBE Goal 0%

9. PFM Group Consulting LLC

1735 Market Street, 43rd Floor
Philadelphia, PA 19103

- Contractor to provide comprehensive management, budget consulting, and advisory services to assist the Board with its overall financial and budgetary planning, investment, expenditure and related strategic planning, development and management of resources.
- Start Date : July 30, 2020 for 1 year
- Not to Exceed \$830,000.00 with one (1) three (3) month extension
- DBE Goal 36%

10. Southeast Safety & Supplies

1501 River Oaks Rd,
West Harahan LA. 70123

- Contract YW20-0006 Furnishing Safety Supplies
- Start Date: 07/01/20 annually one (1) year with an additional two (2) one (1) year renewal options not to exceed a total of three (3) years
- \$200,000.00 annually
- DBE Goal 30%

11. Barriere Construction

P.O. Box 1576 (1268 LA 3127)
Boutte, LA 70039

- Contract YW20-0010 Furnishing Hot Mix Asphalt
- Start Date: 09/01/20 annually one (1) year with an additional two (2) one (1) year renewal options not to exceed a total of three (3) years
- \$200,000.00 annually
- DBE Goal 0%

12. Lamarque Ford

3101 Williams Blvd,
Kenner, LA0070065

- Contract G120-0002 Rebuilding and Installing Automotive Transmissions in Automobiles and Small Trucks
- Start Date: 09/01/20 annually one (1) year with an additional two (2) one (1) year renewal options not to exceed a total of three (3) years
- \$138,625.00 annually
- DBE Goal 0%

13. DiGiovanni Construction LLC

P.O. Box 964,
Metairie, LA. 70004

- Contract Y0200060, Replacement of 3-ton Air Conditioner and Heating System
- Start Date: 9/01/20
- \$12,255.00
- DBE Goal 0%

14. Olameter Corporation

1150 Crews Road, Suite 1,
Matthews, NC 28105

- Emergency contract to furnish Meter Reader Services
- Start Date: 8/24/20 through 11/30/20 with option to extend for three (3) additional months
- Not to Exceed \$500,000.00
- DBE Goal 0%

15. Broadblast Inc

198 Okatie Village Dr. Suite 103-312
Okatie, SC 29909

- GSA Contract to furnish Everbridge Alert System
- Start Date: 9/1/20 through 8/31/21
- \$64,068.30
- DBE Goal 0%

16. Alertus

11720 Beltsville Dr. 9th Floor
Beltsville, MD 20704

- Contract to furnish Alertus Notification System
- Start Date: 9/1/20 through 12/31/20
- \$9,200.00
- DBE Goal 0%

17. Southern Backflow Inspections, LLC

1121 N Sibley St,
New Orleans, LA 70123

- Completion of Plumbing work at the West Bank Wastewater Treatment Plant
- Start Date: August 19, 2020
- \$16,875.00
- DBE Goal 0%

18. AJ's Plumbing & Heating Inc

421 Commerce Pt,
New Orleans, LA 70123

- Completion of Plumbing work at the West Bank Wastewater Treatment Plant
- Start Date: August 19, 2020
- \$36,500.00
- DBE Goal 0%

Upon request, complete contract available for review in the Procurement Office.



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: September 4, 2020

To: Ghassan Korban, Executive Director

Thru: Irma Plummer, EDBP Director



From: Lyria Hicks, EDBP Compliance Officer

Re: EDBP Department Summary – August 2020

ANALYSES CONDUCTED BY EDBP

For the month of August 2020, the EDBP Department received one (1) Goods and Services contract to review.

FURNISHING HOSES AND ACCESSORIES – REQ NO. YW20-0013

On Thursday, July 30, 2020, one (1) bid was received for subject contract. The bid total is as follows:

Atlas Hose & Gasket Co.

\$136,586.55

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

Atlas Hose & Gasket Co., the lowest and sole bidder, submitted Next Generation Logistics (eligible, certified SLDBE) to provide services. Signed correspondence from the DBE on their own letterhead reaffirming negotiated terms was provided.

Total Participation: \$6,839.93 – 5%

Based upon analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends the SLDBE participation submitted by Atlas Hose & Gasket Co. be accepted as responsive to meeting EDBP bid requirements.

For the month of August 2020, the EDBP Department received two (2) Professional Services contracts to review.

REQUEST FOR PROPOSAL: PROPERTY CASUALTY INSURANCE MARKETING AND OTHER ANCILLARY SERVICES

On Thursday, August 3, 2020, three (3) proposals were reviewed for subject project. The respondents are as follows:

The USI One Advantage	74 pts
Gallagher Insurance	93 pts
Eagan Insurance Agency, LLC	98 pts

The highest evaluated score was from **Eagan Insurance Agency** with a total composite score of 98 points.

Thirty-five (35%) SLDBE participation goal was requested on subject proposal.

USI Insurance Services, LLC submitted Fulton, Johnson, Newman, & Pittman Insurance Agency (eligible, certified DBE) to provide primary contact between prime and SWBNO, program marketing assistance and technical guidance, education and advisement on client insurance topics, and prepare reports memorandums. Fulton, Johnson, Newman, & Pittman Insurance Agency provided unsigned correspondence on their letterhead reaffirming negotiated terms.

Total participation: 35.00%

Arthur J. Gallagher Risk Management Services, Inc. submitted L-Force Management Group, Inc. DBA Noah W. Lewis & Associates (eligible, certified DBE) to provide Property/Casualty Insurance, Marketing, and other ancillary services. Noah W. Lewis & Associates provided signed correspondence on their letterhead affirming their intent to perform as DBE subcontractors.

Total participation: 35.00%

Eagan Insurance Agency, LLC submitted F.W. Insurance Services, LLC (eligible, certified SLDBE) to provide full placement of all insurance policies. F.W. Insurance Services, LLC provided signed correspondence on their respective letterhead reaffirming negotiated terms.

Total participation: 35%

Based on analysis of the DBE participation submitted, the Economically Disadvantaged Business Program recommends the DBE participation submitted by Eagan Insurance Agency, LLC and Gallagher Insurance be considered responsive while the DBE participation submitted by The USI One Advantage be considered nonresponsive to meeting EDBP proposal requirements.

REQUEST FOR PROPOSAL: INFORMATION SYSTEMS MANAGEMENT

On Thursday, July 23, 2020, four (4) proposals were received for subject project. The respondents are as follows:

Avenu Insights & Analytics, LLC	89.7 pts
New Era Information Technologies, LLC	84.1 pts
Sparkhound, LLC	74.9 pts
IBM Business Services, Inc.	15.0 pts

The highest evaluated score was from **Avenu Insights & Analytics , LLC** with a total composite score of 89.7 points.

Thirty-five (35%) SLDBE participation goal was requested on subject proposal.

Avenu Insights & Analytics , LLC submitted Major Services, Inc. (eligible, certified DBE) to provide IT systems support. Major Services, Inc. provided signed correspondence on their letterhead reaffirming negotiated terms.

Total participation: 35%

New Era Information Technologies, LLC submitted Synchronous Solutions, Inc. (eligible, certified DBE) to provide GIS, SCADA, project management, and computer center management. Avexon, LLC (eligible, certified SLDBE) was selected to provide project stakeholders, network administration, and security analysts. Both DBEs provided signed correspondence on their letterhead reaffirming negotiated terms.

Total participation: 48.00%

Sparkhound, LLC submitted Landmark Consulting, LLC (eligible, certified DBE) to provide program management, account management, and IT staffing. Landmark Consulting, LLC did not provide signed correspondence on their own letterhead affirming their intent to perform as DBE subcontractors.

Total participation: 40.00%

IBM Business Services, Inc. did not submit a completed DBE Participation Summary sheet.

Total participation: 0.00%

IBM Business Services, Inc. did not provide a notarized affidavit stating why the goal could not be met.

Based on analysis of the DBE participation submitted, the Economically Disadvantaged Business Program recommends the DBE participation submitted by Avenu Insights & Analytics, LLC and New Era Information Technologies, LLC be considered responsive while the DBE participation submitted by Sparkhound, LLC and IBM Business Services, Inc. be considered nonresponsive to meeting EDBP proposal requirements.

For the month of August 2020, the EDBP Department received one (1) Construction contract to review.

CONTRACT #1403 – DEMOLITION OF ABANDONED C-7 & C-8 BASINS AND OTHER SITE IMPROVEMENTS AT THE CARROLLTON WATER TREATMENT PLANT

On Monday, August 10, 2020, six (6) bids were received for subject contract. The bid totals are as follows:

	<u>BASE BIDS</u>
Lou-Con, Inc.	\$6,485,033.03
Cycle Construction Co., LLC	\$7,569,394.00
M.R. Pitmann Group, LLC	\$8,729,568.00
Palmisano Construction, LLC	\$8,780,668.00
Boh Bros. Construction Co., LLC	\$9,556,877.20
B&K Construction Co., LLC	\$11,069,214.00

Thirty-six percent (36%) DBE participation was established for this project.

The apparent lowest bidder, **Lou-Con, Inc.**, withdrew their bid before approval and did not submit any documents for EDBP review.

The apparent second lowest bidder, **Cycle Construction Co., LLC**, submitted the following subcontractors:

The Three C's Properties, Inc. (eligible, certified DBE) to perform supply of aggregates and trucking and hauling of debris
\$2,436,533.00 – 32.19%

Twin Shores Landscaping and Construction Services, Inc. (eligible, certified DBE)
Sidewalk/Sodding and ADS Stormtech System
\$550,000.00 – 7.33%

Total Participation: \$2,991,533.00 — 39.52%

Correspondence from DBEs on their letterhead reaffirming negotiated terms was provided.

The apparent third, fourth, fifth, and sixth apparent lowest bidders were not required to submit additional documents.

Based upon analysis of DBE participation, the Economically Disadvantaged Business Program recommends that the DBE participation submitted by Cycle Construction

CONSTRUCTION REVIEW COMMITTEE RECOMMENDATIONS

There were not any new construction projects presented to EDBP, therefore the CRC committee did not convene for the month of August 2020.

STAFF CONTRACT REVIEW COMMITTEE RECOMMENDATIONS

The Staff Contract Review Committee convened on Thursday, August 13, 2020, and made the following recommendations:

OPEN MARKET CONTRACTS

- 1) Request for Furnishing Ferric Sulfate to the Algiers and Carrolton Plants**

Budget Amount: \$1,900,000.00
Renewal Option(s): One (1) year with one (1) one (1) year renewal options
Recommended 0%
Percentage Goal:
Justification: Product is shipped directly from the manufacturer in specially lined pneumatic trailers.
- 2) Request for Furnishing On-call Valve Operation Services**

Budget Amount: \$700,000.00
Renewal Option(s): One (1) year with three (3) one (1) year renewal options
Recommended 35%
Percentage Goal:
Justification: N/A
- 3) Request for Furnishing SWBNO Green Infrastructure Site Renovations**

Budget Amount: \$119,000.00
Renewal Option(s): Three (3) years with no renewal options
Recommended 5%
Percentage Goal:
Justification: N/A
- 4) Request for Furnishing Utility Strategic Planning**

Budget Amount: \$500,000.00
Renewal Option(s): N/A
Recommended 5%
Percentage Goal:
Justification: N/A

INFORMATION ITEMS

PROJECTS	CONTRACTOR	BUDGET AMOUNT	CONTRACT EXECUTED	GOAL
1. Master Professional Services Agreement	Jacobs Engineering Group, Inc.	\$428,770.00	Executed May 29, 2020	35%
At the discretion of the EDBP Director, the Master Professional Services Agreement between SWBNO and Jacobs Engineering Group, Inc. was not presented to SCRC. Based on the time constraints and the permissions set forth in Resolutions R-144-99, an automatic DBE goal of 35% was incorporated into this agreement.				
2. Master Professional Services Agreement	GE Packaged Power, LLC	\$400,000.00	Executed May 21, 2020	0%
At the discretion of the EDBP Director, Master Professional Services Agreement between SWBNO and GE Packaged Power, LLC was not presented to SCRC. Based on the time constraints and its designation as a sole source, an automatic DBE goal of 0% was incorporated into this agreement.				
3. Request for Furnishing New Orleans Resilient City Toolbox (NORCT)	Deltares USA, Inc.	\$48,118.86	N/A	0%
At the discretion of the EDBP Director, request for Furnishing New Orleans Resilient City Toolbox (NORCT) is not being presented to SCRC because this is a sole source product. Deltares USA, Inc. is the only vendor capable of providing updates to the NO-AST software platform. An independent company would not be able to obtain the rights to work on the software.				

CONSTRUCTION RENEWAL CONTRACTS with DBE PARTICIPATION

There were no projects with a DBE Participation Goal to review for the month of August 2020.

FINAL ACCEPTANCE CONTRACTS with DBE PARTICIPATION

There was one (1) final acceptance construction contract with a DBE participation goal to review for the month of August 2020.

1) Contract #30102: DPS #17/Station D Structural Repairs

DBE Goal:	26%
DBE Participation	38.35%
Achieved:	
Prime Contractor:	The McDonnell Group
Closeout Date:	August 2020

EDBP accepts the DBE participation and recommends approval for Final Acceptance.

SEWERAGE & WATER BOARD OF NEW ORLEANS CONTRACTS WITH DBE PARTICIPATION FOR AUGUST 2020

There were four (4) contracts with DBE participation awarded for the month of August 2020.

Sewerage & Water Board New Orleans Awarded Projects with SLDBE Participation January 2020 - August 2020

Category	Category Dollar Amount	SLDBE Dollar Value
Construction Projects	\$ 38,392,749	\$ 13,923,050
Goods & Services Projects	\$ 140,670	\$ 42,201
Professional Services Projects	\$ 1,456,270	\$ -
Grand Total	\$ 39,989,689	\$ 13,965,251

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2020 - August 2020

Construction Projects Awarded 2020

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
Cont #1370A: 60Hz Transformer/Switchgear	20%	\$ 11,414,960.00	Frischhertz Electric Co., Inc.	Carter Electric Supply, LLC	29.33%	\$ 3,348,180.00			2/19/2020
				Balthazar Elektriks Wholesale Distributors	7.34%	\$ 837,440.00			
				Total	36.67%	\$ 4,185,620.00			
Cont #30223: Southern Basin #4-Sewer Rehabilitation	36%	\$ 4,786,566.00	BLD Services, LLC	Choice Supply Solutions, LLC	6.02%	\$ 288,000.00			2/19/2020
				Advantage Manhole & Concrete Services, Inc.	2.84%	\$ 136,000.00			
				C&M Construction Group, Inc.	22.48%	\$ 1,076,000.00			
				Prince Dump Truck Service, LLC	4.68%	\$ 224,000.00			
				Total	36.02%	\$ 1,724,000.00			
Cont #30213: Southern Basin #1-Sewer Rehabilitation	36%	\$ 1,584,847.24	Grady Crawford Construction Co., Inc. of Baton Rouge	V. Keeler & Associates	3.37%	\$ 53,452.19			4/22/2020
				Commander Corporation	30.42%	\$ 482,185.18			
				Dieudonne Enterprises	1.87%	\$ 29,672.00			
				EFT Diversified	3.44%	\$ 54,466.46			
				Total	39.11%	\$ 619,775.83			

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
Cont #30222: Southern Basin #3-Sewer Rehabilitation	36%	\$ 1,977,879.20	Grady Crawford Construction Co., Inc. of Baton Rouge	V. Keeler & Associates	5.24%	\$ 103,683.24			4/22/2020
				Commander Corporation	24.54%	\$ 485,469.60			
				Dieudonne Enterprises	1.91%	\$ 37,832.00			
				EFT Diversified	4.35%	\$ 86,000.00			
				Total	36.05%	\$ 712,984.84			
Cont #30224: Southern Basin #5-Sewer Rehabilitation	36%	\$ 4,576,947.00	BLD Services, LLC	Choice Supply Solutions, LLC	5.72%	\$ 262,000.00			4/22/2020
				Advantage Manhole & Concrete Services, Inc.	3.80%	\$ 174,000.00			
				C&M Construction Group, Inc.	21.80%	\$ 998,000.00			
				Prince Dump Truck Service, LLC	4.72%	\$ 216,000.00			
				Total	36.05%	\$ 1,650,000.00			
Cont #8164: Skilled and Unskilled Maintenance for Labor	30%	\$ 4,861,156.00	JEI Solutions	Clays Construction Group, LLC	9.12%	\$ 443,100.00			4/22/2020
				Jaes Plumbing & Construction LLC	9.04%	\$ 439,236.00			
				Perc Enterprises, Inc.	11.88%	\$ 577,500.00			
				Total	30.03%	\$ 1,459,836.00			
Cont #2143: Water Main Line Replacements and Extensions at Scattered Locations throughout Orleans Parish	36%	\$ 1,621,000.00	Infinity Construction and Trucking	Gentilly Debris Removal					8/19/2020
					36.05%	\$ 584,300.00			

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
Cont #1403: Demolition of Abandoned C-7 & C-8 Basins and Other Site Improvements at the Carrollton Water Treatment Plant	36%	\$ 7,569,394.00	Lou-Con, Inc.	Three C's Properties, Inc.	32.19%	\$ 2,436,533.00			8/19/2020
				Twin Shores Landscaping and Construction Services, Inc.	7.27%	\$ 550,000.00			
				Total	39.46%	\$ 2,986,533.00			

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2020 - August 2020

Goods & Services Projects Awarded 2020

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
YW20-0006 Furnishing Safety Supplies	30%	\$140,670.00	Southeast Safety & Supply	Corporate Buisness Supplies	30%	\$42,201.00	\$42,201.00	30%	6/23/2020
Total Goods & Services Projects		\$140,670.00			30%	\$42,201.00	\$42,201.00		

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2020 - August 2020

Professional Services Projects Awarded 2020

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
Master Professional Service Agreement	35%	\$197,500.00	Lotus Insurance Solutions	FW Insurance Services	35.00%				4/1/2020
Master Professional Service Agreement	35%	\$428,770.00	Jacobs Engineering Group, Inc.	Intergrated Logistical Support, Inc. (ILSI); Infinity Engineering Consultants, LLC	35.00%				6/2/2020
Professional Services Agreement	36%	\$830,000.00	PFM Group Consulting, LLC	Pending submission of DBE Participation Summary Sheet	36%				7/30/2020
Engineering Services for Power Frequency Converter at Carrollton Water Plant	35%	Dependent on Option: 1) 608,165.00 2) \$640,122.00	Jacobs Engineering Group, Inc.	Pending submission of DBE Participation Summary Sheet	35%				9/2/2020
Total Professional Services Projects		\$1,456,270.00			35%				