

May 24, 2019

Mayor and City Council  
City of Rochelle  
420 North 6<sup>th</sup> Street  
Rochelle, Illinois 61068

Attention: Adam Lanning, Superintendent of Water & Wastewater

***RECOMMENDATION TO AWARD***

***Subject: City of Rochelle –Water Reclamation Facility Improvements  
IEPA WPCLP Loan No. L17-5516***

Dear Mayor and City Council:

On May 23, 2019, five bids were received for the Water Reclamation Facility Improvements project. Each Bid contained a lump sum base Bid price and a separate deduct price for each of the 17 alternates. The Bidding Documents required the application of alternates to determine the apparent low bidder if the Bids were all above the City's base Bid plus alternates budget.

Prior to opening Bids, we announced that the City's base Bid plus alternates budget for the construction contract is \$6,980,000. That budget was computed as follows:

Project Base Rate in FY 2018-2019	1.840%
Small Community Rate Adjustment	x <u>75%</u>
Reduced Annual Interest Rate	1.380%
Environmental Discount	- <u>0.200%</u>
Net Annual Interest Rate	1.180%
	÷ <u>2</u>
Semi-Annual Interest Rate	0.59%
Affordable Loan Amount	\$4,886,411
A/P (I =0.59%, n = 40 payments)	x <u>0.0281</u>
Semi-Annual Payment	\$137,500
	x <u>2</u>
Annual Payment	\$275,000

Affordable Loan Amount	\$4,886,000
Principal Forgiveness (30%)	<u>\$2,094,000</u>
<b>Base Bid plus Alternates Budget</b>	<b>\$6,980,000</b>

The Engineer's prebid estimate was \$7,000,000.

All lump sum Bids exceeded the City's base Bid plus Alternates budget. To achieve the \$6,980,000 budget, the first of the 17 alternates was applied. After deducting the first eight alternate, Whittaker Construction & Excavating Inc. was the apparent low bidder at \$6,979,595:

Item	<u>Whittaker</u>	<u>WBCI</u>	<u>Leander</u>	<u>IHC</u>	<u>Sjostrom</u>
Base Bid Price	\$7,070,000	\$7,245,000	\$7,348,000	\$7,610,000	\$7,738,000
Alt. A. – H.	(\$ 90,405)	(\$ 110,800)	(\$ 91,185)	(\$ 87,100)	(\$128,600)
Adjusted Bid Price	<b>\$6,979,595</b>	\$7,134,200	\$7,256,815	\$7,522,900	\$7,609,400

See the attached Bid Tabulation for all five bidders' proposed deducts for all 17 alternates.

We have analyzed each of the bids and find Whittaker Construction & Excavating Inc. to be the lowest responsible and responsive Bidder.

Based upon our familiarity and past working relationships, we believe that Whittaker Construction & Excavating Inc. is qualified to complete the Project.

We recommend that the City accept Alternates A. through G and Alternate N. By accepting these alternates, the project will be under the construction budget.

We, therefore, recommend the award of the construction contract to Whittaker Construction & Excavating Inc. in the amount of \$6,979,845 subject to the City's receipt of a formal loan offer from the Illinois Environmental Protection Agency.

Please advise us of your decision on our recommendation to award contingent on receipt of a formal loan offer from the IEPA.

Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS



Carl F. Fischer, P.E., BCEE  
Wastewater Department Manager

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**CITY OF ROCHELLE, ILLINOIS**  
**WATER RECLAMATION FACILITY IMPROVEMENTS**  
**TABULATION OF BIDS**

IEPA Loan No. L17-5516

Project Engineer: Carl Fischer, P.E., BCEE

Project Budget: \$6,980,000

Date/Time: May 23, 2019 / 2:00 P.M.

ENGINEERS' JOB NO: 171097.40

Item	BIDDERS (see Notes)					Recommended Award to Whitaker
	IHC	Leander	Sjostrom	Whittaker	WBCI	
Bid Security	5% Bond	5% Bond	5% Bond	5% Bond	5% Bond	accepting
Addenda Acknowledged	3	3	3	3	3	Alts A-G, & N
<b>Base Bid Price</b>	<b>\$7,610,000</b>	<b>\$7,348,000</b>	<b>\$7,738,000</b>	<b>\$7,070,000</b>	<b>\$7,245,000</b>	<b>\$7,070,000</b>
<b>Deducts:</b>						
a. Regrade Gravel Rd	<u>-\$1,700</u>	<u>-\$2,750</u>	<u>-\$5,500</u>	<u>-\$9,000</u>	<u>-\$14,000</u>	<u>-\$9,000</u>
Subtotal	\$7,608,300	\$7,345,250	\$7,732,500	\$7,061,000	\$7,231,000	\$7,061,000
b. Gravel west of Sys 1 LS	<u>-\$3,100</u>	<u>-\$15,300</u>	<u>-\$3,500</u>	<u>-\$7,000</u>	<u>-\$6,300</u>	<u>-\$7,000</u>
Subtotal	\$7,605,200	\$7,329,950	\$7,729,000	\$7,054,000	\$7,224,700	\$7,054,000
c. Asphalt: Filters to ALEPB	<u>-\$8,600</u>	<u>-\$8,950</u>	<u>-\$10,000</u>	<u>-\$8,300</u>	<u>-\$8,500</u>	<u>-\$8,300</u>
Subtotal	\$7,596,600	\$7,321,000	\$7,719,000	\$7,045,700	\$7,216,200	\$7,045,700
d. Asphalt: Sys 1 LS north	<u>-\$30,000</u>	<u>-\$31,160</u>	<u>-\$48,500</u>	<u>-\$28,900</u>	<u>-\$30,500</u>	<u>-\$28,900</u>
Subtotal	\$7,566,600	\$7,289,840	\$7,670,500	\$7,016,800	\$7,185,700	\$7,016,800
e. Asphalt: PT Bldg north	<u>-\$2,700</u>	<u>-\$2,800</u>	<u>-\$5,000</u>	<u>-\$2,605</u>	<u>-\$3,000</u>	<u>-\$2,605</u>
Subtotal	\$7,563,900	\$7,287,040	\$7,665,500	\$7,014,195	\$7,182,700	\$7,014,195
f. Asphalt: PT-Blower Bldg	<u>-\$15,000</u>	<u>-\$15,800</u>	<u>-\$16,000</u>	<u>-\$14,700</u>	<u>-\$16,000</u>	<u>-\$14,700</u>
Subtotal	\$7,548,900	\$7,271,240	\$7,649,500	\$6,999,495	\$7,166,700	\$6,999,495
g. Asphalt: Lab-Chem Bldg	<u>-\$15,000</u>	<u>-\$5,650</u>	<u>-\$25,600</u>	<u>-\$14,650</u>	<u>-\$16,000</u>	<u>-\$14,650</u>
Subtotal	\$7,533,900	\$7,265,590	\$7,623,900	\$6,984,845	\$7,150,700	\$6,984,845
h. Parking: Admin north	<u>-\$11,000</u>	<u>-\$8,775</u>	<u>-\$14,500</u>	<u>-\$5,250</u>	<u>-\$16,500</u>	
Subtotal	\$7,522,900	\$7,256,815	\$7,609,400	\$6,979,595	\$7,134,200	\$6,984,845
i. D.O. Probes (6)	<u>-\$35,000</u>	<u>-\$39,300</u>	<u>-\$68,750</u>	<u>-\$29,500</u>	<u>-\$34,000</u>	
Subtotal	\$7,487,900	\$7,217,515	\$7,540,650	\$6,950,095	\$7,100,200	\$6,984,845
j. ML Recycle Pumps (2)	<u>-\$120,000</u>	<u>-\$92,100</u>	<u>-\$135,000</u>	<u>-\$82,000</u>	<u>-\$110,000</u>	
Subtotal	\$7,367,900	\$7,125,415	\$7,405,650	\$6,868,095	\$6,990,200	\$6,984,845
k. Baffle Walls (4)	<u>-\$75,000</u>	<u>-\$81,300</u>	<u>-\$102,688</u>	<u>-\$100,000</u>	<u>-\$60,000</u>	
Subtotal	\$7,292,900	\$7,044,115	\$7,302,962	\$6,768,095	\$6,930,200	\$6,984,845
l. Turbo Blower (1)	<u>-\$164,000</u>	<u>-\$155,400</u>	<u>-\$145,000</u>	<u>-\$180,000</u>	<u>-\$170,000</u>	
Subtotal	\$7,128,900	\$6,888,715	\$7,157,962	\$6,588,095	\$6,760,200	\$6,984,845
m. Warranty: 3→1 yr	<u>-\$48,079</u>	<u>-\$2,160</u>	<u>-\$25,000</u>	<u>-\$12,500</u>	<u>-\$8,000</u>	
Subtotal	\$7,080,821	\$6,886,555	\$7,132,962	\$6,575,595	\$6,752,200	\$6,984,845
n. Warranty: 2→1 yr	<u>-\$2,700</u>	<u>-\$15,500</u>	<u>-\$10,000</u>	<u>-\$5,000</u>	<u>-\$5,000</u>	<u>-\$5,000</u>
Subtotal	\$7,078,121	\$6,871,055	\$7,122,962	\$6,570,595	\$6,747,200	\$6,979,845
o. Spare Parts	<u>-\$20,000</u>	<u>-\$19,800</u>	<u>-\$30,000</u>	<u>-\$19,500</u>	<u>-\$12,000</u>	
Subtotal	\$7,058,121	\$6,851,255	\$7,092,962	\$6,551,095	\$6,735,200	\$6,979,845
p. Screen: Huber => E-C	<u>-\$45,000</u>	<u>-\$46,500</u>	<u>-\$37,060</u>	<u>\$5,000</u>	<u>-\$40,000</u>	
Subtotal	\$7,013,121	\$6,804,755	\$7,055,902	\$6,556,095	\$6,695,200	\$6,979,845
q. Grit: Huber => E-C	<u>-\$38,000</u>	<u>-\$40,000</u>	<u>-\$40,333</u>	<u>\$5,000</u>	<u>-\$30,000</u>	
<b>Total</b>	<b>\$6,975,121</b>	<b>\$6,764,755</b>	<b>\$7,015,569</b>	<b>\$6,561,095</b>	<b>\$6,665,200</b>	<b>\$6,979,845</b>
<b>Project Budget: \$6,980,000</b>						

## Notes

IHC: IHC Construction Companies LLC, Elgin, IL 60123

Leander: Leander Construction, Inc., Canton, IL 61520

Sjostrom: Sjostrom &amp; Son Inc., 1129 Harrison Avenue, Rockford, IL 61104

Whittaker: Whittaker Construction &amp; Excavating Inc., Earlville, IL 60518

WBCI: Williams Bros. Construction Inc., Peoria Heights, IL 61616

Baxter & Woodman, Inc.  
Consulting Engineers

By: CFF Check: ARH JDM

Worksheet: Bid Tab

Workbook: D:\8.1.3 Bid Tab with Alts - Complete.xlsx