



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Wastewater Treatment Plant Screening Building		
Presenter & Title:	Bob Van Gyseghem, Superintendent of Water & Wastewater		
Date:	November 3, 2025		
Please Check Appropriate Box:			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other -
Associated Strategic Plan Goal/Objective: ES-II, QIS-1			
Estimated Cost: \$6,290,000.00		Budgeted? <input type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Executive Summary:			
<p>The Wet Weather Facility Plan Update in 2021 by Deuchler Engineering identified the single sanitary sewer river crossing and hydraulic flow restriction to the screening building at the Wastewater Treatment Plant as contributing to Sanitary Sewer Overflows during heavy rain events. On June 6, 2022 the City Council approved a professional services agreement with Fehr Graham Engineering for the design of a new sanitary sewer river crossing and screening building. On September 22, 2025, bids were opened for the construction of a new screening building at the Wastewater Treatment Plant. Five bids were received with the low bid provided by Williams Brothers Construction. The low bid is 13% below engineer's estimate. A new building with redundant higher performance screening equipment will replace the single bar screen. The new building and equipment will improve employee safety and incoming flow hydraulics allowing for better system collection system performance. The cost of this contract will be funded as part of the Illinois Environmental Protection Agency Water Pollution Control Loan Program.</p>			
Attachments: <i>(please list)</i>			
<ul style="list-style-type: none"> • Resolution • Fehr Graham Memo • Bid Tabulation 			
Voting Requirements:			
<p><i>This motion requires a simple majority of affirmative votes for passage. (City Council Only)</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the alderpersons has resulted in a tie; (b) when one half of the alderpersons elected have voted in favor of an ordinance, resolution, or motion even though there is no tie vote; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
Recommendation / Suggested Action: <i>(how the item should be listed on agenda)</i>			
<p>Recommend approval of a Resolution authorizing the City Administrator to enter into a contract with Williams Brothers Construction in the amount of \$6,290,000.00</p>			

RESOLUTION NO. 2025-132

**RESOLUTION AUTHORIZING EXECUTION OF
Contract for Wastewater Treatment Plant Screening Building**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS, as follows:

SECTION 1: That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a contract with Williams Brothers Construction, related to a screening building at the wastewater treatment plant.

SECTION 2: This Resolution shall become effective from and after its passage as in accordance with law.

PASSED by the City Council of the City of Geneva, Kane County, Illinois, this ____ day of _____, 2025

AYES: __ NAYS: __ ABSENT: __ ABSTAINING: __ HOLDING OFFICE: __

Approved by me this ____ day of _____, 2025.

Mayor

ATTEST:

City Clerk

September 26, 2025

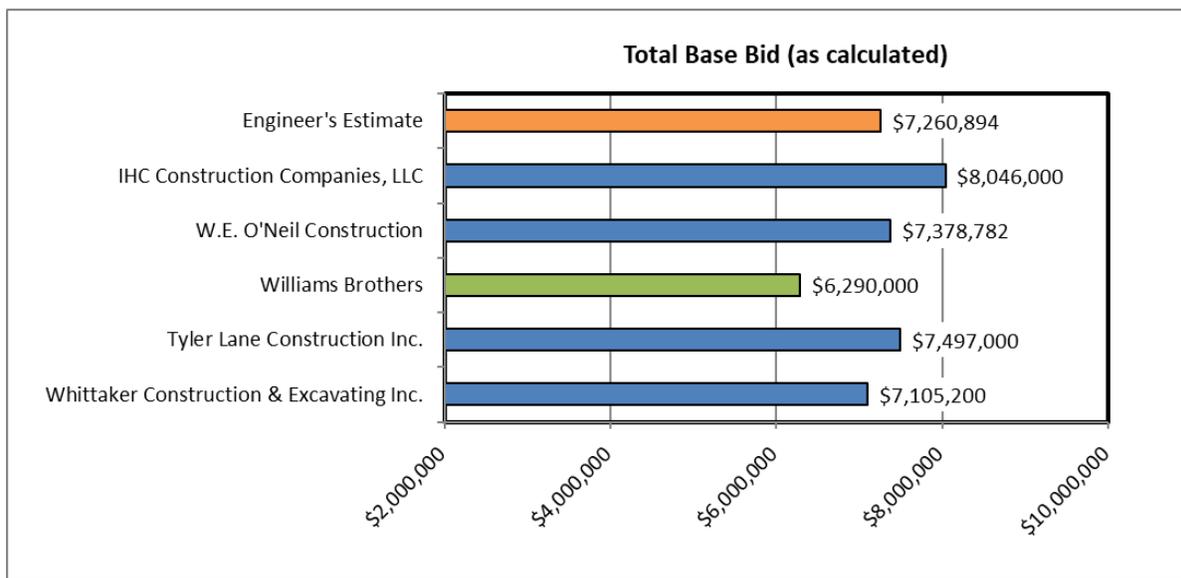
Mr. Bob VanGyseghem
 Water Division Superintendent
 1800 South Street
 Geneva, IL 60134

RE: Geneva Screening Building and River Crossing
 Bid Evaluation and Recommendation

Dear Bob,

Bids were opened for the Geneva Screening Building and River Crossing Projects on September 22, 2025. Fehr Graham has reviewed the bids. Bids were received from five general contractors for the Screening Building project and four general contractors for the River Crossing project. The following is a summary of the bids:

Screening Building:



A full tabulation of the bids is attached with this letter. Bid totals were adjusted, if necessary, based on a review of the tabulation, not the written totals.

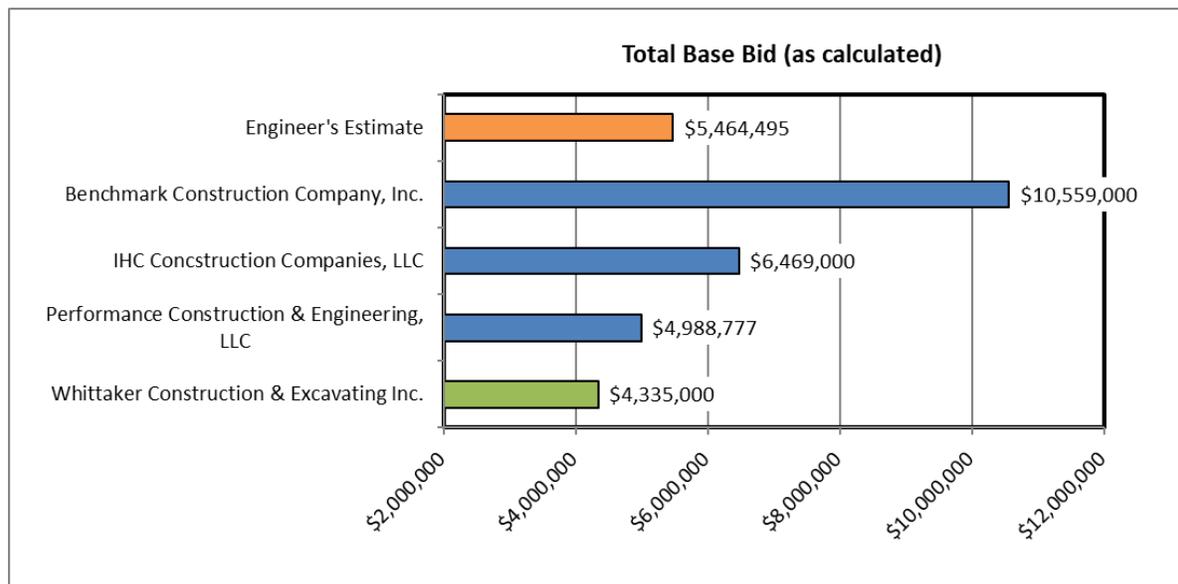
All five bidders attended the mandatory pre-bid meeting. Each of the bidders submitted an affidavit of experience supporting that they have substantial experience with this type of work. The apparent low bidder, Williams Brothers Construction Inc., provided the required certifications with their bid.

The low bid was approximately 13% lower than the engineer's estimate. The remaining bids were 2%-lower to 11% higher than the engineer's estimate. Therefore, Fehr Graham believes the bids are reasonable and that all bidders had a similar understanding of the scope of work.

Some discrepancies were noted in the bid form submitted by Whittaker Construction & Excavating Inc. These discrepancies would lead to an increase in their bid total. Since they were not the apparent low bidder, these discrepancies were ignored.

Fehr Graham is recommending an award to William Brothers Construction Inc. in an amount totaling \$6,290,000 for the Screening Building contractor.

River Crossing:



A full tabulation of the bids is attached with this letter. Bid totals were adjusted, if necessary, based on a review of the tabulation, not the written totals.

All four bidders attended the mandatory pre-bid meeting. Each of the bidders submitted an affidavit of experience supporting that they have substantial experience with this type of work. The apparent low bidder, Whittaker Construction & Excavating Inc., provided the required certifications with their bid.

Benchmark Construction Company, Inc.'s (Benchmark) bid was significantly higher (93% higher) than the other 3 bidders and thus Fehr Graham believes they did not understand the scope of work. Excluding Benchmark, the low bid was approximately 21% lower than the engineer's estimate. The remaining bids were 9% lower to 18% higher than the engineer's estimate. Therefore, Fehr Graham believes the bids are reasonable.

Fehr Graham is recommending an award to Whittaker Construction & Excavating Inc. in an amount totaling \$4,335,000 for the River Crossing contractor.

Fehr Graham recommends that the City of Geneva award this project to the recommended contractors at the next city council meeting.

Thank you for this opportunity to be of service to the City. We look forward to successful completion of this project.

Very Truly Yours,

Fehr Graham Engineering & Environmental, Inc.

A handwritten signature in black ink, reading "Andrew J. Barbeau". The signature is written in a cursive style with a large, stylized initial "A".

Andrew Barbeau, P.E.
Project Manager

CC: File 22-740

BID TABULATION

Geneva
 Screening Building
 Project No. 22-740
 September 22, 2025: 10:00 a.m.

Bid Security
Total Base Bid As Read

1	2	3	4	5
Whittaker Construction & Excavating Inc.	Tyler Lane Construction Inc.	Williams Brothers	W.E. O'Neil Construction	IHC Construction Companies, LLC
5%	5%	5%	5%	5%
\$ 7,105,200.00	\$ 7,497,000.00	\$ 6,290,000.00	\$ 7,378,782.00	\$ 8,046,000.00

Table A, Unit Cost Items

312316.26 Bed Rock Removal

\$ 20,330.00	\$ 50,000.00	\$ 35,000.00	\$ 35,000.00	\$ 56,000.00
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Table B, Major Equipment Items

262419 and 262923

MCCs

A Square D
 A Allen Bradley
 B Eaton

\$ 95,000.00	\$ 215,000.00	\$ 95,000.00	\$ 95,000.00	\$ 95,000.00
\$ 200,000.00	\$ -	\$ -	\$ 200,000.00	\$ 125,000.00
\$ -	\$ 260,000.00	\$ 100,000.00	\$ -	\$ 130,000.00

283100

Fire Alarm and Detection Systems

A Simplex Grinnell
 B Notifier
 C Edwards

\$ 37,450.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 47,000.00
\$ 28,000.00	\$ -	\$ 27,000.00	\$ 27,000.00	\$ 50,000.00
\$ -	\$ -	\$ -	\$ -	\$ 50,000.00

283300

Gas Detection and Alarm Systems

A MSA
 B ATI
 C Drager

\$ 18,725.00	\$ 17,500.00	\$ 17,500.00	\$ 17,500.00	\$ 17,500.00
\$ -	\$ 125,000.00	\$ -	\$ -	\$ 25,000.00
\$ -	\$ 185,000.00	\$ -	\$ -	\$ 25,000.00

352016.27

Fabricated Slide Gates

A Rodney Hunt
 A Whipps

\$ 197,950.00	\$ 110,000.00	\$ 185,000.00	\$ 125,000.00	\$ 185,000.00
\$ -	\$ -	\$ 208,000.00	\$ 208,000.00	\$ 208,000.00

400533

Electrical Gate Actuators

A Rotork

\$ 117,700.00	\$ 110,000.00	\$ 110,000.00	\$ 90,000.00	\$ 110,000.00
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409000

Systems Integrators

A Tri-R Systems

\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00
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409123.36

Radar Level Meters

A Vega

\$ 5,350.00	\$ 8,150.00	\$ 5,000.00	\$ 15,895.00	\$ 20,000.00
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462157/462173

Perforated Plate Screens, Washer and Compactor

A Saveco
 A Kusters

\$ 550,000.00	\$ 15,000.00	\$ 433,000.00	\$ 462,400.00	\$ 412,400.00
\$ 550,000.00	\$ -	\$ 425,000.00	\$ 555,000.00	\$ 500,000.00

SUM OF MAJOR EQUIPMENT ITEMS

Sum of major equipment items & Supplies from Table B

At Totaled	\$ 1,092,725.00	\$ 590,650.00	\$ 952,500.00	\$ 920,795.00	\$ 966,900.00
As Written	\$ 1,091,725.00	\$ 590,650.00	\$ 952,500.00	\$ 920,795.00	\$ 966,900.00

Notes

LUMP SUM ITEM

Lump sum Bid for the furnishing of all labor, materials, services and equipment for the balance of the Construction Work

\$ 5,993,145.00	\$ 6,856,350.00	\$ 5,302,500.00	\$ 6,422,987.00	\$ 7,023,100.00
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TOTAL BASE BID

At Totaled	\$ 7,106,200.00	\$ 7,497,000.00	\$ 6,290,000.00	\$ 7,378,782.00	\$ 8,046,000.00
As Written	\$ 7,105,200.00	\$ 7,497,000.00	\$ 6,290,000.00	\$ 7,378,782.00	\$ 8,046,000.00

ADDITIVE UNIT COST ALTERNATES

150 TONS of Type A structural backfill
 150 TONS of Type B structural backfill
 150 TONS of Type D structural backfill
 150 TONS of Type E structural backfill
 500 CY of unsuitable material excavation and off-site disposal
 500 SY of Full Depth Asphaltic Concrete Paving

\$ 5,175.00	\$ 16,500.00	\$ 6,750.00	\$ 12,750.00	\$ 6,750.00
\$ 6,900.00	\$ 18,000.00	\$ 7,500.00	\$ 12,750.00	\$ 6,900.00
\$ 5,175.00	\$ 19,500.00	\$ 7,500.00	\$ 11,850.00	\$ 8,250.00
\$ 6,900.00	\$ 16,500.00	\$ 7,500.00	\$ 11,850.00	\$ 7,050.00
\$ 14,400.00	\$ 97,500.00	\$ 37,500.00	\$ 37,500.00	\$ 9,000.00
\$ 9,000.00	\$ 144,375.00	\$ 60,000.00	\$ 32,500.00	\$ 11,250.00

Certifications

00 30 03 Electronic File Agreement
 00 41 00 Subcontractor List
 00 43 13 Bid Security Form (5%)
 00 45 13 Affidavit of Experience
 00 45 14 Litigation History
 00 45 17 General Certifications
 00 45 19 Criminal Code of 2012 Compliance
 00 45 46 Debarment
 00 45 46.08 Build America, Buy America Certification Form
 00 73 31 Affirmative Action
 00 73 33 Non-Segregated Facilities
 00 73 35 Nondiscrimination in Employment
 00 73 39 DBE Participation
 00 73 77 Illinois Works Apprenticeship

X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X