



AGENDA – Engineering and Construction Committee

Thursday, March 19, 2026 6:00 PM

Committee Members

J. Fennell, Chair
N. Cuzzone
T. Noonan
F. Saverino
J. Zay

- I. Roll Call
- II. Approval of the January 15, 2026, Engineering & Construction Committee Minutes

RECOMMENDED MOTION: To approve the Minutes of the January 15, 2026, Engineering & Construction Committee Meeting of the DuPage Water Commission.

- III. Report of Status of Operations and Construction
- IV. **Resolution R-15-25:** Approval of Amendment #2 to Task Order #1 of a Master Services Agreement with Consor/Raftelis for Professional Services as Source Water Project Technical Advisor (**Cost of \$297,700**)
- V. **Resolution R-23-26:** A Resolution Authorizing High-Lift Pump Control Valve Repair Services from a Sole Source Provider (**A/C Service and Repair – Estimated Expense of \$150,000**)
- VI. **Resolution R-24-26:** A Resolution to Approve & Ratify Certain Work Authorization Orders Under Quick Response Contract QR-13/25 (**WAO No. 007 – Benchmark Construction Co., Inc. – Estimated Cost of \$60,000**)
- VII. **Resolution R-25-26:** A Resolution Approving and Ratifying the First Amendment to Task Order No. 03 for the Phase II Engineering Contract of the WaterLink Pipeline Project (**Lockwood, Andrews & Newnam, Inc. – Increase of Design Cost by \$1,022,300**)

RECOMMENDED MOTION: To recommend approval of Items 2 through 5 of the Engineering and Construction Committee Report section of the Commission meeting agenda

- VIII. Old Business

IX. New Business

X. Executive Session

RECOMMENDED MOTION: To go into Executive Session to discuss security procedures pursuant to 5 ILCS 120/2(c)(8), to discuss matters related to personnel pursuant to 5 ILCS 120/2(c)(1) and (2), to discuss acquisition of real estate pursuant to 5 ILCS 120/2(c)(5), to discuss the setting of a price for sale or lease of property owned by the DuPage Water Commission 5 ILCS 120/2(c)(6), to discuss pending, probable, or imminent litigation pursuant to 5 ILCS 120/2(c)(11), and/or to discuss minutes of closed meetings pursuant to 5 ILCS 120/2(c)(21) (Roll Call).

RECOMMENDED MOTION: To come out of Executive Session (Voice Vote).

XI. Adjournment

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**Minutes of a Meeting
of the**

ENGINEERING & CONSTRUCTION COMMITTEE

DuPage Water Commission
600 E. Butterfield Road, Elmhurst, Illinois

January 15, 2026

Commissioner Saverino called the meeting to order at 6:00 P.M.

Committee members in attendance: N. Cuzzone, J. Fennell, T. Noonan and F. Saverino

Committee members absent: J. Zay

Also in attendance: C. Bostick, D. Cuvalo, J. Loster, D. Panaszek, and M. Weed

Commissioner Saverino moved to approve the Minutes of the November 20, 2025, Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion was seconded by Commissioner Cuzzone and unanimously approved by a Voice Vote.

Manager of Water Operations Bostick provided a report on the ongoing Operations and Maintenance activities listed in the Report of Status of Operations and Board Action Items and Engineering Manager Loster provided a report on the Status of Capital Construction, Capital Engineering and other Improvement Projects.

Regarding High Lift Pump Motor (HLP) No. 3, Manager of Water Operations Bostick reported that the motor is now operational and Staff are in process of replacing several motor safety circuit switches as identified during the motor testing activities.

Manager of Water Operations Bostick reported that Staff continues working with CDM Smith and Strand Associates to finalize design documents of proposed improvements to alleviate electrical issues with the medium voltage switchgear control logic. Manager of Water Operations Bostick stated that General Manager May will be seeking a Board consensus authorization to further the project by getting a start on instrumentation panel fabrication and ratify the task order amendment with CDM Smith at the February DWC meeting.

Manager of Water Operations Bostick reported that on November 17, 2025, A contractor reached out to DWC regarding the approval of a work permit to construct facilities adjacent to the 12" diameter tunnel which transports water from the Chicago system to the Lexington Pumping Station. After discussions, Staff were able to ascertain that the Chicago Department of Water Management (DWM) legal staff had absolved DWM of any responsibility of protecting the tunnel and placing the responsibility solely on the Commission. Discussions between Staff, Commission legal counsel, DWM legal counsel, DWM technical staff determined that the DWM legal staff had improperly assigned responsibility to DWC to which DWM technical staff has now taken the lead. DWC staff, in order to protect the Commission's interests in protecting the tunnel as a critical asset, engaged Delve Underground, as tunnel subject matter experts, to engage with DWM technical staff and the site developer to investigate, observe and report to DWC staff. R-10-26 appears on the agenda to approve a master agreement with Jacobs Associates dba Delve Underground and to ratify Task Order No. 01 at a cost not-to-exceed \$30,000.

Manager of Water Operations Bostick reported on the events of Tuesday January 6th, when the Lexington Pump Station (LXPS) experienced a complete system shutdown of the pumping of water to the DuPage Pumping Station where DWC Staff collaborated with LXPS Staff throughout in efforts to expedite the restoration of service. Manager of Water Operations Bostick reported that the City staff are continuing to troubleshoot the failure and work towards implementing a permanent solution.

Regarding the alternate water source initiative, Water Operations Bostick advised the Committee that the Technical Advisory Team; Consor, Woolpert and Raftelis, continue their tasks and will provide a status report during the regular Commission meeting.

Manager of Water Operations Bostick reported that Staff has been engaged with the Illinois Department of Transportation (IDOT) regarding their proposed IL-56 Butterfield Road improvement project since January 2025 with the intention to identify the impacts to the DWC 54" Southwest Transmission Main which resides in the right-of-way. Staff received sufficient information regarding the proposed work on November 20, 2025, where the contractor indicated an intention to perform horizontal pipe-ramming for a proposed ComEd duct bank in very close proximity to the DWC main (and under the East Branch of the DuPage River) and add additional earth loading directly above the DWC main. Staff had expressed concerns over the vibration of the proposed pipe-ramming means and methods and its direct effect on the DWC main. DWC staff, in order to protect the Commission's interests in protecting the Southwest Transmission Main as a critical asset, engaged Delve Underground, as a tunneling subject matter experts, to engage with Staff, IDOT, ComEd and Intern (a ComEd contractor), where discussions of an alternative method of open cutting the East Branch of the DuPage River are being held with all affected parties including the Army Corp of Engineers, DuPage County Stormwater and various other affected parties. R-10-26 appears on the agenda to ratify Task Order No. 02 at a cost not-to-exceed \$30,000. In a separate but related issue, Resolution R-3-26 appears on the agenda to approve and ratify Work Authorization Order No. 13.005 to Quick Response Electrical Contractor McWilliams Electric Co., Inc. WAO No. 13.005 was approved in advance to repair three conduits connecting the Remotely Operated Valve 8A control junction cabinet to the valve vault in the Village of Downers Grove. These conduits were damaged by a sewer contractor excavation also working on the IL-56 IDOT roadway improvement project. Manager of Water Operations Bostick reported that staff will be seeking repayment for QRE and DWC services and materials used to complete the repairs.

Manager of Water Operations Bostick advised the Committee that Resolution R-2-26 appears on agenda seeking approval of Work Authorization Order No. 13.006 to Quick Response Contractor Benchmark Construction Co., Inc. Construction Co. Inc. to replace a steel meter station header pipe with ductile iron pipe. Manager of Water Operations Bostick reported that the steel pipe header installed in 1989, along with 29 other meter station sites, have been identified as potential corrosion issues due to dissimilar metals touching where additional investigation is necessary and the potential of additional future replacements with ductile iron pipe exists.

Manager of Water Operations Bostick advised the Committee that Resolution R-1-26 appears on agenda seeking approval of Task Order No. 01 with GWV Engineers, as an indeterminate need task order, not-to-exceed \$20,000 per assignment.

Manager of Water Operations Bostick advised the Committee that the SCADA project is ongoing and Commission staff are working through communication testing at remote sites. Manager of Water

Operations Bostick reported that Commission staff will be bringing a change order in spring to modify the completion date of the project.

Engineering Manager Loster informed the Committee that design work of the joint metering and pressure adjusting station for the Village of Lombard's fifth connection point, being performed by AECOM, is nearly complete with permitting activities currently underway.

Regarding Resolution R-4-26, Engineering Manager Loster stated that staff is seeking the authorization of a Master Services Agreement and Task Order No. 01 with V3 Engineering to complete traffic control planning efforts associated with the Commission's remote facility locations.

Regarding the WaterLink Project, Engineering Manager Loster shared that the phase II effort continues to near completion and is approximately 95% complete at this time. He advised the Committee that the permit submittal and resubmittal effort is ongoing and will continue to be for the foreseeable future.

Engineering Manager Loster noted that there are two easement acquisition ordinances on the agenda, O-1-26 and O-2-26, the details of which will be discussed during closed session.

Engineering Manager Loster also stated that coordination with ComEd continues, and staff hopes to have completed related efforts with an approved License at the February Board meeting.

Due to ComEd soil management requirements, Engineering Manager Loster noted that Resolution R-5-26 would approve Task Order No. 03 with Arcadis US to serve as the Commission's Engineering Consultant of Choice to help direct soil management activities on all ComEd properties throughout the construction duration of the WaterLink Project. He also noted that the work proposed within R-5-26 is a preliminary effort, with more substantial work likely to be proposed for approval at a future meeting.

Regarding the Book Road portion of the WaterLink Project, Engineering Manager Loster shared that the construction phase has begun, with the tunneling effort under 75th Street having been completed earlier in the day. He noted that the connection into the existing Commission pipeline is currently scheduled for mid-March.

Engineering Manager Loster stated that construction on the following two WaterLink sections "2A" and "2B", awarded to Airy's, Inc. are planned to start in mid-February.

Regarding Resolution R-6-26, Engineering Manager Loster shared that a portion of this task order with Robinson Engineering was previously approved for the Book Road section of WaterLink only. He stated that with the remainder of the pipeline sections starting up quickly in the coming months, R-6-26 seeks to authorize the remainder of the scope so that layout and staking services can proceed as-needed by the contractors.

Engineering Manager Loster noted that Resolutions R-7-26, R-8-26 and R-9-26 seek authorization of construction contract awards for sections "2C", "3A" and "3B" to Airy's, Inc. and a joint venture of Benchmark Construction and D. Construction, respectively. He noted that the recommended awards for sections 2C and 3A are to the second-lowest bidder as the lowest-bids received were accompanied by a list of conditions that rendered them non-conforming.

Engineering Manager Loster also noted that there are two additional sections out to bid, sections 1 and 2 of the 36" portion of the WaterLink Project, with corresponding bid openings scheduled for the first week in February.

Chairman Fennell inquired with the Committee if there were any further questions regarding the action items. Hearing none, Commissioner Saverino moved to recommend approval of items 2 through 11 of the Engineering and Construction Committee portions of the Commission Agenda (Items IV through XIII on the Engineering and Construction Committee Agenda). Seconded by Commissioner Cuzzone and unanimously approved by a Voice Vote.

Chairman Fennell asked the Committee if any other business or other items to be discussed. Hearing none, and with no other items coming before the Committee, Commissioner Noonan moved to adjourn the meeting at 6:30 P.M. Seconded by Commissioner Cuzzone and unanimously approved by a Voice Vote.

BOARD/MINUTES/ENGINEERING/2025/ENG260115.doc



MEMORANDUM

To: Paul May – General Manager

From: Chris Bostick – Manager of Water Operations
Jeff Loster – Manager of Engineering

Mike Weed – Operations & Instrumentation Supervisor
Dariusz Panaszek – Pipeline & Remote Facilities Supervisor
Denis Cuvalo – Systems Engineer and Information Technology Supervisor

Date: 3/12/2026

Subject: Status of Operations, Engineering and Construction

Operations Overview

The Commission's sales for February 2026 totaled 1.9 billion gallons. This represents an average daily demand of 66.9 million gallons per day (MGD), which is lower than February 2025 average day demand of 68.2 MGD. The maximum day demand was 72.9 MGD, which is higher than the February 2025 maximum day demand of 72.6 MGD. The minimum day flow was 62.6 MGD.

The recorded total precipitation for February 2026 was .16 inches compared to 1.7 inches for February 2025.

DuPage Operations & Instrumentation Maintenance and Construction Overview

HLP No. 8 was shipped to Superior Industrial Equipment for Disassembly, Cleaning and Inspection (DCI). The final DCI and repair recommendation report is forthcoming.

Refurbishment of the third of nine cone valves programmed for service at A/C Service and Repair is in process. Estimated refurbishment timeline is 8-10 weeks. R-23-26 appears on the agenda seeking approval of the fourth of nine cone valve refurbishments.

Staff continue to work with CDM Smith and Strand Associates to provide design documents to alleviate the electrical issues with the medium voltage switchgear.

Lexington Operations and Maintenance Overview

The Lexington Pump Station replacement of the pump and motor vibration analysis instrumentation was approved under R-18-26. Equipment is on order and the work is expected to be completed in July.

No Change: Chicago DWM continues troubleshooting their SCADA system deficiencies, may have identified the root cause of the ongoing issues and has provided a draft work plan to DWC staff in efforts to remediate current and future SCADA issues.

Alternate Water Source

The Source Water project continues to move forward with the Draft Comprehensive Plan now completed. Commissioners were provided with a copy of the draft report for review and in-depth discussion. The Comprehensive Plan is intended to serve as the foundational document to guide decisions as the project moves forward, and it includes a significant amount of information regarding the business case, governance considerations, project delivery methodologies, project communication strategies, and case studies for other successful projects.

Several Commissioners have responded to the Chairman with comments regarding prospective governance scenarios. Coordination/steering meetings have been scheduled with NSMJAWA and Glencoe to continue to advance the project, with a focus on governance and shared objectives.

R-15-26 appears on the agenda seeking approval of the 2nd Amendment to Task Order No. 01 with Consor/Raftelis to continue with professional services related to the Source Water project.

Pipeline & Remote Facilities Maintenance Overview

Pipeline and Remote Facilities staff continue to inspect Remote Facilities, perform the annual blow-off valve structure inspections, and perform maintenance and repairs on corrosion protection system installed on DWC the transmission and distribution systems.

The performance of corrective work by contract at various roadway utility structures throughout the transmission and distribution system is temporarily halted due to winter.

Pipeline staff continue closely monitoring I-294 (SB) Tollway construction work in the vicinity of the Commission's 72-inch and 90-inch water mains and construction work along Butterfield Road between Highland Avenue and Park Blvd in the vicinity of the Commission's 54-inch water main.

Resolution R-24-26 appears on the agenda to approve and ratify Work Authorization Order No. 13.007 to Quick Response Contractor, Benchmark Construction Co., Inc. The work was necessary to investigate a potential leak in a 30-inch diameter steel water main located in the City of Naperville.

SCADA & Information Technology Overview

The SCADA Replacement Project (Contract PSD-9/21) is ongoing. This spring, Commission staff will be bringing Change Order No. 7 to the board for design changes, additional efforts, and credits in the project, as well as a request to modify the completion date of the project, which was originally set for May 31, 2026. The intention would be to extend the project schedule due to multiple factors that were faced during the integration process. Factors include delays to various control panel components that were affected by the supply chain issues, delays due to various integration testing that extended past the original expectation, and delays due to communication backhaul upgrading and configuration that took more effort and time than originally anticipated.

Though the project completion date is looking to be extended, the project is currently and is anticipated to remain under budget. Work has fully transitioned to RTU replacements at remote sites and will be continuing to the completion of the project. Additional tasks such as the campus fiber upgrade and security upgrades are underway starting this month and will continue into April.

The annual Customer Meter Testing Program is ongoing and is 100% complete and reflects an overall meter accuracy of 99.89% for the 213 meters in service as tested. A total of three meters, of the 213 meters experienced errors outside of the contractual limits of 98% to 102% accuracy.

Engineering & Capital Improvement Program Overview

Design of a Joint Facility (Metering Station and Pressure Adjusting Station) at Lombard's fifth connection location has been completed. Permit applications with the IEPA, IDOT, etc. have been submitted. Initial cost proposals received by Lombard have come in higher than anticipated and, as a result, value engineering efforts are currently underway in an effort to realize cost savings.

Staff continue to work with V3 with regards to traffic control engineering at specific Commission remote sites. The first batch of 26 locations have been identified, with initial efforts consisting of site evaluation, determination of any Authorities Having Jurisdiction, and what, if any, permits are required for traffic control setup. Base maps have also been established for each site. Draft exhibits for all 26 locations are expected to be submitted for staff review later this month.

WaterLink Communities (Montgomery/Oswego/Yorkville)

The Phase II engineering effort remains ongoing and is approximately 98% complete. Permit submittals continue to be coordinated, with all review comments assessed and incorporated as necessary into the project drawings by the design team. Coordination with ComEd continues to move forward with all review comments having been addressed and no further requirements to be addressed for the License Agreement to be approved.

Efforts related to easement acquisition also continue, with several related ordinances appearing on the agenda. These items include necessary property acquisition (easements) required in order to complete the construction of the WaterLink Pipeline.

Resolution R-25-26 appears on the agenda seeking approval of the First Amendment to Task Order No. 03 with Lockwood, Andrews & Newnam, Inc. (LAN) with respect to the ongoing Phase II Engineering effort. The original contract for Phase II Engineering was approved in March 2024 and is nearing completion. However, as the design of the project has evolved over the course of the past two years, portions of the design work have had to be revised in an effort to minimize construction conflicts and/or costs. While this change order is significant in cost, it is expected to generate construction savings of over \$10,000,000.

Construction on the Book Road section remains underway, with trenchless casing pipe installed at three locations and more than 400' of watermain installed. The connection into the Commission's existing distribution network is anticipated to take place in April. Construction on the subsequent contracts are expected to begin within the next 4-6 weeks, most of which will be taking place within the ComEd corridor.

Preconstruction meetings were recently held for Section 1 (Bolder Contractors.) and Section 2 (Benchmark and D. Construction) of the 36" feeder main. These Contractors have not yet shared a specific schedule, however, both have indicated that they look to begin construction later this summer.

Bid advertisements scheduled during the month of March include the Meter Station package, as well as the final portion of the 54" transmission main (Section 3C) and the 16"-24" feeder main (Section 4) with contract awards for these sections tentatively scheduled for the April and/or May Board meetings.

Board Action Items

- Resolution R-15-25:** Approval of Amendment #2 to Task Order #1 of a Master Services Agreement with Consor/Raftelis for Professional Services as Source Water Project Technical Advisor **(Cost Increase of \$297,700)**
- Resolution R-23-26:** A Resolution Authorizing High-Lift Pump Control Valve Repair Services from a Sole Source Provider **(A/C Service and Repair – Estimated Expense of \$150,000)**
- Resolution R-24-26:** A Resolution to Approve & Ratify Certain Work Authorization Orders Under Quick Response Contract QR-13/25 **(WAO No. 007 – Benchmark Construction Co., Inc. – Estimated Cost of \$60,000)**
- Resolution R-25-26:** A Resolution Approving and Ratifying the First Amendment to Task Order No. 03 for the Phase II Engineering Contract of the WaterLink Pipeline Project **(Lockwood, Andrews & Newnam, Inc. –\$1,022,300)**

Attachments

1. DuPage Laboratory Bench Sheets for February 2026
2. Water Sales Analysis 01-May-2020 to 28-February-2026
3. WaterLink Status Report
4. Alternate Water Source Report

DU PAGE WATER COMMISSION
WATER SALES ANALYSIS

01-May-92 TO 28-Feb-26

PER DAY AVERAGE 77,711,201

MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC OPER. & MAINT. RATE (3)	CHGO RATE
May-22	2,276,513,000	2,344,221,635	97.11%	\$11,792,337.34	\$9,648,816.25	5,698,667	0.24%	97.35%	\$5.18	\$4.116
Jun-22	2,682,480,000	2,772,533,130	96.75%	\$13,895,246.40	\$11,982,888.19	690,925	0.02%	96.78%	\$5.18	\$4.322
Jul-22	2,804,661,000	2,892,532,635	96.96%	\$14,528,143.98	\$12,501,526.05	883,858	0.03%	96.99%	\$5.18	\$4.322
Aug-22	2,688,224,000	2,772,533,130	96.96%	\$13,925,000.32	\$11,982,888.19	906,806	0.03%	96.99%	\$5.18	\$4.322
Sep-22	2,415,535,000	2,474,643,822	97.61%	\$12,512,471.30	\$10,695,410.60	1,021,063	0.04%	97.65%	\$5.18	\$4.322
Oct-22	2,153,410,000	2,220,050,683	97.00%	\$11,154,663.80	\$9,595,059.05	2,891,786	0.13%	97.13%	\$5.18	\$4.322
Nov-22	1,919,552,000	1,979,550,491	96.97%	\$9,943,279.36	\$8,555,617.22	1,008,092	0.05%	97.02%	\$5.18	\$4.322
Dec-22	2,071,113,000	2,123,449,660	97.54%	\$10,728,365.34	\$9,177,549.43	552,389	0.03%	97.56%	\$5.18	\$4.322
Jan-23	2,014,750,000	2,060,255,805	97.79%	\$10,436,405.00	\$8,904,425.59	337,423	0.02%	97.81%	\$5.18	\$4.322
Feb-23	1,835,597,000	1,883,158,917	97.47%	\$9,508,392.46	\$8,139,012.84	529,206	0.03%	97.50%	\$5.18	\$4.322
Mar-23	1,971,974,000	2,026,257,691	97.32%	\$10,214,825.32	\$8,757,453.41	306,690	0.02%	97.34%	\$5.18	\$4.322
Apr-23	1,962,197,000	2,010,451,747	97.60%	\$10,164,180.46	\$8,689,172.45	349,596	0.02%	97.62%	\$5.18	\$4.322
May-23	2,474,377,000	2,540,440,833	97.40%	\$13,336,892.03	\$10,979,785.28	684,441	0.03%	97.43%	\$5.39	\$4.322
Jun-23	2,971,436,000	3,043,540,086	97.63%	\$16,016,040.04	\$13,814,628.45	678,930	0.02%	97.65%	\$5.39	\$4.539
Jul-23	2,567,425,000	2,639,887,376	97.26%	\$13,838,420.75	\$11,982,448.80	1,047,600	0.04%	97.29%	\$5.39	\$4.539
Aug-23	2,708,945,000	2,773,069,509	97.69%	\$14,601,213.55	\$12,586,962.50	832,992	0.03%	97.72%	\$5.39	\$4.539
Sep-23	2,406,858,000	2,471,708,096	97.38%	\$12,972,964.62	\$11,219,083.05	753,904	0.03%	97.41%	\$5.39	\$4.539
Oct-23	2,071,291,000	2,116,545,770	97.86%	\$11,164,258.49	\$9,607,001.25	1,034,131	0.05%	97.91%	\$5.39	\$4.539
Nov-23	1,902,725,000	1,957,768,374	97.19%	\$10,255,687.75	\$8,886,310.65	809,342	0.04%	97.23%	\$5.39	\$4.539
Dec-23	1,972,754,000	2,031,158,416	97.12%	\$10,633,144.06	\$9,219,428.05	2,329,064	0.11%	97.24%	\$5.39	\$4.539
Jan-24	2,058,390,000	2,131,445,175	96.57%	\$11,094,722.10	\$9,674,663.60	730,427	0.03%	96.61%	\$5.39	\$4.539
Feb-24	1,868,175,000	1,916,869,806	97.46%	\$10,069,463.25	\$8,700,672.05	268,834	0.01%	97.47%	\$5.39	\$4.539
Mar-24	1,927,795,000	1,971,770,225	97.77%	\$10,390,815.05	\$8,949,831.10	340,529	0.02%	97.79%	\$5.39	\$4.539
Apr-24	1,951,120,000	1,992,959,991	97.90%	\$10,516,536.80	\$9,046,045.40	426,636	0.02%	97.92%	\$5.39	\$4.539
May-24	2,285,252,000	2,331,031,384	98.04%	\$12,751,706.16	\$10,580,551.45	964,148	0.04%	98.08%	\$5.58	\$4.539
Jun-24	2,558,136,000	2,613,555,125	97.88%	\$14,274,398.88	\$12,265,414.20	669,121	0.03%	97.91%	\$5.58	\$4.693
Jul-24	2,577,734,000	2,637,750,416	97.72%	\$14,383,755.72	\$12,378,962.70	5,976,667	0.23%	97.95%	\$5.58	\$4.693
Aug-24	2,723,982,000	2,791,119,391	97.59%	\$15,199,819.56	\$13,098,723.30	5,570,100	0.20%	97.79%	\$5.58	\$4.693
Sep-24	2,607,811,000	2,668,243,213	97.74%	\$14,551,585.38	\$12,522,063.40	887,220	0.03%	97.77%	\$5.58	\$4.693
Oct-24	2,256,800,000	2,311,304,709	97.64%	\$12,592,944.00	\$10,846,953.00	715,430	0.03%	97.67%	\$5.58	\$4.693
Nov-24	1,872,414,000	1,918,174,238	97.61%	\$10,448,070.12	\$9,001,956.60	517,416	0.03%	97.64%	\$5.58	\$4.693
Dec-24	2,003,025,000	2,053,944,598	97.52%	\$11,176,879.50	\$9,639,162.00	465,013	0.02%	97.54%	\$5.58	\$4.693
Jan-25	2,084,797,000	2,142,229,363	97.32%	\$11,633,167.26	\$10,053,482.40	295,500	0.01%	97.33%	\$5.58	\$4.693
Feb-25	1,882,269,000	1,935,765,374	97.24%	\$10,503,061.00	\$9,084,546.90	225,910	0.01%	97.25%	\$5.58	\$4.693
Mar-25	1,991,703,000	2,037,452,909	97.75%	\$11,113,702.74	\$9,561,766.50	307,123	0.02%	97.77%	\$5.58	\$4.693
Apr-25	2,007,784,000	2,062,448,476	97.35%	\$11,203,434.72	\$9,679,070.70	4,167,787	0.20%	97.55%	\$5.58	\$4.693
May-25	2,375,691,000	2,438,182,271	97.44%	\$13,779,007.80	\$11,442,389.40	864,737	0.04%	97.47%	\$5.80	\$4.693
Jun-25	2,581,750,000	2,650,830,953	97.39%	\$14,974,150.00	\$12,938,705.88	1,033,008	0.04%	97.43%	\$5.80	\$4.881
Jul-25	2,657,585,000	2,731,622,698	97.29%	\$15,413,993.00	\$13,333,050.39	779,447	0.03%	97.32%	\$5.80	\$4.881
Aug-25	2,585,750,000	2,649,626,669	97.59%	\$14,997,350.00	\$12,932,827.77	940,653	0.04%	97.62%	\$5.80	\$4.881
Sep-25	2,474,431,000	2,542,535,157	97.32%	\$14,351,699.80	\$12,410,114.10	3,791,192	0.15%	97.47%	\$5.80	\$4.881
Oct-25	2,235,209,000	2,282,050,781	97.95%	\$12,964,212.20	\$11,138,689.86	760,583	0.03%	97.98%	\$5.80	\$4.881
Nov-25	1,921,845,000	1,964,172,176	97.85%	\$11,146,701.00	\$9,587,124.39	499,812	0.03%	97.87%	\$5.80	\$4.881
Dec-25	2,083,561,000	2,137,963,067	97.46%	\$12,084,653.80	\$10,435,397.73	416,706	0.02%	97.47%	\$5.80	\$4.881
Jan-26	2,091,449,000	2,147,664,659	97.38%	\$12,130,404.20	\$10,482,751.20	585,634	0.03%	97.41%	\$5.80	\$4.881
Feb-26	1,906,592,000	1,953,475,741	97.60%	\$11,058,233.60	\$9,534,915.09	385,924	0.02%	97.62%	\$5.80	\$4.881
TOTALS (1)	960,277,308,798	987,750,183,015	97.22%	\$2,570,013,929.20	\$2,263,047,218.36	902,328,101	0.09%	97.31%	\$2.68	\$2.291

- (1) - SINCE MAY 1, 1992
- (2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE
- (3) - DOES NOT INCLUDE FIXED COST PAYMENTS

YTD										
Feb-25	22,852,220,000	23,403,117,811	97.65%	127,515,388	109,471,818				\$5.58	\$4.678
Feb-26	22,913,863,000	23,498,124,172	97.51%	132,900,405	114,235,966				\$5.80	\$4.861
	61,643,000	95,006,361		\$5,385,018	\$4,764,148					
	0.3%	0.4%		4.2%	4.4%					
Month										
Feb-25	1,882,269,000	1,935,765,374	97.24%	10,503,061	9,084,547				\$5.58	\$4.693
Feb-26	1,906,592,000	1,953,475,741	97.60%	11,058,234	9,534,915				\$5.80	\$4.881
	24,323,000	17,710,367		\$555,173	\$450,368					
	1.3%	0.9%		5.3%	5.0%					
Feb>Jan	(184,857,000)	(194,188,918)		(1,072,171)	(947,836)					



DUPAGE WATER COMMISSION
 PWS FACILITY ID# - IL435400
 MONTHLY OPERATIONS REPORT
 FEBRUARY 2026

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET RESULTS

DATE	CHICAGO SUPPLY				DUPAGE DISCHARGE						
	FREE Cl ₂ (mg/L)	TURBIDITY (ntu)	O-PO ₄ (mg/L)	POWDER ACTIVATED CARBON ADDED (LBS/MG)	FREE Cl ₂ (mg/L)	TURBIDITY (ntu)	TEMP (°F)	pH	Fluoride (mg/L)	O-PO ₄ (mg/L)	ANALYST INT.
1	1.41	0.07	1.98	0.00	1.4	0.10	51	7.4	0.7	2.08	RC
2	1.5	0.06	2.17	0.00	1.29	0.11	56	7.4	0.7	2.13	KD
3	1.35	0.09	2.21	0.00	1.4	0.11	56	7.4	0.7	2.18	KD
4	1.37	0.07	2.18	0.00	1.4	0.08	54	7.4	0.7	2.17	RC
5	1.43	0.05	2.23	0.00	1.42	0.08	56	7.4	0.7	2.24	RC
6	1.37	0.07	2.29	0.00	1.37	0.06	56	7.4	0.7	2.21	RC
7	1.43	0.08	2.21	0.00	1.41	0.10	56	7.4	0.7	2.22	AM
8	1.52	0.06	2.14	0.00	1.48	0.07	54	7.5	0.7	2.18	AM
9	1.34	0.05	2.12	0.00	1.41	0.12	49	7.5	0.7	2.14	AM
10	1.44	0.05	2.22	0.00	1.38	0.06	48	7.4	0.7	2.16	RC
11	1.39	0.06	2.17	0.00	1.46	0.09	46	7.5	0.7	2.19	AM
12	1.45	0.07	2.20	0.00	1.45	0.10	46	7.5	0.7	2.10	AM
13	1.45	0.07	2.23	0.00	1.37	0.08	46	7.6	0.7	2.14	AM
14	1.45	0.06	2.25	0.00	1.42	0.06	47	7.6	0.7	2.18	JS
15	1.38	0.06	2.20	0.00	1.36	0.08	48	7.5	0.7	2.12	JS
16	1.41	0.08	2.17	0.00	1.28	0.08	47	7.6	0.7	2.09	AM
17	1.49	0.08	2.14	0.00	1.31	0.06	46	7.5	0.7	2.11	AM
18	1.33	0.05	2.18	0.00	1.31	0.06	48	7.5	0.7	2.20	JS
19	1.46	0.05	2.20	0.00	1.4	0.06	49	7.5	0.6	2.21	JS
20	1.43	0.06	2.20	0.00	1.43	0.07	50	7.5	0.7	2.19	JS
21	1.4	0.08	2.02	0.00	1.38	0.07	53	7.5	0.7	2.22	AM
22	1.48	0.06	2.13	0.00	1.31	0.08	50	7.6	0.7	2.10	AM
23	1.34	0.06	2.14	0.00	1.24	0.09	52	7.5	0.7	2.11	JS
24	1.44	0.07	2.11	0.00	1.4	0.07	52	7.5	0.7	2.06	JS
25	1.38	0.07	2.02	0.00	1.45	0.09	49	7.6	0.7	1.44	AM
26	1.51	0.06	1.46	0.00	1.43	0.11	46	7.5	0.7	1.38	AM
27	1.55	0.05	1.60	0.00	1.4	0.10	46	7.6	0.7	1.48	AM
28	1.46	0.06	1.47	0.00	1.43	0.08	49	7.5	0.7	1.36	JS
29											
30											
31											
AVG.	1.43	0.06	2.09	0.00	1.39	0.08	50.21	7.49	0.70	2.05	
MAX.	1.55	0.09	2.29	0.00	1.48	0.12	56.00	7.60	0.70	2.24	
MIN.	1.33	0.05	1.46	0.00	1.24	0.06	46.00	7.40	0.60	1.36	

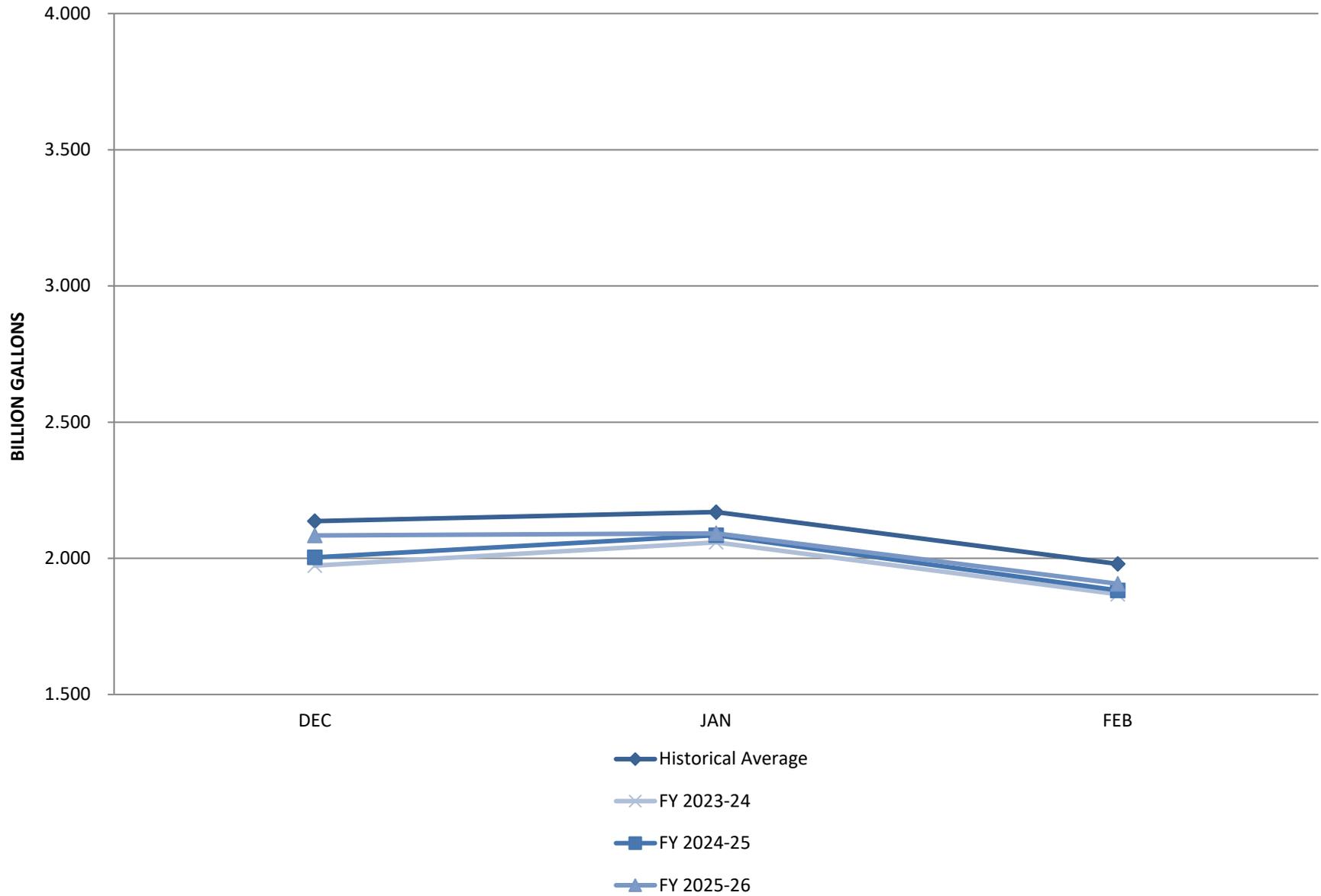
[Redacted Signature]

Ross C. Bostick, Manager of Water Operations
 ROINC - Certification No. 194171377

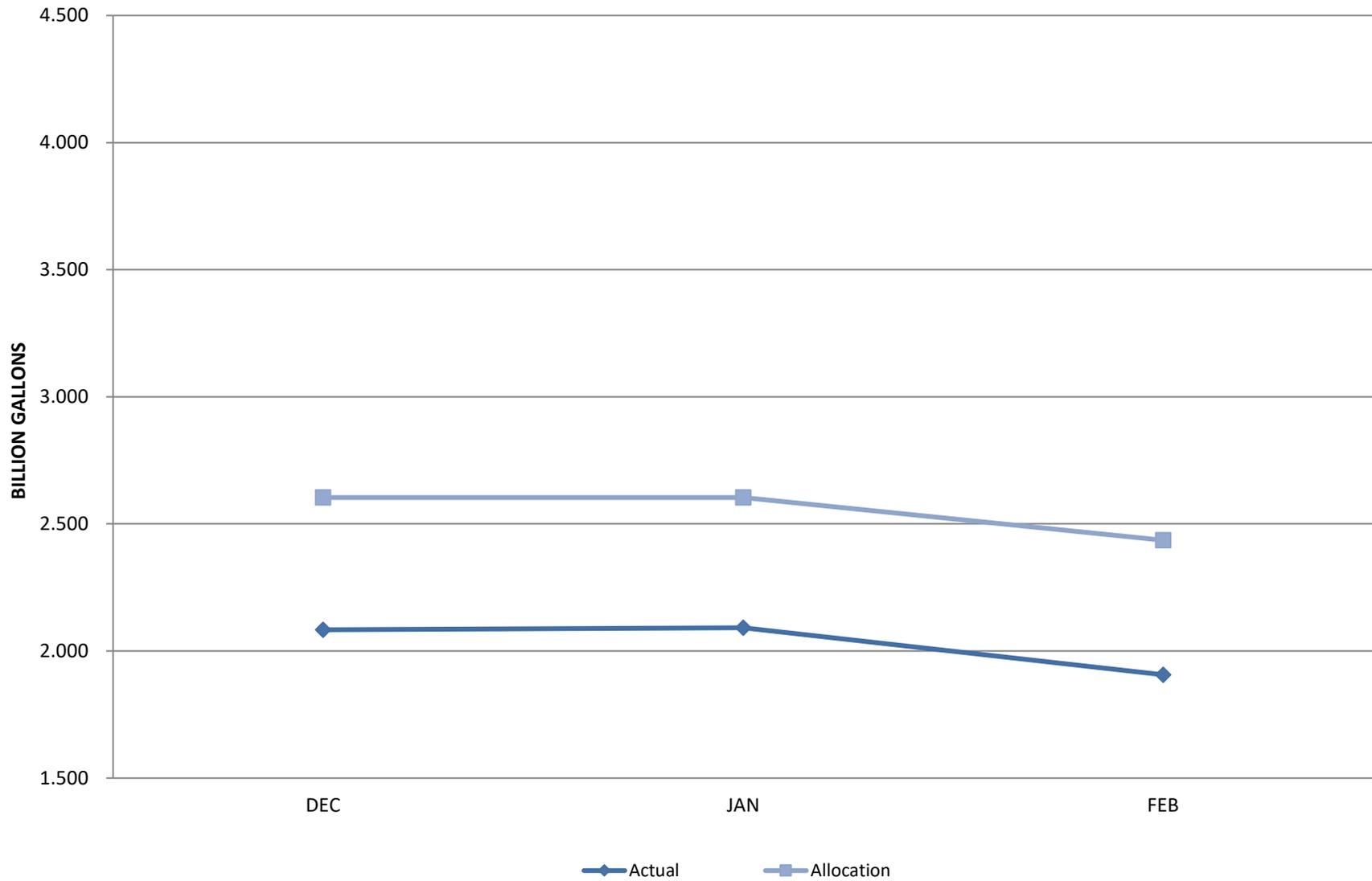
3/9/2026

Date

DU PAGE WATER COMMISSION SALES FY 2025-26, 2024-25 & 2023-24 VS. HISTORICAL AVERAGE



DU PAGE WATER COMMISSION SALES FY 2025-26 VS. ALLOCATION





MONTHLY STATUS REPORT

LAN PROJECT #: 128-10031-001

PROJECT: DuPage Water Commission WaterLink Extension Phase II

REPORT DATE: March 9, 2026

MEETING DATE: March 19, 2026

I. Progress through March 19, 2026

- A. Field data collection and surveying complete.
 - 1. Final cadastral surveying work complete.
 - 2. Existing structure rim/invert data collection complete.
 - 3. Processing of collected Aerial LIDAR data is complete. Additional LIDAR processing for Fox River area and Polo Crossing re-routes is complete.
 - 4. Subsurface Utility Locates
 - a) SUE field activities completed.
 - b) Scope of additional SUE and potholing for Fox River re-route TBD
 - c) Over 440 potholes completed. Work along ComEd corridors 100% complete.
 - 5. Geotechnical
 - a) Total of 203 borings (99%) completed to date in Phase 2 through February '26.
 - b) Additional geotechnical borings for Fox River re-route completed in January – report expected mid-March.
 - c) Only remaining borings along US 30 / Hill Rd pending IDOT permit
 - 6. Cathodic Protection
 - a) Soil resistivity testing along project routes complete for cathodic protection design.
 - b) Final field data report provided for all segments.
- B. Data Collection (as-builts, GIS, design drawings).
 - 1. Complete





MONTHLY STATUS REPORT

C. Ongoing Coordination with ComEd.

1. Draft license agreement sent to DWC for review.
 - a) Negotiations ongoing between DWC and ComEd Real Estate group on license agreement terms.
2. Final pipeline alignment has received ComEd approval.
 - a) Final drawing submittal made to close out ComEd technical review.
 - b) Conditional approval in progress.

D. Land Acquisition

1. 245 of 246 Titles Received (99%). One more to be added north of proposed pumps station site
2. Easement legal descriptions & exhibits
 - a) 188 total prepared to date
 - b) 74 Appraisal Packages and 84 property negotiations underway. 4 closings completed.
 - c) Naperville Park District negotiations ongoing

E. Contract TW-6 Section 1 (Book Rd)

1. Construction ongoing.

F. Contract TW-6 Section 2A & 2B

1. Pre-construction meeting held 12/17/25.
2. Pre-construction work (i.e. shop drawing submittals) ongoing.
3. Construction start pending ComEd final approval and license agreements.
4. Permit applications/reviews
 - a) Ongoing coordination with Naperville Park District regarding construction in Frontier Park.
 - b) Construction Permit received from IEPA.
 - c) USACE provided No Permit Required (NPR) letter on 11/7/25.
 - d) US Fish and Wildlife approved (tree clearing restriction 4/1 – 9/1)

G. Contract TW-6 Section 2C, 3A & 3B

1. Pre-construction meeting held 2/6/26.
2. Permit applications / design submittals prepared for various agencies, including IDOT, railroads, and local municipalities.
 - a) Private Gas Pipeline Companies (four total) – Approved





MONTHLY STATUS REPORT

- b) CN / Wisconsin Central Railroad Permit submittal – Pending final License Agreement
 - c) City of Aurora and Wheatland Township – Comments Received
 - d) IDOT District 1 and District plan review applications submitted.
 - 1) IDOT D1 – no comments. Contractor will need to submit bonds in accordance with IDOT response letter.
 - 2) IDOT D3 – review in progress.
 - e) Construction Permit received from IEPA.
 - f) US Fish and Wildlife (tree clearing restriction 4/1 – 9/1)
- H. Contract TW-6 Section 3C (Fox River Realignment)
- 1. Final alignment pending completion of field work, utility data collection, and geotechnical work.
 - 2. Additional wetlands delineation and environmental surveys are required, including updates to various environmental reports.
 - 3. Permit applications / design submittals are being prepared for various agencies, including IDOT and railroads.
 - a) Permit application to BNSF Railroad has been submitted.
 - 1) BNSF Railroad returned comments and resubmittal made on 6/2/25.
 - b) Permit application to OmniTrax/Illinois Railway has been submitted.
 - 1) OmniTrax returned comments on 6/23/25 requesting additional documents. Ongoing coordination to provide Certificate of Insurance from DWC. Draft license agreement received for review.
 - 2) Resubmittal will be required upon completion of Fox River realignment design and final railroad crossing location.
 - c) Construction permit received from IEPA.
 - 1) A supplemental IEPA construction permit application will need to be made based on the realignment of this section.
 - d) US Fish and Wildlife
 - 1) Provided a tree clearing restriction from April 1 – September 30. Requirements will be added to the plans/specs. Exceptions can be requested on a case-by-case basis. USFWS will likely require a survey of trees to be removed by exception to ensure no bats are living in the tree. Likelihood of exception being granted increases further from Fox River.





MONTHLY STATUS REPORT

I. Contract FW-1 Section 1 & 2

1. Project advertised for bids 12/29/25.
2. Pre-bid meeting scheduled for 01/13/26.
3. Bids received 02/03/26 and 02/05/26. Bid tabulations completed 2/9.
4. Contract awards: Bolder Section 1, Benchmark/D Construction Section 2.
5. Pre-construction meetings scheduled for 3/11/26.

J. Contract FW-1 Section 3

1. Water transmission main plan and profile design ongoing.
 - a) 100% Submittal drawings in progress.
2. Ongoing coordination with IDOT District 3 on IL Route 71 project overlap.
3. IDOT District 3 comments received in June 2025.
 - a) Meeting occurred Monday 8/11/25 with IDOT District 3 to discuss comments.
 - b) The most pressing comment is the direction that work cannot proceed until the Route 71 widening project is complete in Spring 2027. Further discussion with IDOT needed.
 - c) Engineering team preparing comment disposition and coordination meeting with IDOT will be held in the near future.

K. Contract FW-1 Section 4

1. 100% Submittal drawings in progress.
2. IEPA and Kendall County permit submittals in progress.
3. Permit submittal made to BNSF Railroad on 4/9/25.
 - a) Resubmittal to address comments made on 6/2/25.
 - b) DWC reviewing draft license agreement.





MONTHLY STATUS REPORT

L. Contract MS-22 Meter Stations

1. Design ongoing.
 - a) 100% Submittal drawings sent to DWC 2/9/26.
 - b) Design review meeting held 3/4/26.
 - c) Final updates underway.
2. Montgomery requested the building permit applications for meter stations be prioritized.
3. New relocated/updated site plan for chemical feed building based on newly identified site.

II. Scope Changes – Phase II (to date)

- A. Design of Additional Architectural Treatments for WaterLink Meter Stations.
 1. Fee: Pending (submitted to DWC for review/approval).
- B. ComEd revisions based on numerous required alignment changes, coordination meetings, new comments.
 1. Fee: Pending (submitted to DWC for review/approval).
- C. Fox River Crossing alternate route design – Section 3C
 1. Fee: Pending (submitted to DWC for review/approval).
- D. Permit Fees
 1. Fee: Pending (fees being tracked and submitted w/ invoices).

III. Financials

- A. Total Phase II Contract: \$19,956,942
- B. Phase 1 Rollover Funds: \$492,687
 1. Fee Expended through February 28, 2026:
 - a) Total: \$19,376,586 (97.1%)
 - 1) Basic Services: \$12,496,440 (62.6%)
 - 2) Additional Services: \$6,880,146 (34.5%)





MONTHLY STATUS REPORT

IV. Completed Workshops, Meetings and Visits (February – March)

- A. ComEd Comment Review and Technical Discussion Meetings – Various
- B. Schedule Update Meetings with Burns & McDonnell – Various
- C. FW-1/25 Section 1 & 2 Bid Opening – February 3-5, 2026
- D. TW-6/25 Section 2C, 3A & 3B Pre-Construction Meeting – February 6, 2026.
- E. DWC Monthly Status Meeting – February 19, 2026.

V. Upcoming Tasks & Meetings

- A. Finalize ComEd alignment modifications, including alternate river crossing route.
- B. Weekly Check-In Meetings – Various
- C. Schedule Coordination with Burns & McDonnell – Various
- D. ComEd Coordination Meetings – As Needed
- E. Phase II geotechnical laboratory work – TW-6/25 Section 3C (Fox River Realignment)
- F. Permit submittals to various review agencies.
- G. MS 22/25 Advertisement
- H. TW-6/25 Section 3C Advertisement



Cash Flow/Invoicing Forecast - Phase II Services
DuPage Water Commission
WaterLink Extension
March 2026

Description	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Activity through	Planned	Planned					
	April 26, 2024	May 31, 2024	June 30, 2024	July 31, 2024	August 31, 2024	September 30, 2024	October 31, 2024	November 30, 2024	December 31, 2024	January 31, 2025	February 28, 2025	March 31, 2025	April 30, 2025	May 31, 2025	June 30, 2025	July 31, 2025	August 31, 2025	September 30, 2025	October 31, 2025	November 30, 2025	December 31, 2025	January 31, 2026	February 2026	March 2026
Basic Services	\$ 625,960	\$ 876,344	\$ 980,607	\$ 1,011,525	\$ 994,029	\$ 993,016	\$ 999,176	\$ 1,117,315	\$ 1,116,854	\$ 745,163	\$ 499,762	\$ 498,028	\$ 378,063	\$ 258,692	\$ 254,130	\$ 248,300	\$ 248,197	\$ 248,033	\$ 186,383	\$ 63,579	\$ 64,220	\$ 64,478	\$ 23,671	\$ 23,671
Additional Services	\$ 545,788	\$ 1,126,706	\$ 586,700	\$ 561,317	\$ 594,996	\$ 64,786	\$ 149,871	\$ 438,311	\$ 350,417	\$ 283,233	\$ 83,116	\$ 205,871	\$ 183,722	\$ 253,965	\$ 236,036	\$ 198,526	\$ 203,231	\$ 204,163	\$ 234,542	\$ 187,774	\$ 140,498	\$ 228,591	\$ 296,293	\$ 79,293
MONTHLY SUBTOTAL	\$ 1,171,748	\$ 2,003,050	\$ 1,567,307	\$ 1,572,842	\$ 1,589,025	\$ 1,057,802	\$ 1,149,047	\$ 1,555,626	\$ 1,467,271	\$ 1,028,396	\$ 582,878	\$ 703,899	\$ 561,785	\$ 512,657	\$ 490,166	\$ 446,826	\$ 451,428	\$ 452,196	\$ 420,925	\$ 251,353	\$ 204,717	\$ 293,069	\$ 319,964	\$ 102,964
SUBTOTAL	\$6,314,947				\$5,351,501				\$8,290,495															
IGA ESCROW DEPOSITS	\$7,764,000				\$5,532,000				\$6,660,942															
TOTAL PHASE II CONTRACT																			\$		19,956,942			



Resolution #: R-15-26

Account: 01-60-772500

Approvals: *Author / Manager / Finance / Admin*

PDM - CAP PDM

REQUEST FOR BOARD ACTION

Date: 3/11/2026

Description: **Approval of Amendment #2 to Task Order #1 of a Master Services Agreement with Consor/Raftelis for Professional Services as Source Water Project Technical Advisor**

Agenda Section: Engineering & Construction

Originating Department: Administration

The FY 2025-26 DWC Budget includes \$5M in funding and the proposed FY 2026-27 Budget includes \$20,050,000 to advance the Source Water Project forward to ensure that DuPage County and the surrounding region are provided with the most reliable, efficient, and dependable water system for future generations. DWC has previously studied and validated the concept of the Regional Source Water Project and is now advancing into the next phase, intending ultimately to select a Program Manager(s) - scheduled for 2026 - to bring the project to successful completion prior to the termination of the Chicago Water Purchase Contract in 2041.

DWC has contracted with Consor/Woolpert/Raftelis to perform the Technical Advisor tasks, which cost is 30% reimbursed by NSMJAWA pursuant to a previously approved IGA (R-37-25). To date, the Technical Advisory team has prepared a detailed Comprehensive Plan, Financial Analysis/Business Case study, Governance Study, Communications Plan, Risk Register, and Project Delivery Methodology evaluation; has commenced engagement with utility, permitting, and railroad stakeholders, and has facilitated additional critical work including a bathymetry survey of Lake Michigan in 2025.

Due to the nature of the work, it is not possible to precisely define the tasks which will be necessary to advance the project over a defined schedule; rather, the scope is intended to provide an understanding of the priorities, sequence, and expected level of work associated with known or anticipated tasks. Payment is rendered based upon hours applied and reimbursable costs under Task Order #1, preliminarily established at \$500K (R-41-25), then expanded to \$736,600 under the First Amendment to Task Order #1 (R-84-25).

In the coming months, DWC and prospective partners will be presented with the opportunity to commit to the next steps which are critical to advance the project to provide for successful completion

prior to the end of the Chicago Water Purchase Contract (2041). These activities will include a broad range of tasks to prepare for, analyze, solicit, and select a Program Manager; advance geotechnical evaluation; commence early permitting (NEPA) engagement and coordination; prepare, facilitate, and update an active communications platform; prepare and update a financing strategy and economic assessment.

An updated general scope of anticipated activities is attached which includes categories for anticipated tasks. DWC will pay for services based upon hours expended and reimbursables for individual tasks as they are directed. Future Task Orders will be presented as necessary as the project continues to advance.

Cost Sharing / Reimbursement: These costs are subject to the Intergovernmental Agreement approved by the DWC Board of Commissioners at our April meeting (R-37-25), which establishes a mechanism for DWC to be reimbursed for 30% of the cost of this endeavor by NSMJAWA.

Recommended Motion:

To adopt Resolution R-15-26, authorizing approval of Amendment #2 to Task Order #1 of a Master Services Agreement with Consor/Raftelis to serve as Source Water Technical Advisor in an amount not to exceed \$297,700, which will be 30% reimbursed by NSMJAWA pursuant to the previously approved cost-sharing Intergovernmental Agreement.

DUPAGE WATER COMMISSION

RESOLUTION NO. R-15-26

A RESOLUTION APPROVING A SECOND AMENDMENT TO TASK ORDER NO. 1 UNDER A MASTER CONTRACT WITH CONSOR NORTH AMERICA, INC.

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with Consor North America, Inc. (the "Consultant") to provide, from time to time, professional engineering services in connection with various projects of the Commission (the "Master Contract"); and

WHEREAS, the Master Contract sets forth the terms and conditions pursuant to which the Commission will obtain from time to time, and the Consultant will provide from time to time, professional engineering services for such discrete projects as are delineated and described in Task Orders to be approved by the Commission and the Consultant; and

WHEREAS, pursuant to Resolution No. R-41-25, the Commission approved Task Order No. 1 in the amount of \$500,000 to the Master Contract for Professional Engineering Services for the DuPage Water Commission; and

WHEREAS, pursuant to Resolution No. R-84-25, the Commission approved the First Amendment to Task Order No. 1 in the amount of \$236,600 including the bathymetry survey, to the Master Contract for Professional Engineering Services for the DuPage Water Commission; and

WHEREAS, the Commission and Consultant desire to further amend Task Order No. 1 to the Master Contract to provide additional funds to advance the Regional Source Water Project, and to increase the not-to-exceed cost of the services, the Board of Commissioners of the DuPage Water Commission hereby finding and determining that the changes are germane to the Task Order as signed, and/or the changes are in the best interest of the DuPage Water Commission and authorized by law; and

WHEREAS, the Consultant has been directed to prepare the Second Amendment to Task Order No. 1 attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1 to continue to carry out activities necessary for the advancement of the source water project, in the amount of \$297,700; and

WHEREAS, NSMJAWA has reviewed and concurs to the approval of the Second Amendment, and the obligation to reimburse 30% of the cost in accordance with the Intergovernmental Agreement approved for this purpose as Resolution R-37-25;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: The Second Amendment to Task Order No. 1 attached hereto as Exhibit 1 shall be and hereby is approved.

SECTION THREE: This Resolution shall be in full force and effect from and after its adoption.

	Aye	Nay	Absent	Abstain
Cuzzone, N.				
Fennell, J.				
Greaney, S.				
Honing, A.				
Noonan, T.				
Novotny, D.				
Pruyn, J.				
Romano, K.				
Russo, D.				
Saverino, F.				
Suess, P.				
Van Vooren, D.				
Zay, J.				

ADOPTED THIS _____ DAY OF _____, 2026.

James F. Zay, Chairman

ATTEST:

Danna Mundall, Clerk

Board/Resolutions/2026/R-15-26.docx

EXHIBIT 1

**SECOND AMENDMENT TO
TASK ORDER NO. 1**

Date: March 2, 2026
Project: Lake Michigan Water Supply Initiative
To: Paul May, General Manager, DuPage Water Commission
Ramesh Kanapareddy, Executive Director, NSMJAWA
From: Pete Mulvaney, Consor
Reviewed By: Gregg Hostetler, Consor
Re: Amendment #2 - Technical Advisor Scope and Role

Amendment 1 allowed the recovery of costs for the marine geophysical survey completed by SeaWorks without compromising the intended Comprehensive Plan delivery by January 1, 2026 for the Lake Michigan Water Supply Initiative (Initiative).

With the completion of the INTERIM DRAFT Comprehensive Plan, the following listed activities and tasks are identified as critical next steps to advance the project.

While the general nature of the tasks are known, the level of effort may be variable and is difficult to precisely identify in advance (i.e. level of preliminary regulatory coordination with local, state, and federal agencies-see list below). Therefore, the identified scope includes the level of effort which would typically be anticipated for preliminary tasks. Costs will only be applied against the scope and fee, as directed and as effort is expended.

Amendment 2

The following reflects the anticipated scope of preliminary work and the associated budget. The Technical Advisory Team remains flexible to adjust as needed to suit the Initiative demands. Costs will be incurred as tasks are undertaken, as directed, and as effort is expended. The estimated costs breakdown is as follows:

A2.1 Regulatory Activities \$63,000

Consor will coordinate scheduling and preparation of materials such as maps, reports, schematics, preliminary design computations, and geotechnical and bathymetric information to advance critical regulatory and stakeholder activities, including but not limited to the list below:

- Union Pacific Railroad and proxies
- Army Corps of Engineers (ACOE)
- Commonwealth Edison (ComEd)

- North Shore Water Reclamation District
- MWRDGC
- Cook County (as directed)
- Illinois Tollway
- IDOT
- EPA / IEPA
- DNR / IDNR
- Coordination Meetings, as directed (as directed)
- DWC and NSMJAWA Board meetings, as directed

For some stakeholders, it is anticipated multiple meetings will be required.

A2.2 Business Case Support & Construction Finance Scenarios (Raftelis) \$94,000

As the Initiative advances, it will be necessary to continue to evaluate and update financial models and assumptions and begin engaging additional stakeholders to develop a financial strategy framework, which may include evaluation of different partnership structures, sequencing of financial documents, and consideration of market factors related to bond issues. This item will also include regularly updating and modifying the Risk Register as new and more detailed information becomes available. Costs will be incurred as tasks are undertaken, as directed, and as effort is expended. Anticipated tasks include the following:

- Coordinate selection of Independent Cost Estimator (to be funded separately)
 - Identify pool of qualified firms, assist in drafting appropriate scope, if desired assist in selection process and coordinate cost estimator integration
- Develop scenario plans and alternatives including funding structure
- Assist with bond market evaluation / Financial advisor assessments
- WIFIA introduction meetings; assembly of alternatives, costs, sequencing, rate histories and projections
- Regional Economic Impact Assessment – preparation of computations to establish metrics regarding the beneficial impact of the Source Water Project to the larger regional economy; will become a future component of the communications strategy
- Development of preliminary financial scenarios for consideration by DWC and partners

Raftelis will be a primary lead on this scope of work as a subconsultant to Consor. There is no mark-up on subconsultant work, it is a straight pass through of costs.

A2.3 Project Advancement Activities & Program Manager Selection Support \$88,000

It will be necessary to prepare information and coordination for DWC, NSMJAWA, and partners to solicit and inform the selection of a Program Management firm which will be the lead agent to manage the engineering and construction. While the selection of the Program Manager will be made by staff, there is a significant amount of work necessary to engage the marketplace, prepare RFP solicitation documents, project background data, reports, maps, and conceptual design parameters, and to collect, distribute, and facilitate responses, reviews, and interviews.

The objective of this task is to develop a comprehensive RFP solicitation document and associated resources to attract the most qualified teams from throughout the nation to participate in the selection, so that staff will receive thorough, well-developed, and fully-informed RFP responses to review; and to therefore be provided with outstanding candidate firms from which to select the Program Manager for recommendation to the respective Boards. The below anticipated tasks will commence as directed:

- **Industry Engagement and Scoping:** engage well-qualified engineering and construction firms for feedback regarding supply chain risks, capital cost estimates, schedule uncertainties, contract and construction methodologies and to determine the data and resources necessary to allow applicants to provide the most thorough well-qualified submittal. This includes survey, data sharing, meetings with applicants, and interpretation of responses, as directed.
- **Preparation of Program Manager Solicitation Documents:** including scope of work, summary report, appendixes, attachments, maps, route concepts, target schedule, anticipated stakeholders list, anticipated permit list, financing assumptions, and preliminary design/flow parameters and forecasts
- **Program Manager Screening:** As directed, assist in tabulating preliminary review and a tabletop review workshop to evaluate candidates and generate a shortlist of candidate firms
- **Coordinating Candidate Presentations and Interviews:** As directed, facilitate interview process with shortlisted firms and concomitant tabulation and computation of ratings metrics
- **Vetting Candidate Reputation and Qualifications:** As directed, assist in confirming history and performance of candidate firms and their key personnel, including an evaluation of the performance history of the firm and personnel on recently completed projects similar in scale and complexity

In addition, the Technical Advisors will incorporate feedback into the Draft Comprehensive Plan and provide a Final Comprehensive Plan for board(s) approval.

A2.4 Communications Support **\$47,800**

As directed, assist in the development of communications materials that facilitate, inform, and support stakeholder engagement and legislative processes, as consistent with Chapter 2 of the Interim Draft Comprehensive Plan. As directed, this would include:

- Preparation of communications materials, infographics, media engagement and support tools/materials, along with and tracking of stakeholders along the alignment
- As requested, draft communications and collateral such as policy papers / opinion editorials (i.e. IML, ENR, local media (Tribune, Sun Times, Daily Herald)) for informational support relative to public facing activities such as IML conference, DMMC presentations, Customer meetings, media and press releases, etc.
- As directed, prepare communications collateral to facilitate conversations with federal, state, county, and local government and other regulatory officials
- As directed, prepare communications collateral to facilitate conversations with primary stakeholders such as the railroads, ComEd, private utilities, forest preserve, and private property owners from whom easements or other approvals by be required.
- As directed, prepare communications collateral to facilitate conversations with financial agents including prospective bond counsel, financial advisors, and the investment community.

Expenses **\$5,000**

prints, supplies, travel stipends

TOTAL **\$ 297,700**

**SECOND AMENDMENT TO
TASK ORDER NO. 1**

In accordance with Section 1.1 of the Master Contract between the DuPage Water Commission (“Owner”) and Consor North America, Inc. (“Consultant”), for Professional Engineering Services dated May 21, 2025 (the “Contract”), Owner and Consultant agree to the Second Amendment to Task Order No. 1 to the Regional Source Water Technical Advisor Contract, effective February 19, 2025, as follows:

1. Contract Price:

Section 8, entitled “Contract Price,” of Task Order No. 1 shall be amended to include the following language in its entirety for “DIRECT COST TASK ORDER”:

8. DIRECT COST TASK ORDER:

DIRECT COST TASK ORDER For use with single phase projects or multiple phase projects with uniform pricing: For providing, performing, and completing all Services, an amount equal to Consultant’s Direct Labor Costs times a factor of 3.1 for all Services rendered by principals and employees engaged directly on the Project, plus an amount equal to the actual costs of all Reimbursable Expenses. Notwithstanding the foregoing, the total Contract Price shall not exceed \$736,600, except as adjusted by a Change Order or Amendment issued pursuant to Section 2.1 of the Contract. For use with multiple phase projects with separate pricing: For providing, performing, and completing each phase of Services, an amount equal to Consultant’s Direct Labor Costs times the following factor set forth opposite each such phase, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each phase of Services, the following not to exceed amount set forth opposite each such phase except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract: Phase Direct Labor Cost Factor Not to Exceed / ADVISORY / 3.1 / \$1,034,300.

In all other respects, Task Order No. 1 to the Contract shall remain in full force and effect, and Task No. 1 to the Contract shall be binding on both parties as hereinabove amended.

DuPAGE WATER COMMISSION

BY: _____
Paul D. May, PE
General Manager

CONSOR NORTH AMERICA, INC.

BY: _____



Resolution #: R-23-26

Account: 01-60-771000

Approvals: *Author / Manager / Finance / Admin*

MW RCB CAP PDM

REQUEST FOR BOARD ACTION

Date: 3/12/2026

Description: **A Resolution Authorizing High-Lift Pump Control Valve Repair Services from a Sole Source Provider**

Agenda Section: Engineering & Construction

Originating Department: Operations & Instrumentation

At the time of initial construction circa 1988, each of the nine DuPage Pump Station (DPPS) High-Lift Pumps (HLP) were equipped with an identical 30-inch Allis-Chalmers hydraulically operated cone style valve to develop and regulate necessary pumping discharge head pressure when initiating operator start-up command to an HLP.

Each of the nine identical cone valves has been operating since 1990 and are due for refurbishment. Previously, under R-2-24, R-68-25, and R-90-25, the Board authorized three of nine programmed cone valve refurbishments. Staff are now seeking authorization, under R-23-26, the fourth of nine such cone valve refurbishments at an estimated expense of \$150,000. This expense is included in the approved FY-25/26 Management Budget and the proposed FY-26/27 Management Budget.

Allis-Chalmers ceased valve operation in 1999 and American Cone Valve, Inc. – A/C Service and Repair, Inc. has assumed the role of being sole authorized vendor for service and repair of Allis-Chalmers Cone Valves in North America.

The costs to remove and reinsert the valves will fall under the existing Heavy Machinery and Rigging Contract with Mecon Industries, Inc.

Recommended Motion: To approve Resolution No. R-23-26

DuPAGE WATER COMMISSION

RESOLUTION NO. R-23-26

A RESOLUTION AUTHORIZING THE GENERAL MANAGER TO PURCHASE REFURBISHMENT SERVICES FOR A HIGH-LIFT PUMP CONTROL VALVE FROM SOLE SOURCE PROVIDERS

WHEREAS, the Commission was formed and exists pursuant to the Water Commission Act of 1985, 70 ILCS 3720/0.01 et seq., and Division 135 of Article 11 of the Illinois Municipal Code, 65 ILCS 5/11-135-1 et seq., for the purpose of securing an adequate source and supply of water for its customers; and

WHEREAS, American Cone Valve is the Sole Source Provider of the existing Hydraulically Activated High-Lift Pump Control Valves at the DuPage Pumping Station; and

WHEREAS, A/C Service and Repair is the Sole Source Service Provider for the existing Hydraulically Activated High-Lift Pump Control Valves at the DuPage Pumping Station; and

WHEREAS the Commission desires to purchase Refurbishment Services for the existing Hydraulically Activated High-Lift Pump Control Valves from A/C Service and Repair; and

WHEREAS, the Board of Commissioners of the DuPage Water Commission, based upon representations made by Staff, believes it is in the best interest of the Commission to authorize the General Manager to purchase Hydraulically Activated High-Lift Pump Control Valve Refurbishment Services from A/C Service and Repair;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are hereby incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: That in accordance with the purchasing procedures contained in the Commission By-Laws, the General Manager is hereby granted the authority to purchase Hydraulically Activated High-Lift Pump Control Valve Refurbishment Services from A/C Service and Repair.

SECTION THREE: This Resolution shall be in full force and effect from and after its adoption.

	Aye	Nay	Absent	Abstain
Cuzzone, N.				
Fennell, J.				
Greaney, S.				
Honing, A.				
Noonan, T.				
Novotny, D.				
Pruyn, J.				
Romano, K.				
Russo, D.				
Saverino, F.				
Suess, P.				
Van Vooren, D.				
Zay, J.				

ADOPTED THIS ___ DAY OF _____, 2026.

James F. Zay, Chairman

ATTEST:

Danna Mundall, Clerk
Board/Resolutions/2026/R-23-26docx



Date: March 5, 2026

To: DuPage Water Commission

Reference: Sole Source Letter

To whom it may concern,

American Cone Valve, Inc. is manufactured in York, PA and we are the sole authorized sales and service provider for our products in the State of Illinois.

Contact Information:

American Cone Valve, Inc.

Justin Ross

5166 Commerce Drive

York, PA 17408

(717)792-3492 Ext.101

(717)515-2984 (cell)

Sincerely,

A grey rectangular box redacting the signature of Justin Ross.

Justin Ross

President

American Cone Valve, Inc.

A/C Service and Repair, Inc.

QUOTATION

A/C Service and Repair, Inc.
5166 Commerce Drive York, PA 17408
Ph.(717) 792-3492

Company: DuPage Water Commission

Date	3/5/26
Payment	Net 30 Days
Taxes	None
FOB Point	destination

Attention: Mike Weed

Qty	Unit	A/C Part#	Description	Price Each	\$ Amount
1	ea		30"-125 Allis-Chalmers Rotovalve Rebuild with new 14"x18" Hydraulic Cylinder	139550.00	139,550.00

Delivery Date: TBD

Ship Via: _____

For A/C Shop Order: _____

	other
shipping	included
Total	\$139,550.00

Prepared by: Justin Ross justinross@acservicerepair.com



Resolution #: R-24-26

Account: 01-60-663100

Approvals: *Author / Manager / Finance / Admin*

D.P. RCB CAP PDM

REQUEST FOR BOARD ACTION

Date: 3/12/2026

Description: **A Resolution to Approve & Ratify Certain Work Authorization Orders Under Quick Response Contract QR-13/25.**

Agenda Section: Engineering & Construction

Originating Department: Pipeline & Remote Facilities

The Commission entered into certain agreements dated June 30, 2025, with John Neri Construction Co. Inc., Rossi Contractors Inc., and Benchmark Construction Co., Inc. for Quick Response construction work, as needed, through the issuance of Work Authorization Orders (Contract QR-13/25) and ending on June 30, 2027. Resolution No. R-24-26 would approve the following Work Authorization Orders under the Quick Response Contracts.

Work Authorization Order No. 13.007 to Benchmark Construction Co, Inc.

The work authorization was issued, and work began prior to Board approval and it was necessary to investigate a potential leak on a 30-inch diameter steel water main located in the City of Naperville. The excavation uncovered a segment of water main at the location where water was surfacing; however, no leak was found. While the excavation was open, a new corrosion protection station was installed, and a broken frame was replaced at a blow-off vault located within the limits of excavation. Staff will continue to monitor the potential leak over the next several months.

Since Benchmark Construction Co., Inc. was able to mobilize immediately upon request for repair work, Work Authorization Order No. 13.007 was issued to Benchmark Construction Co., Inc.

Resolution R-24-26 ratifies approval of Work Authorization Order No. 13.007 to Benchmark Construction Co., Inc. for the work as described in Exhibit 1 to this resolution, at the estimated cost of \$60,000, which includes the already expended funds for the excavation, cathodic protection and traffic control, as well as costs that will be incurred for restoration and pavement repair which will take place in the spring when weather permits. The work included traffic control; removal and of concrete and asphalt pavement; excavation and uncovering of section of the leaking 30-inch steel pipe, attempts to locate a leak; backfilling; and restoration of the street in compliance with the local authority having jurisdiction over existing roadway.

Recommended Motion:

To adopt Resolution No. R-24-26.

RESOLUTION NO. R-24-26

A RESOLUTION APPROVING CERTAIN WORK AUTHORIZATION ORDERS UNDER QUICK RESPONSE CONTRACT QR-13/25

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated June 30, 2025, with John Neri Construction Co., Inc., Rossi Contractors, Inc., and Benchmark Construction Co., Inc. for quick response construction work related to the Commission's Waterworks System (said being hereinafter collectively referred to as "Contract QR-13/25");

WHEREAS, Contract QR-13/25 is intended to allow the Commission to direct one or more or all the quick response contractors to perform quick response construction work, including without limitation construction, alteration, and repair related to the Commission's Waterworks System, as needed through the issuance of Work Authorization Orders; and

WHEREAS, the scope for quick response construction work could not have been reasonably foreseen at the time the contracts were signed;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are by this reference incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: The work Authorization Orders attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1 shall be and hereby are approved and, if already issued, ratified because the Board of Commissioners of the DuPage Water Commission has determined, based upon the representations of staff, that the circumstances said to necessitate the work

Authorization Orders were not reasonably foreseeable at the time the contracts were signed, the Work Authorization Orders are in the best interest of the DuPage Water Commission and authorized by law.

SECTION THREE: This Resolution shall be in full force and effect from and after its adoption.

	Aye	Nay	Absent	Abstain
Cuzzone, N.				
Fennell, J.				
Greaney, S.				
Honing, A.				
Noonan, T.				
Novotny, D.				
Pruyn, J.				
Romano, K.				
Russo, D.				
Saverino, F.				
Suess, P.				
Van Vooren, D.				
Zay, J.				

ADOPTED THIS _____ DAY OF _____, 2026.

James F. Zay, Chairman

ATTEST:

Danna Mundall, Clerk

Board/Resolutions/2026/R-24-26.docx

EXHIBIT 1

QR-13/25 Work Authorization Order No 13.007
Benchmark Construction Co., Inc. Invoice No. 2520-03

WORK AUTHORIZATION ORDER

SHEET 1 OF 2

CONTRACT QR-13/25: QUICK RESPONSE CONTRACT

WORK AUTHORIZATION ORDER NO.: QR-13.007

LOCATION:

Naper Blvd in the City of Naperville.

CONTRACTOR:

Benchmark Construction Co., Inc.

DESCRIPTION OF WORK:

Provide and maintain traffic and pedestrian controls; dewater isolated section of main; excavate, locate, and repair the source of a leak on a Commission 30" diameter steel water main; backfill the excavation with suitable materials; disinfect the isolated section of water main, restore all disturbed areas to the satisfaction of the permitting highway authority, and all other work as necessary or as directed by the Commission.

REASON FOR WORK:

To repair a leak in a 30" diameter steel water main.

MINIMUM RESPONSE TIME:

N/A

**COMMISSION-SUPPLIED MATERIALS, EQUIPMENT
AND SUPPLIES TO BE INCORPORATED INTO THE WORK:**

TBD

THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER

IS IS NOT PRIORITY WORK

SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:

N/A

SUBMITTALS REQUESTED:

N/A

SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:

N/A

DUPAGE WATER COMMISSION

By: 2/25/2026
Signature of Authorized Representative

DATE: [REDACTED]

CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:

By: [REDACTED]
Signature of Authorized Representative

Safety Rep: [REDACTED]
Name and 24-Hr Phone No.

DATE: Feb. 3, 2026

Benchmark Construction Co., Inc.

General Construction / Construction Management / Engineering Services

City Office:
3349 S. Kedzie Ave.
Chicago, IL 60623
(773) 247-0881

Suburban Office:
2260 Southwind Blvd.
Bartlett, IL 60103
(630) 497-1700 Office
(630) 497-1737 Fax

To: DuPage Water Commission
600 E. Butterfield Rd.
Elmhurst, IL 60126

Location: 1134 S Naper Blvd
Dates of Work: 2/3/26 thru 2/10/26

Invoice #: **2520-03**
Date: **2/16/2026**

Description of Work: Mobilization, investigation of potential leak, backfill, and restore.

LABOR	ST Hours	1-1/2 T Hours	2 T Hours	Rate	Insurance Amount	Payroll Amount	
Operator, Class I Matt Atkins	25.00	1.50		72.00	1,908.00	1,962.00	
Foreman, Brian Mitchell	25.00	1.50		63.00	1,669.50	1,716.75	
Laborer, Ignacio Maravilla	25.00	0.50		65.65	1,674.08	1,690.49	
Laborer, Jared Jackson	25.00	0.50		58.00	1,479.00	1,493.50	
Laborer, Aidan Colson	16.00	0.50		51.40	848.10	860.95	
Laborer, Jacob Graham	5.50			51.40	282.70	282.70	
Laborer, Hector Hernandez (Sawcut)	4.00			51.40	205.60	205.60	
Driver, Matt Reed	6.00			45.60	273.60	273.60	
					0.00	0.00	
Subtotal, Labor	131.50	4.50	0.00		8,340.58	8,485.59	
Operators Union Benefits		26.50	hrs @	52.83		1,400.00	
Drivers Union Benefits		6.00	hrs @	29.87		179.22	
Laborers Union Benefits		103.50	hrs @	37.28		3,858.48	
						0.00	
Subtotal, Benefits		136.00				5,437.70	
						13,923.28	
						4,176.98	
							18,100.27
TOTAL LABOR							\$18,100.27

I hereby certify that the above statement is a copy of the payroll which applies to the above stated work and that the rates shown for taxes and insurance are actual costs

Benchmark Construction Co., Inc.

(continued)

Location: 1134 S Naper Blvd
 Dates of Work: 2/3/26 thru 2/10/26

Invoice #: **2520-03**
 Date: 2/16/2026

EQUIPMENT

	Hours	Rate	Amount
Trench Box/Plates- Rental	1.00	727.65	727.65
Dodge 5500 Service Truck	26.50	34.57	916.11
Komatsu 238	14.00	101.46	1,420.44
Bobcat S740 Skidsteer	12.50	108.02	1,350.25
Lowboy Truck & Trailer	6.00	101.51	609.06
Ford Econoline Van & Saw	4.00	18.23	72.92
			0.00
Subtotal Equipment			5,096.43
10% Mark up on equipment			\$509.64
TOTAL EQUIPMENT			5,606.07

MATERIAL

	Qty.	U of M	Price	Amount
Boughton Materials-Tip Fees	7	EA	92.00	644.00
Boughton Materials- FA-6	60	TON	5.00	300.00
Boughton Materials- CA-6	31.5	TON	8.75	275.63
Prairie Materials	1	LS	1,955.25	1,955.25
Naperville Traffic Permit	1	LS	1,065.80	1,065.80
Naperville ROW Permit	1	LS	120.00	120.00
Naperville Maintenance Bond	1	LS	540.00	540.00
Subtotal Material				4,900.68
10% Mark up on material purchased				490.07
TOTAL MATERIAL				5,390.74

SUBCONTRACTORS

	Qty.	U of M	Price	Amount
Smith Maintenance	1	INV	1,237.00	1,237.00
Utility Transport	1	LS	5,108.25	5,108.25
LRS Portable Toilet	1	LS	245.30	245.30
HMA				0.00
Subtotal Subs.				6,590.55
10% Mark up on Subs.				659.06
TOTAL SUBCONTRACTOR				7,249.61

TOTAL AMOUNT DUE

\$36,346.68

Please remit to: 2260 Southwind Blvd., Bartlett, IL 60103



Resolution #: R-25-26

Account: 01-80-852010

Approvals: *Author / Manager / Finance / Admin*

JL JML CAP PDM

REQUEST FOR BOARD ACTION

Date: 3/12/2026

Description: **A Resolution Approving and Ratifying the First Amendment to Task Order No. 03 for the Phase II Engineering Contract of the WaterLink Pipeline Project**

Agenda Section: Engineering & Construction

Originating Department: Engineering

On March 21, 2024 the Commission approved a contract with Lockwood, Andrews & Newman, Inc. (LAN) in the amount of \$19,956,942 for the Phase II Engineering design of the WaterLink Pipeline Project under Resolution R-31-24. The Phase II Engineering effort has been ongoing since that time, with multiple design packages having already been completed, bid, and awarded. Throughout the process, the LAN team and Commission staff have maintained regular communication in an effort to resolve construction conflicts and pursue project cost savings where appropriate. While most changes made during the design process can be considered incidental to a typical Phase II Engineering effort, one such component that arose on the WaterLink Project is exceeds the scope of the intended contract. This particular component is largely associated with the "TW-6/25 Section 3C" construction package, which includes crossings of the Fox River, two IDOT routes, and a railroad. Based on their proximity to each other, the original design included a single trenchless installation over 3,000 feet long. Furthermore, numerous conflicts arose based on ComEd review requirements, making the installation extremely challenging.

As a result of the challenges and significant cost associated with the original route, the design team was directed to identify and design an alternative route, largely consisting of open-cut installation through public right of way, which is expected to result in construction savings of over \$10,000,000. However, the effort to redesign such a significant portion of the project resulted in design costs beyond the original scope of \$1,022,300. The design activities included survey, utility location/potholing, geotechnical activities, permitting, and all conventional Phase II design activities.

Recommended Motion:

To adopt Resolution R-25-26.

DUPAGE WATER COMMISSION

RESOLUTION NO. R-25-26

A RESOLUTION APPROVING A FIRST AMENDMENT TO TASK ORDER NO. 03 UNDER A MASTER SERVICES AGREEMENT WITH LOCKWOOD, ANDREWS & NEWMAN, INC. FOR PHASE II ENGINEERING OF A WATER TRANSMISSION MAIN TO THE COMMUNITIES OF MONTGOMERY, OSWEGO AND YORKVILLE

WHEREAS, the Commission was formed and exists pursuant to the Water Commission Act of 1985, 70 ILCS 3720/0.01 et seq., and Division 135 of Article 11 of the Illinois Municipal Code, 65 ILCS 5/11-135-1 et seq., for the purpose of securing an adequate source and supply of water for its customers; and

WHEREAS, the Village of Montgomery (“Montgomery”), the Village of Oswego (“Oswego”) and the United City of Yorkville (“Yorkville”) (Oswego, Montgomery and Yorkville are collectively referred to herein as the “Municipalities”) desire to connect to the Commission’s waterworks system to supply Lake Michigan water to their communities;

WHEREAS, the Commission has a Master Contract with Lockwood, Andrews & Newman, Inc. (“LAN”) for general engineering services;

WHEREAS, the Commission desires that LAN continue Phase II engineering work related to detailed engineering design of a water transmission main to connect the Commission’s waterworks system to the Municipalities;

WHEREAS, the First Amendment to Task Order No. 03 relates to the effort for additional Phase II design work beyond the original scope to prepare an alternative design for a large section of pipeline including the Fox River crossing;;

WHEREAS, the alternative design concept presents a construction methodology and approach which has been estimated to reduce construction costs over \$10M when compared to the original design concept;

WHEREAS, the additional cost of services to complete the Phase II Engineering Services from LAN is in the amount of \$1,022,300 plus reimbursable costs; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are hereby incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: The Scope of Services attached hereto as Exhibit A shall be and hereby is approved and will be formalized as the First Amendment to Task Order No. 03 under the existing MSA, and if already issued, ratified because the Board of Commissioners of the DuPage Water Commission has determined, based upon the representations of staff and consultant, that the circumstances said to necessitate the Task Orders were not reasonably foreseeable at the time the Master Contract was signed, the Task Orders are germane to the Master Contract as signed, and/or the Task Orders are in the best interest of the DuPage Water Commission and authorized by law.

SECTION THREE: This Resolution shall be in full force and effect from and after its adoption.

	Aye	Nay	Absent	Abstain
Cuzzone, N.				
Fennell, J.				
Greaney, S.				
Honig, A.				
Noonan, T.				
Novotny, D.				
Pruyn, J.				
Romano, K.				
Russo, D.				
Saverino, F.				
Suess, P.				
Van Vooren, D.				
Zay, J.				

ADOPTED THIS _____ DAY OF _____, 2026.

James F. Zay, Chairman

ATTEST:

Danna Mundall, Clerk

Board/Resolutions/2026/R-25-26.docx

EXHIBIT 1

FIRST AMENDMENT TO TASK ORDER NO. 03

In accordance with Section 1.1 of the Master Contract between the DuPage Water Commission (“Owner”) and Lockwood, Andrews & Newnam, Inc. (“Consultant”), for Professional Engineering Services dated as of the 21st day of May, 2013 (the “Contract”), Owner and Consultant agree as follows:

1. **Project:**

DuPage Water Commission WaterLink Extension to the three WaterLink Communities and as more fully described in the Draft Project Development Report: Phase I Preliminary Engineering dated February 2024.

Consultant will be contracting directly with primary subconsultants, Stanley Consultants, Inc. (SCI) and Robinson Engineering, Ltd. (REL) under individual subconsultant agreements. Additional subconsultants required for specialized services will be contracted directly with LAN, SCI, and REL.

Phase II Engineering will include final preparation of plans, specifications, Engineer’s opinions of probable construction cost, and Bid Phase services, including preparation of conformed construction documents. Deliverables will include design drawings, project specifications and contract documents to allow for solicitation of construction bids and for utilization in implementing the project design into a constructed and fully commissioned project. Deliverables will be in accordance with applicable AWWA, IEPA, IDNR, and DOT requirements, including federal and state standards necessary for utilization of federal funds at the time of this Agreement. Phase II Engineering will include final acquisition of all easements, parcels, rights-of-way, and permits from pertinent regulatory agencies necessary based upon the scope of work.

2. **Consultant Services:**

A. Phase II Basic Services:

1. Task 1 – Project Management

- a. Organize and manage the project team.
- b. Hold standing monthly meetings with the Commission management team.
- c. Prepare the project schedule for review with the DuPage Water Commission (“DWC”) and maintain the schedule throughout the course of the project.
- d. Prepare and maintain management schedule listing DWC and Consultant’s responsibilities and milestones.
- e. Prepare opinions of probable cost as changes or additions are made to the project.
- f. Maintain project records, decision logs, and files.

- g. Maintain and facilitate communications between the parties.
- h. Provide quality control (QC) services for all the design work. QC process will include each of the three primary firms reviewing the others work product.

2. Task 2 – Project Coordination and Meetings:

- a. **DWC Project Kick-off and Progress Meetings:** The project kick-off meeting will be used to clarify DWC requirements for the project, overall project schedule, critical project needs and best methods of communication for meetings and updates. Document control and file sharing will be discussed and addressed. Monthly meetings will be held for updates to discuss progress and decisions needed. Bi-weekly or individual meetings will be scheduled during critical periods of design or as needed. Thirty-Six (36) meetings are planned with DWC for Phase II services.
- b. **Coordination with WaterLink Communities:** An initial project engagement meeting followed by monthly check-in meetings will be scheduled with WaterLink Communities and their consultants to discuss the final location of delivery structures and associated connection details and routing of pipelines through their communities. Twelve (12) meetings are planned with WaterLink Communities for Phase II services.
- c. **Other Stakeholder Meetings:** Naperville, Aurora, and unincorporated areas (counties and townships) are non-benefiting communities that will be impacted by construction. Initial project engagement followed by periodic check-in meetings will be scheduled to gain input, find solutions to issues, and identify methods to mitigate impacts. Fifteen (15) meetings are planned with other stakeholders for Phase II services.
- d. **Attend meetings with the DWC’s Board, WaterLink Community Boards (as required), and the public as requested by DWC.** Prepare educational displays/presentations to communicate meeting topics. Twenty (20) public board meetings are planned for Phase II services.
- e. **Attend meetings with ComEd for project coordination of the pipeline design.** Prepare exhibits, displays and presentations to communicate meeting topics. Sixteen (16) meetings are planned for Phase II services.
- f. **Attend public meetings as required during the work.** Prepare exhibits, educational displays, and presentations as needed to communicate meeting topics. Up to fifteen (15) meetings are planned for Phase II services.
- g. **Prepare monthly project status reports and project updates for DWC to share with Board, WaterLink Communities, and other stakeholders.**

- h. Hold project meetings with regulatory agencies, railroads, and private utilities, other than ComEd, during the design phase to facilitate permit reviews and approvals. Twenty (20) meetings with permitting agencies and entities are planned for Phase II services.
 - i. Requests for pertinent data and information will be transmitted to each of the previously mentioned city, utility, county, townships, and railroad entities located along the pipeline routes.
 - j. Prepare agendas and meeting minutes summarizing each meeting. Follow-up on action items identified during the meetings.
3. Task 3 – Transmission Main Design Package 1 (SCI Lead):
- a. The intent of this work is to prepare contract drawings and technical specifications for the Transmission Main Segment 1 as described in the Project Development Report. Segment 1 includes approximately 45,900 feet of 54-inch pipeline from 75th Street and Book Road in Naperville to Ogden Falls Boulevard and approximately 6,900 feet of 16-inch pipeline from the ComEd right-of-way to Montgomery Connection Number 1.
 - b. Attend design coordination meetings, as defined in Task 2a, with the DWC team for the duration of the Project.
 - c. Attend weekly transmission main design team meetings for the duration of plan and profile development.
 - d. Bidding and front-end contract documents will be provided by DWC. Prepare special conditions and technical specifications in CSI format for use by design teams for each pipeline segment. Generate contract document and specification packages for project bidding.
 - e. 30% Preliminary Plan and Profile Drawings:
 - 1) Address comments from Project Development Report as provided by DWC. Prepare preliminary drawing set, which will convey information about the transmission main's fundamental elements.
 - 2) Prepare preliminary cover, index standards list, and notes sheets.
 - 3) Prepare detail drawings.
 - 4) Prepare preliminary transmission main plan drawings showing the alignment of the transmission mains and distribution feeder mains, including known existing underground utilities.
 - 5) Prepare preliminary roadway resurfacing plan.
 - 6) Provide preliminary specifications index.

- 7) Submit above as 30% design submittal to: Project Review Team for QC and DWC for review.
 - 8) Geotechnical borings and logs up to 30 feet deep spaced approximately 500 to 1,000 feet apart along pipeline route to supplement tunnel crossing boring information collected in Phase I.
 - 9) Compile an inventory of the trees planned for removal or pruning due to construction, as well as roadway signs that could be impacted by construction.
 - 10) Prepare draft of plan and profile drawings for critical crossings determined by Consultant. Draft plan and profile drawings will show the work in sufficient detail that a contractor can recognize general transmission main elements and requirements for construction. Include any revisions required by the alignment field verification. Draft plan and profile drawings for critical crossings will be completed first to expedite the permitting process.
 - 11) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 30% set and submit to DWC. Up to Six (6) meetings are planned for Phase II services.
- f. 75% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare a draft drawing set, which will show the work in sufficient detail so that a contractor can recognize transmission mains elements and requirements for construction. Include any revisions required by the alignment field verification. Set to include draft cover, index, standards list, and notes sheets; erosion control plan; demolition plan; draft transmission mains plan and profile drawings showing the alignment of the transmission mains and distribution feeder mains including existing underground utilities; detail drawings; landscaping restoration plans; traffic detour plans; draft roadway resurfacing plans; prepare draft transmission main specifications, including general requirements and technical specifications.
 - 2) Prepare preliminary detail drawings.
 - 3) As the design progresses, develop and refine the strategy and plan for construction contract sequencing, improvements scheduling and operations during construction to improve project delivery and reliability and improve funding opportunities.

- 4) Submit the 75% draft drawings and specifications to: Project Review Team for QC, DWC for review; and impacted communities for comment.
 - 5) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 75% set and submit to DWC. Up to Six (6) meetings are planned for Phase II services.
 - 6) Submit 75% documents to the IEPA and other permitting entities for review and comment. Meet with IEPA and other entities, as defined in Task 2h, to receive comments. Incorporate comments into 90% documents for permitting.
- g. 90% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare prefinal cover, index, standards lists, and notes sheets; erosion control plan; demolition plan; final draft transmission mains plan and profile drawings showing the alignment of the transmission mains and distribution feeder mains including existing underground utilities; detailed drawings; landscaping replacement plans; traffic control and detour plans; roadway resurfacing plans; final draft transmission mains specifications, including general requirements and technical specifications.
 - 2) Submit the 90% draft drawings and specifications to: Project Review Team for QC, DWC for review; permitting entities as required, and adjacent utilities to review.
 - 3) Address and incorporate comments from the 90% submittal as provided by Project Review Team, DWC, permit agencies, and impacted communities.
 - 4) Submit sealed documents to IEPA and other entities for permitting.
 - 5) Field-walk through with DWC and/or WaterLink Communities.
- h. 100% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare, sign, and seal final drawing set and final specifications.
 - 2) Incorporate front end bidding documents in specifications.
 - 3) Submit the 100% complete drawings and specifications to DWC.
 - 4) Plans will be submitted in AutoCAD and PDF formats along with two (2) printed copies.
 - 5) Specifications will be provided in Microsoft Word and PDF formats. Specification PDFs will be indexed and searchable.

- i. Forest Preserve Restoration Plan
 - 1) Prepare a restoration plan for the portions of the Forest Preserve District of DuPage property disturbed by construction. The restoration plan will include soil erosion and sediment control and landscape restoration. It may also include a conceptual wetland replacement mitigation plan, if required.
 - 2) Submit permits to USACE, IEPA, KDSWCD, DuPage County (stormwater permitting).
 - 3) Coordinate work with IDNR, USFWS, FPD and Illinois Nature Preserves Commission.
- j. QC to be provided by LAN.

4. Task 4 – Transmission Main Design Package 2 (REL Lead):

- a. The intent of this work is to prepare contract drawings and technical specifications for the Transmission Main Segment 2 as described in the Project Development Report. Segment 2 includes approximately 46,400 feet of 36-inch pipeline from Harvey Road at the ComEd right-of-way to Minkler Road.
- b. Attend design coordination meetings, as defined in Task 2a, with the DWC team for the duration of the Project.
- c. Attend weekly transmission main design team meetings for the duration of plan and profile development.
- d. Bidding and front-end contract documents will be provided by DWC. Prepare special conditions and technical specifications in CSI format for use by design teams for each pipeline segment. Generate contract document and specification packages for project bidding.
- e. 30% Preliminary Plan and Profile Drawings:
 - 1) Address comments from Project Development Report as provided by DWC. Prepare preliminary drawing set representing the transmission main's fundamental elements.
 - 2) Prepare preliminary cover, index standards list, and notes sheets.
 - 3) Prepare detail drawings.
 - 4) Prepare preliminary transmission main plan drawings showing the alignment of the transmission mains and distribution feeder mains, including known existing underground utilities.
 - 5) Prepare preliminary roadway resurfacing plan.

- 6) Provide preliminary specifications index.
 - 7) Submit above as 30% design submittal to: Project Review Team for QC and DWC for review.
 - 8) Geotechnical borings and logs up to 30 feet deep spaced approximately 500 to 1,000 feet apart along pipeline route to supplement tunnel crossing boring information collected in Phase I.
 - 9) Compile an inventory of the trees planned for removal or pruning due to construction, as well as roadway signs that could be impacted by construction.
 - 10) Prepare draft of plan and profile drawings for critical crossings determined by Consultant. Draft plan and profile drawings will show the work in sufficient detail that a contractor can recognize general transmission main elements and requirements for construction. Include any revisions required by the alignment field verification. Draft plan and profile drawings for critical crossings will be completed first to expedite the permitting process.
 - 11) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 30% set and submit to DWC. Up to Six (6) meetings are planned for Phase II services.
- f. 75% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare a draft drawing set, which will show the work in sufficient detail so that a contractor can recognize transmission mains elements and requirements for construction. Include any revisions required by the alignment field verification. Set to include: draft cover, index, standards lists, and notes sheets; erosion control plan ; demolition plan; draft transmission mains plan and profile drawings showing the alignment of the transmission mains and distribution feeder mains including existing underground utilities; detail drawings; landscaping restoration plans; traffic control and detour plans; draft roadway resurfacing plans; prepare draft transmission main specifications, including general requirements and technical specifications.
 - 2) Prepare preliminary detail drawings.
 - 3) As the design progresses, develop and refine the strategy and plan for construction contract sequencing, improvements

scheduling and operations during construction to improve project delivery and reliability and improve funding opportunities.

- 4) Submit the 75% draft drawings and specifications to: Project Review Team for QC, DWC for review; and impacted communities for comment.
- 5) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 75% set and submit to DWC. Up to Six (6) meetings are planned for Phase II services.
- 6) Submit 75% documents to the IEPA and other permitting entities for review and comment. Meet with IEPA and other entities, as defined in Task 2h, to receive comments. Incorporate comments into 90% documents for permitting.

g. 90% Permit Plan and Profile Drawings and Specifications:

- 1) Prepare prefinal cover, index, standards lists, and notes sheets; erosion control plan into plan set; demolition plan; final draft transmission mains plan and profile drawings showing the alignment of the transmission mains and distribution feeder mains including existing underground utilities; detailed drawings; erosion control; landscaping replacement plans; traffic control and detour plans; draft roadway resurfacing plans; final draft transmission mains specifications, including general requirements and technical specifications.
- 2) Submit the 90% draft drawings and specifications to: Project Review Team for QC, DWC for review; permitting entities as required, and adjacent utilities to review.
- 3) Address and incorporate comments from the 90% submittal as provided by Project Review Team, DWC, permit agencies, and impacted communities.
- 4) Submit sealed documents to IEPA and other entities for permitting.
- 5) Field walk through with DWC and/or WaterLink Communities.

h. 100% Permit Plan and Profile Drawings and Specifications:

- 1) Prepare, sign, and seal final drawing set and final specifications.
- 2) Incorporate front end bidding documents in specifications.
- 3) Submit the 100% complete drawings and specifications to DWC.

- 4) Plans will be submitted in AutoCAD and PDF formats along with two (2) printed copies.
 - 5) Specifications will be provided in Microsoft Word and PDF formats. Specification PDFs will be indexed and searchable.
- i. QC to be provided by SCI.
5. Task 5 – Transmission Main Design Package 3 (REL & SCI Lead):
- a. The intent of this work is to prepare plan and profile drawings and technical specifications for the Transmission Main Segment 3 as described in the Project Development Report. Segment 3 includes approximately 20,400 feet of 24-inch pipeline from Minkler Road to Route IL-126 Schoolhouse Road.
 - b. Attend design coordination meetings, as defined in Task 2a, with the DWC team for the duration of the Project.
 - c. Attend weekly transmission main design team meetings for the duration of plan and profile development.
 - d. Bidding and front-end contract documents will be provided by DWC. Prepare special conditions and technical specifications in CSI format for use by design teams for each pipeline segment. Generate contract document and specification packages for project bidding.
 - e. 30% Preliminary Plan and Profile Drawings:
 - 1) Address comments from Project Development Report as provided by DWC. Prepare preliminary drawing set, representing the transmission main's fundamental elements.
 - 2) Coordination with Yorkville on the final location of Delivery Point No. 1.
 - 3) Coordination with IDOT on pipeline route along Route IL-71.
 - 4) Prepare preliminary cover, index standards list, and notes sheets.
 - 5) Prepare detail drawings.
 - 6) Prepare preliminary transmission main plan drawings showing the alignment of the transmission mains and distribution feeder mains, including known existing underground utilities.
 - 7) Prepare preliminary roadway resurfacing plan.
 - 8) Provide preliminary specifications index.

- 9) Submit above as 30% design submittal to: Project Review Team for QC and DWC for review.
 - 10) Geotechnical borings and logs up to 30 feet deep spaced approximately 500 to 1,000 feet apart along pipeline route to supplement tunnel crossing boring information collected in Phase I.
 - 11) Compile an inventory of the trees planned for removal or pruning due to construction, as well as roadway signs that could be impacted by construction.
 - 12) Prepare draft of plan and profile drawings for critical crossings determined by Consultant. Draft plan and profile drawings will show the work in sufficient detail that a contractor can recognize general transmission main elements and requirements for construction. Include any revisions required by the alignment field verification. Draft plan and profile drawings for critical crossings will be completed first to expedite the permitting process.
 - 13) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 30% set and submit to DWC. Up to Six (6) meetings are planned for Phase II services.
- f. 75% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare a draft drawing set, which will show the work in sufficient detail so that a contractor can recognize transmission mains elements and requirements for construction. Include any revisions required by the alignment field verification. Set to include draft cover, index, standards list, and notes sheets; erosion control plan; demolition plan; draft transmission mains plan and profile drawings showing the alignment of the transmission mains and distribution feeder mains including existing underground utilities; detail drawings; landscaping restoration plans; traffic detour plans; draft roadway resurfacing plans; prepare draft transmission main specifications, including general requirements and technical specifications.
 - 2) Prepare preliminary detail drawings.
 - 3) As the design progresses, develop and refine the strategy and plan for construction contract sequencing, improvements scheduling and operations during construction to improve project delivery and reliability and improve funding opportunities.

- 4) Submit the 75% draft drawings and specifications to: Project Review Team for QC, DWC for review; and impacted communities for comment.
 - 5) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 75% set and submit to DWC. Up to Six (6) meetings are planned for Phase II services.
 - 6) Submit 75% documents to the IEPA and other permitting entities for review and comment. Meet with IEPA and other entities, as defined in Task 2h, to receive comments. Incorporate comments into 90% documents for permitting.
- g. 90% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare prefinal cover, index, standards lists, and notes sheets; erosion control plan into plan set; demolition plan; final draft transmission mains plan and profile drawings showing the alignment of the transmission mains and distribution feeder mains including existing underground utilities; detailed drawings; erosion control; landscaping replacement plans; traffic control and detour plans; draft roadway resurfacing plans; final draft transmission mains specifications, including general requirements and technical specifications.
 - 2) Submit the 90% draft drawings and specifications to: Project Review Team for QC, DWC for review; permitting entities as required, and adjacent utilities to review.
 - 3) Address and incorporate comments from the 90% submittal as provided by Project Review Team, DWC and impacted communities.
 - 4) Submit sealed documents to IEPA and other entities for permitting.
 - 5) Field-Walk Thru with DWC and/or WaterLink Communities.
- h. 100% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare, sign, and seal final drawing set and final specifications.
 - 2) Incorporate front end bidding documents in specifications.
 - 3) Submit the 100% complete drawings and specifications to DWC.
 - 4) Plans will be submitted in AutoCAD and PDF formats along with two (2) printed copies.

- 5) Specifications will be provided in Microsoft Word and PDF formats. Specification PDFs will be indexed and searchable.
- i. QC to be provided by LAN.
6. Task 6 – Transmission Main Design Package 4 (LAN Lead):
 - a. The intent of this work is to prepare plan and profile drawings and technical specifications for the Transmission Main Segment 4 as described in the Project Development Report. Segment 4 includes approximately 28,400 feet of 54-inch pipeline, 4,200 feet of 24-inch pipeline, 6,500 feet of 20-inch pipeline, and 2,800 feet pipeline of 16-inch pipeline from Ogden Falls Boulevard along the ComEd right-of-way to various WaterLink connections along Orchard Road.
 - b. Attend design coordination meetings, as defined in Task 2a, with the DWC team for the duration of the Project.
 - c. Attend weekly transmission main design team meetings for the duration of plan and profile development.
 - d. Bidding and front-end contract documents will be provided by DWC. Prepare special conditions and technical specifications in CSI format for use by design teams for each pipeline segment. Generate contract document and specification packages for project bidding.
 - e. 30% Preliminary Plan and Profile Drawings:
 - 1) Address comments from Project Development Report as provided by DWC. Prepare preliminary drawing set, representing the transmission main's fundamental elements. This work includes the following.
 - 2) Coordination with USACE on the Fox River Crossing.
 - 3) Prepare preliminary cover, index standards list, and notes sheets.
 - 4) Prepare detail drawings.
 - 5) Prepare preliminary transmission main plan drawings showing the alignment of the transmission mains and distribution feeder mains, including known existing underground utilities.
 - 6) Prepare preliminary roadway resurfacing plan.
 - 7) Provide preliminary specifications index.
 - 8) Submit above as 30% design submittal to: Project Review Team for QC and DWC for review.
 - 9) Geotechnical borings and logs up to 30 feet deep spaced approximately 500 to 1,000 feet apart along pipeline route to

supplement tunnel crossing boring information collected in Phase I.

- 10) Compile an inventory of the trees planned for removal or pruning due to construction, as well as roadway signs that could be impacted by construction.
 - 11) Prepare draft of plan and profile drawings for critical crossings determined by Consultant. Draft plan and profile drawings will show the work in sufficient detail that a contractor can recognize general transmission main elements and requirements for construction. Include any revisions required by the alignment field verification. Draft plan and profile drawings for critical crossings will be completed first to expedite the permitting process.
 - 12) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 30% set and submit to DWC. Up to Six (6) meetings are planned for Phase II services.
- f. 75% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare a draft drawing set, which will show the work in sufficient detail so that a contractor can recognize transmission mains elements and requirements for construction. Include any revisions required by the alignment field verification. Set to include draft cover, index, standards lists, and notes sheets; erosion control plan; demolition plan; draft transmission mains plan and profile drawings showing the alignment of the transmission mains and distribution feeder mains including existing underground utilities; detail drawings; landscaping restoration plans; traffic detour plans; draft roadway resurfacing plans; prepare draft transmission main specifications, including general requirements and technical specifications.
 - 2) Prepare preliminary detail drawings.
 - 3) As the design progresses, develop and refine the strategy and plan for construction contract sequencing, improvements scheduling and operations during construction to improve project delivery and reliability and improve funding opportunities.
 - 4) Submit the 75% draft drawings and specifications to: Project Review Team for QC, DWC for review; and impacted communities for comment.

- 5) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 75% set and submit to DWC. Up to Six (6) meetings are planned for Phase II services.
 - 6) Submit 75% documents to the IEPA and other permitting entities for review and comment. Meet with IEPA and other entities, as defined in Task 2h, to receive comments. Incorporate comments into 90% documents for permitting.
- g. 90% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare prefinal cover, index, standards lists, and notes sheets; erosion control plan into plan set; demolition plan; final draft transmission mains plan and profile drawings showing the alignment of the transmission mains and distribution feeder mains including existing underground utilities; detailed drawings; erosion control; landscaping replacement plans; traffic control and detour plans; draft roadway resurfacing plans; final draft transmission mains specifications, including general requirements and technical specifications.
 - 2) Coordination with USACE on the Fox River Crossing.
 - 3) Submit the 90% draft drawings and specifications to: Project Review Team for QC, DWC for review; permitting entities as required, and adjacent utilities to review.
 - 4) Address and incorporate comments from the 90% submittal as provided by Project Review Team, DWC, permit agencies, and impacted communities.
 - 5) Submit sealed documents to IEPA and other entities for permitting.
 - 6) Field-Walk Thru with DWC and/or WaterLink Communities.
- h. 100% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare, sign, and seal final drawing set and final specifications.
 - 2) Incorporate front end bidding documents in specifications.
 - 3) Submit the 100% complete drawings and specifications to DWC.
 - 4) Plans will be submitted in AutoCAD and PDF formats along with two (2) printed copies.
 - 5) Specifications will be provided in Microsoft Word and PDF formats. Specification PDFs will be indexed and searchable.

- i. QC to be provided by SCI & REL.
7. Task 7 – Meter Station Package (LAN Lead):
- a. The intent of this work is to prepare plans and technical specifications for the seven metering stations, three (3) for Oswego, two (2) for Yorkville and two (2) for Montgomery, for connection of the transmission main to each of the WaterLink Communities.
 - b. Attend design coordination meetings, as defined in Task 2a, with the DWC team for the duration of the Project.
 - c. Bidding and front-end contract documents will be provided by DWC. Prepare special conditions and technical specifications in CSI format for use by design teams for the meter stations. Generate contract document and specification packages for project bidding.
 - d. 30% Preliminary Drawings:
 - 1) Prepare preliminary drawing set, including the metering station site layout, piping connection to the proposed transmission main, interconnection to customer’s receiving facilities, and site utilities. Submittal will also contain building plan, elevation, and section drawings. For purposes of this proposal, Consultant will design one building, with one architectural treatment, to use at all seven sites. Based on our preliminary analysis, the building will have three-meter trains. Two of the trains will be sized for maximum day flow while the third train will provide redundancy. Each station meter trains will be sized for the customer’s demands. The station layout will be similar to the previously provided to the Consultant by the Commission. It is anticipated this design package contain a total of Thirty-Four (34) drawings for all seven sites.
 - 2) Prepare preliminary cover, index standards list, and notes sheets.
 - 3) Prepare detail drawings.
 - 4) Provide preliminary specifications index.
 - 5) Submit above as 30% design submittal to: Project Review Team for QC and DWC for review.
 - 6) Perform one geotechnical boring and log up to 30 feet deep for the site to augment geotechnical information collected during the transmission main geotechnical investigations.
 - 7) Compile an inventory of the trees planned for removal or pruning due to construction.

- 8) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 30% set and submit to DWC. Up to Six (6) meetings are included in this proposal.
- e. 75% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare a draft drawing set and include revisions required field investigation. Set to include draft cover, index, standards list, and notes sheets; erosion control plan; demolition plan, if required; draft site plan including existing underground utilities; detailed civil, structural, mechanical, piping, architectural, electrical, landscaping, and control drawings . Draft specifications, including general requirements and technical specifications.
 - 2) Prepare detail drawings.
 - 3) As the design progresses, develop and refine the strategy and plan for construction contract sequencing, improvements scheduling and operations during construction to improve project delivery and reliability and improve funding opportunities.
 - 4) Submit the 75% draft drawings and specifications to: Project Review Team for QC, DWC for review; and impacted communities for comment.
 - 5) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 75% set and submit to DWC.
 - 6) Submit 75% documents to the IEPA and other permitting entities for review and comment. Meet with IEPA and other entities, as defined in Task 2h, to receive comments. Incorporate comments into 90% documents for permitting.
- f. 90% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare prefinal plan set and final draft mains specifications, including general requirements and technical specifications.
 - 2) Submit the 90% draft drawings and specifications to: Project Review Team for QC, DWC for review; permitting entities as required, and adjacent utilities to review.
 - 3) Address and incorporate comments from the 90% submittal as provided by Project Review Team, DWC, permit agencies, and impacted communities.

- 4) Submit sealed documents to IEPA and other entities for permitting.
 - 5) Field-Walk thru with DWC and/or WaterLink Communities.
- g. 100% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare, sign, and seal final drawing set and final specifications.
 - 2) Incorporate front end bidding documents in specifications.
 - 3) Submit the 100% complete drawings and specifications to DWC.
 - 4) Plans will be submitted in AutoCAD and PDF formats along with two (2) printed copies.
 - 5) Specifications will be provided in Microsoft Word and PDF formats. Specification PDFs will be indexed and searchable.
- h. QC to be provided by SCI & REL.
8. Task 8 – Chemical Monitoring and Feed Station (LAN Lead):
- a. The intent of this work is to prepare plans and technical specifications for a chemical monitoring and feed station located in the general vicinity of Oswego Connection Point No. 1.
 - b. Attend design coordination meetings, as defined in Task 2a, with the DWC team for the duration of the Project.
 - c. Bidding and front-end contract documents will be provided by DWC. Prepare special conditions and technical specifications in CSI format for use by design teams for each pipeline segment. Generate contract document and specification packages for project bidding.
 - d. 30% Preliminary Drawings:
 - 1) Prepare preliminary drawing set for chemical monitoring and feed station site layout, piping connection to the proposed transmission main, and site utilities. Submittal will also include building plan, elevation, and section drawings. Consultant will design a building, with a similar architectural treatment as planned for the metering stations. Based on our preliminary analysis, the building will be approximately 25-feet by 25-feet and include an area disinfection chemical storage, feed equipment and associated controls. A meter vault will be located onsite for installation of a mag-meter for chemical pacing and flow data. It is anticipated this design package as described will have a total of Sixteen (16) drawings.

- 2) Prepare preliminary cover, index standards list, and notes sheets.
 - 3) Conceptual detail drawings will be provided and discussed.
 - 4) Provide preliminary specifications index.
 - 5) Submit above as 30% design submittal to: Project Review Team for QC and DWC for review.
 - 6) Perform two geotechnical boring and logs up to 30 feet deep to augment geotechnical information collected during the transmission main geotechnical investigations.
 - 7) Compile an inventory of the trees planned for removal or pruning due to construction.
 - 8) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 30% set and submit to DWC. Up to Six (6) meetings are included in this proposal.
- e. 75% Permit Plan and Profile Drawings and Specifications:
- 1) Prepare a draft drawing set including chemical monitoring and feed station elements and requirements for construction. Include any revisions required via field investigation. Set to include draft cover, index, standards list, and notes sheets; erosion control plan; demolition plan, if required; draft site plan including existing underground utilities; detailed civil, structural, mechanical, piping, architectural, electrical, landscaping, and control drawings. Draft specifications, including general requirements and technical specifications.
 - 2) Prepare detail drawings.
 - 3) As the design progresses, develop and refine the strategy and plan for construction contract sequencing, improvements scheduling and operations during construction to improve project delivery and reliability and improve funding opportunities.
 - 4) Submit the 75% draft drawings and specifications to: Project Review Team for QC, DWC for review; and impacted communities for comment.
 - 5) Meet with DWC and WaterLink Communities to review drawings. Address and incorporate comments into final 75% set and submit to DWC.

- 6) Submit 75% documents to the IEPA and other permitting entities for review and comment. Meet with IEPA and other entities, as defined in Task 2h, to receive comments. Incorporate comments into 90% documents for permitting.
- f. 90% Permit Plan and Profile Drawings and Specifications:
 - 1) Prepare prefinal plan set and final draft mains specifications, including general requirements and technical specifications.
 - 2) Submit the 90% draft drawings and specifications to: Project Review Team for QC, DWC for review; permitting entities as required, and adjacent utilities to review.
 - 3) Address and incorporate comments from the 90% submittal as provided by Project Review Team, DWC, permit agencies, and impacted communities.
 - 4) Submit sealed documents to IEPA and other entities for permitting.
 - 5) Field-Walk thru with DWC and/or WaterLink Communities.
- g. 100% Permit Plan and Profile Drawings and Specifications:
 - 1) Prepare, sign, and seal final drawing set and final specifications.
 - 2) Incorporate front end bidding documents in specifications.
 - 3) Submit the 100% complete drawings and specifications to DWC.
 - 4) Plans will be submitted in AutoCAD and PDF formats along with two (2) printed copies.
 - 5) Specifications will be provided in Microsoft Word and PDF formats. Specification PDFs will be indexed and searchable.
- h. QC to be provided by SCI & REL.
- 9. Task 9 – Permitting:

Approvals and Authorizations: Consultant will assist DWC in obtaining the following approvals, permits, and authorizations:

- a. IEPA Permit Coordination: Prepare the required documentation for signature by DWC and meet with the Agency to assist the procurement of Project permits as further describe in the preceding section.
- b. IDOT and other highway/roadway authorities – Naperville, Kendall County, Will County, DuPage County, and various Townships
- c. USACE – wetlands and Fox River crossing.

- d. IDNR – Fox River, other stream crossings > 1 square mile watershed.
- e. Railroads – CNRR, ILRW and BNSF.
- f. Commission will pay required permit fees via WaterLink escrow account.

10. Task 10 – Bidding Assistance and Contractor Selection:

- a. Provide bid assistance, including contractor identification, solicitation, qualification, bid review, responses to RFI information, attendance to pre-bid meetings and bid opening meetings, review and evaluation of bid proposals, and attendance and presentation at DWC Board meetings, as well as WaterLink community public meeting, if requested.
- b. Assemble and provide up to six (6) bid packages.
- c. Attend and assist in leading up to six (6) pre-bid meeting. Prepare agenda and meeting minute notes summarizing each meeting.
- d. Addenda Preparation Assistance: Assist with responses to bidders’ questions during the bid period. Assist in preparation of necessary addenda.
- e. Bid Review Assistance: Assist in evaluation of bids and make recommendation of award of contract at Board meeting.
- f. Conformed Contract Documents: Prepare conformed construction documents that incorporate modifications to the drawings and specifications included in Addenda issued during the Bidding Phase.

END OF BASIC SERVICES

B. Phase II Additional Services:

1. Task 1 – Survey Services (REL Lead)

- a. The intent of this work is to augment available paper records, GIS, utility and aerial photogrammetric information with on the ground field measurements of physical features for the purpose of confirming information to the level of accuracy needed for construction drawings. Due to the desired project design time frame, and challenges associated with collecting aerial LiDAR data during the summer months, Phase I route alignment studies utilized primarily GIS aerial and contour data supplemented by certain specific ground survey data collection at key locations and utility company data of varying precision levels. Phase II drawings will primarily utilize aerial LIDAR data collected in December 2023, supplemented by detailed ground survey efforts summarized in the following paragraphs.

- b. Collection of rim/invert data at approximately 1,800 utility structures along the watermain route to allow for the development of accurate final design of the project improvements.
 - c. Complete topographic survey data collection in those areas along the 31-mile route that were unable to be collected via aerial LIDAR in Phase I due to tree cover or other obstacles.
 - d. Complete topographic survey data collection at seven (7) proposed metering stations and one (1) chlorine treatment building for purposes of preparing detailed site plans for these facilities. The chlorine treatment site will also include a formal boundary survey and order of title commitment for use in the acquisition of real estate for this facility.
 - e. Combine data, including GIS contour data from DuPage, Kendall, and Will Counties, supplemental topographic, rim/invert, SUE/potholing and utility data from various sources, GNSS/GPS and terrestrial, within Autodesk Civil 3D base CAD files and construct a triangulated irregular network (TIN) model across the project length to be able to generate proposed 1"=50' plan and profile sheets on a consistent and unified vertical and horizontal datum. TIN model will also allow for 3-D utility modeling at specific locations to verify proposed water main elevations. Identification of property corner details for purposes of right-of-way verification and/or future easement acquisition will be completed as determined by Consultant. The estimated length of plan/profile sheets across two final route alignments is 35 miles (200 total sheets).
 - f. Arborist
 - 1) Provide the services of an Illinois Certified Arborist to identify trees that will need protection during construction.
 - 2) Identify the form of protection to be provided for individual trees.
 - 3) Provide construction details for needed means of protection for incorporation into the water transmission system drawings.
2. Task 2 – Geotechnical and CCDD Services (REL Lead)
- a. Provide up to 200 soil borings at approximately 1,000-foot intervals along entire route, and on both sides of 10 remaining tunnel crossings (e.g., crossings of IDOT highways, Fox River, etc.), not completed during Phase I. This work will also include field staking of all boring locations and correlating elevation data at boring locations with Survey data in Task 5
 - b. Conduct a preliminary Clean Construction/Demolition Debris (CCDD) sampling and testing evaluation during the advancement of

approximately 75 geotechnical soil borings to identify potentially clean and potentially contaminated areas along the proposed water main project area. Collect soil samples during the boring operation for testing. Note: Per ComEd, no CCDD investigations will be performed within ComEd right-of-way. Collected soil samples will be submitted to an accredited laboratory with a standard turnaround time for analytical testing results. The testing parameters in the identified PIP project areas will include VOCs, SVOCs, RCRA 8 Total Metals, pH and possibly TCLP or SPLP testing on 7 of the 8 RCRA metals, as determined necessary by Consultant.

- c. Prepare five (5) geotechnical reports including all boring logs outlining the findings of the sample program, signed, and sealed by an Illinois registered professional engineer. These reports will be structured to include all locations within the four respective transmission main construction contracts and the one metering station contract, in order to make them for use by bidders on each construction package.
 - d. Prepare five (5) environmental reports summarizing laboratory results and CCDD construction recommendations of the sample program, prepared by an experienced senior scientist. These reports will be structured to include all locations within the four respective transmission main construction contracts and the one metering station contract, in order to make them readily usable by bidders on each construction package.
3. Task 3 – Subsurface Engineering (SUE) (REL Lead)
- a. Provide SUE services field surveys along approximately 25 miles of the pipeline route within urbanized areas expected to have the most utilities impacting the proposed water transmission main construction to verify other utility (gas pipelines, oil pipelines, fiber optic lines, telecommunication lines, etc.) elevations, together with design JULIE locates at key crossings would be performed. This effort would supplement aerial LIDAR and field elevation data to be collected and combined into the project base CAD files. Specific spot SUE field surveys within approximately 6 miles of rural areas will also be performed on an as needed basis.
 - b. Provide up to 200 utility potholing and associated grass and pavement restoration. Potholes and/or vacuum excavations at key utility crossing locations to be performed by a local contractor. Relevant utility conflicts will be identified and assessed early on during the design effort. This effort also includes field staking of potholing locations, obtaining elevation data for excavated utilities, and adding them to 3D utility model.

4. Task 4 – Right-of-Way / Easement Acquisition (REL Lead)
 - a. Manage the solicitation, documentation, and ultimate purchase/assembly of the identified easements from Phase I in conjunction with DWC Staff.
 - b. Obtain and manage up to 20 additional title commitments as may be required due to potential route changes.
 - c. Prepare plats of easement with associated legal descriptions for approximately 150 parcels along proposed water transmission main route as identified during Phase I. Plats and legal descriptions to be signed and sealed by registered Illinois Professional Land Surveyor.
 - d. Assist DWC to acquire properties and easements utilizing professional acquisition services applicable to federally funded projects including certified appraisals, review appraisals and negotiations as may be applicable. Needed property shall be acquired by fee simple, dedication, temporary/permanent easement, or temporary use permit as determined by DWC and design team.
 - e. Make determinations of appraised fair market value in accordance with the IDOT Land Acquisition Policies and Procedures Manual (LAPPM) and the Uniform Appraisal Standards for Federal Land Acquisitions (Yellow Book). An Appraisal Review Certification shall be prepared for review appraisals by the Review Appraiser in accordance with the Yellow Book and LAPPM.
 - f. Act as DWC representative with affected property owners in leading land acquisition negotiations. The Negotiator will work with the design team and DWC staff to develop schedules, maintain communications and provide progress reports throughout the project.
 - g. Provide necessary documentation for eminent domain action by DWC for parcels unable to reach negotiated settlements, and coordinate with DWC attorneys as may be needed.
 - h. Provide title review and an attorney's approval letter for each affected parcel.
 - i. Attend real estate closings for each acquired parcel.
5. Task 5 – Phase I Environmental Site Assessment (ESA) (SCI Lead)
 - a. Complete and update a Phase I ESA along the 31-mile route in accordance with the American Society for Testing and Materials (ASTM) Practice E1527-21. The purpose of the Phase I ESA is to identify the presence or absence of Recognized Environmental Conditions (RECs) as defined by the standard.

- b. The Phase I ESA process includes a search of standard historical sources (e.g., aerial photographs, topographic maps, and historical fire insurance maps), a review of federal and state environmental databases, interviews with past and present owners, operators, and occupants of the site, and an on-site reconnaissance to determine the presence or absence of RECs.
 - c. Visit the sites to examine and document the current uses and conditions. Seek owners to ask pertinent questions, including those outlined as user responsibilities on the questionnaire in ASTM E1527-21. A title search is not part of this scope of services.
 - d. Make reasonable attempt to conduct interviews with the current owner, available past owners, and occupants, state and local regulators, the local fire department, and other persons or agencies that may have knowledge of current or historical environmental conditions at the site.
6. Task 6 – Wetland Delineation (SCI Lead)
- a. Under Phase I, the ComEd corridor was visited and studied to complete the necessary ComEd checklists. Under Phase II, the wetlands study will be updated and completed based on the final alignment. Impacted areas will be evaluated for the presence of wetlands and other Waters of the United States (WOTUS). This information will be used to avoid and/or minimize impacts to WOTUS and other areas of special concern. To minimize the amount of field work necessary, a desktop review of the area will be performed prior to the site visit. This will involve gathering background information pertaining to the site such as local soil survey data, previously performed wetland delineations (if available), and National Wetland Inventory (NWI) maps.
 - b. Delineation of the Site will be done in accordance with USACE 1987 Manual and the August 2010 USACE Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region and will take place within the USACE recognized wetland growing season. The wetland delineation will be based on soil composition, hydrology of the site, and vegetation present at the time of the site visit. Observations will be documented on approved USACE data forms and included in the final report. If wetlands are found to exist within project boundaries, their limits will be recorded using a handheld GPS device for use in Arc GIS software and added to the plan and profile sheets as applicable. It is assumed that consultant personnel will be granted access to the property, and that project personnel will be available to answer questions prior to, during, and/or following site reconnaissance activities.

7. Task 7 – Phase I Archaeology and Cultural (SCI Lead)
 - a. Complete cultural study based on final alignment. The primary objective of a Phase I cultural resources survey is to identify and record all cultural resources within a project area. Cultural resources can include prehistoric Native American habitation sites, historical farmstead sites, standing structures, or other man-made features such as earthworks, old roadbeds, or cemeteries. The study will also detail avoidance and minimization measures identified in consultation with the State Historic Preservation (SHPO) and/or Tribal Historic Preservation Officer (THPO).
 - b. Perform Phase I archaeology study due to proximity of the alignment to cemeteries. For Phase I surveys, portions of a survey area must be examined by systematic shovel testing whenever possible, in combination with systematic pedestrian survey, and/or additional techniques such as augering, coring, soil probes, or mechanically excavated trenching, depending upon the surface conditions and potential for deeply buried archaeological sites.
8. Task 8 – Special Species Survey (SCI Lead)
 - a. Construction disruption to land may also disturb the native habitat on the site. Given this possibility, WIFIA funding requires a Threatened, Endangered, and Special-Status Species Survey to determine if the proposed alignment serves as a habitat for one of these protected species. Both desktop and fieldwork will be performed to identify and map special status habitats. Should a habitat be identified, additional survey to determine breeding and spawning seasons, migration, growth and propagation and activity periods.
9. Task 9 – WIFIA PEA Checklist (SCI Lead)
 - a. The Programmatic Environmental Assessment (PEA) Environmental Questionnaire helps verify the applicability of the PEA for a Water Infrastructure Finance and Innovation Act (WIFIA)-funded project. Compliance with other federal and state environmental laws and regulations is required, as appropriate and applicable. The WIFIA PEA Checklist will be utilized by EPA to determine on Categorical Exclusion for the project.
 - b. Tasks 5-8 above are required as part of the WIFIA PEA Checklist. The Checklist also included additional research and studies including impacts to biological resources, geology and soils, socioeconomic and environmental justice, land use, transportation and traffic, utilities and community services, air quality, human health and safety, impacts from noise and vibration and hazardous and toxic materials and waste.

10. Task 10 – Supplemental Hydraulic Modeling (SCI Lead)
 - a. Supplemental hydraulic modeling will be performed on an additional service basis. This task is to study and evaluate pipeline sizes, pressure, hydraulic grade lines, and velocities based on final water demand requests for non-WaterLink customers or on an as-needed basis by the Commission.
 - b. DWC will assist in information transfer from the requesting customer.
 - c. The existing Innowyze InfoWater model will be used for these evaluations.
 - d. Reconfirm existing data points in the model such as elevations and pressures and add/modify determined elevations, fittings, valves, segment lengths, discharge locations, and flow rates along the route that may impact system operations.
 - e. Summarize findings in a technical memorandum to the Commission.
11. Task 11 – Cathodic Protection Design & Field Investigation (LAN Lead)
 - a. Perform electromagnetic conductivity survey of the existing soil along the entire pipeline alignment.
 - b. Changes in soil resistivity will be confirmed and measured using the Wenner Four Pin Method, and upon analyzing the soil resistivity data, recommendations for further soil testing will be provided to the Geotechnical Engineer.
 - c. Prepare a cathodic protection memorandum in coordination with pipe materials memorandum, outlining the various design requirements for pipe materials proposed for consideration.
 - d. Determine if soil conditions and potentials are corrosive to metallic structures.
 - e. Evaluate areas along the route for stray current sources.
 - f. Design piping system for continuity and isolation.
 - g. Estimate current requirement for cathodic protection system and design cathodic protection system to meet demands.
 - h. Prepare cathodic protection details and technical specifications for inclusion in the contract documents.
 - i. Four trips (4) for professional corrosion engineer to visit site.
 - j. Does not include induced AC current mitigation design.

- 12. Task 12 – Additional Bid Package Allowance (by Authorization Only)
 - a. Allowance to split Transmission Main Design Package No. 1 under Task 3 Basic Services into two (2) separate bid packages to allow for pipeline and associated restoration along Book Rd to be constructed separately. This portion of the project has no easement acquisition required from private land owners, so prioritizing this segment may prove beneficial to the overall project schedule.
 - b. This task will only be used with authorization from DWC.
- 13. Task 13 – Owner Design Contingency Allowance (by Authorization Only)
 - a. Allowance to cover changes in project scope.
 - b. This task will only be used with authorization from DWC.

END OF ADDITIONAL SERVICES

- 3. **Approvals and Authorizations:** Consultant shall obtain the following approvals and authorizations:

None

- 4. **Commencement Date:**

Effective Date of This Task Order

- 5. **Completion Date:**

N/A

- 6. **Submittal Schedule:**

N/A

- 7. **Key Project Personnel:**

Lockwood, Andrews & Newnam, Inc.	Stanley Consultants, Inc.	Robinson Engineering, Ltd.
Warren Green, PE Project Director	Kate Despinoy, PE Project Manager	Aaron Fundich, PE Project Manager
Ozzie Garza, PE Project Manager	Larry Thomas, PE Quality Control	Jennifer Prinz, PE Quality Control

Jeremy Nakashima, PE
Quality Control
Review

Michael Colby, PE
Hydraulic Modeling

Dave Barnas, PE
Constructability

Greg Henry, PE
Tunnel Engineering
Engineering

Patrick Haney, PE
Pipeline Engineering

Tom Nagle, PE
Pipeline

Christine Kirby, PE
Coatings & Linings

Jared Hamilton, PE
Constructability Review

Randall Gann, PLS
Surveying

Mike Quinnell, PE
Process Engineer

Brian Degen, PE, SE
Structural Engineer

William Dolan, PE
Transportation

Ben McCray, PE
Corrosion Engineer

Chad Chamberlain, RA, NCARD
Architect

John Hislen, PE
Civil Design

Jeff Hansen, PE
Pipeline Engineer

Paul Ruscko, PE
Project Manager

Bob Card, PE
Pipe Design

Jim Dean, PE
Electrical/Mechanical Engineer

8. **Contract Price:**

We propose that our fees for this Phase II work (including reimbursable expenses) will be Twenty Million, Nine Hundred Seventy Nine Thousand, Two Hundred Forty-Two Dollars (\$20,979,242) which will not be exceeded without written authorization from the Commission.

See Attached Tables for Breakdown Payments:

The fees for the Basic Services shall be based on a lump sum basis for the scope of work as described in the preceding sections. This fee shall not be changed unless there is a change in the scope of services and the Commission authorizes the change in scope and associated fee.

The proposed fees for the Additional Services are a Not-to Exceed amount and will be billed based on our contract price for providing, performing, and completing each phase of services. Fee will be based on an amount that Includes labor costs plus an amount equal to the actual costs of all reimbursable expenses including specialized sub-consultants.

“Reimbursable” or “reimbursable expense” shall be defined as a cost incurred by the Consultant in performing services on the Project, beyond the standard labor and overhead costs otherwise outlined in the Master Agreement and shall be applicable individually to any Work Order, Authorization or Notice-to-Proceed issued under such Master Agreement. Reimbursables include costs incurred in relation to:

- Transportation and authorized out-of-town travel and subsistence.
- Fees paid for assisting in obtaining the approval of authorities having jurisdiction over the Project.
- Printing, reproductions, plots, standard form documents.
- Postage, handling, and delivery.
- Expense of overtime work requiring higher than regular rates, if authorized in advance.
- Renderings, models, mock-ups, professional photography, and presentation materials requested.
- Site office expenses. (not required for Phase II)
- Other similar Project-related expenses.

The list above is not intended to be exhaustive. Other Project-related costs incurred by Consultant that do not appear on the list above, are nonetheless considered to be reimbursable expenses. Costs incurred by Consultant shall also be read to mean costs incurred by Consultant’s subsidiaries, employees, contractors, and consultants.

9. **Payment:**

For purposes of payments to Consultant, the value of the Services under this Task Order shall be determined as follows: Monthly Billing

10. **Special Safety Requirements:**

None.

11. **Modifications to Contract:**

As may be established by the General Manager of Owner and confirmed by an authorized officer of Consultant in writing.

12. **Attachments:**

Exhibit B – Level of Effort (Original)

Exhibit C – Additional Costs Associated with First Amendment to Task Order No. 03

The Effective Date of this Task Order is March 19, 2026.

DuPAGE WATER COMMISSION

By: _____
Paul D. May, P.E. General Manager

DWC DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Jeff Loster, P.E.
Title: Engineering Manager
Address: 600 East Butterfield Road, Elmhurst, Illinois 60126-4642
E-mail: loster@dpwc.org
Phone: (630) 834-0100

Lockwood, Andrews & Newnam, Inc.

By: _____

Name: J. Warren Green, P.E.
Title: Vice President/Chief Engineer

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: J. Warren Green, P.E.
Title: Vice President/Chief Engineer
Address: 18W140 Butterfield Road, Suite 920, Oakbrook Terrace, IL 60181
E-mail: jwgreen@lan-inc.com
Phone: 630-918-2494

Exhibit B
Level of Effort - Phase II Services
DuPage Water Commission
WaterLink Extension

NO.	TASK DESCRIPTION	PRINCIPAL / PROJECT DIRECTOR	SENIOR PM	PM	SENIOR ENGINEER/ SME	ENGINEER VII	ENGINEER VI	ENGINEER V	ENGINEER IV	ENGINEER III	ENGINEER II	ENGINEER I	SENIOR DESIGNER	CADD DESIGNER	GIS COORDINATOR	GIS DEVELOPER	FIELD SUPERINTENDENT	CHIEF LAND SURVEYOR	LAND SURVEYOR	PROJECT CONTROLS ADMINISTRATOR	ADMIN. ASSISTANT	TOTAL HOURS	TOTAL FEE
		BILLING RATE RANGE	\$415 to \$368	\$350 to \$300	\$262 to \$202	\$395 to \$315	\$325 to \$285	\$268 to \$237	\$250 to \$190	\$200 to \$172	\$170 to \$160	\$150 to \$148	\$140 to \$130	\$210 to \$202	\$175 to \$126	\$211 to \$201	\$184 to \$175	\$236 to \$225	\$215	\$162	\$198 to \$180	\$124 to \$110	
1.0	Project Management	406	544	1080	164	0	130	0	0	240	0	0	120	0	80	0	92	172	0	230	0	3258	\$850,704
2.0	Project Coordination & Meetings	420	175	768	76	0	180	0	64	290	40	80	80	0	0	40	40	80	0	116	0	2449	\$612,738
3.0	Transmission Main Design Package 1	49	338	756	812	350	1278	1578	1052	1580	1220	1220	2134	2840	0	160	0	24	0	120	68	15579	\$3,083,915
4.0	Transmission Main Design Package 2	257	1398	128	1300	16	30	158	630	2184	0	1224	724	2580	0	0	80	64	0	0	0	10849	\$1,998,429
5.0	Transmission Main Design Package 3	27	126	408	452	320	174	220	720	336	500	480	792	894	0	160	0	0	0	0	0	5705	\$1,167,503
6.0	Transmission Main Design Package 4	124	454	1580	1004	300	430	512	412	3120	0	2068	1420	3104	0	0	0	0	0	192	24	14744	\$2,899,230
7.0	Metering Station Design Package	100	156	106	240	210	160	100	0	552	0	0	144	1046	24	0	0	0	0	0	64	2902	\$555,546
8.0	Chemical Feed Building Design Package	10	24	50	36	80	156	100	0	168	0	0	10	320	2	0	2	16	0	0	12	986	\$189,126
9.0	Permitting	92	224	466	264	60	0	296	80	336	120	340	0	120	0	0	0	8	0	0	0	2482	\$529,820
10.0	Bidding Assistance and Contractor Selection	96	184	262	160	24	116	152	0	376	120	436	128	192	4	32	0	0	0	76	112	2470	\$511,184
TOTAL HOURS		1581	3623	5604	4508	1360	2654	3116	2958	9182	2000	5848	5552	11096	110	392	214	364	0	870	392	61424	
TOTAL FEES		\$540,195	\$988,398	\$1,531,472	\$1,402,860	\$412,840	\$615,210	\$680,550	\$526,200	\$1,466,388	\$300,000	\$777,568	\$1,157,104	\$1,572,550	\$22,110	\$71,840	\$48,150	\$78,260	\$0	\$161,940	\$44,560		\$12,398,195
TOTAL BASIC SERVICES LUMP SUM FEE																						\$ 12,398,195	

Additional Services (Not-to-Exceed)	Subtotal
Task 1 & 3 - Survey / SUE / Potholing / Existing Conditions CADD (REL)	\$ 2,048,375
Task 2 - Geotechnical & CCDD Investigations (REL)	\$ 1,349,575
Task 4 - ROW / Easement Acquisition Services (REL)	\$ 1,806,275
Task 5 - Phase 1 ESA (SCI)	\$ 47,880
Task 6 - Wetlands Delineation (SCI)	\$ 47,700
Task 7 - Cultural/Archaeology (SCI)	\$ 111,022
Task 8 - Special Species (SCI)	\$ 44,300
Task 9 - WIFIA PEA Checklist (SCI)	\$ 72,600
Task 10 - Supplemental Hydraulic Modeling (SCI)	\$ 50,020
Task 11 - Cathodic Protection Design and Field Investigation (LAN)	\$ 775,000
Task 12 - Additional Bid Package Allowance (by Authorization Only)	\$ 85,000
Task 13 - Owner Design Contingency Allowance (by Authorization Only)	\$ 1,000,000
TOTAL	\$ 7,437,747

Basic Services Reimbursable Expenses (Estimated)	Subtotal
Expense Allowance	\$ 121,000
TOTAL	\$ 121,000

TOTAL PHASE II SERVICES FEE	\$ 19,956,942
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Exhibit C

ComEd Additional Coordination and Design Modifications, TW-6/25 Section 3C Realignment Design, Additional Service Overages

LAN ComEd Additional Coordination & Realignment Design Revisions	\$ 115,000.00	Additional coordination meetings, alignment revisions, structure modifications, easement modifications, and submittals per multiple ComEd Reviews
LAN TW-6/25 Section 3C Realignment Design	\$ 992,000.00	Water transmission main redesign, Fox River crossing, trenchless designs, permitting, QC
SCI ComEd Additional Coordination & Realignment Design Revisions	\$ 130,800.00	Additional coordination meetings, alignment revisions, structure modifications, easement modifications, and submittals per multiple ComEd Reviews
SCI TW-6/25 Section 3C Realignment Design - Wetland Delineations	\$ 37,480.00	Wetland delineations & report updates, permitting, soil & erosion control, \$1600 mobilization expenses
SCI TW-6/25 Section 3C Realignment Design - Permitting	\$ 51,300.00	Includes \$7500 for permit expenses (\$3,311 already expended to date not in original scope)
SCI TW-6/25 Section 3C Realignment Design - Soil and Erosion Control Design	\$ 32,700.00	Erosion control design and sheet preparation
SCI MS 22 Additional Architectural Treatments & Structural	\$ 27,240.00	For additional architectural treatments on a per community basis (original scope included 1 treatment design)
SCI Environmental Subconsultants (Additional Services)	\$ 40,900.00	Additional effort/mobilizations for realignments (TW-6 S3C, FW-1 S1-S2)
REL ComEd Additional Coordination & Realignment Design Revisions	\$ 40,000.00	Multiple easement exhibit revisions for alignment and structure modifications
REL TW-6/25 Section 3C Realignment Design - Roadway & MOT	\$ 50,000.00	Roadway reconstruction design, MOT, detours for revised alignment
REL Survey / SUE / Potholing	\$ 439,880.00	SUE and pothole quantities above original scope due to realignments, new routes, additional identified utilities
REL Geotechnical	\$ 150,000.00	Geotechnical boring quantities above original scope due to realignments, new routes, tighter spacing in poor soil areas
Total Fee Request	\$ 2,107,300.00	
Phase 2 Contract Unauthorized Contingency Funds	\$ 1,085,000.00	Requesting authorization of these funds
	\$ 1,085,000.00	
Phase 2 Additional Funds Required	\$ 1,022,300.00	Additional funds beyond the Phase 2 Contract amount
Additional Phase 2 Fee Request	\$ 1,022,300.00	

Fees Moved to Phase 1 rollover funds (For Information Only)

REL move 110 Potholes to Phase 1	\$ (456,500.00)	moved potholes to Phase 1 remaining fee
REL move 12,200 LF of LIDAR to Phase 1	\$ (25,686.00)	moved additional LIDAR to Phase 1 remaining fee
REL 2nd Fox River Survey to Phase 1	\$ (10,500.00)	moved additional Fox River survey to Phase 1 remaining fee
Subtotal	\$ (492,686.00)	total move to Phase 1 rollover
Phase 1 Remaining Funds rolled over to Phase 2	\$ 492,686.00	
REL Pothole Cost Reduction	\$ (91,300.00)	REL cost reduction from Phase 2 by moving potholes to Phase 1 unit prices