

**AMENDING RESOLUTION 2023-074 TO INCREASE THE COMBINED PROJECT TOTAL FOR MAINTENANCE INSPECTION AND REPAIR TO WELL NO. 16 AND WELL NO. 17 TO AN AMOUNT NOT TO EXCEED \$165,495.50 (LAYNE CHRISTENSEN COMPANY).**

**WHEREAS**, the City of DeKalb (the "City") is a home rule unit of local government which may exercise any power and perform any function pertaining to its government and affairs pursuant to Article VII, Section 6, of the Illinois Constitution of 1970; and

**WHEREAS**, on July 24, 2023, the City's corporate authorities adopted Resolution 2023-074, which authorized approved an agreement with Layne Christensen Company for maintenance inspection and repair to Well Nos. 16 & 17 in an amount not to exceed \$140,000; and

**WHEREAS**, due to unforeseen circumstances, the total costs of the repairs will exceed \$140,000 in an amount not to exceed \$165,495.60; and

**WHEREAS**, the City's corporate authorities find that it is in the City's best interests to amend Resolution 2023-074 as provided by this Resolution for the protection of the public health, morals, and welfare; and

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF DEKALB, ILLINOIS:**

**SECTION 1:** The recitals to this resolution are true, material, adopted and incorporated as Section One to this Resolution.

**SECTION 2:** The City's corporate authorities adopt an amendment to Section Two of Resolution 2023-074 to state as follows:

***SECTION 1:** The City's corporate authorities approve, authorize, direct, and ratify an agreement, in a form acceptable to the City Manager, with Layne Christensen Company for maintenance inspection and repair to Well Nos. 16 & 17 in an amount not to exceed \$165,495.50.*

**SECTION 3:** Except as otherwise provided by this Resolution, the provisions of Resolution 2023-074 shall remain in full force and effect. To the extent that there is a conflict between this Resolution and Resolution 2023-074, the provisions of this Resolution shall govern and control.

**SECTION 4:** This resolution and each of its terms shall be the effective legislative act of a home rule municipality without regard to whether such resolution should (a) contain terms contrary to the provision of current or subsequent non-preemptive state law, or (b) legislate in a manner or regarding a matter not delegated to municipalities by state law. It is the intent of the corporate authorities of the City of DeKalb that to the extent that the terms of this resolution should be inconsistent with any non-preemptive state law, that this resolution shall supersede state law in that regard within its jurisdiction.

**SECTION 5:** This resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL** of the City of DeKalb, Illinois at a Regular meeting thereof held on the 27<sup>th</sup> day of November 2023 and approved by me as Mayor on the same day. Passed by an 8-0 roll call vote. Aye: Zasada, Larson, Smith, Perkins, McAdams, Verbic, Walker, Barnes. Nay: None.



  
COHEN BARNES, Mayor

ATTEST:



Ruth A. Scott, Executive Assistant



Layne Christensen Company  
721 W. Illinois Avenue  
Aurora, IL 60506

630/897-6941  
graniteconstruction.com

October 2, 2023

Mr. Bryan Faivre  
City of DeKalb  
Department of Public Works  
1216 Market Street  
DeKalb, IL 60115

Re: Wells 17 Hitachi Motor

Mr. Faivre:

As our crew loaded to mobilize to install the Well 17 pump, they found the motor's internal water leaking out through the motor seal. Layne's initial inspection of this motor did not observe/report this situation. Unfortunately, the motor needs to be returned to the manufacturer for inspection and repairs.

Under these circumstances, the revised repair estimate is as follows:

Well 16

Based upon the recommendations of the PIR, estimated project cost is as follows:

1. Labor and equipment to remove pump, inspect components, HyPot test cable	\$ 12,500
2. New Hitachi 50 HP, 460V, 10", 4-Pole submersible motor 2 week lead time	\$ 36,638 *
3. Rebuild bowl assembly, estimate	\$ 7,000
4. Rehabilitate Line Pipe, including epoxy coat, estimate	\$ 13,000
5. Replace pitless nipple, estimated	\$ 2,500
6. Miscellaneous consumables (airline, banding, etc.) estimate	\$ 1,000
7. Remobilize, set and test pump, estimate	\$ 16,000
Total Well 16 Project Estimate	\$ 88,638

Well 17

1. Labor and equipment to remove pump, inspect components, HyPot test cable	\$ 12,500
2. New Hitachi 50 HP, 460V, 10", 4-Pole submersible motor 2 week lead time	\$ 36,638 *
3. Rebuild bowl assembly, estimate	\$ 9,500
4. Rehabilitate Line Pipe, including epoxy coat, estimate	\$ 12,000
5. Replace pitless nipple, estimated	\$ 2,500
6. Miscellaneous consumables (airline, banding, etc.) estimate	\$ 1,000
7. Remobilize, set and test pump, estimate	\$ 16,000
Total Well 17 Project Estimate	\$ 90,138

- Both Item 2s include the worst case scenario of purchasing a new 50 HP Hitachi motor. The manufacturer's rep suggests that a typical repair of this type will commonly cost \$19,000 for rewind and bearing replacement. Layne suggests waiting for the repair reports and confirmed repair estimates which we should have in 3 to 4 weeks. If the repair options are acceptable, the Project Estimate could be reduced by as much as \$34,000. We would expect to have a repaired motor back within 3 to 4 weeks of giving a notice to proceed.

The City has approved up to \$130,000 for this Well 16 & Well 17 project.

Total Project estimate with (2) new motors is \$178,776

Total Project Estimate with (2) repaired motors is \$144,776

Layne is proceeding with all other repairs as outlined above and has boxed the well 17 motor for shipment pending the City's written authorization to proceed.

If you have any questions or comments, please do not hesitate to contact me.

Layne Christensen Company



William Balluff, P.E.  
WRD Account Manager III

**AUTHORIZING THE WAIVER OF COMPETITIVE BIDDING AND APPROVING AN AGREEMENT WITH LAYNE CHRISTENSEN COMPANY FOR MAINTENANCE INSPECTION AND REPAIR TO WELL NO. 16 AND WELL NO. 17 IN THE AMOUNT OF \$130,000 WITH STAFF AUTHORITY TO APPROVE MISCELLANEOUS REPAIRS IN AN AMOUNT NOT TO EXCEED \$140,000.**

**WHEREAS**, the City of DeKalb (the "City") is a home rule unit of local government and may exercise any power and perform any function pertaining to its government and affairs pursuant to Article VII, Section 6, of the Illinois Constitution of 1970; and

**WHEREAS**, City Staff negotiated an agreement with Layne Christensen Company to maintain and repair Well No. 16 and Well No. 17 of the City's potable water system for a total cost of \$130,000 in the form attached and incorporated as Exhibit A (the "Agreement"); and

**WHEREAS**, the City's corporate authorities find that approving the Agreement is in the City's best interests for the protection of the public health, safety, morals, and welfare; and

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF DEKALB, ILLINOIS:**

**SECTION 1:** The recitals to this resolution are true, correct, adopted and incorporated as Section One to this Resolution.

**SECTION 2:** The City's corporate authorities authorize, approve, and ratify the Agreement, subject to such changes as the City Manager may deem to be in the City's best interests, with staff authority to approve a total project cost not to exceed \$140,000.

**SECTION 3:** This resolution and each of its terms shall be the effective legislative act of a home rule municipality without regard to whether such resolution should (a) contain terms contrary to the provision of current or subsequent non-preemptive state law, or (b) legislate in a manner or regarding a matter not delegated to municipalities by state law. It is the intent of the City's corporate authorities that to the extent that the terms of this resolution should be inconsistent with any non-preemptive state law, this resolution shall supersede state law in that regard within its jurisdiction.

**SECTION 4:** This resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL** of the City of DeKalb, Illinois at a Regular meeting thereof held on the 24<sup>th</sup> day of July 2023 and approved by me as Mayor on the same day. Passed by an 8-0 roll call vote. Aye: Zasada, Larson, Smith, Perkins, McAdams, Verbic, Walker, Barnes. Nay: None.



  
COHEN BARNES, Mayor

ATTEST:



Ruth A. Scott, Executive Assistant