



WATER · MINERAL · ENERGY

June 30, 2015

Mr. Robert Leible
City of Aurora
44 E. Downer Place
Aurora, IL 60507

Re: Well #23

Mr. Leible:

Please find attached our Pump Inspection Report detailing our review and recommendations regarding the repair of the Well #23 pump components.

Per the recommendations of the report, the repair estimates break down as follows:

1. Cost to date to remove, clean, and inspect pump components	\$24,800
2. Attach guides to spare motor	500
3. Rebuild bowl assembly with custom wear rings, bushings, new impeller shaft, ceramic coating of casting undercuts	12,500
4. Haul Line Pipe to Aurora yard, power wash exterior and interior, contingency for up to ten Line Pipe cut and rethread, replace two 10" surge control valves, furnish 10" x 3' stainless nipple for bowl discharge, return Line Pipe to job site	16,500
5. Furnish 930' of #2/3C submersible cable	16,833
6. Furnish new flat cable	6,320
7. Furnish transducer with 1 ¼" PVC conduit. Install conduit.	7,100
8. Televiser well	1,500
9. Contingency for 24 hours of sand bailing	10,000
10. Remobilize, reinstall and test pump, demobilize	<u>27,000</u>
Total Project Estimate	\$123,053

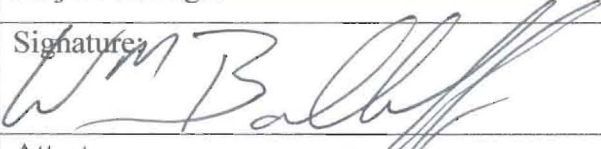
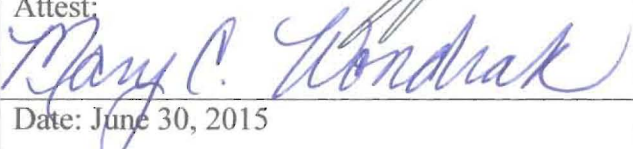
Layne Christensen Company

William Balluff, P.E.
Senior Project Manager

WATER RESOURCES

Exhibit 1
Task Order
Phase II

Date	June 30, 2015
Project Name	Aurora Well #23 Pump Rehabilitation
Project Scope	<ul style="list-style-type: none"> • Attach guides to spare motor • Rebuild bowl assembly with custom wear rings, bushings, new impeller shaft, interior ceramic coat • Haul Line Pipe to Aurora yard, power wash exterior and interior • Contingency for up to ten Line Pipe cut and rethread, replace two 10" surge control valves, furnish 10" x 3' stainless nipple for bowl discharge, return Line Pipe to site • Furnish 930' of #2/3C submersible cable • Furnish new flat cable motor link • Furnish transduce with 1 1/4" PVC conduit. Install conduit • Televis well • Contingency for 23 hours sand bailing • Remobilize, reinstall, test, and demobilize
Schedule / timeline	As required and dictated by the City of Aurora and within Layne Christensen's competences.
Additional Information	See cover proposal and cost estimates dated June 30, 2015

City of Aurora, IL	Layne Christensen Company
Print Name:	Print Name: William Balluff, P.E.
Title:	Title: Project Manager
Signature:	Signature: 
Attest:	Attest: 
Date:	Date: June 30, 2015