



**CONTRACT MODIFICATION (CHANGE ORDER FORM)**  
 CITY OF POMPANO BEACH  
 P.O. Drawer 1300

Pompano Beach, FL 33061

The City Manager has the authority to approve all construction change orders up to ten percent (10%) of the project's original total cost or **\$75,000.00**, whichever is lower, on a cumulative or aggregate basis. The City Commission must formally approve all other change orders in excess of the City Manager's approval authority prior to work being performed. The City Engineer, CIP Manager and Project Manager have the discretion to review and approve non-compensatory time-extensions as and when needed up to ninety (90) days or 25% of the Contract time, whichever is lower. The City Manager must be notified once the project is delayed by more than ninety (90) days, or 25% of the contract time, whichever is lower.

Project Name:	Deep Well Relining Project	Contract #:	E-31-17
Project Number:	E-31-17	Date:	1/11/2018
Project Manager:	Jason Mraz		
Owner:	City of Pompano Beach	Change Order #:	1
Contractor:	Layne Christensen Company		
All items and terms and conditions of the original contract #E-31-17 dated 6/21/17 that are not specifically changed in conjunction with this change order remain unchanged and in full force and effect.			

The following modifications to the CONTRACT are hereby ordered:

Notwithstanding anything to the contrary in the Contract Documents, Layne Christensen Company (Contractor) shall have no liability for damages, including consequential damages, no warranty obligations, and no other obligations relating to defects in the Work or Work not in accordance with the Contract Documents when directly caused by the condition of the existing casing, rather than by Contractor's Work, equipment, materials, or workmanship.

Exhibit 1 – Phased Remedial Plan and Exhibit – 2 Time and Materials Cost Rate Sheet are attached hereto and by reference incorporated herein and made a part hereof.

CONTRACT AMOUNT			CONTRACT TIME (Calendar Days)		
Original	\$	1,088,350	Original Contract Time	75	Days
Previous Changes (+/-)	\$		Previous Changes (+/-)	30	Days
This Change Order (+/-)	\$	577,500	This Change Order (+/-)	56	Days
Revised Contract Amount	\$	1,665,850	Revised Contract Time	161	Days
% change from Original ( this CO)		53%	Cumulative COs		%
Revised Contract Completion Date Is		N/A			

OWNER	CONSULTANT	CONTRACTOR
City of Pompano Beach	Stanlec Consulting Services Attn: Neil Johnson	Layne Christensen Company
P.O. Box 1300	800 Fairway Drive, Suite 195	5061 Luckett Rd
Pompano Beach, FL 33061	Deerfield Beach, FL 33441	Fort Myers, FL 33905

<b>CITY MANAGER</b>	<b>Department Head</b>
Gregory P. Harrison	Randolph Brown
By:	By:
Date: 1-12-18	Date: 1/12/18

CITY ENGINEER	CIP MANAGER	GENERAL SERVICES DIRECTOR
City of Pompano Beach	City of Pompano Beach	City of Pompano Beach
1201 NE 5 <sup>th</sup> Avenue	1201 NE 5 <sup>th</sup> Avenue	1190 NE 3 <sup>rd</sup> Avenue
Pompano Beach, FL 33060	Pompano Beach, FL 33060	Pompano Beach, FL 33060
By: <i>[Signature]</i>	By: <i>[Signature]</i>	By: <i>[Signature]</i>
Date: 1/12/18	Date: 1/16/2018	Date: 1/12/18

Change Order Category	Sub Category
<input type="checkbox"/> Owners Request <input checked="" type="checkbox"/> Unforeseen <input type="checkbox"/> Consultant Error / Omission	<input type="checkbox"/> Regulatory Compliance <input checked="" type="checkbox"/> Safety/ Emergency

A copy of the Contract Modification (Change Order) form must be attached to the Original Purchase Order for documentation purposes

THE REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK

**WITNESS WHEREOF**, the parties hereto have caused this Agreement to be executed the day and year hereinabove written.

Witnesses:

**CITY OF POMPANO BEACH**

\_\_\_\_\_

By: \_\_\_\_\_  
LAMAR FISHER, MAYOR

\_\_\_\_\_

By: \_\_\_\_\_  
GREGORY P. HARRISON, CITY MANAGER

Attest:

\_\_\_\_\_  
ASCELETA HAMMOND, CITY CLERK

(SEAL)

APPROVED AS TO FORM:

\_\_\_\_\_  
MARK E. BERMAN, CITY ATTORNEY

STATE OF FLORIDA  
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2018 by **LAMAR FISHER** as Mayor, **GREGORY P. HARRISON** as City Manager, and **ASCELETA HAMMOND** as City Clerk of the City of Pompano Beach, Florida, a municipal corporation, on behalf of the municipal corporation, who is personally known to me.

NOTARY'S SEAL:

\_\_\_\_\_  
NOTARY PUBLIC, STATE OF FLORIDA

\_\_\_\_\_  
(Name of Acknowledger Typed, Printed or Stamped)

\_\_\_\_\_  
Commission Number

**"CONTRACTOR"**

Layne Christensen Company

Witnesses:

Susan L. Marple

Susan L. Marple  
(Print or Type Name)

Kevin P. Maher

(Print or Type Name)

By: [Signature]

Greg McInnis, Regional President for the West

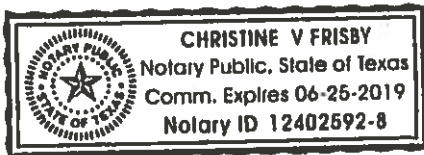
TEXAS  
STATE OF ~~FLORIDA~~

COUNTY OF Montgomery

The foregoing instrument was acknowledged before me this 12<sup>th</sup> day of January, 2018, by Greg McInnis as Regional President for the West of Layne Christensen Company, a Delaware corporation authorized to do business in Florida, on behalf of the corporation. He is personally known to me or who has produced \_\_\_\_\_

(type of identification) as identification.

NOTARY'S SEAL:



[Signature]  
NOTARY PUBLIC, STATE OF ~~FLORIDA~~ TEXAS

Christine V. Frisby  
(Name of Acknowledger Typed, Printed or Stamped)

Notary ID: 12402592-8  
Commission Number

# Exhibit 1

Pompano - Reline Project  
Obstructions removal plan  
12/19/2017

1	Set up equipment for drilling / milling inside of 16" casing	<i>Estimated cost to review point * (rig time, per diem, bits, mills, etc.)</i>
2	Run 10.625" bit, drill collars, drill pipe - drill out / push steel obstructions to bottom	
2a	Run magnet to remove obstructions as needed	
2b	Run nominal 11" mill to remove steel obstructions	
2c	Run nominal 9" mill (if 11" mill is unable to remove / push obstructions)	
2d	Run nominal 11" mill again (after 9" mill is able to reach bridge plug)	
2e	Run bit or mill until two (2) consecutive unimpeded wiper trips to top of plug can be obtained	
<b>PROGRESS REVIEW POINT (ITEM 2e COMPLETION OR 7 DAYS, WHICHEVER OCCURS 1ST)</b>		<b>\$70,000.00</b>
Continue as needed with items 2 through 2e		
<b>PROGRESS REVIEW POINT (ITEM 3 COMPLETION OR 14 DAYS, WHICHEVER OCCURS 1ST)</b>		<b>\$70,000.00</b>
Continue as needed with items 2 through 2e		
3	TV survey (tentative)	
<b>PROGRESS REVIEW POINT (ITEM 3 COMPLETION OR 21 DAYS, WHICHEVER OCCURS 1ST)</b>		<b>\$71,500.00</b>
4	Run 14.75" bit, drill collars, drill pipe - drill out / push steel obstructions to bottom	
4a	Run magnet to remove obstructions as needed	
4b	Run nominal 14" mill to remove steel obstructions	
4c	Run bit or mill until two (2) consecutive unimpeded wiper trips to top of plug can be obtained	
<b>PROGRESS REVIEW POINT (ITEM 4c COMPLETION OR 28 DAYS, WHICHEVER OCCURS 1ST)</b>		<b>\$75,000.00</b>
Continue as needed with items 4 through 4c		
<b>PROGRESS REVIEW POINT (ITEM 4c COMPLETION OR 35 DAYS, WHICHEVER OCCURS 1ST)</b>		<b>\$75,000.00</b>
Continue as needed with items 4 through 4c		
<b>PROGRESS REVIEW POINT (ITEM 4c COMPLETION OR 42 DAYS, WHICHEVER OCCURS 1ST)</b>		<b>\$75,000.00</b>
Continue as needed with items 4 through 4c		
5	Fish metal from top of plug (if unable to reach within 10' of plug with bit or mill) using drill pipe or tubing	
6	Circulate well with fresh water - prep for video survey	
7	TV survey of entire 16" well bore (adequate water clarity required)	
8	Pressure test of 16" casing	
<b>PROGRESS REVIEW POINT (ITEM 8 COMPLETION OR 49 DAYS, WHICHEVER OCCURS 1ST)</b>		<b>\$69,000.00</b>
9	Fish any remaining metal from top of plug	
9a	Spot cement & mill up metal as needed	
10	TV survey to verify all metal has been removed from top of plug	

**PROGRESS REVIEW POINT (ITEM 10 COMPLETION OR 56 DAYS, WHICHEVER OCCURS 1ST)**

**\$72,000.00**

**Estimated Subtotal:**

**\$577,500.00**

**\* All times and costs are estimated - final cost will be based on actual time and materials spent performing the above items  
Estimated costs are based on T & M rates submitted in 11/08/2017 letter**

**11 Proceed with FRP installation, cementing, well completion per specifications**

**Per contract**

## Exhibit 2



November 8, 2017

Mr. Ed Rectenwald  
Stantec / MWH  
3800 Colonial Blvd, Suite 100  
Ft. Myers, FL 33966

Re: Pompano Beach – Injection Well Reline Project

Mr. Rectenwald,

This is a follow-up on the recent meeting between Stantec, City of Pompano, and Layne to discuss the change of scope items for the referenced project. Following is a list of hourly rates for the tasks discussed:

- Well operations (trip pipe / circulate well) with nominal 14" tricone bit – \$635.00 per hr.
- Well operations with nominal 10" tricone bit – \$625.00 per hr.
- Video logging truck operations – \$525.00 per hr. (portal to portal Ft Myers)
- Well operations with 2.375" tubing – \$585.00 per hr.
- Cementing operations with 2.375" tubing – \$565.00 per hr.
- Load fluids for transport off site - \$475.00 per hr.
- Standby time – \$450.00 per hr.
- Daily per diem (4 man crew + supervisor) – \$600.00 per day.

The hourly rates include all time spent in preparing for and implementing the outlined tasks, including daily rig maintenance and preparation; daily safety meeting time will be excluded from the hourly charges. The daily rates listed include the equipment currently on site (drill rig, tool trailer, flatbed trailer, 3 each steel tanks, cement silo, loader, drill pipe, tubing).

Price for milling or fishing tools will be rental cost & freight, + 15%.

Price for disposal of any fluids will be cost + 15%.

Price for any cementing materials will be cost + 15%.

As previously relayed, Layne requests that the total days expended to perform the T & M work be added to the contract completion timeline.

### **WATER RESOURCES**

Injection Wells

5061 Lockett Road, Fort Myers FL 33905 | Office: 239-275-1029 | Fax: 239-275-1025 | [Michael.Sordan@layne.com](mailto:Michael.Sordan@layne.com) | [layne.com](http://layne.com)

Finally, as previously discussed, Layne's concerns about the poor condition of the casing and the potential for problems if we continue working remain, and Layne disclaims responsibility for any further damage that might be caused.

Please advise of any further information you require. We look forward to your reply.

Sincerely,

A handwritten signature in black ink, appearing to read "M. E. Sordan".

Michael E. Sordan  
General Manager, Florida Operations

