

Committee-of-the-Whole Agenda

6:30 p.m.

Tuesday, January 5, 2016

Oath of Office

Oath of office for regular commissioned appointment as Police Officer to Salvador Victor effective December 30, 2015 (hire date June 30, 2014).

Questions on the Agenda

Agenda Items

- 1. Chemical Bids** (Greg Swanson, Utilities General Manager)
- 2. Change Order – Pavement Patching** (Scott Hinton, City Engineer)
- 3. Change Order – Sewer By-Pass** (Scott Hinton, City Engineer)
- 4. Other**
- 5. Public Comment**

Informational

2016 MFT Reallocation (Scott Hinton, City Engineer)

Explanation

1. **A Special Ordinance awarding certain contracts for water treatment chemicals to be used by the Department of Public Works for the calendar year 2016 and authorizing the Utilities General Manager to execute the necessary contract documents for purchase of said water treatment chemicals in the quantities needed.** (Greg Swanson, Utilities General Manager)

Explanation: City staff recommends awarding the annual contracts to the lowest responsive bidders that meet specifications for each water treatment chemical. In the case of polymers, and polyphosphate, staff recommends continued use of water treatment chemicals from the current vendors, until such time as bench, plant and system-wide testing determines that satisfactory performance can be obtained from alternate water treatment chemicals procured at a lower cost and until any related Public Water Supply Operating Permit changes have been authorized by the Illinois Environmental Protection Agency. Additional documentation attached.

Staff Recommendation: Approval

Fiscal Impact: Funds are budgeted in #310-1712-434.06-33, #320-1832-433.06-33 and #320-1833-433.06-33, Chemical Supplies.

Public Notice/Recording: N/A

Goals Impacted: Financially Strong City

2. **A Resolution authorizing approval of a Reconciliation Change Order with Walter D. Laud, Inc. for Project #1221, 2015 Pavement Patching Program, in the amount of \$202,129.72.** (Scott Hinton, City Engineer)

Explanation: In order to make final payment to the contractor and close out the contract, a change order is needed in the amount of \$202,129.72. The change order reflects the difference between the estimated bid quantities and final quantities actually constructed. The change order increases the original contract value of \$1,183,790.55 by 17.1% to \$1,385,920.27.

Staff Recommendation: Approval

Fiscal Impact: Funds are budgeted and available as detailed below:

ACCOUNT	BUDGETED	ORIGINAL CONTRACT	CHANGE ORDERS	TOTAL
Utility Tax	1,000,000.00	828,790.55	122,105.54	950,896.09
Water	230,000.00	230,000.00	28,472.41	258,472.41
WPC	125,000.00	125,000.00	4,959.59	129,959.59
Storm			38,925.68	38,925.68
Parks			3,496.80	3,496.80
Fire			4,169.70	4,169.70
	\$1,355,000.00	\$1,183,790.55	\$202,129.72	\$1,385,920.27

Public Notice/Recording: N/A

Goals Impacted: Strong Local Economy, Upgrade City Infrastructure & Facilities

3. **A Resolution authorizing approval of a Reconciliation Change Order with Legacy Corporation of IL for Project #1187, 15th Street Storm Sewer By-Pass, in the amount of \$25,327.94.** (Scott Hinton, City Engineer)

Explanation: In order to make final payment to the contractor and close out the contract, a change order is needed in the amount of \$25,327.94. The change order includes the additional costs to remove bedrock and building foundations, which were unknown at bid time, and reflects the difference between the estimated bid quantities and final quantities actually constructed. The change order increases the original contract value of \$96,340.00 by 26.3% to \$121,667.94.

Staff Recommendation: Approval

Fiscal Impact: Funds are available #330-1971-433.08-35, Stormwater Utility & Projects

Public Notice/Recording: N/A

Goals Impacted: Strong Local Economy, Upgrade City Infrastructure & Facilities

JOINT PURCHASING COUNCIL

A Program of the Bi-State Regional Commission

1504 Third Avenue, P.O. Box 3368

Rock Island, Illinois 61204-3368

Phone (309) 793-6300 Fax (309) 793-6305

MEMORANDUM

TO: Buffalo – Tanna Leonard/Jamie Brooks/Art Horst
Coal Valley -Steve Mullen/
Colona - Rick Crew/Mike Stephens
East Moline - Leath “Chip” Drake/Dave Busch
Moline - Dave Owens
Rock Island – Larry Cook
Silvis - Jim Grafton

FROM: Patty Pearson, Purchasing Coordinator

DATE: November 5, 2015

RE: **2016 Water Treatment Chemicals Bid Results**

Attached for your information and review is the 2016 Water Treatment Chemicals bid tabulation, vendor contact information & cost comparison spreadsheet for the bid opened on Thursday, October 29, 2015. This year all information related to the bid has been loaded up to MediaFire. Paper copies will not be made. You will find the bid tabulation, the cost comparison spreadsheet, vendor contact information, and copies of all bids and vendor supplied information. It is my understanding that each participating government will contact the low bidders regarding any additional information (material safety data sheets or chemical specifications) and/or chemicals for testing that is needed for items bid for that city.

Please notify me once your review and testing are complete and your city has accepted the supplier(s) for your respective chemicals. I would like to send preliminary bid results to the rest of the Joint Purchasing Council members by November 19th. I would like to send the suppliers the bid results and indicate the awarded bidders by December 1, 2015 if possible.

I have again enclosed a Excel spreadsheet comparing this bid to last year’s bid prices. I used this year’s low bid for each chemical. This is a wide form, as I have left all previous years information. You may manipulate it for your own purposes.

If you have any questions, call me at 793-6302, extension 138 or e-mail me a ppearson@bistateonline.org

Thank you for your assistance.

PAP

WATER CHEM\2016\BID RESULTS LETTERS

Iowa: Bettendorf, Buffalo, Davenport, LeClaire, Muscatine, Muscatine, County, Scott County, Waste Commission of Scott County, Walcott; Illinois: Aledo, Alpha, Carbon Cliff, Coal Valley, Colona, Cordova, East Moline, Geneseo, Hampton, Hillsdale, Milan, Moline, Port Byron, Rapids City, Rock Island, Silvis, Henry County, Rock Island County, Sherrard, i Wireless Center and Rock Island Tri-County Consortium

2016 Water Treatment Chemicals – October 29, 2015 - Bid opening

SUPPLIER	COST PER UNIT	TOTAL
1. Aluminum Sulfate (Alum) - Bulk tank truck		
Affinity Chemical, LLC	\$329.95/ton	\$527,920.00
USALCO Michigan City Plant, LLC	\$396.56	\$634,496.00
Univar USA	\$450.00/ton – See Note 9	\$720,000.00
Harcros Chemicals	\$480.00/dry ton	\$768,000.00
Rowell Chemical Corporation	\$490.00/dry ton	\$784,000.00
Chemtrade Chemicals U.S., LLC	\$528.00/dry ton – See Note 3	\$844,800.00
2. Anhydrous Ammonia - Bulk tank truck		
Tanner Industries	\$.81/lb.	\$69,660.00
3. Anthracite Filter Coal - 1 ton bulk sacks on flatbed truck		
4. Anthracite - Crushed, in suitable heavy-duty cloth, paper or polyethylene bags		
CEI – Carbon Enterprises, Inc.	\$.30/lb.	\$7,800.00
5. Caustic Soda - bulk tank truck		
Alexander Chemical Corporation, A Carus Company	\$466.00/ton	\$151,450.00
Brenntag Great Lakes	\$469.00/dry ton	\$152,425.00
Rowell Chemical Corporation	\$470.00/dry ton	\$152,750.00
Univar USA	\$490.00/ton (Full 48,000/loads) – See Note 9	\$159,250.00
Brenntag Mid-South, Inc.	\$495.00/dry standard ton	\$160,875.00
KA Steel Chemicals	\$495.00/dry ton	\$160,875.00
Vertex Chemical Corporation	\$510.00/dry standard ton – See Note 10	\$165,750.00
Harcros Chemicals	\$536.00/dry ton	\$174,200.00
6. Activated Carbon - bulk truck in loads of 30,000 pounds		
Cabot Norit Americas, Inc.	\$.60/lb. – See Note 1	\$72,000.00
Thatcher Company of Montana, Inc.	\$.73/lb.	\$87,600.00
Standard Carbon d/b/a Standard Purification	\$.829/lb. – See Note 8	\$99,480.00
Calgon Carbon Corporation	\$.85/lb. – See Note 2	\$102,000.00
West Rock MWV LLC, Ingevity Chemical Division	\$.89/lb.	\$106,800.00
7. Activated Carbon - 50 lb. bags palletized and plastic wrapped for fork lift		
Cabot Norit Americas, Inc.	\$1,360.00/ton – See Note 1	\$40,800.00
Standard Carbon d/b/a Standard Purification	\$1,627.00 – See Note 8	\$48,810.00
Calgon Carbon Corporation	\$1,820.00/ton – See Note 2	\$54,600.00
Harcros Chemicals	\$3,000.00/ton	\$90,000.00

SUPPLIER	COST PER UNIT	TOTAL
8. Activated Carbon - bulk truck loads not to exceed 20,000 lbs.		
Cabot Norit Americas, Inc.	\$.64/lb. – See Note 1	\$96,000.00
Thatcher Company of Montana, Inc.	\$.77/lb. (sample sent)	\$115,500.00
Calgon Carbon Corporation	\$.85/lb. – See Note 2	\$127,500.00
Standard Carbon d/b/a Standard Purification	\$.915/lb.	\$137,250.00
WestRock MWV LLC, Ingevity Chemical Division	\$.92/lb.	\$138,000.00
9. Chlorine (Gas) 150 lb. Cylinders		
Viking Chemical Co.	\$.32/lb. or \$48.00/cyl. – No sales to East Moline – See Note 11	\$11,952.00
Hawkins, Inc.	\$.34/lb.	\$12,699.00
Brenntag Mid-South, Inc.	\$.355/lb. – No Sales to East Moline Pool	\$13,259.25
DPC Enterprises L.P.	\$.60/lb. or \$90.00 cyl – No sales to East Moline	\$22,410.00
Airgas North Central	\$2.30/lb. or \$345.00/ea	\$85,905.00
10. Chlorine (Sodium Hypochlorite 15%) – 4,500 gallon loads		
Alexander Chemical Corporation, A Carus Company	\$.81/gallon – Rock Island & Moline only	\$148,230.00
Vertex Chemical Corporation	\$.65/gallon – See Note 10	\$177,450.00
KA Steel Chemicals	\$.659/gallon – See Note 4	\$179,907.00
Rowell Chemical Corporation	\$.71/gallon	\$193,830.00
DPC Enterprises, L.P.	\$.85/gallon	\$232,050.00
Harcros Chemicals	\$.90/gallon	\$245,700.00
Brenntag Great Lakes	\$1.03/gallon	\$281,190.00
Univar USA	\$1.065/gallon – See Note 9	\$290,745.00
11. Chlorine (Liquid) - truck load lots varying from 2 to 6 one-ton cylinders		
Viking Chemical Company	\$360.00 – See Note 11	\$39,240.00
Alexander Chemical Corporation, A Carus Company	\$398.00/ton	\$43,382.00
Brenntag Mid-South, Inc.	\$407.00	\$44,363.00
DPC Enterprises, L.P.	\$520.00/dry ton	\$56,680.00
Airgas North Central	\$1,900.00/ea	\$207,100.00
12. Citric Acid - lots of 5-10, 100 lb. bags		
Brenntag Great Lakes	\$.90/lb.	\$2,340.00
Viking Chemical Company	\$.90/lb. or \$45.00 – 50 lb. bag – See Note 11	\$2,340.00
Harcros Chemicals	\$.99/lb.	\$2,574.00
Hawkins, Inc.	\$1.00/lb. – 50 lb. bag	\$2,600.00
Brenntag Mid-South, Inc.	\$1.10/lb.	\$2,860.00
13. Copper Sulfate - lots of 20-30, 50 lb. bags		
Brenntag Great Lakes	\$1.54/lb.	\$9,240.00
Univar USA	\$1.72/lb. – See Note 9	\$10,320.00
Water Solutions Unlimited	\$1.94/lb.	\$11,640.00
Brenntag Mid-South, Inc.	\$2.18/lb.	\$13,080.00
Harcros Chemicals	\$2.99/lb.	\$17,940.00

SUPPLIER	COST PER UNIT	TOTAL
14. Hydrofluosilicic Acid - bulk tank truck		
Brenntag Mid-South, Inc.	\$3.79 (This is what they bid – pap)	\$2,671.95
Viking Chemical Company	\$.299 – East Moline Only – See Note 11	\$22,425.00
Hawkins, Inc.	\$.30/lb. – East Moline only	\$22,500.00
Mosaic Global Sales, LLC	\$.213/lb. – Rock Island & Moline only – See Note 6	\$34,612.50
Alexander Chemical Corporation, A Carus Corporation	\$.226/lb. – Rock Island & Moline only	\$36,725.00
Rowell Chemical Corporation	\$.2435/lb. – Rock Island & Moline only	\$39,568.75
Univar USA	\$.244/lb. – Rock Island & Moline only – See Note 9	\$39,650.00
Brenntag Great Lakes	\$.221/lb. – Total amount reflects a bid for all participants	\$52,487.50
15. Hydrofluosilicic Acid - 15 gallon buckets		
Water Solutions Unlimited	\$3.64/gallon	\$2,566.20
Hawkins, Inc.	\$.36/lb. = \$3.65/gallon	\$2,573.25
Viking Chemical Company	\$3.88/gallon – See Note 11	\$2,735.40
Brenntag Great Lakes	\$.54/lb.	\$3,906.00
Harcros Chemicals	\$.57/lb. = \$5.85/gallon	\$4,124.25
16. Lime - bulk trucks of 50,000 pound loads		
Mississippi Lime Company	\$.09240/lb. = \$184.80/ton	\$175,560.00
Carmeuse Lime & Stone	\$.122135/lb. = \$244.27/ton	\$232,056.50
Harcros Chemicals	\$.19/lb.	\$361,000.00
17. Liquid Carbon Dioxide – Tank Supply		
Praxair, Inc.	\$.06/lb. – See Note 7	\$22,500.00
Airgas North Central	\$.075/lb.	\$28,125.00
Lhoist North America of Missouri, Inc.	\$236.80/ton – See Note 5	\$224,960.00
18. Liquid Ferric Sulfate 18%+++ - bulk tank truck, 4,500 gallon loads		
Kemira Water Solutions, Inc.	\$.118/lb.	\$33,630.00
Chemtrade Chemicals US, Inc.	\$.138/wet lbs. – See Note 3	\$39,330.00
Harcros Chemicals	\$.19/lb.	\$54,150.00
19. Magnesium Bisulfite - lots of approximately four to eight - 30 gallon plastic drums		
Brenntag Mid-South, Inc.	\$.57	\$1,140.00
20. Potassium Permanganate - lots of ten -110 lb. (50Kg) drums		
Marubeni Specialty Chemicals	\$1.82/lb. delivered	\$6,734.00
Viking Chemical Company	\$1.89 – 55 gallon drum – See Note 11	\$6,993.00
Shannon Chemical Corporation	\$2.77/lb.	\$10,249.00

SUPPLIER	COST PER UNIT	TOTAL
21. Potassium Permanganate – 55lb drum (25Kg pails) with handles		
Carus Corporation	\$1.80/lb.	\$27,540.00
Marubeni Specialty Chemicals	\$1.82/lb. delivered	\$27,846.00
Viking Chemical Company	\$1.89/lb. – See Note 11	\$28,917.00
Water Solutions Unlimited	\$2.52/lb.	\$38,556.00
Shannon Chemical Corporation	\$2.77/lb.	\$42,381.00
Harcros Chemicals	\$3.32/lb.	\$50,796.00
American International Chemical	\$3.97/Kg - \$99.25/pail	\$60,741.00
Univar USA	\$4.14/lb. – See Note 9	\$63,342.00
22. Aqua Mag – 55 gallon drums		
Viking Chemical Company	\$.55/lb. – Aqua King 1700 – See Note 11	\$1,724.25
Carus Corporation	\$.56/lb.	\$1,755.60
Hawkins, Inc.	\$.60/lb.	\$1,881.00
Shannon Chemical Corporation	\$.727/lb.	\$2,279.15
23. Liquid Phosphoric Acid – Bulk tank truck		
Brenntag Great Lakes	\$.495/lb.	\$22,275.00
Carus Corporation	\$.496/lb.	\$23,320.00
Brenntag Mid-South, Inc.	\$.54/lb.	\$24,300.00
Shannon Chemical Corporation	\$.557/lb.	\$25,065.00
Harcros Chemicals	\$.59/lb.	\$26,550.00
24. Liquid Ferric Chloride – Bulk Tank Truck		
Harcros Chemicals	\$.19/lb. x 30,000 lbs. =	\$5,700.00
PVS Technologies, Inc.	\$.118/liquid lb. x 30,000 lbs. = \$3,540.00 Gallon Pricing - \$1.375/gallon =	\$41,250.00
Kemira Water Solutions	\$1.45/gallon	\$43,500.00
25. Liquid Sodium Bisulfite - Totes		
Viking Chemical Company	\$1.51/gallon – See Note 11 (Viking Bid - \$1.51 x 15,000 gallons = \$22,650.00 – pap)	\$1,989.00
Brenntag Great Lakes	\$.155/lb. x 15,000 lbs. =	\$2,325.00
Harcros Chemicals	\$.245/lb. x 15,000 lbs. =	\$3,675.00
Brenntag Mid-South, Inc.	\$2.34/gallon	\$35,100.00

No Bids

- 1. Continental Carbonic**
- 2. Linwood Mining & Minerals**
- 3. Nalco Company**
- 4. Pencco, Inc.**
- 5. SNF Polydyne, Inc.**

NOTES

1. Cabot Norit Activated Carbon – See cover letter and provisions to the specifications.
2. Calgon Carbon Corporation – Bid for Items #6, 7, and 8 are for Calgon Carbon's Type Pulsorb WP 220-90 powdered activated carbon. Samples have been sent under separate cover. Affidavit of Compliance. Specification Sheet and MSDS are attached. Calgon Carbon will be taking exception to the Ash spec of 10 Max.
3. Chemtrade Chemicals US, LLC – Chemtrade Chemicals does not accept credit card payments. Terms – Net 30 days after receipt of order.
4. KA Steel Chemical – Price for Sodium Hypochlorite is based on minimum 4,500 gals per shipment as requested in bid documents delivered to one tank at facility. Price for Sodium Hydroxide is based on minimum 12.06 dry tons equal to 47,000 wet lbs. per shipment to one tank at facility. Payment Terms: Net 30 days. Yes, we accept credit cards as a form of payment for shipments delivered to facility at no additional charge. Lead Time: 1-2 day notice is preferred, but KASC, we are able to make deliveries next day or same day if needed in an emergency as requested.
5. Lhoist North America of Missouri, Inc. – Additional truck fuel surcharge based on rate at time of shipment applies. Material per attached product specification sheet.
6. Mosaic Global Sales, LLC – Above price is based on 23% assay adjusted basis and 40,000/lb. minimum releases.
7. Praxair, Inc. – See exceptions to the bid specifications contained in the bid response letter attached to the bid. See Customer-owned Tank Checklist attached to bid. Checklist must be completed before Praxair fills your tank.
8. Standard Carbon d/b/a Standard Purification – Does not accept credit cards.
9. Univar USA – Univar provided no totals for items specified. See additional notes on bid cover letter.

 #5 Caustic Soda – Full 48,000 loads

 #14 price is based on 23% assay adjusted basis, and 40,000 lb. minimum releases.
 No bid East Moline.
10. Vertex Chemical Corporation – See attached quotation information attached to the bid.
11. Viking Chemical Company – Does not accept credit cards. Next day delivery is standard, usually no longer than 48 hours.

CHEMICAL VENDORS FOR 2016

CHEMICAL	VENDOR	2015 UNIT COST	2016 UNIT COST
AMMONIA	TANNER INDUSTRIES, INC.	\$1,620.00/ton	\$1,620.00/ton
CARBON	THATCHER COMPANY OF MONTANA INC.	\$1,480.00 /ton	\$1460.00/ton
CHLORINE (Liquid – 1-Ton Containers)	VIKING CHEMICAL COMPANY	\$367.00/ton	\$360.00/ton
CHLORINE (Sodium Hypochlorite)	VERTEX CHEMICAL CORPORATION	\$0.640/gal	\$0.65/gal
FLUORIDE	MOSAIC CROP NUTRITION, LLC	\$472.00/ton	\$426.00/ton
LIME	MISSISSIPPI LIME	\$179.89/ton	\$184.80/ton
LIQUID CARBON DIOXIDE	PRAXAIR	\$97.00/ton	\$120.00/ton
LIQUID FERRIC SULFATE	KEMIRA WATER SOLUTIONS, INC.	\$202.40/ton	\$236.00/ton
POLYMER - ANIONIC	HAWKINS, INC.	\$3680.00/ton	\$3680.00/ton
POLYMER - CATIONIC	SOLENIS	\$2,100.00/ton	\$2100.00/ton
CATIONIC FILTER AID	CARUS CORPORATION	\$2,140.00/ton	\$2140.00/ton
POLYMER – NORTH SLOPE	SOLENIS	\$2,440.00/ton	\$2,440.00/ton
POLYMER – SOUTH SLOPE	SOLENIS	\$4,100.00/ton	\$4,100.00/ton
POLYMER – SOUTH SLOPE	POLYDYNE INC.	\$2,100.00/ton	\$2,100.00/ton
POTASSIUM PERMANGANATE	CARUS CORPORATION	\$3,760.00/ton	\$3600.00/ton
SODIUM POLYPHOSPHATE	CARUS CORPORATION	\$1,260.00/ton	\$1260.00/ton

Vendor Contact List

2016 Water Treatment Chemical

Carus Corporation

315 Fifth Street
Peru, IL 61354
Representative: Barbie Smith, Bid Manager
Telephone: (800) 435-6856
Fax: (815) 224-6697
Email: bids@caruscorporation.com

Hawkins, Inc.

300 S. 14th Avenue
Eldridge, IA 52748
Representative: Brian J. Schumacher
Telephone: (563) 285-6234
Fax: (563) 285-6240
Email: brian.schumacher@hawkinsinc.com

Kemira Water Solutions, Inc.

4321 W. 6th Street
Lawrence, KS 66049
Representative: Christina Imbrogno
Telephone: (800) 879-6353
Fax: (785) 842-2629
Email: kwsna.bids@kemira.com

Mississippi Lime Company

3870 S. Lindbergh Blvd, Ste 200
St. Louis, MO 63127
Representative: Eric Van Rens, Vice President
Telephone: (800) 437-5463
Fax: (314) 543-6573
Email: sales@mississippilime.com

Mosaic Global Sales, LLC

13830 Circa Crossing Drive
Lithia, FL 33547
Representative: Jennifer Lehman
Telephone: (800) 578-7891
Fax: (813) 571-6915
Email: FSA.group@mosaicco.com

Praxair, Inc.

7000 High Grove Blvd
Burr Ridge, IL 60527
Representative: Diane M. McAvoy
Telephone: (630) 320-4166
Fax: (630) 320-4507
Email: municipalbids@praxair.com

Tanner Industries, Inc.

735 Davisville Road
Southampton, PA 18966
Representative: Matt Tanner
Telephone: (215) 322-1238
Fax: (215) 322-7791
Email: sales@tannerind.com

Thatcher Company of Montana, Inc.

P.O. Box 27407
Salt Lake City, UT 84127-0407
Representative: Craig N. Thatcher, President
Telephone: (877) 857-0392
Fax: (406) 721-3489
Email: jimp@tchem.com / wendy.richmond@tchem.com

Vertex Chemical Corporation

11685 Manchester Road
St. Louis, MO 63131
Representative: Tracy Lewis
Telephone: (800) 222-1915
Fax: (612) 225-6720
Email: tracy.lewis@vertexchem.com

Viking Chemical Company

1827 18th Avenue / P.O. Box 1595
Rockford, IL 61110-0095
Representative: Geza Ehrentreu
Telephone: (815) 397-0500
Fax: (815) 397-8865
Email: orders@vikingchemical.com /
geza@vikingchemical.com

REASON FOR CHANGE

Reconciliation Change Order

- 1 - 37 Adjustments to final quantities are based off of final field measurements
- * 38 & *42 Installed detector loops @ multiple patch locations
- * 39 Removed four panels of concrete at a dead end street to accommodate for drainage
- * 40 & *41 Drain tile and decorative rock installed near a large patch that was done for the Water Dept.
- * 43 Installed corrugated decking under a sidewalk patch
- * 44 Installed flat top for Storm Dept. while a patch was replaced

CHANGE ORDER APPROVAL

Contractor: Scott C. Schul

Date: 12/16/15

CITY OF MOLINE

CONTRACT CHANGE ORDER

Project No. : 1187

Description: 15th Street By-Pass Storm Sewer

Contractor : Legacy

Date : 12/18/15

Change Order No. : 1 and FINAL

Sheet 1 of 1

CONTRACT	
Original Contract	\$96,340.00
Changes To-Date	\$25,327.94
Adjusted Contract	\$121,667.94
% Change	26.3%

*	Item	Description	Quantity	Unit	Price	Addition	Deduction
		STORM					
	1	TREE REMOVAL (8-15) UNITS	0	Units	\$50.00		
	2	STORM MANHOLE, TY "A", T.1.F., 6' DIA, C.L., BOLT DOWN	0	Each	\$6,000.00		
	3	STORM SEWER, 36"	0	LF	\$120.00		
	4	CONCRETE COLLAR	0	Each	\$2,000.00		
	5	SURFACE RESTORATION	0	L.Sum	\$20,000.00		
	6	BLOCK RETAINING WALL REMOVAL AND REPLACEMENT	0	L.Sum	\$1,500.00		
	7	TRAFFIC CONTROL COMPLETE	0	L.Sum	\$1,000.00		
	8	SEEDING SPECIAL COMPLETE	0	L.Sum	\$5,000.00		
*	9	ROCK EX AND FOUNDATION REMOVAL	1	L.Sum	\$25,327.94	\$25,327.94	

* Denotes new item added to contract

Previous Changes =	Total Changes To-Date = \$25,327.94	Totals	\$25,327.94	\$0.00
		Net Change	\$25,327.94	

REASON FOR CHANGE

1-8 Adjustments to final quantities are based off of final field measurements

*9 Rock excavation and foundation removal were required to complete the job

CHANGE ORDER APPROVAL

Contractor: _____

Bhl Cl

Date: 12-18-15