

RESOLUTION NO. 25-2006

Offered by All of Council

A RESOLUTION APPROVING CHANGE ORDER NO. 1 FOR THE STATE ROUTE 303 WATERLINE PROJECT

BE IT RESOLVED by the Council of the Village of Richfield, Summit County, State of Ohio:

SECTION 1. That Change Order No. 1 for the State Route 303 Waterline Project approving an addition in the amount of \$5,369.84 in the Village's contract with Northeast Ohio Trenching, a copy of which Change Order is attached hereto as Exhibit "A," be, and the same hereby is, approved.

SECTION 2. This Resolution shall take effect and be in force from and after the earliest period allowed by law.

PASSED: 3/21/06

[Signature]
President of Council

[Signature]
Mayor

Dated: 3/21/06

ATTEST:

[Signature]
Clerk of Council

CHANGE ORDER No. 1

PROJECT: Streetsboro Road Water Main Extension	
Date of Issuance: February 13, 2006	Effective Date: February 13, 2006

OWNER: Village of Richfield, Ohio
ENGINEER: ARCADIS G&M of Ohio, Inc.
CONTRACTOR: Northeast Ohio Trenching Service, Inc.

The following changes have been incorporated into the Contract Documents.

Description:

- A. Furnish and install one four (4) inch diameter Watts Series 909, Reduced Pressure Principle backflow preventer in the elevated copper piping in the Sallyport area of the existing Service Building.

Reason for Change Order:

- A. In the approved plans, the Division of Water of the City of Cleveland did not require a backflow preventer on the domestic water service. However, acting on its own initiative the Village of Richfield decided that the installation of such equipment was necessary in order to protect the public water supply system. The additional cost of the backflow preventer was approved at \$5,369.84.

Attachments: (List documents supporting change):

- o Northeast Ohio Trenching Service, Inc. quote, dated 1/5/06
- o John Prochazka Plumbing & Heating, Inc. quote dated 1/3/06
- o ARCADIS correspondence dated 1/9/06

CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME	
Original Contract Price	\$ 446,083.00	<u>Original Contract Times</u>	
		Substantial Completion:	December 12, 2005
		Final Completion:	December 27, 2005 (indicate days or dates)
Net changes from previous Change Orders	\$0.00	Net changes from previous Change Orders	-
Net increase (decrease) of this Change Order	\$ 5,369.84	Net increase (decrease) of this Change Order	-
Adjusted Contract Price with all approved Change Orders	\$ 451,452.84	<u>Adjusted Contract Time with all Approved Change Orders</u>	
		Substantial Completion:	December 12, 2005
		Final Completion:	December 27, 2005

RECOMMENDED BY:	ACCEPTED BY:	APPROVED BY:
 ARCADIS G&M of Ohio, Inc. ENGINEER (Authorized Signature)	 Northeast Ohio Trenching Service, Inc. CONTRACTOR (Authorized Signature)	Village of Richfield, Ohio OWNER (Authorized Signature)
<u>2/23/06</u> Date	<u>2-15-06</u> Date	_____ Date



Infrastructure, environment, buildings

Mr. George Gorup
Northeast Ohio Trenching Services, Inc.
17900 Miles Road
Warrensville Heights, Ohio 44128

ARCADIS G&M of Ohio, Inc.
1100 Superior Avenue
Suite 1250
Cleveland
Ohio 44114
Tel 888 654 2538
Fax 216 781 6243

Subject:
Richfield, Ohio
Streetsboro Road Water Main Extension

Water Resources

Dear Mr. Gorup:

Your proposal dated January 5, 2006 for the installation of a 4-inch backflow preventer for the above referenced project is acceptable to the Village. The approved additional cost is for \$ 5,369.84 and it includes the furnishing and installation of the following:

Date:
9 January 2006

1. One, four (4) inch diameter Watts Series 909, Reduced Pressure Principle backflow preventer in the elevated copper piping in the Sallyport area.
2. Air gap and drain pipe that terminates 18 inches above floor level.
3. Pipe supports to minimize stress on the piping and support the backflow preventer to the wall or ceiling.
4. The installation shall be complete and in accordance with all applicable requirements of the contract documents.

Contact:
Said W. AbouAbdallah,
PE,

Phone:
(216) 781-6177

Email:
sabouabdallah@arcadis
-us.com

Upon completion of the installation, a change order would be processed to facilitate payment. In the meantime, you are directed to complete this installation as promptly and expeditiously as possible.

Our ref:
CV000078.C001

Please feel free to contact me should you have any additional questions or comments.

Sincerely,

Said W. AbouAbdallah, PE

Copies:

Ms. Melanie Tibbs, Richfield Service Director

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EXHIBIT A

Northeast Ohio Trenching Service, Inc.
17900 Miles Road
Warrensville Heights, Ohio 44128
Phone: 216-663-6006
Fax: 216-663-9250

QUOTE

To:
Arcadis FPS, Inc.
Attention: Said Abou Abdallah
1100 Superior Avenue, Suite 1250
Cleveland, Ohio 44114
Phone: 216-781-6177
Fax: 216-781-6243

From:
George Gorup

Date:
January 5, 2006
Pages:
Three (3)

Project and Description
**BACKFLOW PREVENTER
STREETSBORO ROAD WATER MAIN
EXTENSION PROJECT**

Proposed cost to supply and install four inch (4") backflow preventer.

Summary of Cost:

Subcontractor Cost (detail attached)	\$ 5,051.00
Contractor mark-up (5%)	\$ <u>252.55</u>
Subtotal	\$ 5,303.55
Bond increase (1.25%)	\$ <u>66.29</u>
Proposed Cost	\$ 5,369.84

Thank you for the opportunity to quote this project

Via Fax and First Class Mail

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EXHIBIT A

PHONE: (216) 831-5165

FAX: (216) 831-4359

JOHN PROCHAZKA

PLUMBING & HEATING, Inc.

PO BOX 427

CHAGRIN FALLS, OHIO 44022-0427

January 3, 2006

Quote # 60110-A-01-NOT-RMC

Northeast Ohio Trenching Service, Inc.

Attention: George

17900 Miles Road

Warrensville Heights, OH 44128

P: (216) 663-6006 F: (216) 663-9250

Job & Description

Richfield Municipal Center

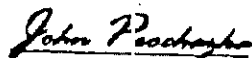
Labor and Material to:

Schedule of Values

1. Supply and install 4 inch reduced pressure backflow preventer.
2. Pipe relief port to outside of building.

Labor- (24) Hours.....	\$1,560.00
Materials.....	\$3,341.00
Rental- Lift rental.....	\$150.00
<u>Quote Amount:</u>	<u>\$5,051.00</u>

Thank You for the Opportunity to Quote-
Sincerely,



John Prochazka

ATTN John

Series 909 (2 1/2" - 10")
Reduced pressure backflow preventers

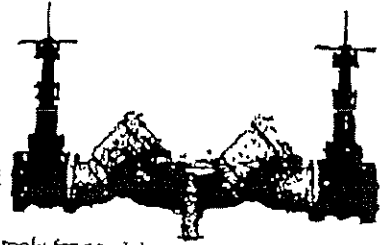
- Unique patented "air-in/water-out" design provides high capacity relief valve discharge performance during emergency conditions of back siphonage and backpressure with both checks fouled.
- For health hazard cross connections and continuous pressure applications.

Specifications

- Sizes 2 1/2" - 10" (65 - 250mm), furnished with resilient seated gate valve shut-offs (Model 909 NRS or 909 OSY).
- Suitable for pressures up to 175 psi (12.1 bars).
- Water temperatures up to 110°F (43°C) constant, 140°F (60°C) intermittent.
- Fused epoxy coated cast iron check valve body with bronze seats; epoxy coated cast-iron relief valve with stainless steel seat.

Features

- Replaceable bronze seat
- Captured spring assemblies
- Fused epoxy-coated cast iron body
- Requires no special tools for servicing



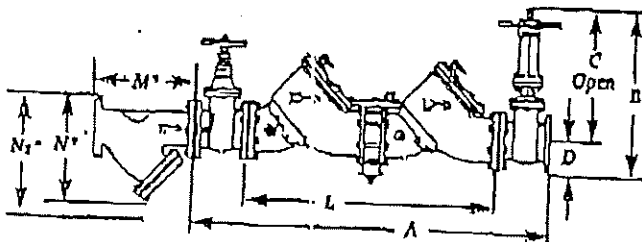
909OSY

For additional information, request ES-909L or PC-RPD. For information on Air Gaps and Vent Elbows see page 49 or request ES-AG/EL. For WattsBox Enclosures, request ES-WB and ES-WB-T.

Options add Suffix:

- BB - Sizes 2 1/2" & 3" (65-80 mm) with bronze body.
- LF - without shut-off valves.
- NRS - with non-rising stem resilient seated gate valve shut-offs.
- OSY - outside stem and yoke resilient seated gate valve shut-offs.
- QT-FDA - with FDA epoxy-coated ball valve shut-offs.
- S - with cast iron strainer.
- S-FDA - with FDA approved epoxy-coated strainer.

Dimensions/Wgts.



STRAINER DIMENSIONS

Size (DN)	M		N		N1	
	in.	mm	in.	mm	in.	mm
2 1/2	65	10 254	6 1/2	165	10	254
3	80	10 1/4 260	7	178	10	254
4	100	12 1/4 308	8 1/2	210	12	305
6	150	18 1/4 470	13 1/2	343	20	508
8	200	21 1/4 549	16 1/4	394	22 1/2	578
10	250	26 860	18 1/4	470	26	711

*1) Dimensions required for screen removal.

Model	Order No. §	Size (DN)		A		B		C		D		L		Weight	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg		
909NRS	0385811	2 1/2	65	4 1/4	1044	1 3/4	478	1 1/4	289	3 1/2	89	26 1/2	664	195	88
909NRS	0387164	3	80	4 2/4	1070	1 5/4	410	1 2/4	324	3 3/4	95	26 1/4	664	226	102
909NRS	0387184	4	100	5 5	1397	2 0/4	512	1 5/4	387	4 1/4	114	37	940	455	206
909NRS	0387194	6	150	6 5/4	1664	2 5/4	641	1 9/4	502	5 1/4	140	44 1/2	1130	718	326
909M1NRS	0385605	8	200	7 8/4	2000	3 1	787	2 4/4	619	6 1/4	168	55 1/4	1403	1350	612
909M1NRS	0385621	10	250	9 3/4	2372	3 7/4	946	2 9/4	749	8	203	67 3/4	1711	2160	980
* 909NRS-S-FDA	0387430	2 1/2	65	4 1/4	1044	1 4/4	378	1 1/4	289	3 1/2	89	26 1/4	664	223	101
* 909NRS-S-FDA	0387435	3	80	4 2/4	1070	1 5/4	419	1 2/4	324	3 3/4	95	28 1/4	664	259	117
* 909NRS-S-FDA	0387365	4	100	5 5	1397	2 0/4	512	1 5/4	387	4 1/4	114	37	940	515	224
* 909NRS-S-FDA	0387185	6	150	6 5/4	1664	2 5/4	641	1 9/4	502	5 1/4	140	44 1/2	1130	851	386
* 909M1NRS-S-FDA	0385801	8	200	7 8/4	2000	3 1	787	2 4/4	619	6 1/4	168	55 1/4	1403	1597	724
* 909M1NRS-S-FDA	0385620	10	250	9 3/4	2372	3 7/4	946	2 9/4	749	8	203	67 3/4	1711	2530	1147
909OSY	0387152	2 1/2	65	4 1/4	1049	2 5/4	541	1 6/4	416	5 1/4	133	26 1/4	664	198	90
909OSY	0385920	3	80	4 2/4	1073	2 5/4	541	1 8/4	478	5 1/4	133	28 1/4	664	230	104
909OSY	0385681	4	100	5 5/4	1400	3 1	787	2 2/4	578	6	152	37	840	470	213
909OSY	0385802	6	150	6 5/4	1664	40	1016	3 0/4	785	8	152	44 1/4	1130	798	362
909M1OSY	0385608	8	200	7 8/4	2000	5 0/4	1280	3 7/4	959	9 1/4	248	55 1/4	1403	1456	660
909M1OSY	0385625	10	250	9 3/4	2378	6 1/4	1568	4 5/4	1182	9 1/4	248	67 3/4	1711	2220	1011

§ - Contact your local Watts Agent or call Customer Service (978) 689-6066 for other models/order numbers or refer to PL-WR.

watts regulator • water products division • safety & control valves

2/6
F31
4359 37