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May 27, 2014

Mr. Jim Schmidt
Transportation Project Designer – Local Roads
Missouri Department of Transportation
St Louis Metro District
1590 Woodlake Drive
Chesterfield, MO 63017

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.


State Design Engineer

RE: City of Ladue, Missouri
South McKnight Road
Federal Project No. STP-5529(609)
Sanitary Sewer Overflow Equipment - Public Interest Finding

Dear Mr. Schmidt:

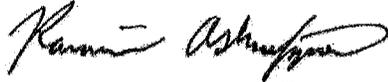
Per Metropolitan St. Louis Sewer District (MSD) requirements, this project requires the use of Sanitary Sewer Overflow Equipment. Per the attached correspondence from Mr. John Grimm at MSD, it is necessary that this equipment be a specific manufacturer and part number in order for it to match and function with the existing electronic system that MSD uses to monitor their Sanitary Sewer Overflows as part of the Consent Decree MSD has entered into with United States Environmental Protection Agency. The equipment is as follows:

Manufacturer	Part Number	Description	Quantity
John Meunier	12" CCV-300-RP	Hydrovex CCV Check Valve	1
Telog Instruments	RS-3307-1xS-E1p-B10A	RTU, 7 Channel, Sprint, Plate Mount, M-WM/Cs; 15V Battery	1
Telog Instruments	A-EMA	Antenna, 800/1900MHz - 2dBi, Enclosed Mount, Swivel, TNC	1
Telog Instruments	C-31	Cable, Data Transfer, 31 Series, 5-pin, 10 feet	1
Telog Instruments	C-USB-RS232	Cable, Data Transfer, Connect to USB Port/Computer	1
Telog Instruments	PT-3vn-05-040	Sensor, Submersible, 5psi, 40' cable	1
Pepperl + Fuchs	MB60-12GM50-E2-V1	Sensor, Magnetic Field, M12, 60mm Range, 3 Wire, PNP NO, 10-30VDC, 4 Pin Conn.	1
Pepperl + Fuchs	V1-G-PG9	Female connector, M12, 4-pin, field attachable	1

On the above basis, the City of Ladue is requesting approval to specify the use of the above listed equipment on the South McKnight Road project.

Please contact me if you have any questions or require additional information.

Sincerely,



Ramin Ashrafzadeh, P.E.

Project Manager

Enclosures

Copy: Anne Lamitola, P.E., City of Ladue

Ramin D. Ashrafzadeh

From: John Grimm [JCGRIM@stlmsd.com]
Sent: Friday, May 23, 2014 11:45 AM
To: Ramin D. Ashrafzadeh
Cc: Manfred Tullmann; John Alexander; Vince Stollhans
Subject: P-29740-00 South McKnight, City of Ladue, MSD BP-014 SSO modification, equipment requirements
Attachments: BP-014 check valve.pdf; BP-014 sensor controls.pdf

Ramin, please see attached, this is the equipment that will have to be supplied by the contractor as part of the Sanitary Sewer Overflow modification on this project. Note there are 8 items total.

For this equipment, these are the model numbers needed to replace portions of the sanitary sewer overflow (SSO) BP-014 equipment. It is necessary that this equipment be as specified on the attachments in order for it to match and function with the existing electronic system that MSD uses to monitor our SSOs as part of the Consent Decree MSD has entered into with EPA.

Please contact me or Vince Stollhans (copied here) if you have any questions.

Thanks,

John

John C. Grimm, P.E.
Program Manager – Development Review
Metropolitan St. Louis Sewer District
2350 Market Street
St. Louis, MO 63103
ph. 314-768-2743
fax 314-768-6342
jcgrim@stlmsd.com



Richard Greene Company
10742 Kahlmeyer Dr.
St. Louis, MO 63132
Phone: (314) 423-8989
Fax: (314) 423-1399
www.rgreene.com

CUSTOMER

Vince Stollhans
MSD
8520 Virginia Ave,
St. Louis, MO 63111
Phone: (314) 638-5852
Fax: (314) 000-0000
vstoll@stlmsd.com

QUOTATION

Quote Number: 301960
Quote Date: 05/16/2014
Expiration Date: 06/15/2014
Issued By: Vic Oldani
Phone: (314) 423-8989
Fax: (314) 423-1399

Qty
1

Part Number	Description	Manufacturer	Price	Qty.	Extend
MB60-12GM50-E2-V1	Magnetic	Pepperl Fuchs	5.00	12	60.00
V1-G-PG9	CablesConnectors	Pepperl Fuchs	3.00	14	42.00

Total: ~~\$102.00~~

TERMS & CONDITIONS

Payment Terms: Net 30 Days
Availability: Standard lead time is 1 week
Freight On Board:
Additional Notes:

Telog Instruments, Inc.

585-742-3000 (PH)
585-742-3006 (FX)
telogsales@telog.com

Quotation

Quote Number

QT14052302

Ship To Address:

Metro St. Louis Sewer District
MSD - LeMay Pump Station
8520 Virginia Avenue
St. Louis, MO 63111

Bill To Address:

Metro St. Louis Sewer District
2350 Market St
St. Louis, MO 63103

Ship To Contact:

Vince Stollhans
(314)638-5852 (PH)

Bill To Contact:

Accounts Payable

<u>Sales Person</u>	<u>Discount Type</u>	<u>Expiration Date</u>	<u>Currency Code</u>	<u>Currency Rate</u>
Dave Baker		6/23/2014	US	1.00

Line	Part Number and Description	Quantity	UOM	Price	Extended Price
001	RS-3307-1xS-E1P-B10A RTU, 7 Channel, Sprint, Plate Mount, M-WM/Cs; 15V Battery	1.000	EA	2,284.000	2,284.000
002	A-EMA Antenna, 800/1900MHz - 2dBi, Enclosure Mount, Swivel, TNC	1.000	EA	0.000	0.000
003	C-31 Cable, Data Transfer, 31 Series, 5-pin, 10 feet	1.000	EA	45.000	45.000
004	C-USB-RS232 Cable Data Transfer, Connect to USB Port/Computer	1.000	EA	45.000	45.000
005	PT-3vn-05-040 Sensor, Submersible, 5psi, 40' cable	1.000	EA	721.000	721.000

Notes:

Quote

Subtotal Amount:	3,095.000
Sales Tax:	0.000
Quote Total Amount:	3,095.000

Vince Stollhans

From: Jeff Clarke <jclarke@hydro-kinetics.com>
Sent: Friday, May 23, 2014 10:56 AM
To: Vince Stollhans
Cc: 'Nick Davis'
Subject: John Meunier Check Valve

Vince,

The budget price for the 12" check valve is \$3,300 + freight.

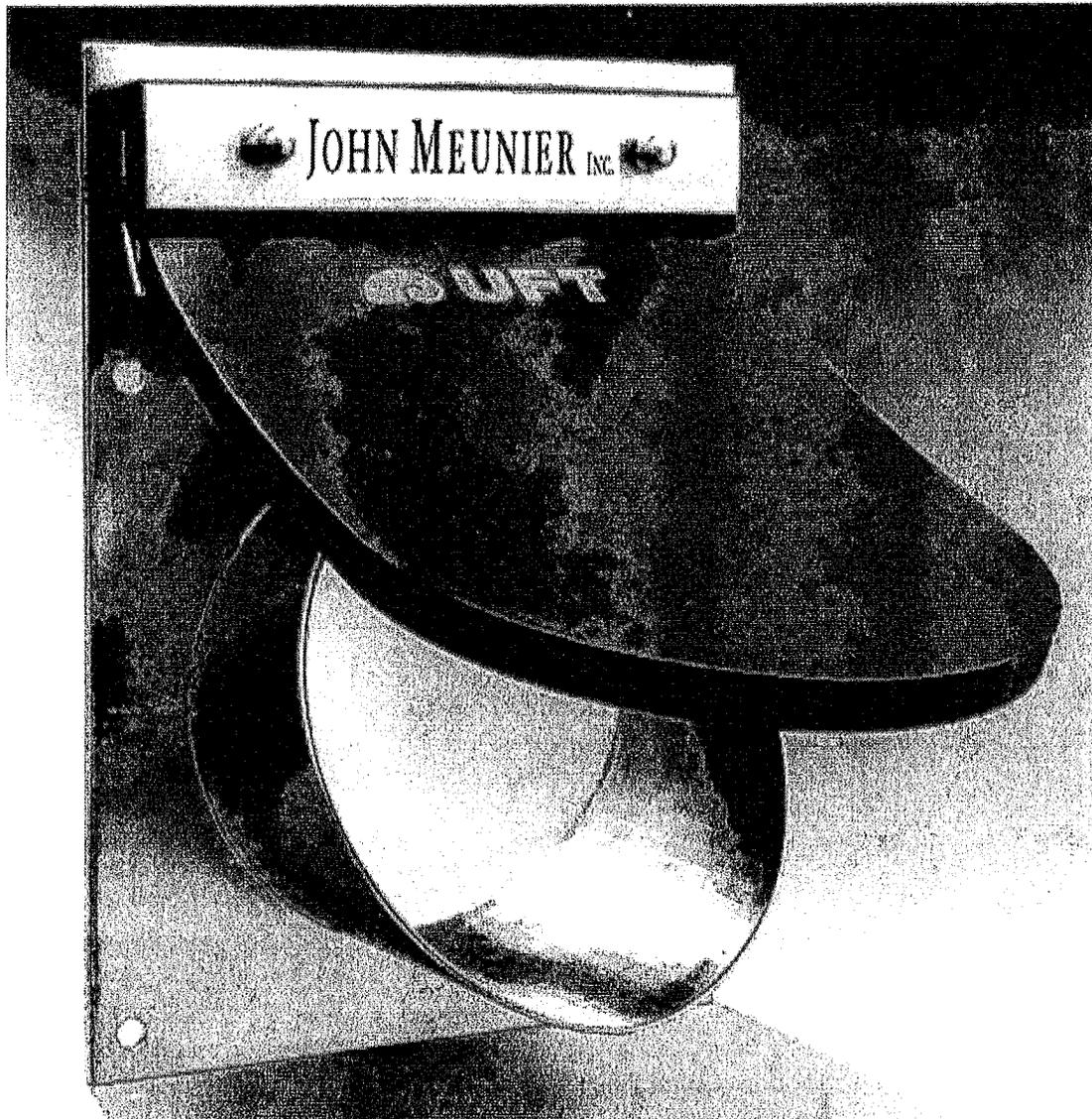
Thanks

Jeff Clarke
Hydro-Kinetics Corp.
5741 Manchester Ave
St. Louis, MO 63110
Phone: 314-647-6104
Fax: 314-645-1861
Cell: 314-306-7977
Email: jclarke@hydro-kinetics.com

CSO/STORMWATER MANAGEMENT



HYDROVEX[®]
CCV Check Valve



JOHN MEUNIER

