RESOLUTION NO. 2015-____

A RESOLUTION AWARDING AN OPEN-END CONTRACT TO RIO SUPPLY INC., SICKLERVILLE, NJ FOR THE FURNISHING AND DELIVERY OF COLD WATER METERS – 5/8" THRU 6" FOR THE WATER UTILITY, IN THE AMOUNT OF $121,503.00.

WHEREAS, the City of Vineland has heretofore advertised for bids for the furnishing and delivery of Cold Water Meters – 5/8" thru 6" for the Water Utility, for a period of one year from date of award, with option for a second year, in accordance with specifications on file in the office of the Purchasing Agent; and

WHEREAS, on August 11, 2015, bids were received, duly opened and read aloud, being referred to the Assistant Business Administrator for tabulation, evaluation, report and recommendation; and

WHEREAS, the Assistant Business Administrator has, under date of October 6, 2015 submitted a written report and tabulation of the bids received and has recommended that an open-end contract for the furnishing and delivery of Cold Water Meters – 5/8" thru 6" for the Water Utility, be awarded to Rio Supply Inc., Sicklerville, NJ, in the amount of $121,503.00, said bid being the lowest responsive bid received and considered in the best interest of the City of Vineland; now, therefore,

WHEREAS, the following bidder has been disqualified

VENDOR	REASON
HD Supply Waterworks LTD, Berlin, NJ	The meters specified are proprietary. This vendor bid meters that did not meet specifications.

BE IT RESOLVED by the Council of the City of Vineland that said open-end contract for the furnishing and delivery of Cold Water Meters – 5/8" thru 6" for the Water Utility, for a period of one year from date of award, with option for a second year, be and the same is awarded to Rio Supply Inc., Sicklerville, NJ, on their bid in the amount of $121,503.00, said bid being the lowest responsive bid received and considered in the best interest of the City of Vineland, and the Purchasing Agent be and the same is hereby authorized and directed to issue purchase order contract for the same in behalf of the City; and

BE IT FURTHER RESOLVED that the City Comptroller has certified that the funds for the contract to be awarded herein are available.

Adopted:

_____
President of Council

ATTEST:

_____
City Clerk

City of Vineland
New Jersey

October 6, 2015

REPORT TO: THE MAYOR AND COUNCIL

RE: Proposals Submitted to the Purchasing Board 8/11/15, 9/9 & 9/22/15

Dear Mayor and Members of Council:

Submitted to you herewith for your consideration is our evaluation of the proposals submitted to the Purchasing Board on August 11, September 9, and September 22, 2015.

FURNISHING AND DELIVERY OF COLD WATER METERS – 5/8" THRU 6" FOR THE WATER UTILITY, FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD, WITH OPTION FOR A SECOND YEAR

It is the recommendation of the Director of Municipal Utilities, which has the concurrence of the Purchasing Agent and the Assistant Business Administrator that an open-end contract be awarded to the lowest responsive bidder, Rio Supply Inc., Sicklerville, NJ, in the amount of $121,503.00. The lower bidder, HD Supply Waterworks LTD, Berlin, NJ bid meters that did not meet specifications. The meters specified are proprietary.

FURNISHING AND INSTALLATION OF AMBULANCE LITTER FASTENER DEVICES FOR THE DEPARTMENT OF HEALTH – EMS DIVISION

It is the recommendation of the EMS Chief, which has the concurrence of the Purchasing Agent and the Assistant Business Administrator that a contract be awarded to the only bidder, Bay Head Investments, Inc., Berlin, NJ, in the amount of $51,570.00.

LOCATING AND MARKING URD ELECTRIC FACILITIES FOR THE VINELAND MUNICIPAL ELECTRIC UTILITY, FOR A PERIOD OF ONE YEAR BEGINNING FEBRUARY 1, 2016, WITH OPTION FOR AN ADDITIONAL YEAR

It is the recommendation of the Director of Municipal Utilities, which has the concurrence of the Purchasing Agent and the Assistant Business Administrator that an open-end contract be awarded to low bidder, Atlantic InfraTrac, LLC, in the amount of $65,093.50.

City of Vineland New Jersey

FURNISHING AND DELIVERY OF LED STREET LIGHTING FOR THE VINELAND MUNICIPAL ELECTRIC UTILITY – DISTRIBUTION DIVISION, FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD, WITH OPTION FOR A SECOND YEAR

It is the recommendation of the Director of Municipal Utilities, which has the concurrence of the Purchasing Agent and the Assistant Business Administrator that an open-end contract be awarded to low bidder, Rumsey Electric Company, Conshohocken, PA, in an estimated amount of $124,800.00.

We trust that the above recommendation will receive your favorable consideration and that the recommended resolutions will be adopted as presented.

Respectfully submitted,

FOR RD

Robert Dickenson
Assistant Business Administrator

/wr

City of Vineland New Jersey
A Harvest of Opportunities in the Heart of the Northeast

BID EVALUATION FORM

DEPARTMENT WATER UTILITY

Date: 8/25/15

The undersigned recommends that a contract be awarded for the following:

1. Bid Title: COLD WATER METERS 5/8"THRU 6"
2. Amount to be Awarded: $121,503.00
   - ☐ Encumber Total Award
   - ☑ Encumber by Supplemental Release
3. Engineer's Estimate: $125,000.00
4. Amount Budget: $
5. Account Number to be Charged: 003-0-00-00-0000-2-1550000
6. Date Bids Received: 8/11/15
7. Date to be Awarded: 10/13/15
8. Recommended Vendor: Rio Supply Inc. Sicklerville NJ
9. Is Recommended Vendor the Apparent Lowest Bidder? ☐ Yes ☑ No
10. Comments/Special Instructions: Proprietary Bid
11. Evaluation Performed by: Michael Lawler
12. Approved By: Michael Lawler
13. Attached: (Check-Off List)
    - ☑ Tabulation of Bids
    - ☑ Justification for Vendor Recommendation (if applicable)
    - ☐ Evaluation Data (if applicable)

Send copies to:
Purchasing Division
Business Administration

Vineland Municipal Utilities

Water Utility Division
330 E. Walnut Road
Vineland, New Jersey 08362-1508
(856) 794-4056 FAX (856) 405-4627
Michael S. Lawler, CPWM, Superintendent

August 31, 2015

MEMO TO: Yvonne Lewis

FROM: Michael S. Lawler, CPWM, Superintendent, Water Utility

RE: 2015 COLD WATER METER BID

2015 Meter Bid
Yvonne I have reviewed Dave Garcia's and Bill Kennedy's recommendation to award to HD Supply. First this is a proprietary bid and meters other than Neptune are unacceptable. Dave Garcia and Bill Kennedy mistakenly recommended an alternative meter based solely upon the compatibility of meter reading and as a result I have rejected and will be awarding the meter bid to Rio Supply.

1. The Sensus residential meters measuring device does not meet the Specifications.
   It uses a measuring device called a magnetic drive positive displacement using an oscillating piston. This type of measuring device causes noise within the home which in turn creates unacceptable complaints. We have experienced this problem here in the past. Neptune uses the oscillating disc as required in the specs.
   See attached from AWWA regarding noise. .
2. HD Supply did not bid the Registers as required and does not meet the spec, solely because it is a proprietary item, as a result VMWU would have to submit a separate contract for the Neptune registers along with a contract for the Sensus registers should we award to HD Supply this is not efficient or cost worthy for the Utility.
3. The compound meter that HD Supply bid does not meet the specification. VMWU specified Turbine measurement and Nutating disc, HD Supply submitted a floating ball technology and does not meet the spec nor do we want to invest in this newer technology at this time.
4. HD Supply also did not bid the strainer for larger meters as required in the Specification, as a result we will be required to purchase strainers out of contract from Rio supply if needed. This does not meet the Specification.

Thank you
Michael Lawler

MSL/ap
CC: Gregory Henderson, Asst. Supt.
Yvonne Lewis, Purchasing Agent

K/Word/Utility body to Newfield

TABULATION OF BIDS
COLD WATER METERS
5/8" THRU 6"
AUGUST 11, 2015

Engineer's Estimate - $125,000.00

	Rio Supply Inc. 100 Allied Parkway Sicklerville NJ	**HD Supply Waterworks 228 Williamstown Road Berlin NJ**
BB, CAC, CEC	BB 10%	BB 10%
Stock. Discl.	YES	YES
Affir. Action	YES	YES
Check List	YES	YES
Proposal	YES	YES
Discl. Of Iran	YES	YES
TOTAL	**$121,503.00**	**$89,174.00**

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*** Did not bid on all parts.

Notices & spec. sent to:
EAP Industries Inc.
Stevenson Supply
Water Works Supply
Ti Sales
Neptune Tech. Group

Feedback

LETTERS TO OPFLOW

Do you have a question, comment, or suggestion to pass along to *Opflow*? Please e-mail feedback to opflow@awwa.org.

SILENCING NOISY METERS

Just a comment or three on Pat Kline's Question of the Month column, How Can We Remedy Noisy Meters? (*Opflow*, December 2008): We have 378,000 meters in our system, and most of our noisy-meter complaints (maybe 500 per yr) center around a $^5/_8$-in. meter that has a piston-type mechanism (oscillating principal piston) instead of a nutating disc (spinning plate) inside the chamber. We believe these small meters—I call them "the noise boys"—have difficulty at more than 20 gpm, which an irrigation system can draw. There's no noise problem with a 1-in. (30 gpm) meter.

We find the sound is related to the speed of flow. In other words, the tap-tap-tap can change with high flow to a harmonic hum. We've also noted that old meters have larger chambers, more brass, and less cheap plastic, so the noise problem becomes more common with the shrinkage of components and the meter body to save on brass.

Finally, we find that the bulk of complaints relate to irrigation, because automatic systems are programmed to go off before people get up in the mornings. So a noisy meter and its proximity to a sleeping customer are always relevant. And we respond, because we should all be able to awaken to an alarm clock rather than a noisy meter.

Stephen M. Jones
Suffolk County Water Authority
Oakdale, N.Y.

Author's Response: *Stephen, thanks so much for taking the time to comment on the last Question of the Month. It's interesting that the three people who were acknowledged at the end of that article, members of the Standards Committee on Water Meters, each had different noise problems with different meter designs and different solutions. Thanks for adding yours to the mix!*

Pat Kline
Standards Operations Engineer/
Small Systems Division
AWWA

WATER TANK/ANTENNA SAFETY

I enjoyed Daniel J. Zienty's Tanks and Antennas article in *Opflow*'s October 2008 issue. What are the requirements for a radio frequency hazards survey or protection plan for utility workers who may need to access portions of a tank for inspection or maintenance?

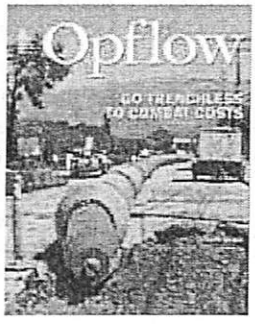
Stephen M. Anderson
Las Vegas Valley Water District
Las Vegas

Author's Response: *I believe this question represents two issues: a tenant installation survey and employee right-to-know. It is the responsibility of the tenant (and a Federal Communications Commission regulation) to provide the landlord (city) with frequency information related to the equipment. Much of this information is provided by the tenant on the city's application form. A properly developed lease will require the tenant to provide this information, as well as information related to any subsequent changes made to the equipment. As part of the installation process, plans should be reviewed to ensure installation compliance in accordance with Occupational Safety and Health Administration safety standards. Further, the landlord should conduct a final inspection to verify compliance. An AWWA-recommended periodic inspection of the facility would include telecommunications equipment. This should include, but is not limited to, checking for proper signage (hazard notification), access clearance, avoiding tripping hazards, and properly sealing penetrations.*

As for employee access, it is the city's responsibility to make sure that employees (city staff) who may access the facility receive proper training as required by OSHA (reference 29CFR1910.268 Telecommunications). This would include instruction on the proper use of a radio frequency personal monitor. The city may incorporate training responsibility into the tenant's lease.

Daniel J. Zienty
Associate/Senior Project Design Leader
Short Elliott Hendrickson
St. Paul, Minn.

PIPE MATERIAL COMPATIBILITY



After reading Go Trenchless to Combat Excavation Costs (*Opflow*, July 2008), I was wondering if there's any information regarding pipe material compatibility for pulling into failed butadiene polymer service pipe? I have a minor concern about small amounts of unprocessed polymer leaching through new HPDE or PVC from the old burst pipe and am considering using copper instead of a solvent permeable pipe. The old pipe may, in fact, be a poly-butyl variant, but lab spectral analysis can't confirm that.

John Morgan
Resolven Engineering
Vancouver, British Columbia
Canada

AWWA Response: *Butadiene is most commonly used in plumbing pipe as an ingredient in a terpolymer of acrylonitrile, butadiene, and styrene, also known as ABS plastic pipe. You also refer to a "butyl variant," so it seems most likely you have come across an ABS or a polybutylene pipe. Resin blending, extrusion, and manufacturing processes for either pipe make it unlikely that liquid*

phase "unprocessed polymer" would be present in the host pipe. The fact that you apparently had to go to unusual lengths to determine the pipe type leads me to believe the pipe identification markings weren't visible. Perhaps the missing markings and your concerns about "unprocessed polymer" are really signs of chemical attack. One logical conclusion is that the pipe is laid in soil contaminated with esters, ketones, or ethylene dichloride, which are solvents for ABS. Polybutylene has a different resistance profile for these compounds, as do each of the various plastic materials (PVC, PE, etc.) and the specific cell classifications therein. You should probably investigate the soil, because there are many risks to placing any type of water distribution piping in contaminated soil.

The Plastic Pipe Institute's Technical Report 19, "Chemical Resistance of Thermoplastics Piping Materials," issued in 2007—available at http://plasticpipe.org/index.html—has some good information about chemical resistance for various plastic pipes. In addition, www.copper.org has some good information about resistance of copper alloys to chemical attack.

Remember that pipelines with fittings and joints are generally constructed to conform to an allowable leakage definition. Fittings and joints rely on a gasket and the efficacy of the gasket in the presence of contaminants and transient negative pressures must be considered. A fusion joint on plastic pipe doesn't rely on a gasket. The Water Research Foundation's recent hydrocarbon resistance research—Impact of Hydrocarbons on PE/PVC Pipes and Pipe Gaskets, #2946—is available at www.waterresearchfoundation.org. Also, each plastic type and cell classification has a unique chemical resistance, so where one plastic material isn't suitable, another plastic may be suitable.

If soil testing reveals an environment is acceptable for a water distribution pipe, you'll be encouraged that the AWWA Committee on Polyolefin Pressure Pipe and Fittings has no evidence of incompatibility between the solid phases of various plastics for water supply, so you should expect excellent results from bursting an ABS or polybutylene pipe with any of the common plastics for water supply.

John Fishburne, Chairman,
AWWA Standards Committee 263,
Polyolefin Pressure Pipe and Fittings,
and Senior Engineer,
Charlotte Mecklenburg Utilities
Charlotte, N.C.

VIEWING OPFLOW ONLINE

I just had a look at *Opflow* online. I can appreciate the cost savings of electronic publishing and immediate delivery. I get excited about searching for past articles online, too. On the other hand, I still prefer to read from actual paper.

Thomas R. McCarty
Penn State Extension
Carlisle, Pa.

Editor's Response: *Tom, I agree with you. The benefits of online delivery and search tools are significant. For example, AWWA members can view* Opflow *online at www.awwa.org/opflow or find any article that has appeared in* Opflow *through the AWWA Water Library at www.waterlibrary.org. But for readability, you can't beat the printed product.*

John Hughes
Opflow *Editor*
AWWA