



CITY OF RAPID CITY

Engineering Division

300 Sixth Street

Rapid City, SD 57701-2724

Telephone: (605) 394-4154 FAX: (605) 394-6636

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MEMORANDUM

TO: Public Works Committee

FROM: J.Wagner, Water Dept. Superintendent
D.LaFrance , Utility Project Engineer

SUBJECT: Rapid Valley Water Meter Facility Improvements

DATE: December 20, 2004

Rapid Valley Sanitary District has requested payment for \$34,725.00 at the 50% participation rate for the completed improvements to the metering pit on Hwy. 44. Based upon the consultant's recommendations, Public Works staff is recommending acceptance of the improvements by City Council at its next regularly scheduled meeting.

Background and Discussion

Rapid Valley Sanitary District (RVSD) and the City of Rapid City entered into a cost share agreement on March 8, 2004 for the reconstruction of the metering facility near the intersection of School Drive and Hwy. 44. (Ref: Item No. PW 022404-13 at its March 2, 2004 Meeting of the City Council). The contract agreement stipulated that 50% of the actual low bid received not to exceed forty-five thousand dollars (\$45,000.00) would be paid by the City of Rapid City. Justification for the project was based upon the knowledge that the old metering facility had fallen into disrepair and metering accuracy could not be confirmed to the degree required.

Based upon end of year test calibration results dated December 13, 2004 that were submitted by RVSD and witnessed by Rapid City Water Dept. personnel, the indication is that both new meters have at least a 99.85% accuracy. The contract agreement stipulates that these results be witnessed by City personnel and submitted by RVSD on an annual basis to the City of Rapid City.



RVSD Metering Pit
December 20, 2004
Page 2

Cc: Ted Vore, Acting Public Works Director
T.Schultz, CETEC Engineering
J. Jester, RVSD Water Superintendent

Attachments: CETEC Engineering Payment Request Letter
RVSD Calibration Results Letter
City of Rapid City Response Letter to CETEC Request



November 12, 2004

Mr. Dave LaFrance, PE
City of Rapid City Public Works Department
300 6th Street
Rapid City, SD 57701

Re: Shop Drawings/O&M Manual
Payment Request
School Drive Meter Pit Project
Rapid Valley Sanitary District (RVSD)

Dear Mr. LaFrance:

On behalf of Rapid Valley Sanitary District I am forwarding two (2) copies of the Project Shop Drawings and Operations & Maintenance Manuals for the work. RVSD hereby requests payment of \$34,725.00 at the 50% participation rate for actual construction costs of \$69,450.00 on the Meter Pit project. The project is 100% complete and payment can be made to Rapid Valley Sanitary District at 4611 Teak Drive, Rapid City, SD 57703.


This project was successful and is important to the customers of the District and the RVSD Board of Trustees. We look forward to continuing a partnership on similar projects in the future.

Sincerely,
CETEC Engineering Services, Inc.

Ted Schultz, P.E.

cc: RVSD, Jim Jester, General Manager

RAPID VALLEY SANITARY DISTRICT/WATER



4611 Teak Drive • Rapid City, SD 57703 • Telephone (605) 393-1050 • FAX (605) 393-1051

December 13, 2004

Mr. Dave LaFrance
City of Rapid City Public Works Department
300 6th St.
Rapid City, SD 57701

RECEIVED
DEC 14 2004
ENGINEERING DIVISION

Re: Meter Accuracy

Dear Mr. LaFrance,

The two water meters in the School Dr. metering pit were tested at 9:00 a.m. on Friday, December 10, 2004. Dave Juhala was present at the time.

The meters were tested on an isolated line using a 3" hydrant meter for comparison. The test results are as follows:


East meter:
99.85% accurate based on 1,400 gallons at low and high flow

West meter:
100.00% accurate based on 1,600 gallons at low and high flow

If you have any further questions, please contact Rusty Schmidt at 381-2904.

Sincerely,

RAPID VALLEY SANITARY DISTRICT - WATER SERVICE



Marty Garwood
Office Operations



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December 7, 2004

Mr. Ted Schultz
CETEC Engineering Services, Inc.
1830 West Fulton Street
PO Box 9014
Rapid City, SD 57702-4324

RE: RVSD Meter Pit Calibration Procedure- Proj. W04-1376

Dear Mr. Schultz:

I have received your December 1, 2004 memo on behalf of the Rapid Valley Sanitary District (RVSD) and discussed it with both the Water Dept. and the Public Works Director.

We hereby request that the flow test and calibration be performed with the City Water Dept. metering technician present to witness the test. We would like to request at least a 72 hour notice prior to the performance of the test. This witnessing of the test would, then, become a part of the annual procedure along with a written submission of the calibration test results from RVSD to the Rapid City Water Department.

If you have any other questions or comments, please do not hesitate to give me a call.

Sincerely,
CITY OF RAPID CITY

David LaFrance
Project Manager- City Utilities

Cc: Ted Vore, Acting Public Works Director

John Wagner, Water Dept. Superintendent



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EQUAL OPPORTUNITY EMPLOYER