

**AGENDA BILL**

**Beaverton City Council  
Beaverton, Oregon**

**SUBJECT:** Bid Award - Denney Rd (105th Ave - Rollingwood Dr and King Blvd - 111th Ave) 12-inch Waterline Project

**FOR AGENDA OF:** 04-19-16 **BILL NO:** 16089

**Mayor's Approval:** Denny Daryl

**DEPARTMENT OF ORIGIN:** Public Works

**DATE SUBMITTED:** 04-12-2016

**CLEARANCES:** Purchasing H. Murty  
Finance DR  
City Attorney DL  
Engineering Ballentine  
CAO MC

**PROCEEDING:** CONSENT AGENDA  
(CONTRACT REVIEW BOARD)

- EXHIBITS:**
1. Map/Project Data Sheet
  2. Bid Summary
  3. Funding Plan

**BUDGET IMPACT**

| EXPENDITURE<br>REQUIRED * | AMOUNT<br>BUDGETED * | APPROPRIATION<br>REQUIRED * |
|---------------------------|----------------------|-----------------------------|
|---------------------------|----------------------|-----------------------------|

\* See attached Funding Plan (Exhibit 3). The amounts budgeted in the Funding Plan are included in the FY 2015-2016 budget and the Proposed Budget for FY 2016-2017

**RECOMMENDED ACTION:**

Council, acting as Contract Review Board, awards the bid to Tapani, Incorporated, in the amount of \$488,464.00, in a form approved by the City Attorney, as the lowest responsive bid received for the Denney Rd (105th Ave - Rollingwood Dr and King Blvd - 111th Ave) 12-inch Waterline project.

**HISTORICAL PERSPECTIVE:**

The Denney Rd (105th Ave - Rollingwood Dr and King Blvd - 111th Ave) 12-inch Waterline project is included in the FY 2015-2016 and FY 2016-2017 Capital Improvements Plans (CIP) under CIP Project Number 4109 (Exhibit 1).

The purpose of the project is to install approximately 2,000 feet of new 12-inch waterline and associated connecting waterlines on Denney Road in two locations, one east of Hwy 217 from Rollingwood Drive to 105<sup>th</sup> Avenue and one west of Hwy 217 from King Blvd to 111<sup>th</sup> Avenue. The new waterline is needed to provide redundancy because the area is currently being served from a 16-inch waterline that was installed in 1965. Because of the configuration of the existing water system, a problem on the existing waterline would most likely result in an extended water shutdown over a large area during the repair. The new waterline will allow any future problem to be isolated to a much smaller area.

**INFORMATION FOR CONSIDERATION:**

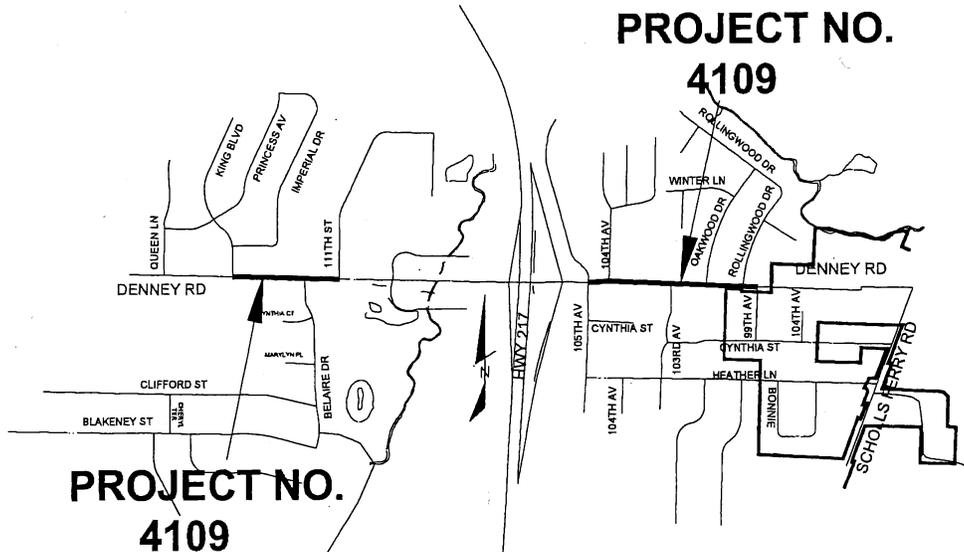
The invitation for bid was advertised in the *Daily Journal of Commerce* on March 11, 2016. A mandatory pre-bid meeting was held on March 17, 2016. Ten contractors attended the pre-bid meeting. Three (3) bids were received and opened on April 5, at 2:00 p.m. in the Willamette River room (Exhibit 2). Tapani, Incorporated, of Battle Ground, Washington, submitted the lowest responsive bid in the amount of \$488,464.00. The overall bid amount is \$7,645 or 1.6 percent higher than the Engineer's Estimate (Exhibit 3).

Tapani, Incorporated, recently completed CIP 3192-Hocken Avenue Bridge and Street Improvements at Beaverton Creek two and one half months ahead of schedule and under budget. CIP 3192 included waterline work that Tapani completed in a competent manner. Staff finds Tapani, Incorporated, has satisfied the bid requirements to construct waterline improvements in a built-up, urban environment.

With City Council approval of the bid award, a Notice to Proceed (NTP) would be issued to the Contractor on or about May 5, 2016. The project contract requires substantial completion, which includes all work other than punch-list corrections and final cleanup, within 46 calendar days of the NTP. This means the estimated substantial completion date of the project is June 20, 2016.

Project Number: 4109  
Project Name: Denney Rd (105th Ave - Rollingwood Dr and King Blvd - 111th Ave) 12-inch Waterline  
Project Description: Install 1,150 feet of 12-inch DIP waterline in Denney Rd from 105th Ave to Rollingwood Dr near Hwy 217 that will serve as a bypass for an aging 16-inch waterline and ensure uninterrupted service for approximately 300 homes in case of a main break on the 16-inch line. Also, extend a 12-inch waterline from King Blvd to 111th St and abandon a 6-inch cast iron waterline between King Blvd and Belaire Dr that conflicts with the construction of the Denney Rd shared-use path (see CIP 3410).

Map:



Project Justification: The existing 16-inch concrete cylinder pipe was installed in 1965 and is nearing the end of its useful life and is in need of replacement. Additionally, portions of this system are not looped and a failure of the main waterline in this neighborhood would result in several blocks of homes (approximately 300 residences) without water until the repair could be completed.

Project Status: FY13/14: Completed topographic survey and preliminary layout. FY14/15: Begin design by City staff. FY15/16: Completed design 3-9-16. Project advertised 3-11-16. Bids opened 4-5-16. Tapani Underground is the low bidder. Project estimated start date is May 5, 2016 and end date is Jun 20, 2016.

Estimated Date of Completion: 07/15/2016

First Year Budgeted: FY13/14

Estimated Project Cost: \$590,000

New Project:

**Funding Data:**

| <u>Project No.</u>   | <u>Fund No.</u> | <u>Fund Name</u>   | <u>Amount</u>    | <u>FY</u>   |
|----------------------|-----------------|--------------------|------------------|-------------|
| 4109                 | 3701            | Water Improvements | \$110,000        | FY2015/16R1 |
|                      | 3701            | Water Improvements | \$480,000        | FY2016/17   |
| <b>Total for FY:</b> |                 |                    | <b>\$590,000</b> |             |

City of Beaverton

**BID SUMMARY**

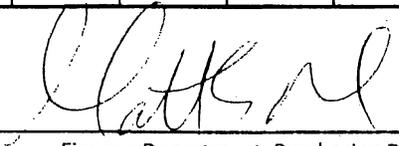
Project Name: Denney Rd Waterline Improvements Project CIP 4109 Solicitation #3072-16B

OPENED ON: April 5, 2016

WITNESSED BY: Jim Brink

| VENDOR NAME<br>CITY, STATE           | Bid Proposal | Bid Proposal<br>Certification -<br>Ack. Addenda | Bid Bonds | Bidder<br>Construction<br>Schedule | Current<br>Project<br>Info | Bidders<br>Responsibility<br>Form | TOTAL BID |
|--------------------------------------|--------------|-------------------------------------------------|-----------|------------------------------------|----------------------------|-----------------------------------|-----------|
| Tapani, Inc.<br>Battle Ground, WA    | ✓            | ✓                                               | ✓         | ✓                                  | ✓                          | ✓                                 | \$488,464 |
| Canby Excavating, Inc.<br>Canby, OR  | ✓            | ✓                                               | ✓         | ✓                                  | ✓                          | ✓                                 | \$566,993 |
| CivilWorks NW, Inc.<br>Vancouver, WA | ✓            | ✓                                               | ✓         | ✓                                  | ✓                          | ✓                                 | \$567,465 |
|                                      |              |                                                 |           |                                    |                            |                                   |           |
|                                      |              |                                                 |           |                                    |                            |                                   |           |
|                                      |              |                                                 |           |                                    |                            |                                   |           |

The Purchasing process has been confirmed.

Signed:   
Finance Department, Purchasing Division

The above amounts have been checked: YES NO

YES NO

Date: 4/5/2016



12

**Funding Plan - Denney Rd (105th Ave - Rollingwood Dr and King Blvd - 111th Ave) 12-inch Waterline (CIP 4109)**

| Fund Number and Name      | FY2015-16                   | FY2016-17                            | Total Project Budget | Project Cost As Bid | Engineer's Estimate |
|---------------------------|-----------------------------|--------------------------------------|----------------------|---------------------|---------------------|
|                           | Project Construction Budget | Proposed Project Construction Budget |                      |                     |                     |
| 501-75-3701-682           | \$100,000                   | \$460,000                            | \$560,000            | \$488,464           | \$480,819           |
| Water System Improvements |                             |                                      |                      |                     |                     |
| Totals                    | \$100,000                   | \$460,000                            | \$560,000            | \$488,464           | \$480,819           |

12