

CLARK COUNTY STAFF REPORT

DEPARTMENT: Public Works/Engineering & Construction Division / Project Management

DATE: May 8, 2018

REQUESTED ACTION: Authorize the Interim County Manager to sign an agreement with Clark Public Utilities for water system infrastructure work related to the Northeast 119th Street East (NE 87th Avenue - NE 112th Avenue) road improvement project. Project #: 342422.

Consent Hearing County Manager

BACKGROUND

This project will improve a section of Northeast 119th Street, from Northeast 87th Avenue to Northeast 112th Avenue, to a four-lane minor arterial with center turn lane and median, bicycle lanes and sidewalks. New utility infrastructure and relocations are included in this project.

Public Works routinely partners with utilities to install new or upgraded lines or to relocate lines that conflict with road improvements. Designers try to minimize utility relocations, but it is not always possible to avoid conflicts, especially in crowded utility corridors.

This project proposes an agreement with Clark Public Utilities to install approximately 5,720 lineal feet of water line in the Northeast 119th Street corridor. The work will be included in the county construction contract, with Clark Public Utilities reimbursing the county for actual expenses. Total estimated reimbursable expenses are \$1,993,570, to be paid by Clark Public Utilities.

COUNCIL POLICY IMPLICATIONS

None. This project supports the council's policy of investing in the county road system and providing safe and efficient transportation systems for all county residents.

ADMINISTRATIVE POLICY IMPLICATIONS

None. The project is included in the 2018-2023 Transportation Improvement Program, 2018 Annual Construction Program (No. 4) and the 2017/2018 Biennium Budget.

COMMUNITY OUTREACH

Public Works will send a pre-construction mailer to residents and property owners in and near the construction zone providing details about the upcoming work.

BUDGET IMPLICATIONS

| YES | NO | |
|-----|----|--|
| ✓ | | Action falls within existing budget capacity. |
| | ✓ | Action falls within existing budget capacity but requires a change of purpose within existing appropriation |
| | ✓ | Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager. |

PW18-071

BUDGET DETAILS: Total project construction cost = \$12,740,810

| | |
|-------------------------------|-----------------------|
| Local Fund Dollar Amount | \$ 1,183,760 |
| State Grant: TIB | \$ 4,000,000 |
| Federal Grant: STP | \$ 3,100,000 |
| Utility Partner -Reimbursable | \$ 2,151,050 |
| Transportation Impact Fees | \$ 2,306,000 |
| Account | County Road Fund 1012 |

DISTRIBUTION:

Council staff will post all staff reports to the county website, www.clark.wa.gov/the-grid.

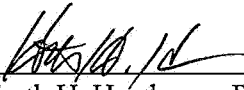
Please return the signed utility agreement to Public Works Engineering and Construction Division, attention Penny Monett (ext. 4876).

Attachments:

- Utility agreement, Clark Public Utilities water
- Vicinity map

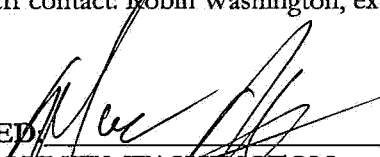


Tom Grange, PE
Engineering and Construction Division Manager



Heath H. Henderson, PE
Public Works Director/County Engineer

Primary staff contact: Robin Washington, ext. 4572



APPROVED:
CLARK COUNTY, WASHINGTON
CLARK COUNTY COUNCIL



APPROVED:
Jim Rumpeltes, Interim County Manager

DATE: 5/8/18

DATE: 5/8/18

SR# 95-18



REIMBURSABLE REPORTING CATEGORY REQUISITION

(To Be Filled Out By Department Performing Work)

| | | | | | | |
|---|------|-------------------------------|--|-----------|-----|--------------------|
| WORK ORDER TITLE: NE 119th Street (NE 87th to NE 112th) | | BEGIN DATE: 04-18-2018 | WORK ORDER NO. | | | |
| DEPT. PERFORMING THE WORK Clark County Public Works | | ENDING DATE: 10-31-2021 | PROJECT/GRANT Yes <input type="checkbox"/> | | | |
| Misc. Project | | | NUMBER NEEDED? No <input type="checkbox"/> | | | |
| | | | PROJECT NUMBER ASSIGNED 342422 | | | |
| Project Supervisor: <u>Matt Hall, PMP</u> <i>M Hall</i> | | Phone: <u>397-6118 X 4225</u> | | | | |
| Finance Manager: <u>Lori Pearce</u> | | | | | | |
| Division Manager: <u>Tom Grange</u> <i>Tom Grange</i> | | | | | | |
| Interim County Manager: <u>Jim Rumpeltes</u> <i>Kathleen EJA Sr</i> | | | | | | |
| Account # of Dept. Performing Work | FUND | PROG | DEPT | BASUB/ELE | OBJ | REPORTING CATEGORY |
| Expense/Revenue Coding | 1012 | 000 | 511 | 544xxx | xxx | |
| Expense/Revenue Coding | 1012 | 000 | 511 | 344104 | 000 | |
| AR CUST NO# | | | | | | |

| | | | | | |
|---|------------------------------|---|--|--------------------------------------|--|
| ORGANIZATION REQUESTING WORK (CUSTOMER) CUSTOMER Clark Public Utilities Water Services | | | CUSTOMER TYPE: (Check One) | | |
| CONTACT PERSON Russ Knutson, PE | | | OUTSIDE CUSTOMER <input checked="" type="checkbox"/> | | |
| ADDRESS PO Box 8900 (8600 NE117th Ave) | | | COUNTY DEPARTMENT <input type="checkbox"/> | | |
| CITY Vancouver | | STATE WA | ZIP 98668 | TELEPHONE NO. 360.992.8552 | |
| Social Security # or TIN # | INSURANCE CLAIM # or PO # | CONTRACT OR AGREEMENT (circle one) <input checked="" type="radio"/> Y <input type="radio"/> N (If applicable please attach) | | ESTIMATED COST \$1,993,570 | |
| AGREEMENT | | | | | |
| I HEREBY REQUEST THE Clark County Public Works DEPARTMENT TO PERFORM THE FOLLOWING SERVICE | | | | | |
| Construction and installation, 5,640 LF of 24", 240 LF of 16", and 80 LF of 8" lines including lateral stub-outs and associated parts. As shown in the County's NE 119th Street Project (CRP #342422). This cost includes the county's overhead and contract administration. CCPW will provide construction management, inspection and survey services to support the installation. CM \$1,851,038. X 7% = \$129,573; Overhead 10% = \$12,957 | | | | | |
| I UNDERSTAND AND AGREE THAT A BILLING FOR REIMBURSEMENT FOR THESE SERVICES AND / OR MATERIALS INCLUDING ANY OVERHEAD CHARGES AND TAXES THAT ARE APPLICABLE, WILL BE MADE TO MY DEPARTMENT, AGENCY, FIRM OR ORGANIZATION AND THAT WE WILL ARRANGE FOR A TRANSFER OF FUNDS OR MAKE PAYMENT WITHIN 30 DAYS AFTER RECEIPT OF SAID BILLING. FINANCE CHARGES WILL BE ASSESSED TO ALL AMOUNTS 30 DAYS PAST DUE. | | | | | |
| CUSTOMER SIGNATURE <i>Nicholas A. Flagg</i> | | | DATE 3/8/2018 | | |
| CUSTOMER NAME (PRINT) Nicholas A. Flagg | | | | | |

| Bid Item Number | BID ITEM IDENT. NO. | SPEC. SECTION | Bid Item Description | Unit | Quantity | Unit Price | Total |
|-----------------|---------------------|---------------|----------------------|------|----------|------------|-------|
|-----------------|---------------------|---------------|----------------------|------|----------|------------|-------|

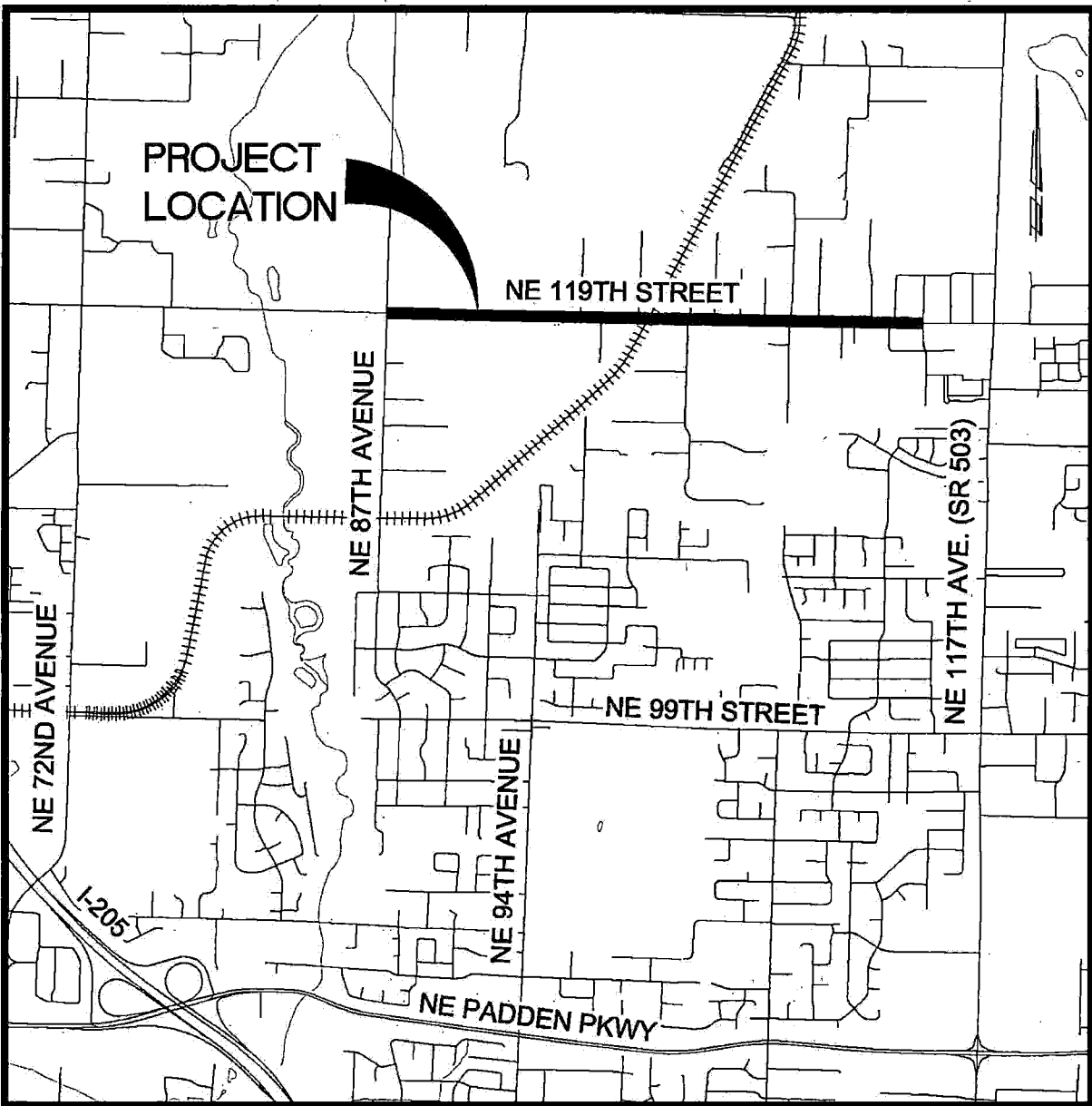
SCHEDULE C - CLARK PUBLIC UTILITIES WATER:

| Bid Item Number | BID ITEM IDENT. NO. | SPEC. SECTION | Bid Item Description | Unit | Quantity | Unit Price | Total |
|-----------------|---------------------|---------------|---|------|----------|--------------|----------------|
| 135 | 101.07 | APPX. B | MOBILIZATION | L.S. | 1 | \$7,600.00 | \$7,600.00 |
| 136 | 110.00 | APPX. B | TRAFFIC CONTROL | L.S. | 1 | \$4,300.00 | \$4,300.00 |
| 137 | | APPX. B | TRENCH SAFETY SYSTEM | L.S. | 1 | \$6,700.00 | \$6,700.00 |
| 138 | 801.52 | APPX. B | EROSION CONTROL MEASURES | L.S. | 1 | \$1,200.00 | \$1,200.00 |
| 139 | | APPX. B | FOUNDATION MATERIAL | C.Y. | 100 | \$75.00 | \$7,500.00 |
| 140 | 709.28 | APPX. B | 24-INCH AWWA C-905 PVC WATER MAIN INSTALLATION | L.F. | 5,500 | \$240.00 | \$1,320,000.00 |
| 141 | 709.09 | APPX. B | 24-INCH CLASS 52 DI WATER MAIN INSTALLATION | L.F. | 140 | \$400.00 | \$56,000.00 |
| 142 | 709.29 | APPX. B | 16-INCH AWWA C-905 PVC WATER MAIN INSTALLATION | L.F. | 240 | \$160.00 | \$38,400.00 |
| 143 | 709.24 | APPX. B | 8-INCH AWWA C-900 PVC WATER MAIN INSTALLATION | L.F. | 80 | \$80.00 | \$6,400.00 |
| 144 | | APPX. B | 24-INCH CLASS 52 WATER MAIN IN 42-INCH STEEL CASING | L.S. | 1 | \$110,000.00 | \$110,000.00 |
| 145 | 712.10 | APPX. B | 24-INCH BUTTERFLY VALVE ASSEMBLY | EACH | 3 | \$8,000.00 | \$24,000.00 |
| 146 | 712.10 | APPX. B | 16-INCH BUTTERFLY VALVE ASSEMBLY | EACH | 2 | \$6,000.00 | \$12,000.00 |
| 147 | 712.10 | APPX. B | 12-INCH BUTTERFLY VALVE ASSEMBLY | EACH | 2 | \$4,000.00 | \$8,000.00 |
| 148 | 709.62 | APPX. B | NE 119TH STREET CONNECTION, ASSEMBLY NO. 1 | L.S. | 1 | \$2,500.00 | \$2,500.00 |
| 149 | 709.62 | APPX. B | NE 119TH STREET CONNECTION, ASSEMBLY NO. 2 | L.S. | 1 | \$25,000.00 | \$25,000.00 |
| 150 | 714.50 | APPX. B | STANDARD FIRE HYDRANT ASSEMBLY | EACH | 3 | \$10,000.00 | \$30,000.00 |
| 151 | 714.50 | APPX. B | CONNECTION OF NEW FIRE HYDRANT ASSEMBLY TO EXISTING HYDRANT LATERAL | EACH | 2 | \$5,000.00 | \$10,000.00 |
| 152 | 717.76 | APPX. B | COMBINATION AIR VALVE ASSEMBLY | EACH | 1 | \$15,000.00 | \$15,000.00 |
| 153 | 709.50 | APPX. B | STANDARD BLOWOFF ASSEMBLY | EACH | 2 | \$2,500.00 | \$5,000.00 |
| 154 | 715.50 | APPX. B | STANDARD 1-INCH WATER SERVICE; NEAR-SIDE REPLACEMENT | EACH | 8 | \$1,200.00 | \$9,600.00 |
| 155 | 715.52 | APPX. B | STANDARD 1-INCH WATER SERVICE; FAR-SIDE REPLACEMENT | EACH | 6 | \$1,400.00 | \$8,400.00 |

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|----------------------------|-----------------------|
| SCHEDULE C SUBTOTAL | \$1,707,600.00 |
| CONTINGENCIES | \$0.00 |
| | \$1,707,600.00 |
| SALES TAX 8.40% | \$143,438.40 |
| SCHEDULE C TOTAL | \$1,851,038.40 |



**Department of Public Works
Engineering & Construction Division
Project Title: NE 119th Street East
(NE 87th Avenue to NE 112th Avenue)
CRP#: 342422**



Vicinity Map