

Council Business Meeting

June 4, 2019

Agenda Item	Approval of a Contract for Electric Improvements on Mountain Avenue	
From	Tom McBartlett	Director of Electric
Contact	thomas.mcbartlett@ashland.or.us 541-552-2314	

SUMMARY

Approval is being requested to award a contract for the installation of conduit necessary for underground electric infrastructure along North Mountain Avenue. The intent of staff is to award the contract to Knife River, in the amount of \$88,985, for excavation, conduit installation, and restoration.

POLICIES, PLANS & GOALS SUPPORTED

Electric ten-year planning study

- Reconfigure system to utilize extra feeders at Mountain Avenue Substation
- Allow the City to transfer load from other substations and reduce delivery charges
- Each distribution feeder should be capable of being supplied by one or more alternate distribution sources
- Transfer three MW of peak load from Ashland Substation North Main Feeder (A2001) to an unused or new feeder out of either Ashland or Mountain Avenue Substation

Department Goals

- Improve reliability and resiliency
- Long term cost savings

PREVIOUS COUNCIL ACTION

On March 19, 2019, Council approved a contract with Knife River to install electric conduits and vaults along Hersey Street. This contract is for the additional installation necessary to complete the connection to Mountain Avenue substation.

BACKGROUND AND ADDITIONAL INFORMATION

In February 2019, the Electric Department issued a request for bids to install underground conduit and vaults along Hersey Street. Included in that bid was a request for bidders to submit a separate proposal for the installation of conduits along Mountain Avenue to complete the connection to the substation. The primary reasons for this separate bid was funding and time constraints. Having this part of the project bid separately allowed the Department more flexibility in determining how much would be spent on this project for this year. If necessary, this part of the project could have been delayed due to it not being in the project area for the Hersey Street reconstruction.

FISCAL IMPACTS

After Council approved the contract with Knife River on [March 19, 2019](#), staff was able to identify some cost saving changes to the design of the system along Hersey Street. These changes reduced the length of trenching necessary to achieve the goals of the project. This resulted in cost reductions of \$150,000 in the Hersey Street contract.

The cost of this new contract is \$88,985 for the trench and conduit work along Mountain Avenue. This cost assumes that Knife River would complete this piece as part of the larger project, therefore not incur any additional mobilization expenses.

STAFF RECOMMENDATION

Staff recommends that Council approve the award of the contract with Knife River to complete the trench and conduit installation along Mountain Avenue to connect into the Mountain Avenue substation.

ACTIONS, OPTIONS & POTENTIAL MOTIONS

I move to approve the contract with Knife River in the amount of \$88,985 for excavation and installation of conduits along Mountain Avenue.

I move to deny the award of a contract to install electrical conduits along Mountain Avenue.

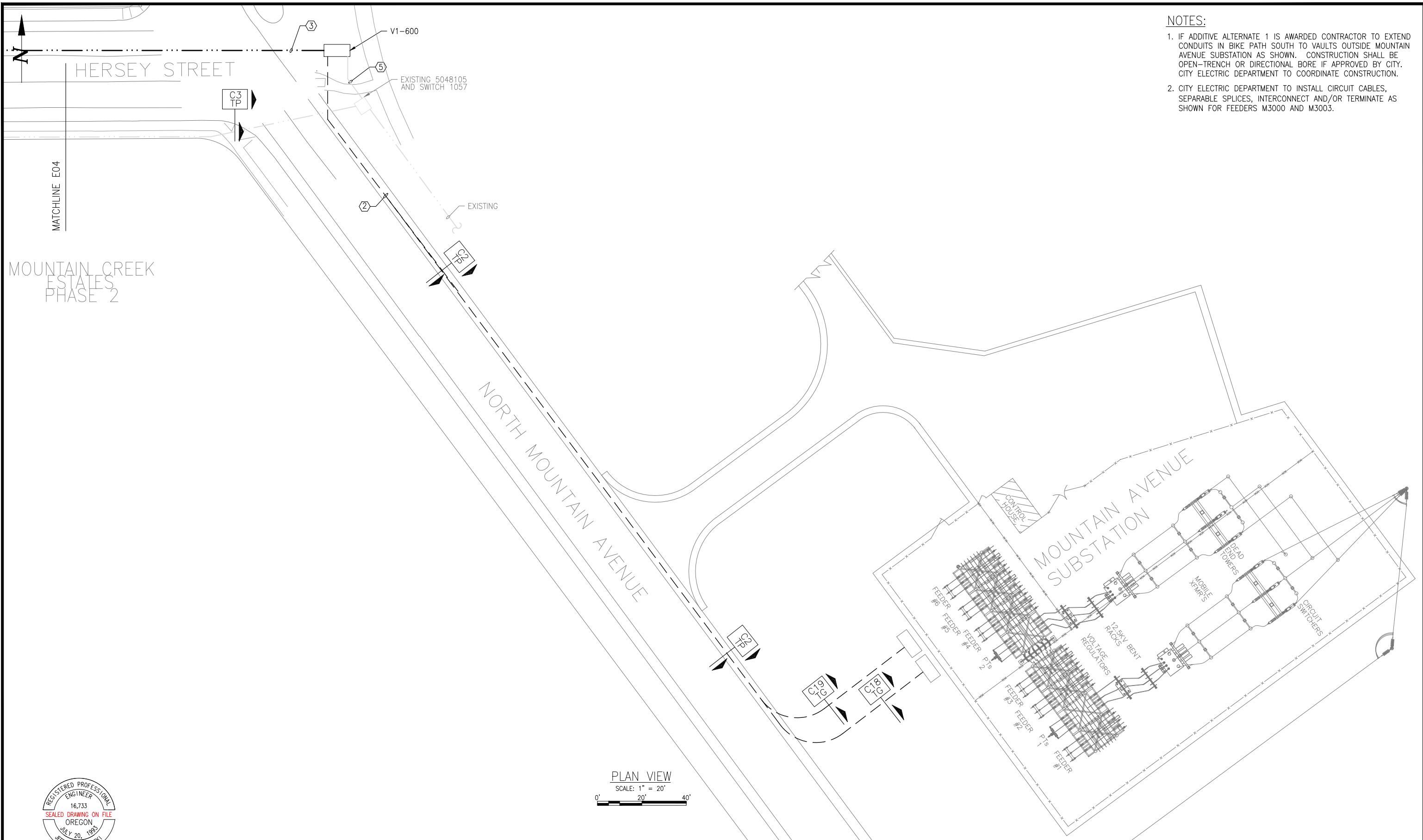
REFERENCES & ATTACHMENTS

Attachment 1: Engineer drawing for the additional bid

Attachment 2: Knife River bid submittal schedule C

Attachment 3: Bid summary

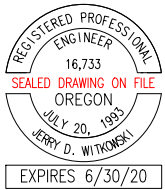
[March 19, 2019 Council Communication](#)



NOTES:

1. IF ADDITIVE ALTERNATE 1 IS AWARDED CONTRACTOR TO EXTEND CONDUITS IN BIKE PATH SOUTH TO VAULTS OUTSIDE MOUNTAIN AVENUE SUBSTATION AS SHOWN. CONSTRUCTION SHALL BE OPEN-TRENCH OR DIRECTIONAL BORE IF APPROVED BY CITY. CITY ELECTRIC DEPARTMENT TO COORDINATE CONSTRUCTION.
2. CITY ELECTRIC DEPARTMENT TO INSTALL CIRCUIT CABLES, SEPARABLE SPLICES, INTERCONNECT AND/OR TERMINATE AS SHOWN FOR FEEDERS M3000 AND M3003.

PLAN VIEW
SCALE: 1" = 20'
0' 20' 40'



ISSUED FOR CONSTRUCTION

NO.	REVISION	BY	DATE
0	FINAL ISSUED FOR CONSTRUCTION	OSE	04/18/19



VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY
REUSE OF DOCUMENTS
THIS DOCUMENT IS THE PROPERTY OF OS ENGINEERING & ALL SUBSIDIARIES AND CAN NOT BE USED WITHOUT WRITTEN PERMISSION

DSGN: J. WITKOWSKI
DRN: R. PATTON
CKD:
APD:

CUSTOMER:
CITY OF ASHLAND

TITLE: HERSEY STREET ELECTRIC UNDERGROUND PROJECT ADDITIVE ALTERNATIVE V1-600 TO MAS			
DRAWING #:	160070EN-AA-E30	SHT. AA-E30	REV SIZE
DATE:	JAN 2019	PROJECT: 160070-EN	0 0

**ADDITIVE ALTERNATE BID - SCHEDULE C
UNDERGROUND CONSTRUCTION UNITS**

Unit No.	Unit	No. of Units	Unit Price		Labor & Materials	Extended Price Labor & Materials
			Labor	Materials		
UDB (C2)	LF	380	15~	45.00	60~	22,800~
UDB (C18)	LF	60	10.50	31.50	42~	2,520~
UDB (C19)	LF	60	6.25	18.75	25~	JS 45,625 1500~
UTS(24)	LF	0	8.50	25.50	34~	JS 28,900
UTG(24)	LF	130	11.50	34.50	46~	5,980
UTP(24)	LF	370	18.88	56.62	75.50	27,935
SREX	CY	0	112.50	37.50	150.00	
OVEREX	CY	0	153.75	51.25	205.00	
ESC	LS	1-lot	750~	750~	1500~	1500~
TCP	LS	1-lot	2975~	2975~	5950~	5950~
MISC.	LS	1-lot	10,400	10,400	20,800~	20,800~

BID SCHEDULE C SUBTOTAL \$ 88,985

UNIT PRICE BID SUMMARIES

OPTION 1

BASIC BID SCHEDULE A \$ 81,200.00

PREFERRED BASIC BID SCHEDULE B-1 \$ 1,802,730.00

OPTION 1 - TOTAL BID AMOUNT \$ 1,883,930.00

OPTION 2

BASIC BID SCHEDULE A \$ 81,200.00

ALTERNATE BASIC BID SCHEDULE B-2 \$ 1,154,781.00

OPTION 2 - TOTAL BID AMOUNT \$ 1,235,981.00

ADDITIVE ALTERNATE BID SCHEDULE C \$ 88,985.00

Note: The CONTRACTOR'S liability insurance shall cover the total value of the project including Owner-Furnished-Equipment.

**CITY OF ASHLAND HERSEY STREET ELECTRIC UNDERGROUND PROJECT
 BID EVALUATION SUMMARY**

Bidder	Proposal Signed	Bid Bond	Bidders Qualification	Non-Collusion Affidavit	Addendum No. 1	Subcontractors	Exceptions	General Requirements Bid Schedule A	Basic Bid Schedule B-1	Alternate Basic Bid Schedule B-2	Additive Alternate Bid Schedule C	Solid Rock Excavation *	Over Excavation *	Option 1 Schedules A + B-1 Total	Option 2 Schedules A + B-2 Total	Lump Sum Total Bid Schedules A + B-1 + C	Lump Sum Total Bid Schedules A + B-2 + C
<i>Engineer's Estimate</i>								\$ 42,500.00	\$ 1,230,950.00	\$ 783,250.00	\$ 57,100.00	\$ 350.00	\$ 125.00	\$ 1,273,450.00	\$ 825,750.00	\$ 1,330,550.00	\$ 882,850.00
<i>Knife River Materials</i>	Y	Y	Y	Y	Y	Y	N	\$ 81,200.00	\$ 1,802,730.00	\$ 1,154,781.00	\$ 88,985.00	\$ 150.00	\$ 205.00	\$ 1,883,930.00	\$ 1,235,981.00	\$ 1,972,915.00	\$ 1,324,966.00
<i>Pilot Rock Excav.</i>	Y	Y	Y	Y	Y	Y	Y	\$ 100,000.00	\$ 2,098,330.00	\$ 1,447,940.00	\$ 92,780.00	\$ 250.00	\$ 50.00	\$ 2,198,330.00	\$ 1,547,940.00	\$ 2,291,110.00	\$ 1,640,720.00
<i>D</i>								\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>E</i>								\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

* = Not included in Lump Sum Total