



## **Ketchum Urban Renewal Agency**

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**P.O. Box 2315 | 480 East Ave. N. | Ketchum, ID 83340**

September 21, 2020

Chair and Commissioners  
Ketchum Urban Renewal Agency  
Ketchum, Idaho

### **Discussion and direction to staff on installation of a HAWK signal at 4<sup>th</sup> Street and Main Street**

#### Introduction/History

The KURA has approved the funding and installation of a HAWK signal at the corner of 4<sup>th</sup> Street and Main Street. This signal will significantly improve pedestrian and bicycle safety when crossing Main Street. Examples of HAWK signals are shown in Attachment A.

Because the HAWK signal will synchronize with the signal at Main Street and Sun Valley Road, ITD has agreed to convert the signal into a “scramble” configuration. A scramble stops traffic in all directions and allows the pedestrian to cross in any direction. This is the preferred and most pedestrian friendly method for crossing intersections such as Main Street and Sun Valley Road.

#### Analysis

Attachment B provides the schedule for implementation. Unfortunately, the cost of the project is above the initial projections. As shown in Attachment C, Schedule of Values, the construction installation costs exceed initial estimates.

Installation proposals were requested from six companies. Three declined to submit a proposal, one indicated they would submit and did not and two proposals were received. One proposal was for \$236,100 and the other was for \$123,705. A similar signal was installed in Nampa Idaho and the installation cost was \$117,441. The following represents the companies contacted for a proposal:

- Electronic One – received - \$123,705 (Attachment D)
- Wheeler Electric – received – \$236,100 (Attachment E)
- CNR – Committed to provide bid, called multiple times, no bid provided
- Quality Electric – declined to bid, provided costs for similar project - \$117,441 (Project was in Nampa so mobilization cost would be higher for Ketchum)
- Simon’s Electric – declined
- Complete Electric – declined

Staff is seeking direction from the KURA on the installation costs. The costs appear to be in the range of recently installed HAWK signals.

Should the KURA agree to proceed with Electric One, staff will schedule City Council approval of the contract at their meeting on September 29, 2020.

#### Financial Requirement/Impact

There are sufficient funds in the infrastructure budget to fund the completion of the HAWK signal.

#### Recommendation and Motion

Staff recommends the Board discuss the project and provide direction to staff.

#### Attachments:

Attachment A: Photos of HAWK signal

Attachment B: Implementation schedule

Attachment C: Schedule of Values

Attachment D: Electric One Proposal

Attachment E: Wheeler Electric Proposal



Preliminary HAWK Schedule	
Date	Milestone
June 23, 2020	Execute Purchase Order and order equipment
September 21, 2020	KURA discussion and potential approval of contractor
September 29, 2020	City Council approval of contractor agreement
October 1, 2020	Submit encroachment agreement to ITD
October 5, 2020	Public Outreach and Information begins
October 12, 2020	Construction begins
November 1, 2020	Earthwork completed
November 3, 2020	Equipment delivery
November 13, 2020	Construction complete

Construction Schedule of Values

AIA DOCUMENT G703

AIA DOCUMENT G703 • CONTINUATION SHEET • FACSIMILE

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification, is attached. In tabulations below, amounts are stated to the nearest dollar. Use Column 1 and Contracts where variable retainage for line items may apply.

APPLICATION NO.:1

INVOICE NO.:

PROJECT NO.:

APPLICATION DATE:

PERIOD TO:1

A	B	C1	C2	C3	D	E	F	G		H	I
COST CODE	DESCRIPTION	BUDGET	CHANGE ORDERS	TOTAL BUDGET	WORK IN PLACE		STORED MATERIAL	TOTAL TO DATE	% OF COMP.	BALANCE TO COMPLETE	RETAINAGE
					PREVIOUS	CURRENT					
4th Street HAWK											
	4th Street HAWK Equipment	\$21,800.00		\$21,800.00	\$21,800.00			\$21,800.00	100.0%	\$0.00	
	4th Street Radios (1)	\$3,500.00		\$3,500.00		\$3,500.00		\$3,500.00	100.0%	\$0.00	
	4th Street Sign for Mast Arms	\$1,000.00		\$1,000.00				\$0.00	0.0%	\$1,000.00	
	4th Street Powder Coating (2x)	\$1,466.00		\$1,466.00		\$1,466.00		\$1,466.00	100.0%	\$0.00	
	Main Street Equipment	\$1,920.00		\$1,920.00	\$1,920.00			\$1,920.00	100.0%	\$0.00	
	4th Street Poles - Misc work, cutting capping	\$1,858.83		\$1,858.83	\$1,858.83			\$1,858.83	100.0%	\$0.00	
	Construction - ElectricOne - TBD	\$123,705.00		\$123,705.00				\$0.00	0.0%	\$123,705.00	
	Traffic Control	\$5,800.00		\$5,800.00				\$0.00	0.0%	\$5,800.00	
	Landscape repair	\$8,242.00		\$8,242.00				\$0.00	0.0%	\$8,242.00	
	Striping	\$500.00		\$500.00				\$0.00	0.0%	\$500.00	
	Construction Contingency (10%) - TBD	\$13,824.70		\$13,824.70				\$0.00	0.0%	\$13,824.70	
	Subtotal	\$183,617	\$0.00	\$183,617	\$25,578.83	\$4,966.00	\$0.00	\$30,544.83	16.6%	\$153,071.70	\$0.00
TOTAL CONSTRUCTION		\$183,617	\$0.00	\$183,617	\$25,578.83	\$4,966.00	\$0.00	\$30,544.83	16.6%	\$153,072	\$0.00

ITD provided equipment

	4th Street Poles and Mast Arms (2x)	\$12,859.00									
	4th Street Light Extensions	\$2,000.00									
	4th Street Light Mast Arms	\$400.00									
	Subtotal	\$15,259									

City of Ketchum 4th Steet HAWK



268 Victory Ave  
Twin Falls, Idaho 83301

Hi Sherri,

Below I have broken out what I feel to be the key areas of the HAWK Signal that I quoted to you. I hope this helps.

-Underground Work to include excavation, pipe work, concrete forming and pouring, backfill with guaranteed compaction to subgrade for sidewalk, rebar (material and installation) anchor bolts (material and installation), all equipment including excavator, backhoe, and line truck.

**\$68,918.00**

Overhead Work to include steel preparation and erection, installing and terminating wires, cables, and signal equipment and controller. Overhead work to include signs (diamond grade with bracketry furnished and installed). Overhead work includes equipment necessary to install signal poles, arms, heads and signs such as a bucket truck, scissor lift, and line truck. E1 will coordinate with Econolite for programming and testing.

**\$40,516.00**

Directional Boring to include excavating start/catch holes, directional bore, 2" pipe installation, and pot-hole repair where needed.

**\$11,061.00**

~~Ped Scramble to include the drilling and tapping required for head installation, pulling and terminating signal cabling, incidental materials for complete install of 4 new heads. E1 will coordinate with Econolite for programming and testing.~~

~~**\$6,180.00**~~

Wireless Interconnect to include installation of supplied materials, determining what system is needed, and coordination with Econolite for aiming the units and testing. Price includes bucket truck.

**\$2,020.00**

Electrical Permit

**\$1,160.00**

**Total: ~~\$129,855.00~~ \$123,675**

Adam York

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Electric 1 West

Phone: 208-735-9578 Fax: 208-735-9572





**Wheeler**  
**ELECTRIC, INC.**  
DEDICATED TO EXCELLENCE SINCE 1962

469 W. 16<sup>th</sup> Street  
Idaho Falls, ID 83402

OFFICE: 208-522-1906

FAX: 208-522-5927

[www.wheelerelectric.com](http://www.wheelerelectric.com)

September 8, 2020

## S&C ASSOCIATES

Attn: Sherri Newland

Phone: 208.861.7593

Email: [snewland@sandcassociates.com](mailto:snewland@sandcassociates.com)

### 4<sup>TH</sup> STREET HAWK SIGNAL KETCHUM, IDAHO

ELECTRICAL WORK COMPLETE -

\$ 236,100.00

❖ We **are including** the following:

- Install owner furnished material for new HAWK signal, including poles, mast arms and signal equipment.
- Provide and install foundations and for new poles.
- Bore conduit underground for new push button on light pole.
- Re-configure power for new signals and connect existing light pole to the same circuit.

❖ We **are excluding** the following:

- All owner provided items listed and not listed above.
- Permit fees and use taxes.

No specifications were provided for this proposal. Ordered material will need to be specified and may result in extra cost.

Thank you for the opportunity to provide this proposal.

*Cody Wheeler*

[codyw@wheelerelectric.com](mailto:codyw@wheelerelectric.com)

Proposal valid for 30 days.

\*Failure by Wheeler Electric, Inc. to specifically exclude any particular item shall not be interpreted as an inclusion of that item in the SOW. Anything not covered in the scope of work will be addressed as a change order.

Wheeler Electric, Inc.

IDAHO LICENSE # C-1950 ♦ IDAHO DPW LICENSE # 12483-U-4

*An equal employment opportunity employer*