

AGENDA ITEM SUMMARY

DATE: 2/6/12 DEPARTMENT: PW - Sustainability

DEPT. HEAD SIGNATURE: 

- **SUBJECT:** Motion to approve purchase of LED Street Lights under the EPA Community Climate Showcase Grant

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____
 (IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

Bids for replacing the existing high pressure sodium street lights with energy efficient lights were received on September 30, 2011. There were two vendors who submitted with both a base bid bulb replacement within the existing fixtures and an alternative to replace the entire fixture and bulb with a more expensive and non-compliant dark sky light. Based upon discussion at the October 24, 2011, city council meeting we opted to ask for a demonstration light from the vendor claiming to be able to meet our specification requirements by changing only the bulb to provide better lighting for pedestrians.

The process of obtaining a fixture with the new lighting source installed took nearly two months and was received and installed shortly before Christmas. Due to adjacent extraneous light we were unable to determine if the fixture met our requirements, necessitating moving the fixture to a new location. Additional time has been spent with the light orientation to determine its acceptability.

While the light does not fully meet the specifications it does provide lighting beyond both the high pressure sodium lights and another sample installed LED light. Our bid documents stated "*The City of Hailey reserves the right to reject any or all proposals, waive any nonmaterial irregularities in the bids received, and to accept the proposal deemed most advantageous to the best interest of the City of Hailey*" which would allow us to accept the proposal that provides better lighting, but not in full compliance with the specification of the bid request.

LED lights save costs in two ways. First, they are 40 – 70% more efficient which represents a small but continuous electric savings. Second, the average life of a high pressure sodium light is around 2 years and they also require ballasts which last 3-4 years, which are maintenance and replacement costs. The combined cost of these items is over \$200. LED lights have a guarantee of 5 years, often last up to ten years and require no ballasts. The light LEDs produce takes longer to fade and is more easily read by the human eye, which improves clarity and visibility, compared to the light produced by high pressure sodium lights.

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS: Caselle # _____
 Budget Line Item # _____ YTD Line Item Balance \$ _____
 Estimated Hours Spent to Date: _____ Estimated Completion Date: _____
 Staff Contact: _____ Phone # _____
 Comments:

The Community Climate Showcase Grant was written with an estimated cost of \$500/light fixture and proposed city labor to install the fixture inserts. With the proposed replacement of 70 lights the grant amount received was \$35,000. The bid price for the preferred demonstration light was \$745/light fixture while the other bid was \$535/light fixture.

We recommend the following for the purchase of the LED lights: Purchase 34 of the preferred demonstration lights, which are designed to throw more light into the intersection to improve the visibility of pedestrians, to be installed along Main St. and at 1st and Bullion for a cost of \$25,330. The Police Chief also supports this for increased pedestrian safety. Purchase 18 of the less expensive LED lights at a cost of \$9,630 for installation in areas that do not have an intersection to light up. These areas include Airport West subdivision, around Albertsons and along River St. At Council's direction an additional 18 of the lower cost LED lights could be purchased for \$9,630 to have the entire 70 lights changed out. The city will not be penalized by the US EPA (grantor) for the reduction in the number of lights retrofitted, when compared to what was originally proposed.

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)

- City Administrator
- City Attorney
- City Clerk
- Building
- Engineer
- Fire Dept.
- Library
- Mayor
- Planning
- X Police
- X Public Works, Parks
- P & Z Commission
- Benefits Committee
- X Streets
- Treasurer

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

Motion to approve the purchase of 34 LED light fixture inserts at \$745 each from D&S Electric for a total purchase price of \$25,330 and 18 LED light fixture inserts from Site Based Energy at \$535 each for a total purchase price of \$9,630.

Second motion at Council's discretion: Motion to approve the purchase of an additional 18 LED light fixture inserts from Site Based Energy for \$9,630.

ADMINISTRATIVE COMMENTS/APPROVAL:

City Administrator _____ Dept. Head Attend Meeting (circle one) Yes No

ACTION OF THE CITY COUNCIL:

Date _____

City Clerk _____

FOLLOW-UP:

*Ord./Res./Agrmt./Order Originals: Record
 Copies (all info.): _____
 Instrument # _____

*Additional/Exceptional Originals to: _____
 Copies (AIS only)

CITY OF HAILEY
RESOLUTION NO. 2012-04

WHEREAS, the CITY OF HAILEY is approving the purchase of LED Street Lights under EPA Community Climate Showcase Grant.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HAILEY, IDAHO, is approving the purchase of 34 LED light fixture inserts at \$745 each from D& S Electric for a total purchase price of \$25,330 and 18 LED light fixture inserts from Site Based Energy at \$535 each for a total purchase price of \$9,630.

Passed this 6th day of February, 2012.

City of Hailey

Fritz Haemmerle, Mayor

ATTEST:

Mary Cone, City Clerk

(Seal)

AGENDA ITEM SUMMARY

DATE: February 6, 2012

DEPARTMENT: Community Development

DEPT. HEAD: 

SUBJECT: Motion to approve the alternative sidewalk location, connecting the existing sidewalk adjacent to the Hailey Elementary School along the north property line to the west property line, to satisfy the sidewalk requirement for the new BCSD maintenance building in Airport West.

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____ 6A.7
(IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

The Council discussed this matter on November 28, 2011 and January 23, 2012.

A sidewalk length of approximately 215 feet long and 5 feet wide (1,075 square feet) with curb and gutter is required to meet the BCSD Maintenance Building sidewalk requirement (1630 Aviation Drive). The city agreed with the applicant that having the sidewalk constructed at the location in Airport West would have less of a public benefit and therefore selection of an alternative location is generally preferable. There was discussion of how to leverage this opportunity to improve the public access easement designated on the west side of the Hailey Elementary School lot and platted as part of the Wertheimer Park Subdivision. The public access easement is approximately 675 feet. The requirement could be met by improving the easement with a 5 foot concrete sidewalk with a drainage swale to connect First Avenue and downtown to the Rodeo Park. This option would be a significant improvement to connectivity to downtown and the "south Main activity area" but would also require the additional cost of moving the fence inward to the east in order to maintain the integrity of the safety of the playground (the path would then be located outside the fence on the west side) in addition to moving irrigation, backstops, playground equipment and gates. This project will require a funding partnership between the city and BCSD and will need to be planned in upcoming city and school district budget cycles according to its priority.

At the direction of City Council, City and BCSD staff met to review costs and have determined the following to be the best solution to meet both the city's and BCSD objectives:

Connect the south end of the existing sidewalk adjacent to the Hailey Elementary School on First Avenue by constructing a new 8 foot sidewalk along the jog in the west property line which will curve in toward the remainder of the west property line along the length of Nelson Field. This portion of sidewalk will be approximately 115 feet long and be 8 feet wide and will equal approximately 920 square feet of sidewalk with curb and gutter. The current cost per square foot of sidewalk, curb and gutter is \$3.50. The approximately cost to of the required length of sidewalk, curb and gutter is \$3,763. The approximate cost to install the 115 feet at the Hailey Elementary School site is \$3,220. The existing gate along this same portion of fence will be moved to the northwest corner of the fence to accommodate public access to the easement along the west fence line. The cost of relocating the gate is approximately \$500. This segment of sidewalk and the gate relocation will satisfy the requirement for the BCSD maintenance building in Airport West.

For further reference the other costs involved to construct a sidewalk along the full length of the easement along Nelson Field are as follows:

- \$20,200 to move fence to the east side of the easement along the west property line (Uhrig Fencing quote)
- \$10,060 to move backstops and gates.
- \$51,873 to construct curbs, gutters and 5 foot sidewalk along the entire length of the easement (Kolman quote).
- \$5,000 to move sprinklers

BCSD staff stated that when the City is financially able to plan this project BCSD staff will approach the School Board to look at a cost sharing plan.

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ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)

<input checked="" type="checkbox"/>	City Administrator	<input type="checkbox"/>	Library	<input type="checkbox"/>	Benefits Committee
<input type="checkbox"/>	City Attorney	<input type="checkbox"/>	Mayor	<input type="checkbox"/>	Streets
<input type="checkbox"/>	City Clerk	<input type="checkbox"/>	Planning	<input type="checkbox"/>	Treasurer
<input type="checkbox"/>	Building	<input type="checkbox"/>	Police	<input type="checkbox"/>	_____
<input checked="" type="checkbox"/>	Engineer	<input type="checkbox"/>	Public Works, Parks	<input type="checkbox"/>	_____
<input type="checkbox"/>	Fire Dept.	<input type="checkbox"/>	P & Z Commission	<input type="checkbox"/>	_____

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

Motion to approve the alternative sidewalk location, connecting the existing sidewalk adjacent to the Hailey Elementary School along the north property line to the west property line, to satisfy the sidewalk requirement for the new BCSD maintenance building in Airport West.

ADMINISTRATIVE COMMENTS/APPROVAL:

City Administrator _____ Dept. Head Attend Meeting (circle one) Yes No

ACTION OF THE CITY COUNCIL:

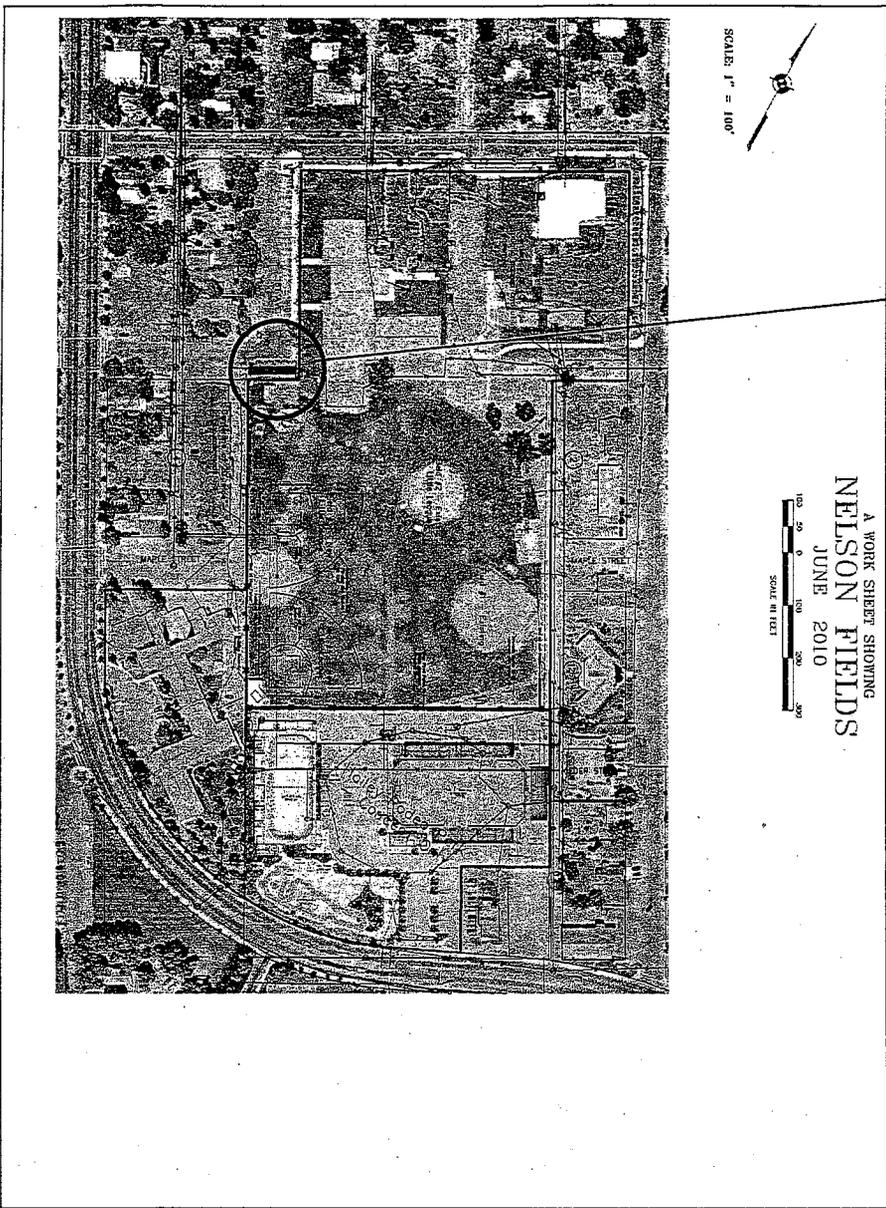
Date _____

City Clerk _____

FOLLOW-UP:

*Ord./Res./Agrmt./Order Originals: Record
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Location of new sidewalk to satisfy the BCSD Maintenance Bldg (1630 Aviation Dr) design review requirement

