Council will open the public meeting in the Council Conference Room. After announcing the topic or topics to be discussed under C.R.S. 24-6-402-4, a vote of Council will be taken. If 2/3 of the quorum present votes affirmatively, attendance shall be limited to the members of City Council and Council may invite other persons as may be required for advice and information. No formal vote will be taken on any matter under discussion.

I. Executive Session
   At 6:00 p.m. in the City Council Conference Room and pursuant to C.R.S 24-6-402-4 (f)(l) City Council will discuss a personnel matter related to the City Attorney.

II. Dartmouth Bridge Grant Update – 6:45 p.m.
   Public Works Director Rick Kahm and Deputy Public Works Director Dave Henderson will be present to provide an update on a grant for repairs to Dartmouth Bridge.

III. Public Works Right-of-Way Fees – 7:00 p.m.
    Public Works Director Rick Kahm and Deputy Public Works Director Dave Henderson will be present to discuss proposed right of way fees.

IV. Easement Dedication – 7:15 p.m.
    Public Works Director Rick Kahm and Deputy Public Works Director Dave Henderson will be present to discuss an easement dedication at 5001 S. Broadway.

V. Recreation Center HVAC Update – 7:25 p.m.
    Public Works Director Rick Kahm and Facilities and Operations Manager Michael Hogan will be present to provide an update on the Recreation Center HVAC.
MEMORANDUM

TO: City Council

THROUGH: Eric A. Keck, City Manager

THROUGH: Rick Kahm, Director of Public Works

FROM: Dave Henderson, Deputy Public Works Director

DATE: January 28, 2015

SUBJECT: DARTMOUTH BRIDGE GRANT UPDATE

The Colorado Municipal League (CML) completed reviewing applications for bridge rehabilitation or replacement projects. Englewood's Dartmouth Bridge application was initially not recommended (see the attached memorandum, dated December 12th, from the Special Highway Committee).

Subsequent to receiving the "not recommended" memorandum, Mr. Mark Radtke, staff member to the Committee, contacted staff to offer $524,000 towards our $1,739,886 project. Apparently, the City of Denver withdrew a project request of similar magnitude, freeing up the $524,000. I understand that the City Manager of Littleton advocated for this recommendation and notified City Manager Keck in advance of the phone call Public Works received from CML. Mr. Radtke requested a response from the City regarding their funding recommendation by early February.

The process for this funding falls outside the usual Denver Regional Council of Government (DCOG) process. The Special Highway Committee's recommendations for federal funding go directly to CDOT without competing against other bridge projects submitted to DRCOG. Typically, construction funding would be out two to three years from the time the project is included in CDOT's State Transportation Improvement Program (STIP). A formal Intergovernmental Agreement between CDOT and Englewood will be required.

Based on previous experience with CDOT federally funded projects, I would anticipate the following schedule and funding needs:

2015
- The project is included in the STIP
- IGA with CDOT executed
- CDOT issues a notice to proceed

2016
- Design consultant selected per CDOT and federal requirements
- Environmental, Right of Way, and Utility clearances obtained
- Design complete and project out to bid

2017
- Construction completed
The project estimate was based on 2014 construction costs with contingency added. Due to the estimated three year period before construction, a more realistic project estimate is $2,000,000. The $524,000 Federal Grant represents 26.2% of the project. Funding requirements would be as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Matched Funds</th>
<th>Federal Funds</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015 (IGA)</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>2016 (Design)</td>
<td>City Match $147,600</td>
<td>Federal $52,400</td>
<td>$200,000</td>
</tr>
<tr>
<td>2017 (Construction)</td>
<td>City Match $1,328,400</td>
<td>Federal $471,600</td>
<td>$1,800,000</td>
</tr>
</tbody>
</table>

**Total** $2,000,000

An accelerated schedule, with construction beginning in 2016, may be possible depending on CDOT staff and federal funding authorizations.

Staff will attend the February 2\textsuperscript{nd} Study Session to discuss this grant offer.
December 12, 2014

Mr. David Henderson
Deputy Public Works Director
City of Englewood
1000 Englewood Parkway
Englewood, CO 80110

RE: ENGLWD-DAPR

Dear Mr. Henderson,

I regret to inform you that Englewood’s project ENGLWD-DAPR was not recommended for funding by the Special Highway Committee. The Committee met on December 11 to select the bridge replacement and rehabilitation projects that will be recommended to the Transportation Commission for funding.

The Committee appreciates the time and effort put into your application.

Sincerely,

Mark Radtke
Colorado Municipal League
Staff member to the Committee
MEMORANDUM

TO: City Council

THROUGH: Eric A. Keck, City Manager

THROUGH: Rick Kahm, Director of Public Works

FROM: Dave Henderson, Deputy Public Works Director

DATE: January 27, 2015

SUBJECT: PUBLIC WORKS RIGHT OF WAY FEES - PROPOSED CHANGES

Staff has been evaluating fees charged for work within the public right-of-way. The last fee adjustment was in December, 2012 (Resolution No. 90, Series of 2012). Staff has been tracking the cost to provide this service and recommends adjustments as detailed below:

Work Done in the Public Way:

<table>
<thead>
<tr>
<th>Type of Permit/Service</th>
<th>Existing Fee</th>
<th>Proposed Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excavation Permit Fee</td>
<td>$95.00 (flat fee)</td>
<td>$115.00 (flat fee)</td>
</tr>
<tr>
<td>Asphalt Patch Fee</td>
<td>$6.90/sq. ft.</td>
<td>$12.25/sq. ft.</td>
</tr>
<tr>
<td>Gravel Alley Cut Fee</td>
<td>$2.00/sq. ft.</td>
<td>$2.00/sq. ft.</td>
</tr>
<tr>
<td>Concrete Permit</td>
<td>$100.00 (flat fee)</td>
<td>$115.00 (flat fee)</td>
</tr>
<tr>
<td>Working without Permit</td>
<td>Double Fee</td>
<td>Double Fee</td>
</tr>
<tr>
<td>Re-inspection Fee</td>
<td>$50.00</td>
<td>$75.00</td>
</tr>
</tbody>
</table>

Occupancy Permits

<table>
<thead>
<tr>
<th>Occupancy Permits</th>
<th>Existing Fee</th>
<th>Proposed Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dumpster (resident)</td>
<td>$25.00</td>
<td>$25.00</td>
</tr>
<tr>
<td>Contractor Occupancy</td>
<td>$95.00</td>
<td>$115.00</td>
</tr>
<tr>
<td>Block Party</td>
<td>$0*</td>
<td>$0*</td>
</tr>
<tr>
<td>Oversize/Overweight Vehicle</td>
<td>Per State Fee</td>
<td>Per State Fee</td>
</tr>
</tbody>
</table>

*City provides barricades (delivery and pick up)

The proposed fee schedule above will be for typical contractor projects. Development projects or projects requiring detailed plan review will be charged for the actual time spent for processing, review, and inspection. The amount will be estimated by staff and collected at the time the permit is issued. The contractor will receive a refund if actual costs are less than estimated. The contractor will be required to reimburse for actual costs exceeding the estimate. Costs will be based on the following fully loaded labor rates:

<table>
<thead>
<tr>
<th>Labor Type</th>
<th>Existing Rate</th>
<th>Proposed Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clerical</td>
<td>$35.00 per hour</td>
<td>$38.00</td>
</tr>
<tr>
<td>Engineers</td>
<td>$58.00 per hour</td>
<td>$63.00</td>
</tr>
<tr>
<td>Inspectors</td>
<td>$48.00 per hour</td>
<td>$52.00</td>
</tr>
</tbody>
</table>
The proposed fees will still be on the lower end of what most other local governments are charging (see the table below).

<table>
<thead>
<tr>
<th>City</th>
<th>Excavation in Street Permit</th>
<th>Asphalt Patch</th>
<th>Excavation in Alley Permit</th>
<th>Gravel Alley Repair</th>
<th>Concrete Permit</th>
<th>Dumpster Permit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheridan</td>
<td>$200</td>
<td>*</td>
<td>$200</td>
<td>*</td>
<td>$25</td>
<td>$0</td>
</tr>
<tr>
<td>Littleton</td>
<td>$110</td>
<td>*</td>
<td>$110</td>
<td>*</td>
<td>$110</td>
<td>$0</td>
</tr>
<tr>
<td>Golden</td>
<td>$206</td>
<td>$388</td>
<td>$206</td>
<td>N/A</td>
<td>$50</td>
<td>$50</td>
</tr>
<tr>
<td>Centennial</td>
<td>$315</td>
<td>$150 min.</td>
<td>$315</td>
<td>*</td>
<td>$340</td>
<td>$25</td>
</tr>
<tr>
<td>Englewood Proposed</td>
<td>$115</td>
<td>$306</td>
<td>$115</td>
<td>$50</td>
<td>$115</td>
<td>$25</td>
</tr>
</tbody>
</table>

* “By Contractor”

NOTE: Estimated fees based on 5’ x 5’ (25 sq. ft.)

Additional revenue projections, based on the proposed fees, are in the neighborhood of $63,000 annually as detailed below:

<table>
<thead>
<tr>
<th>Type of Permit/Service</th>
<th>Existing</th>
<th>Anticipated</th>
<th>Annual increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excavation</td>
<td>$30,000</td>
<td>$36,000</td>
<td>$6,000</td>
</tr>
<tr>
<td>Asphalt Patch</td>
<td>$70,000</td>
<td>$124,000</td>
<td>$54,000</td>
</tr>
<tr>
<td>Gravel Alley Cut</td>
<td>$4,000</td>
<td>$4,000</td>
<td>$0</td>
</tr>
<tr>
<td>Concrete Permit</td>
<td>$6,000</td>
<td>$7,000</td>
<td>$1,000</td>
</tr>
<tr>
<td>Occupancy Permit</td>
<td>$3,500</td>
<td>$4,500</td>
<td>$1,000</td>
</tr>
<tr>
<td>Re-inspection</td>
<td>$250</td>
<td>$750</td>
<td>$1,000</td>
</tr>
</tbody>
</table>

The majority of the additional revenue would come from Excavation and Asphalt Patch. It should be noted that approximately 55% of the Excavation permits are issued to Xcel Energy. Xcel’s annual costs would increase by approximately $3,000. The City’s Utilities Department accounts for approximately 90% of the Asphalt Patch fees. Utilities annual increase is estimated at $50,000. Utilities is evaluating options for patching, including hiring contractors or purchasing equipment to perform asphalt patching with their own crews.

Staff will attend the February 2nd Study Session to discuss this proposed fee structure.

/lt

c: Leigh Ann Hoffhines
    Larry Nimmo
MEMORANDUM

TO: City Council

THROUGH: Eric A. Keck, City Manager

THROUGH: Rick Kahm, Director of Public Works

FROM: Dave Henderson, Deputy Public Works Director

DATE: January 27, 2015

SUBJECT: EASEMENT DEDICATIONS - 4979 AND 5001 S. BROADWAY

The Sprouts development on S. Broadway north of Belleview required the filing of a Subdivision plat prior to construction. The plat called for the future dedication of easements for public amenities (see attached plat with note highlighted). The intent is for the developer to dedicate easements for sidewalks, signage, and traffic signal equipment.

The advantage of waiting for the formal dedication until after construction is to assure that the easements are based on “as-built” improvements. Per our agreement, the developer retained the services of a professional land surveyor who has prepared legal descriptions based on actual field locations of the improvements (exhibits attached). Transportation easements will be dedicated two feet behind the sidewalk and traffic signal equipment (see the attached aerial photo for the general location of the proposed dedications).

Staff will be present at the February 2nd Study Session to discuss these dedications and answer any questions Council may have. Pending City Council concurrence, staff will present a bill for an ordinance formally accepting the dedications at an upcoming City Council meeting.

lt/att (4)

c: Leigh Ann Hoffhines
EXHIBIT A

4979 S. Broadway

Transportation Easement

A portion of Lot 3, Broadbell Subdivision as platted in the records of Arapahoe County, Colorado at Reception Number D3119053, located in the SW 1/4, Section 10, Township 5 South, Range 68 West of the Sixth Principal Meridian in the City of Englewood, more particularly described as follows:

Commencing at the southeast corner of said Lot 3;

Thence N0°10'29"E along the west right-of-way line of S. Broadway, 2.89 feet to the Point of Beginning;

Thence through said lot along the following seven courses:

1) N89°49'31"W, 2.00 feet;
2) N0°10'29"E, 8.44 feet;
3) N89°49'31"W, 1.50 feet;
4) N0°10'29"E, 6.00 feet;
5) S89°49'31"E, 1.50 feet;
6) N0°10'29"E, 14.63 feet;
7) S89°49'31"E, 2.00 feet to said west line;

Thence S0°10'29"W along said west line, 29.07 feet to the Point of Beginning.

Said parcel, as described, contains an area of 67 square feet, more or less.

Basis of Bearings

The east line, SW 1/4, Section 10 bears S00°10'29"W per the Arapahoe County Horizontal Control Network. It is monumented at the center of Section 10 by a 3-1/4" aluminum cap in monument box, 0.4' below roadway surface, PLS 27278 and at the south ¼ corner, section 10 by a steel axle, 29" long with concave top in monument box, 13" below asphalt surface, PLS 22571.

Certification

[Signature]

For and on behalf of
Vermilion Peak Engineering LLC
1745 Shea Center Drive, 4th Floor
Highlands Ranch, CO 80129

Page 1 of 2
EXHIBIT A

4989 & 5001 S. Broadway

Transportation Easement

A portion of Lots 1 and 2, Broadbell Subdivision as platted in the records of Arapahoe County, Colorado at Reception Number D3119053, located in the SW 1/4, Section 10, Township 5 South, Range 68 West of the Sixth Principal Meridian in the City of Englewood, more particularly described as follows:

Parcel A
Commencing at the southeast corner of said Lot 1;
Thence N0°02'59"W along the west right-of-way line of S. Broadway, 125.73 to the Point of
Beginning of Parcel A;
Thence through said Lot 1 along the following three courses:
  1) N43°57'25"W, 8.83 feet;
  2) N3°53'37"E, 91.57 feet;
  3) S86°06'23"E, 6.54 feet to said west right-of-way line;
Thence S3°53'37"W along said west line, 97.50 feet to the Point of Beginning of Parcel A.

Said parcel, as described, contains an area of 619 square feet, more or less.

Together with:

Parcel B
Beginning at the northeast corner of said Lot 1;
Thence S0°10'29"W along said west right-of-way line, 39.50 feet;
Thence through said Lots 1 and 2 along the following four courses:
  1) N26°25'21"W, 11.19 feet;
  2) N3°34'39"E, 35.82 feet;
  3) N0°10'29"E, 37.44 feet;
  4) S89°49'31"E, 2.88 feet to said west right-of-way line;
Thence S0°10'29"W along said west line, 43.71 feet to the Point of Beginning of Parcel B.

Said parcel, as described, contains an area of 274 square feet, more or less.

Together with:

Parcel C
Commencing at the northeast corner of said Lot 2;
Thence S0°10'29"W along said west right-of-way line of S. Broadway, 50.84 feet to the Point of
Beginning of Parcel C;
Thence continuing S0°10'29"W along said west line, 10.83 feet;
Thence through said Lot 2 along the following three courses:
  1) N90°00'00"W, 7.84 feet;
  2) N0°00'00"E, 10.83 feet;
3) N90°00′00″E, 7.88 feet to the Point of Beginning of Parcel C;

Said parcel, as described, contains an area of 85 square feet, more or less.

Said three parcels together contain an area of 978 square feet, more or less.

Basis of Bearings

The east line, SW 1/4, Section 10 bears S00°10′29″W per the Arapahoe County Horizontal Control Network. It is monumented at the center of Section 10 by a 3-1/4″ aluminum cap in monument box, 0.4′ below roadway surface, PLS 27278 and at the south ¼ corner, section 10 by a steel axle, 29″ long with concave top in monument box, 13″ below asphalt surface, PLS 22571.

Certification

Brian Krombein, PE, PLS
For and on behalf of
Vermilion Peak Engineering LLC
1745 Shea Center Drive, 4th Floor
Highlands Ranch, CO 80129

Page 2 of 3
LOT 1, BROADBELL SUBDIVISION
(5001 S. BROADWAY)

SE CORNER, LOT 1
POINT OF COMMENCEMENT
PARCEL A
N00° 02’ 59”W 125.73’
S03° 53’ 37”W 97.50’

POINT OF BEGINNING
PARCEL A

LOT 2, BROADBELL SUBDIVISION
(4989 S. BROADWAY)

N03° 34’ 39”E
35.82’

S80° 05’ 23”E
6.54’

N26° 25’ 21”W
11.19’

S89° 49’ 31”E
2.88’

N90° 00’ 00”W
7.84’

PARCEL C
N00° 10’ 29”W
10.83’

S90° 00’ 00”W
7.88’

NE CORNER, LOT 1
POINT OF BEGINNING
PARCEL B
S00° 10’ 29”W
39.50’

NE CORNER, LOT 2
POINT OF COMMENCEMENT
PARCEL C

SOUTH 1/4 CORNER, SECTION 10
STEEL AXLE, 29” LONG WITH
CONCAVE TOP IN MONUMENT BOX,
13” BELOW ASPHALT SURFACE,
PLS 22571

CENTERS, SECTION 10
3-1/4” ALUMINUM CAP
IN MONUMENT BOX,
0.4’ BELOW ROADWAY
SURFACE, PLS 27278

TRANSPORTATION EASEMENT
4989 & 5001 S. BROADWAY
JOB NO. 13104
DATE: AUGUST 15, 2014
SHEET 3 OF 3

S. BROADWAY

EAST LINE, SW 1/4, SECTION 10
BASIS OF BEARINGS S00° 10’ 29”W

EAST LINE, SE 1/4, SECTION 10
BASIS OF BEARINGS S00° 10’ 29”W

SCALE: 1” = 50’
MEMORANDUM

TO: City Council
THROUGH: Eric A. Keck, City Manager
THROUGH: Rick Kahm, Director of Public Works
FROM: Michael Hogan, Facilities and Operations Manager
DATE: January 27, 2015
SUBJECT: RECREATION CENTER HVAC REPLACEMENT

BACKGROUND AND ANALYSIS

The existing cooling tower at the Recreation Center is original to the building built in 1985 making the equipment 29 years old. The average life span of this type of equipment is 20 years. The cooling tower uses direct/indirect evaporative cooling systems to cool water. That water is pumped to cold water coils in the air handling equipment and is used to cool the air provided to the building. The unit is prone to leak, and the watertight enclosure has worn out. The unit currently operating at well below 50% efficiency of its designed specifications. With this expected equipment wear the system has significantly degraded in both efficiency and reliability. In the estimation of multiple engineers and the equipment manufacture the system is unreliable and could go down at any time.

Equipment

The bids were received from the three approved vendors Trane, Daikin, and York. The scope of the project was increased to include the Air to Air heat exchangers located in the main HVAC room and the pool HVAC room. These units are original and no longer work properly. With the cooling change it was discussed with the Engineers and management to add the exchangers to the scope of work to ensure the proper amount of fresh air is being brought into the building. This additional work would also tie the air to air exchangers into the Building Automation System (BAS) increasing the buildings energy efficiency by tying the operations to the building occupancy and not an off/on setting.
The main project is the Air Cooled Chiller which will replace the current cooling tower for AC operations.

The current cooling tower can only chill water down to around 60 degrees on an ideal day. Non optimal days the temperature of the water can rise as much as 10 degrees greatly decreasing the amount of cooling temperature available. The new chiller will produce 40 degree water regardless of the outside conditions allowing for a greatly decreased duct air temperature and normalized cooling.

<table>
<thead>
<tr>
<th></th>
<th>Daikin (Long)</th>
<th>York</th>
<th>Trane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Cooled Chiller</td>
<td>$163,771</td>
<td>$184,600</td>
<td>$156,334</td>
</tr>
<tr>
<td>Air to Air Heat Exchangers</td>
<td>$42,875</td>
<td>$N/A</td>
<td>$36,806</td>
</tr>
<tr>
<td>Excel Rebates (Estimate)</td>
<td>$26,739</td>
<td>$39,000</td>
<td>$36,300</td>
</tr>
<tr>
<td>Totals</td>
<td>$179,907</td>
<td>$N/A</td>
<td>$156,840</td>
</tr>
</tbody>
</table>

The Trane Company was selected as the vendor for the HVAC equipment. A purchase order has been created for the purchase of the equipment and will be presented at a future city council meeting for final approval pending full project approval.

**Installation**

The bids were received from the three vendors for the installation of the Air Cooled Chiller and the Air to Air Heat exchangers. The scope on this part of the project was expanded as well for the removal of the existing solar panels on the roof of the Recreation Center and the removal and installation of the Air to Air Exchangers. Secondly the install scope was expanded to include sealing the current water tower room and making it water tight to allow its use for recreation and building maintenance storage. The low bidder was Colorado Mechanical Systems. Their references have been called and they have a good reputation in the

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**City of Englewood Bid Tabulation Sheet**

**Bid Opening Date:** January 15, 2015 2:00 P.M. MST  
**ITEM BID:** ITB-14-024 Recreation Center HVAC Replacement Project

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Bid Bond Y/N</th>
<th>Receipt of Addendums 1 &amp; 2 Y/N</th>
<th>SOQ Y/N</th>
<th>Total Bid</th>
<th>Exceptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Mechanical Services, LLC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6810 S Tunco Way</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centennial, CO 80112</td>
<td></td>
<td></td>
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<tr>
<td>303-606-7330</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Ronald Timmons - VP</td>
<td></td>
<td>Y</td>
<td>Y</td>
<td>$724,850.00</td>
<td></td>
</tr>
<tr>
<td>Legacy Mechanical, Inc.</td>
<td></td>
<td></td>
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<tr>
<td>1406 S Pearl River Dr</td>
<td></td>
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<tr>
<td>Denver, CO 80223</td>
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<tr>
<td>720-898-3446</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Barry Westerman</td>
<td></td>
<td>Y</td>
<td>Y</td>
<td>$782,300.00</td>
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<tr>
<td>Colorado Mechanical Systems, Inc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1850 S Abilene St Unit 107</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Aurora, CO 80012</td>
<td></td>
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<td></td>
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<tr>
<td>720-555-9799</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nathan Lavernz</td>
<td></td>
<td>Y</td>
<td>Y</td>
<td>$594,800.00</td>
<td></td>
</tr>
</tbody>
</table>

**Apparent Low Bidder:**

**Total Bid:** $594,800.00

---
industry. They have been notified of the successful bid and are waiting to sign the contract based on council approval of the project moving forward.

**Financial Impact**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Project Estimate</td>
<td>$495,000</td>
</tr>
<tr>
<td>Equipment (Trane)</td>
<td>$193,140</td>
</tr>
<tr>
<td>Excel Rebates (Estimate)</td>
<td>$(36,300)</td>
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<tr>
<td>HVAC Installation</td>
<td>$594,800</td>
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<tr>
<td>Construction Contingency</td>
<td>$59,480 (10%)</td>
</tr>
<tr>
<td>Total Project Cost</td>
<td>$811,120</td>
</tr>
<tr>
<td>Total Additional Budget Needed</td>
<td>$316,120</td>
</tr>
<tr>
<td>Option 2 (Air to Air)</td>
<td>$100,036</td>
</tr>
<tr>
<td>Total Additional Budget Needed</td>
<td>$216,048</td>
</tr>
</tbody>
</table>

**Alternatives**

1. **Delay Project**  
   a. **Pros**  
      i. Put money aside this year and add additional money next year to complete the project  
      ii. With current funding and additional funding set for 2016 we can start the project in January 2016 and complete before summer.  
   b. **Cons**  
      i. Cannot guarantee that the current HVAC cooling tower will function all summer. Some money can be spent to provide immediate preventative repairs. (Estimate 10K)  
      ii. Cooling will be degraded due to the current status of the equipment and on days with higher humidity the building will be warmer than comfortable.  
      iii. Project will need to be rebid for 2016.  

2. **Remove Scope – Air to Air Heat Exchangers**  
   a. **Pros**  
      i. Project Savings  
         1. (36,806) Equipment (100,000) Install (Estimated)  
         2. $100,036 Total Savings  
      ii. Budget is saved on equipment and on installation getting the project closer to original estimates  
      iii. Allows for further study on the need for the exchangers as they relate to the new cooling system.  
   b. **Cons**  
      i. Air to Air Heat Exchangers will need to be replaced at a later date requiring additional funding and increased costs.  
      ii. Fresh air intake into the building will continue to be less than optimal.  

3. **Provide additional Funding**  
   a. **Pros**  
      i. Project proceeds as originally planned and does not have to be rebid the following year.  
      ii. Provides for adequate dependable cooling for the Recreation Center in 2015.  
   b. **Cons**  
      i. Additional funding must delay the roof replacement for the Recreation Center that is also scheduled for 2015.  
      ii. Uses additional unexpected funds that may be needed for other projects.  

**Staff will attend the February 2nd Study Session to discuss this project.**