

CITY COUNCIL MEETINGS RULES – PUBLIC DECORUM

Strict adherence to the following rules of decorum by the public will be observed and adhered to during City Council meetings, including open forum, public comment period on legislative items, and Council deliberations:

- 1. No Clapping!**
- 2. No Cheering!**
- 3. No Booing!**
- 4. No public outbursts!**
- 5. Three-minute time limit for comments made during open forum and public testimony on legislative items!**
- 6. No person shall be permitted to speak at open forum more often than once per month.**

In addition, please silence your cell phones when entering the Council Chambers!

Further, keep the following City Council Rules in mind:

Rule 2.2 Open Forum

- 2.2.4 The open forum is a limited public forum and all matters discussed shall relate to affairs of the City. No person may use the open forum to speak on such matters and in such a manner as to violate the laws governing the conduct of municipal affairs. No person shall be permitted to speak on matters related to the current or advance agendas, potential or pending hearing items, or ballot propositions for a pending election. Individuals speaking during the open forum shall address their comments to the Council President and shall not make personal comment or verbal insults about any individual.
- 2.2.6 In an effort to encourage wider participation in open forum so that the Council can hear a wide array of citizen comment, no person shall be permitted to speak at open forum more often than once per month. However, this limitation has no effect on the public comment rules concerning items on the Council's current legislative agenda, special consideration items, hearing items, and other items before the City Council requiring Council action that are not adjudicatory or administrative in nature, as specified in Rules 5.3 and 5.4.

Rule 5.4 Public Testimony Regarding Legislative Agenda Items – Time Limits

- 5.3.1 Members of the public may address the Council regarding items on the Council's legislative agenda, special consideration items, hearing items and other items before the City Council requiring Council action that are not adjudicatory or administrative in nature. This rule shall not limit the public's right to speak during the open forum.
- 5.3.2 No one may speak without first being recognized for that purpose by the Chair. Except for named parties to an adjudicative hearing, a person may be required to sign a sign-up sheet and provide his or her address as a condition of recognition. In order for a council member to be recognized by the Chair for the purpose of obtaining the floor, the council member shall either raise a hand or depress the call button on the dais until recognized by the Council President.
- 5.3.3 Each person speaking at the public microphone shall verbally identify him(her)self by name and, if appropriate, representative capacity.
- 5.3.4 Each speaker shall follow all written and verbal instructions so that verbal remarks are electronically recorded and documents submitted for the record are identified and marked by the Clerk.
- 5.3.5 In order that evidence and expressions of opinion be included in the record and that decorum befitting a deliberative process be maintained, no modes of expression not provided by these rules, including but not limited to demonstrations, banners, applause, profanity, vulgar language, or personal insults will be permitted.
- 5.3.6 A speaker asserting a statement of fact may be asked to document and identify the source of the factual datum being asserted.
- 5.3.7 When addressing the Council, members of the public shall direct all remarks to the Council President and shall confine remarks to the matters that are specifically before the Council at that time.
- 5.3.8 When any person, including members of the public, City staff and others are addressing the Council, council members shall observe the same decorum and process, as the rules require among the members inter se. That is, a council member shall not engage the person addressing the Council in colloquy, but shall speak only when granted the floor by the Council President. All persons and/or council members shall not interrupt one another. The duty of mutual respect set forth in Rule 1.2 and the rules governing debate set forth in *Robert's Rules of Order* shall extend to all speakers before the City Council. The council president pro-tem shall be charged with the task of assisting the council president to insure that all individuals desiring to speak, be they members of the public, staff or council members, shall be identified and provided the opportunity to speak.

THE CITY OF SPOKANE



ADVANCE COUNCIL AGENDA

MEETING OF MONDAY, OCTOBER 30, 2017

MISSION STATEMENT

TO DELIVER EFFICIENT AND EFFECTIVE SERVICES
THAT FACILITATE ECONOMIC OPPORTUNITY
AND ENHANCE QUALITY OF LIFE.

MAYOR DAVID A. CONDON

COUNCIL PRESIDENT BEN STUCKART

COUNCIL MEMBER BREEAN BEGGS

COUNCIL MEMBER LORI KINNEAR

COUNCIL MEMBER KAREN STRATTON

COUNCIL MEMBER MIKE FAGAN

COUNCIL MEMBER CANDACE MUMM

COUNCIL MEMBER AMBER WALDREF

CITY COUNCIL CHAMBERS
CITY HALL

808 W. SPOKANE FALLS BLVD.
SPOKANE, WA 99201

CITY COUNCIL BRIEFING SESSION

Council will adopt the Administrative Session Consent Agenda after they have had appropriate discussion. Items may be moved to the 6:00 p.m. Legislative Session for formal consideration by the Council at the request of any Council Member.

SPOKANE CITY COUNCIL BRIEFING SESSIONS (BEGINNING AT 3:30 P.M. EACH MONDAY) AND LEGISLATIVE SESSIONS (BEGINNING AT 6:00 P.M. EACH MONDAY) ARE BROADCAST LIVE ON CITY CABLE CHANNEL FIVE AND STREAMED LIVE ON THE CHANNEL FIVE WEBSITE. THE SESSIONS ARE REPLAYED ON CHANNEL FIVE ON THURSDAYS AT 6:00 P.M. AND FRIDAYS AT 10:00 A.M.

The Briefing Session is open to the public, but will be a workshop meeting. Discussion will be limited to Council Members and appropriate Staff and Counsel. There will be an opportunity for the expression of public views on any issue not relating to the Current or Advance Agendas during the Open Forum at the beginning and the conclusion of the Legislative Agenda.

ADDRESSING THE COUNCIL

- No one may speak without first being recognized for that purpose by the Chair. Except for named parties to an adjudicative hearing, a person may be required to sign a sign-up sheet as a condition of recognition.
- Each person speaking at the public microphone shall print his or her name and address on the sheet provided at the entrance and verbally identify him/herself by name, address and, if appropriate, representative capacity.
- If you are submitting letters or documents to the Council Members, please provide a minimum of ten copies via the City Clerk. The City Clerk is responsible for officially filing and distributing your submittal.
- In order that evidence and expressions of opinion be included in the record and that decorum befitting a deliberative process be maintained, modes of expression such as demonstration, banners, applause and the like will not be permitted.
- A speaker asserting a statement of fact may be asked to document and identify the source of the factual datum being asserted.

SPEAKING TIME LIMITS: Unless deemed otherwise by the Chair, each person addressing the Council shall be limited to a three-minute speaking time.

CITY COUNCIL AGENDA: The City Council Advance and Current Agendas may be obtained prior to Council Meetings from the Office of the City Clerk during regular business hours (8 a.m. - 5 p.m.). The Agenda may also be accessed on the City website at www.spokanecity.org. Agenda items are available for public review in the Office of the City Clerk during regular business hours.

AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION: The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. The Spokane City Council Chamber in the lower level of Spokane City Hall, 808 W. Spokane Falls Blvd., is wheelchair accessible and also is equipped with an infrared assistive listening system for persons with hearing loss. Headsets may be checked out (upon presentation of picture I.D.) at the City Cable 5 Production Booth located on the First Floor of the Municipal Building, directly above the Chase Gallery or through the meeting organizer. Individuals requesting reasonable accommodations or further information may call, write, or email Human Resources at 509.625.6383, 808 W. Spokane Falls Blvd, Spokane, WA, 99201; or msteinolfson@spokanecity.org. Persons who are deaf or hard of hearing may contact Human Resources through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.

If you have questions, please call the Agenda Hotline at 625-6350.

BRIEFING SESSION

(3:30 p.m.)

(Council Chambers Lower Level of City Hall)

(No Public Testimony Taken)

Council Reports

Staff Reports

Committee Reports

Advance Agenda Review

Current Agenda Review

ADMINISTRATIVE SESSION

Roll Call of Council

CONSENT AGENDA

REPORTS, CONTRACTS AND CLAIMS

RECOMMENDATION

- | | | |
|---|--------------------------------|------------------------------|
| 1. Spokane Airport Board 2018 Budget.
Dave Armstrong | Approve | FIN 2017-0002 |
| 2. Set hearing for November 13, 2017 for the Citywide Capital Improvement Program, 2018-2023.
Crystal Marchand | Set
Hearing for
11/13/17 | PRO 2017-0029 |
| 3. Purchase from Triangle Pump & Equipment, Inc. (Ridgefield, WA) of Thorpe Road Booster Station Vertical Turbine Pump, including inspection of installation and training—\$128,562.30.
Steve Burns | Approve | OPR 2017-0747
BID 4386-17 |
| 4. Value Blanket Renewals for the Waste to Energy Facility from January 1, 2018 through December 31, 2018 with: | Approve
All | |
| a. Atlas Copco (Arlington, WA) for compressor rentals during scheduled outages and on an as-needed basis—\$135,094.17 (incl. tax). | | OPR 2016-0819
BID 4066-14 |
| b. Brenntag Pacific, Inc., for purchase of Anhydrous Ammonia and Phosphoric Acid—\$579,150.00 (incl. tax). | | OPR 2016-0818
BID 4057-14 |

- c. Northstar Chemical of (Tualatin, OR) for the purchase of Hydrochloric Acid—\$41,142.07 (incl. tax).

OPR 2016-0820
BID 4059-14

David Paine

5. Value Blanket Renewals for the Waste to Energy Facility from December 2, 2017 through December 1, 2018 with: Approve
All

- a. Graymont Western US, Inc. (Salt Lake City, UT) for purchase of high calcium quicklime—\$1,400,647.68 (incl. tax).

OPR 2014-0871
BID 4064-14

- b. Cabot Norit Activated Carbon (Marshall, TX) for purchase of activated carbon—\$83,721.60 (incl. tax).

OPR 2015-0963
BID 4174-15

David Paine

6. Value Blanket Amendment with BHS Specialty Chemical Products (Nampa, ID) for purchase of additional Sodium Hydroxide 50% Membrane (Caustic Soda) through the remainder of 2017—\$20,000. Approve

OPR 2016-0060
BID 4058-14

David Paine

7. Contract Renewal with Big Sky Industrial (Spokane, WA) for vacuum support services at the Waste to Energy Facility from January 1, 2018 through December 31, 2018—\$150,000, plus a 10% administrative reserve of \$15,000, for a total of \$165,000 (excl. tax). Approve

OPR 2015-0096
RFP 4090-14

David Paine

8. Consultant Agreement Renewal with ABB, Inc., (Portland, OR) for software maintenance and technical support plus parts for the control systems at the Waste to Energy Facility from November 17, 2017 through November 17, 2018—\$125,177. 2017 Funds: \$27,600. 2018 Funds: \$97,577. Approve

OPR 2014-0936

David Paine

9. Contract Extension with Konecranes, Inc., (Spokane Valley, WA) for quarterly crane/hoist/trolley and lifeline preventative maintenance, inspections and service at the Waste to Energy Facility from January 1, 2018 through December 31, 2018—60,000. Approve

OPR 2015-0092
RFP 4075-14

David Paine

10. Interlocal Agreement with Spokane Transit Authority to fund the construction of the Greene & Ermina Traffic Signal project—\$150,000. Approve

OPR 2017-0106

Brandon Blankenagel

11. Contract Amendment with Bacon Concrete, Inc. (Spokane, WA) for Utility Cut Sidewalk and Curb Repairs—\$35,000. Total Contract Cost: \$115,000. Approve

OPR 2017-0380

Loren Searl

12. Contract Amendment No. 4 of the AIA A133-2009 Agreement as per the GC/CM Alternate Delivery Agreement establishes the final price for the CSO Basin 24 Control Facility scope—\$22,808,548.82 (excl. tax). An Admin reserve of \$1,140,427.44, which is 5% of the total contract cost, will be set aside. (Riverside Neighborhood)
Kyle Twohig Approve PRO 2016-0035
ENG 2010087
13. Accept grant from the Washington State Office of Public Defense (OPD Grant GRT18507) for use in Public Defense—\$175,000. Award period is January 1, 2018 through December 31, 2019.
Kathy Knox Approve OPR 2017-0748
14. Report of the Mayor of pending: Approve & Authorize Payments CPR 2017-0002
- a. Claims and payments of previously approved obligations, including those of Parks and Library, through _____, 2017, total \$_____, with Parks and Library claims approved by their respective boards. Warrants excluding Parks and Library total \$_____.
- b. Payroll claims of previously approved obligations through _____, 2017: \$_____. CPR 2017-0003
15. City Council Meeting Minutes: _____, 2017. Approve All CPR 2017-0013

EXECUTIVE SESSION

(Closed Session of Council)

(Executive Session may be held or reconvened during the 6:00 p.m. Legislative Session)

CITY COUNCIL SESSION

(May be held or reconvened following the 3:30 p.m. Administrative Session)

(Council Briefing Center)

This session may be held for the purpose of City Council meeting with Mayoral nominees to Boards and/or Commissions. The session is open to the public.

LEGISLATIVE SESSION

(6:00 P.M.)

(Council Reconvenes in Council Chamber)

WORDS OF INSPIRATION

PLEDGE OF ALLEGIANCE

ROLL CALL OF COUNCIL

ANNOUNCEMENTS

(Announcements regarding Changes to the City Council Agenda)

NO BOARDS AND COMMISSIONS APPOINTMENTS

ADMINISTRATIVE REPORT

COUNCIL COMMITTEE REPORTS

(Committee Reports for Finance, Neighborhoods, Public Safety, Public Works, and Planning/Community and Economic Development Committees and other Boards and Commissions)

OPEN FORUM

This is an opportunity for citizens to discuss items of interest not relating to the Current or Advance Agendas nor relating to political campaigns/items on upcoming election ballots. This Forum shall be for a period of time not to exceed thirty minutes. After all the matters on the Agenda have been acted on, unless it is 10:00 p.m. or later, the open forum shall continue for a period of time not to exceed thirty minutes. Each speaker will be limited to three minutes, unless otherwise deemed by the Chair. If you wish to speak at the forum, please sign up on the sign-up sheet located in the Chase Gallery.

Note: No person shall be permitted to speak at Open Forum more often than once per month (Council Rule 2.2.6).

LEGISLATIVE AGENDA

NO SPECIAL BUDGET ORDINANCES

NO EMERGENCY ORDINANCES

RESOLUTIONS

(Require Four Affirmative, Recorded Roll Call Votes)

- RES 2017-0089 Joint Resolution with Spokane County in the matter of authorizing the Airport Board to acquire Building 17 located on Spokane County Assessor Parcel 35122.0402, comprising of 14,440 square feet of hangar & office space located at Felts Field Airport.
Larry Krauter
- RES 2017-0090 Joint Resolution with Spokane County in the matter of authorizing the Airport Board to acquire property identified as Spokane County Assessor Parcel 14022.9002, comprising of 39.35 acres of land which is adjacent to Spokane International Airport property.
Larry Krauter
- RES 2017-0091 Setting a hearing before the City Council for November 20, 2017 regarding modification of the functions, activities and/or transportation programs and improvements of the Spokane Transportation Benefit District.
Council President Stuckart
- RES 2017-0092 Declaring the City of Spokane's intention to conduct a public hearing on November 20, 2017, concerning the assumption of the rights, powers, functions and obligations of the City of Spokane Transportation Benefit District by the City of Spokane.
Council President Stuckart

NO FINAL READING ORDINANCES

FIRST READING ORDINANCE

(No Public Testimony Will Be Taken)

- ORD C35558 Relating to public ways and property; amending SMC sections 12.02.010, 12.02.0210, 12.01.0804 and 8.02.068 of the Spokane Municipal Code.
Abigail Martin

NO SPECIAL CONSIDERATIONS

HEARINGS

(If there are items listed you wish to speak on, please sign your name on the sign-up sheets in the Chase Gallery.)

RECOMMENDATION

- | | | | |
|-----|---|------------------|---------------|
| H1. | Hearing on possible revenue sources for the 2018 Budget.
Crystal Marchand | Council Decision | FIN 2017-0001 |
|-----|---|------------------|---------------|

H2. Hearing on 2018 Proposed Budget.
Crystal Marchand

Hold Hrg. &
Cont. to
11/6/2017

FIN 2017-0001

Motion to Approve Advance Agenda for October 30, 2017
(per Council Rule 2.1.2)

OPEN FORUM (CONTINUED)

This is an opportunity for citizens to discuss items of interest not relating to the Current or Advance Agendas nor relating to political campaigns/items on upcoming election ballots. This Forum shall be for a period of time not to exceed thirty minutes. After all the matters on the Agenda have been acted on, unless it is 10:00 p.m. or later, the open forum shall continue for a period of time not to exceed thirty minutes. Each speaker will be limited to three minutes, unless otherwise deemed by the Chair. If you wish to speak at the forum, please sign up on the sign-up sheet located in the Chase Gallery.

Note: No person shall be permitted to speak at Open Forum more often than once per month (Council Rule 2.2.6).

ADJOURNMENT

The October 30, 2017, Regular Legislative Session of the City Council is adjourned to November 6, 2017.

NOTES



Agenda Sheet for City Council Meeting of:
10/30/2017

<u>Date Rec'd</u>	10/12/2017
<u>Clerk's File #</u>	FIN 2017-0002
<u>Renews #</u>	
<u>Cross Ref #</u>	
<u>Project #</u>	
<u>Bid #</u>	
<u>Requisition #</u>	

<u>Submitting Dept</u>	AIRPORTS
<u>Contact Name/Phone</u>	DAVE ARMSTRONG 455-6448
<u>Contact E-Mail</u>	DARMSTRONG@SPOKANEAIRPORTS.NET
<u>Agenda Item Type</u>	Report Item
<u>Agenda Item Name</u>	SPOKANE AIRPORT BOARD 2018 BUDGET

Agenda Wording

Spokane Airport Board 2018 Budget.

Summary (Background)

On October 19, 2017, the Spokane Airport Board approved the 2018 Budget for Spokane International Airport, the Airport Business Park and Felts Field. The budget does not require City or County financial support; however, approval is necessary to meet conditions of the Joint Interlocal Agreement. The 2018 operating budget is \$37,765,281 and the capital budget is \$49,317,790. The total 2018 budget is \$87,083,071.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	
Select \$		#
Select \$		#
Select \$		#
Select \$		#
<u>Approvals</u>	<u>Council Notifications</u>	
<u>Dept Head</u>	PFISTER, TERRI	<u>Study Session</u>
<u>Division Director</u>		<u>Other</u>
<u>Finance</u>	ORLOB, KIMBERLY	<u>Distribution List</u>
<u>Legal</u>	ODLE, MARI	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	
<u>Additional Approvals</u>		
<u>Purchasing</u>		

Spokane Airports 2018 Budget

Spokane International Airport / Airport Business Park/ Felts Field



Spokane International Airport
SpokaneAirports.net

✓ OUT OUR
NEW ROUTES
FOR 2017!

NONSTOP TO 16 DESTINATIONS ACROSS THE UNITED STATES



Alaska

American Airlines

DELTA

Southwest

UNITED AIRLINES





Spokane Airport Board

Spokane International Airport / Airport Business Park / Felts Field

2018 Budget Table of Contents

I.	Spokane Airport Board Members.	1
II.	Introduction Overview, Process, Summary	2
III.	Activity Passengers, Landed Weights, Operations.	6
IV.	Cost Centers, Allocations, Rate Making and CPE	8
V.	Terminal Rent Rate and Landing Fee	13
VI.	Operating Revenues and Expenditures	15
VII.	Capital Improvement Program	18
VIII.	Debt Service	19
IX.	Benchmark Table of Other Airports.	20
X.	Budget Summaries by Cost Center Spokane Airport Board Consolidated Summary. Spokane International Operations Summary Business Park Operations Summary Felts Field Operations Summary Capital Improvement Program	21 22 23 24 25 26
XI.	Selected Rates and Charges	27



Spokane International Airport
GEG – GENERATING ECONOMIC GROWTH

AIRPORT BUSINESS PARK



Spokane Airport Board

K. Collins Sprague (Chairman)

Nancy Vorhees (Vice Chair)

Jennifer West (Secretary)

Ezra Eckhardt

Al French

Max Kuney

Ben Stuckart

Lawrence J. Krauter, CEO

Brian Werst, General Counsel



Section II. Introduction

The SPOKANE AIRPORT BOARD (Board), operates Spokane International Airport (GEG), Felts Field (SFF) and the Airport Business Park (ABP), collectively referred to as the SPOKANE AIRPORTS (Airport), under and pursuant to the Constitution and Laws of the State of Washington, including Ch. 14.08 RCW, RCW 14.08.200 and that certain amended Spokane County/City Airport Agreement of the County and City dated August 28, 1990.

The agreement intends the expenses of operating Spokane International Airport, Felts Field and the Airport Business Park shall be paid, *to the maximum extent possible*, from the operating revenues of each area (emphasis added).

The Airport does not receive any funds from either the County or City of Spokane nor does it receive any local tax revenues. Operating funds come from user fees, tenant rents in varying forms along with airline landing fees. Capital funds come from loans, federal and state grants and agreements, facility charges through airlines and rental car agencies along with airport funds generated through operations.

The Airport employs approximately 150 full and part-time employees responsible for providing access to the global air service network by managing, developing, maintaining and promoting the Airport. Employees work diligently to provide quality facilities and services along with a high quality customer experience.

The 2018 budget provides funds to accomplish these goals while keeping the cost to airlines low in comparison to other airports, funding important capital projects that will improve airport safety and security, maintaining aging facilities while designing new facilities and improving customer service. Through these initiatives, the budget provides funds for activities that provide economic impact and stimulus by creating jobs in the local area.

AIRLINE OPERATING AGREEMENT (AOA)

This 2018 Budget is prepared based on the airline agreement with signatory airlines originally dated January 1, 2010. This agreement was extended, mutually by the Airport and the airlines through December 31, 2015. The Airport and airlines extended the agreement again, with minor modifications, for an additional three years to provide time to continue negotiating a modernized AOA. The agreement now expires on December 31, 2018.

The continuing agreement, on which the 2018 Budget is based, utilizes a residual rate setting method. This approach is common, but not universal, among US airport operators. A residual rate setting method effectively applies all operating revenues and expenses into the models that set rates charged to airlines. Other rate setting methods isolate revenues and expenses into cost centers and apply only the Airfield and Terminal Cost Centers into rate setting models.

The airline industry continues to rebound in profitability while carriers continually monitor capacity and segments throughout its network. Prior year reductions in capacity resulted in fewer daily scheduled flights with increased passenger loads. 2017 saw increases in scheduled flights at Spokane International Airport by American, Southwest and United Airlines. In developing the 2018 budget, the goal is to continue to position the Airport as an attractive location for adding new airline service while maintaining current destinations.

THE BUDGET PROCESS

The budget process began this year in July as the staff began by reviewing the expenditures of the first six months of the current fiscal year. A budget packet was distributed including a budget calendar and general directions for each department's budget submittal. The Airport utilizes a zero-based budget process in which each expenditure line item is evaluated on its own merit each year. Specific department budgets are then developed to identify resources necessary to meet the daily functions of operating the airports and implementing the necessary airport improvement projects.

The Airport Finance Department continues to work with a third party consultant to Airport's Rates and Charges structure and educate staff on department allocations in preparation for modernizing the AOA as the current extended agreement approaches expiration.

Departments submitted their budgets which were rolled into the Rates and Charges Model (see Section V) to calculate the upcoming year's Terminal Rental Rates and Landing Fees. Each department's initiatives are reviewed before the proposed draft is completed and submitted for review and comment by the Board.

The Capital Improvement Program is also refined to examine its effect on rates and charges. Future period major capital projects are added to the modeling as most of these projects and expenditures affect budget periods beyond the current period under examination.

The Airport Airline Affairs Committee (AAAC) convenes, at a minimum of one time to contribute input to the Airport's budget. The AAAC is comprised of Airport staff members along with representatives of the Signatory Airlines. The Airline members of the AAAC currently do not have any veto rights on the Airport's Budget, however they do provide input for consideration. The AAAC convened only once this year, on September 29, 2017, to discuss the AOA, upcoming significant Capital Projects and the 2017 Budget.

FINANCIAL SUMMARY

The table on the next page summarizes the 2018 Consolidated Spokane Airport Board Budget. Section X and various exhibits throughout this presentation will focus on the individual details of the summary shown.

**SPOKANE AIRPORT BOARD
2018 BUDGET SUMMARY**

<u>2018</u>	<u>Operating</u>	<u>Capital</u>	<u>Total</u>
GEG	\$34,509,213	\$42,594,790	\$77,104,003
ABP	1,550,796	540,000	2,090,796
Felts Field	<u>1,705,272</u>	<u>6,183,000</u>	<u>7,888,272</u>
2017 Consolidated	<u>\$37,765,281</u>	<u>\$49,317,790</u>	<u>\$87,083,071</u>
% Change	11.6%	27.8%	20.2%

<u>2017</u>			
GEG	\$31,152,352	\$35,540,000	\$66,692,352
ABP	1,598,086	225,000	1,823,086
Felts Field	<u>1,094,385</u>	<u>2,820,000</u>	<u>3,914,385</u>
2016 Consolidated	<u>\$33,844,824</u>	<u>\$38,585,000</u>	<u>\$72,429,824</u>

The Total Spokane Airport Board 2018 Budget presented for approval is \$87,083,071 representing a 20.2% increase from the 2017 Budget. This increase is due to an 11.6% increase in the Operating Budget and a 27.8% increase in the Capital Budget. The increase in the Operating Budget directly corresponds to a similar increase in the 2017 passenger activity. Fluctuations in the Capital Budget can occur due to the timing of Federal and Local funding streams and the timing of construction progress of individual projects.

Consolidated Operating Revenues are forecast to increase by 11.6% from the 2017 budget to \$37.8 million. SIA operating revenues are forecast to increase by 10.7% over 2017, corresponding to the increase in passenger activity in 2017. The increase in 2017 passenger activity is producing actual 2017 revenues 10% above 2017 budgeted levels. Included in the 2018 increase is a 5.7% increase in rental rates for terminal tenants, a 1.4% increase in the 2018 Landing Fees, continued increases in Parking and Ground Transportation and Terminal Concession revenues. The third year of refining cost tracking and allocations of indirect costs across direct cost centers (see Section IV) is showing positive results in obtaining the proper airline rate structure. The Parking / Ground Transportation / Landside cost center has shown marked increases in 2015, 2016, 2017 and appears on track to increase again in 2018. No rate increases are budgeted for the parking lots at the Airport. An increase in trip fees in Ground Transportation has been announced for the years 2018 – 2021 as efforts to modernize Ground Transportation rate structures continue. The rate for 2018 is \$1.25 per trip. The Ground Transportation staff works with taxis, shuttles, charter busses and Transportation Networking Companies (TNCs). Promotion of the Airport's parking products has shown considerable positive effect on revenues and will continue.

Consolidated Operating Expenses, including depreciation and debt service, are projected to increase 11.6% to \$37.8 million. Operating expenses, not including depreciation

and debt service, are projected to increase 11.5% over the 2017 budget to \$29.9 million. This increase directly corresponds with the 2017 and forecast 2018 increases in passenger traffic which are approaching 12%. The increased passenger activity causes increases in staffing, building and equipment maintenance, janitorial services and supplies, snow removal and pavement de-icing measures.

The 2018 **Capital Program** shows a 27.8% increase over 2017. The total planned capital expenditures in 2018 are an ambitious \$49.3 million.

Capital sources of funds are heavily dependent on the Federal Grant process through the Airport Improvement Program (AIP) and the Passenger Facility Charge (PFC) Application process. The majority of the 2018 projects scheduled are fully funded for the upcoming year through Grant applications, pre-collected PFCs and Customer Facility Charges (CFCs) on approved projects. Annual discussions in Washington, DC may have some impact on subsequent year budgets, but not the current budget cycle. The Airport also uses funds from general operations to the extent expenditures do not reduce the reserve amount below a prescribed level.

Capital expenditures are forecast to include runway 7/25 partial rehabilitation, terminal and airfield security projects, certain terminal rehabilitation projects which will enable future terminal projects, procurement of Snow Removal Equipment (SRE) and the conclusion of a baggage screening system upgrade at Spokane International. These projects are funded by Federal Airport Improvement Program (AIP) grants, Passenger Facility Charges (PFCs), and a Transportation Security Administration (TSA) agreement. The AIP grants contain a matching provision from the Airport's cash. Rehabilitation of certain rental car facilities are planned using CFCs. Identified non-aeronautical land improvements are planned to be funded by a state grant. Also planned are continuing site work for an airport gas station, parking lot and public roadway improvements, and replacement of aging equipment and vehicles to be funded with current year operating funds or those funds earmarked in prior years for projects that will be carried over to 2018.

CUSTOMER SERVICE INITIATIVES

As a service to the Airport's travelers, the past few years have seen significant construction and general maintenance in parking lots. Revenue control systems have been upgraded to provide secure transaction processing for travelers. Centralized Pay-by-Space stations replaced mechanical meters in hourly lots. Payment kiosks in the terminal, allowing parking lot customers to pay inside the terminal and clear the exit lanes quicker, were installed in the fourth quarter of 2017. Examination of other premium parking products are planned for 2018.

Recent modernization of the Airport's Ground Transportation resolution to re-organize how passengers access taxis, shuttles and TNCs such as Uber and Lyft reconfigured the access points to these transportation options and has shown considerable improvement for the general passenger traveler.

The Airport continues to provide access to TSA Pre-check in the enrollment center located near the Airport Police offices in the C-Concourse.



Section III. Airline Activity Forecast

PASSENGER TRAFFIC

The Airport has seen enplanement and total passenger increases each year since 2013. Should the forecasts hold for 2018, it will be the highest year in the history of SIA. 2016 showed an increase of 2.9% 2015 (after a mid-year forecast of +2.3%). The forecast for the purposes of the 2017 budget was an increase of 1.0% over 2016. In actual 2017 performance, it is estimated 2017 enplaned passengers will increase by 10.2% over 2016. For the 2018 budget, it is estimated passengers will increase by another 2% over the estimated 2017 level.

The following table shows actual passenger activity by airline for 2016 along with estimates for the years ending 2017 and 2018. which are incorporated into the 2018 Budget. The table also shows the current breakdown of passengers traveling out of the two terminals, and reflects American Airlines (formerly US Airways) moving to the C-Terminal in January of 2016 in an attempt to balance peak passenger flow across the two terminals.

Traffic Activity

Spokane International Airport

(for the 12 months ending December 31; numbers in 000's)

	Actual 2016	Estimated 2017	Budget 2018
Enplaned Passengers			
Alaska	675	665	678
Allegiant (non-sig)	1	1	1
Delta	386	408	416
Frontier (non-sig)	-	-	-
Southwest	381	418	426
American	59	87	88
United	107	198	202
Others	2	1	1
Total	1,612	1,777	1,813
Enplaned Passengers	1,612	1,777	1,813
% Change	2.9%	10.2%	2.0%
By Terminal			
Terminal C	734	752	767
Terminal A&B	878	1,025	1,046
Total	1,612	1,777	1,813

Note: Enplaned passengers include connecting and non-revenue passengers.

AIRCRAFT LANDED WEIGHT FORECAST

The Airport collects landing fees from landing air carriers based on an aircraft's Maximum Gross Landed Weight (MGLW). The costs of operating the airfield are recovered through the Landing Fee Rate multiplied by the MGLW of each aircraft. The accuracy of the landed weight forecast of each air and cargo carrier has an impact on the Landing Fee Rate. Section IV, which discusses Cost Centers, Allocations and Rate Making will examine the methodology of rate making under a Residual Airline Agreement such as the agreement at GEG. Simply stated, the higher the landed weight forecast, the lower the budgeted unit cost rate for the upcoming year.

The following table shows actual passenger and cargo landed weight along with forecast incorporated into the 2018 Budget.

Traffic Activity

Spokane International Airport

(for the 12 months ending December 31; numbers in 000's)

	Actual 2016	Estimated 2017	Budget 2018
Landed Weight			
Passenger Airlines			
Alaska	697	683	696
Allegiant (non-sig)	3	1	1
Delta	459	471	481
Frontier (non-sig)	-	-	-
Southwest	407	435	444
American	71	85	86
United	106	138	141
Others	-	-	-
Cargo			
Signatory (FedEx, UPS)	438	410	416
Non-signatory	59	62	63
Total	2,239	2,284	2,327
% Change	3.1%	2.0%	1.9%
Landed Weight			
Signatory			
Passenger	1,739	1,812	1,848
Cargo	438	410	416
	2,177	2,222	2,264
Nonsignatory			
Passenger	3	1	1
Cargo	59	62	63
	62	62	63
Total	2,239	2,284	2,327
% Change	3.1%	2.0%	1.9%



Section IV. Cost Centers, Allocations, Rate Making and CPE

COST CENTERS

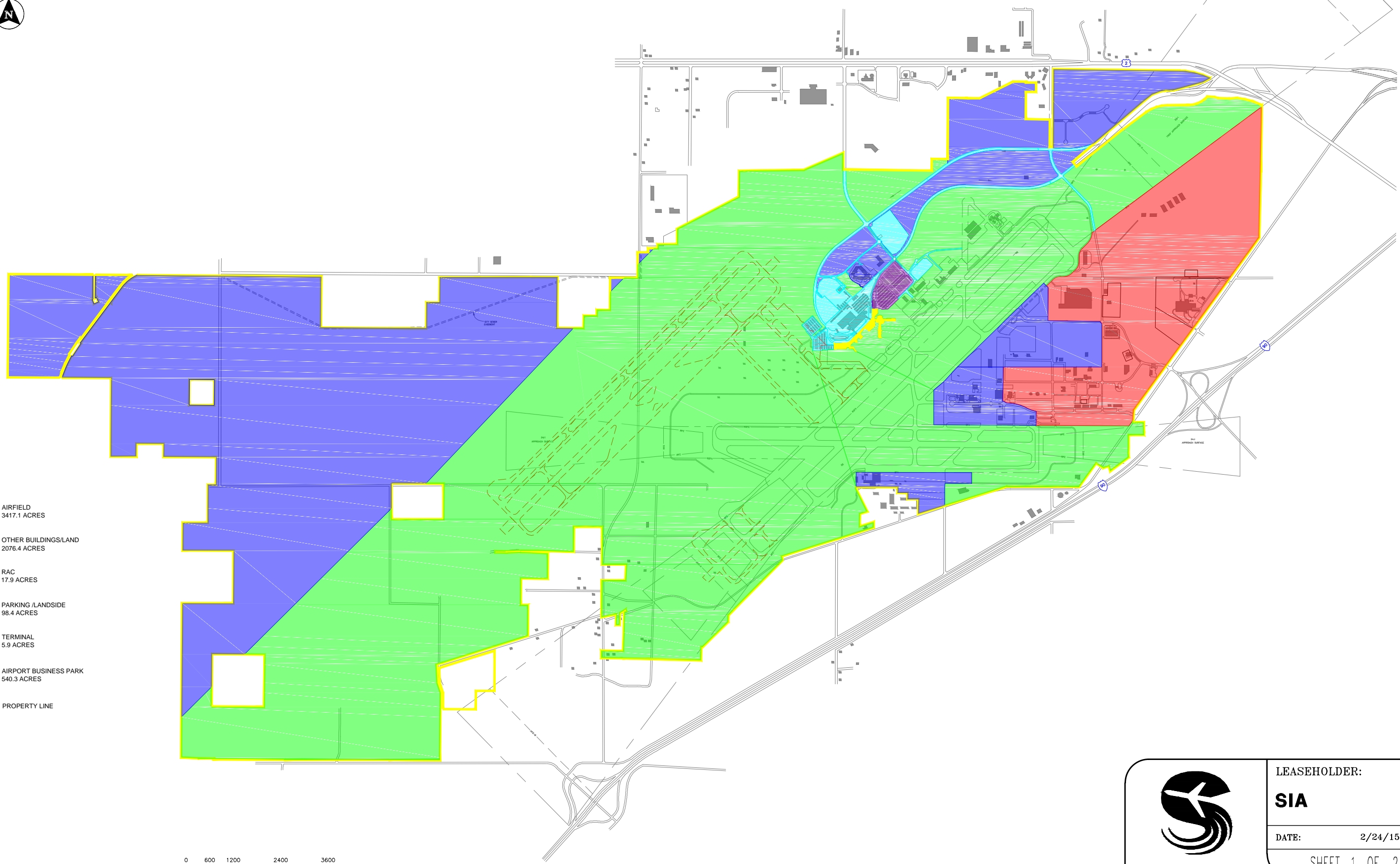
The Airport is currently organized with seven direct cost centers with a goal to continue to refine the cost centers and allocations to them during the next year under an extension of the current Residual Based AOA. The direct cost centers are Airfield (includes Operations and the Fuel Facility), Parking and Ground Transportation, Other Buildings and Grounds, GEG Terminal, Rental Car Facilities, the ABP and Felts Field. There are five indirect cost centers in Planning and Engineering, Airport Rescue and Fire Fighting (ARFF), Information Technology, Police / Dispatch and Airport Administration.

ALLOCATIONS








To develop rates, the expenses for four of the indirect costs centers, excluding administration, are allocated to the direct costs centers based on an analysis of the staff hours dedicated to a center along with the budgeted costs within each indirect cost center. After those indirect costs are allocated to the direct cost centers, administration is allocated based on the total actual direct and indirect costs for each direct cost center. The allocation percentages for 2017 and 2018 are shown below. These allocation rates are reviewed annually and potentially revised at the end of each review period to reflect actual operations and maintenance for all of the facilities.

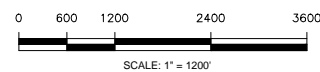
Indirect Allocation Percentages Spokane Airport Board

	Airfield	Fuel	Terminal	Landside	OB & G	ABP	Felts
Indirect Allocations							
Airfield Maintenance	65.0%			20.0%	10.0%		5.0%
Terminal Maintenance	0.0%		80.0%	20.0%			
Operations	90.0%		2.5%	2.5%			5.0%
Fuel	100.0%						
Engineering	40.0%	1.0%	40.0%	10.0%	1.0%	1.0%	7.0%
IT	25.0%		25.0%	25.0%	18.0%	2.0%	5.0%
ARFF/Fire	73.3%	3.2%	15.9%	0.9%	4.6%	2.1%	
Police	1.0%		80.0%	15.0%	1.5%	2.5%	
Communications	1.0%		80.0%	15.0%	1.5%	2.5%	
Airport Business Park						100.0%	
Felts Field							100.0%



LEGEND:

-  AIRFIELD
3417.1 ACRES
-  OTHER BUILDINGS/LAND
2076.4 ACRES
-  RAC
17.9 ACRES
-  PARKING /LANDSIDE
98.4 ACRES
-  TERMINAL
5.9 ACRES
-  AIRPORT BUSINESS PARK
540.3 ACRES
-  PROPERTY LINE



LEASEHOLDER:

SIA

DATE: 2/24/15

SHEET 1 OF 2

9000 West Airport Dr., Ste. 204
Spokane, WA 99224
9

J:\120125\Acaddwg\Sheets\Exhibits (2014)\C14-064 Cost Maps\120125-C14-064_SIA.dwg, 2/24/2015 10:46:34 AM, Kusler, Keith, None



LEASEHOLDER:

SIA

DATE: 2/24/15

SHEET 2 OF 2

9000 West Airport Dr., Ste. 204
Spokane, WA 99224

RATE MAKING

The Airport operates under an existing AOA with a residual ratemaking methodology where generally, with some exceptions, all revenues are shared with the signatory air carriers. Under the current AOA there is no specified methodology for each rate making calculation, however there are federal guidelines for establishing rates. Currently the signatory airlines participate, in a consultation role, in the budget and rate setting process.

Terminal Rental Rate Calculation

The existing AOA does not prescribe a methodology for calculating terminal build rentals, fees, and charges. However, exhibits provided annually to the air carriers with updated rates prescribes the fees and charges and the relative weighting of such charges. The Airport uses a cost center residual methodology to calculate a cost recovery terminal building rental rate.

The Terminal Building Cost includes allocable M&O Expenses, debt service (net of allocable PFC revenues), debt service coverage, depreciation charges (net of bond-funded projects, grants, and PFC revenues), and M&O Reserve deposit requirements. The resulting Terminal Building Cost is reduced by Terminal Concession Revenues, Non-airline Terminal Rentals, a percentage of the estimated surplus revenue generated from the Parking/Landside cost center (with the remainder flowing into the airport residual landing fee rate), Other Terminal Payments, a TSA Reimbursement, and Loading Bridge Fees to yield the Net Terminal Building Requirement.

The Net Terminal Building Requirement is divided by Rented Space weighted by the new proposed weight classifications to derive the Terminal Building Rental Rate per square foot per year. The current year terminal rental rate for Class 1 space (generally public areas) is \$53.71 per square foot per annum (sfpa), an increase from \$50.82 sfpa in 2017.

Landing Fee Calculation

The methodology for calculating the landing fee rate is based on an airport residual approach where the total cost of SIA is credited with airline terminals rentals, other airline fees and charges, non-signatory airline landing fees, and non-airline revenues to yield the landing fee revenue requirement. The landing fee requirement is then divided by signatory airline landed weight to derive the landing fee rate per 1,000 pound unit.

More specifically, the methodology consists of the following steps:

1. The SIA rate base includes M&O Expenses, debt service, debt service coverage, depreciation charges (net of grants and PFC revenues), and the M&O Expense Reserve deposit requirement. The rate base also includes an amount to provide sufficient funding for the Airport's share of funding the CIP.
2. The Airfield Requirement is then reduced by airline revenues other than landing fees and nonairline revenues, and the prior year carry forward surplus (deficit) to yield the Landing Fee Requirement.
3. The Landing Fee Requirement is divided by Total Landed Weight of passenger and cargo carriers (as weighted for premiums) to derive the Signatory Airline Landing Fee Rate per 1,000-pound unit.

The 2018 forecast landing fee rate is \$2.10 / 1,000 pounds, up from \$2.07 in 2017. The calculation of the Landing Fee Rate is displayed in Section V.

COST PER ENPLANEMENT (CPE)

The calculations of the Terminal Rent Rate and the Landing Fee result in charges to the air carriers. Those charges contribute to both Terminal and Airfield Revenue. One measure of the cost to operate at an airport by an airline is the Cost Per Enplanement (CPE) calculation. The average CPE represents the net cost incurred by the commercial airlines based on their regular operations at the Airport. The table below shows the CPE for 2016 and the forecast for 2017 and 2018. The 2018 forecast CPE is \$5.13. In the 2017 budget, the ending CPE for 2016 was estimated at \$6.15 and the table below shows the actual amount being \$5.56 per passenger. Similarly, the estimated 2017 CPE was \$6.13 while this year's 2017 estimate is revised down to \$5.01 per passenger. Section IX, shows comparisons of the Airport's CPE, and other metrics, with other airports of similar size and destination airports.

Also shown below is the forecast CPE of each individual air carrier. The fluctuation between air carriers is related to both their incurred costs and their passenger activity.

Airline Cost per Enplaned Passenger

Spokane International Airport

(for the 12 months ending December 31; numbers in 000's except rates)

	Actual 2016	Estimated 2017	Budget 2018
Passenger Airline Payments			
Passenger Airline Signatory Landing Fees	\$ 3,443	\$ 3,747	\$ 3,885
Terminal Building Rent	5,187	4,821	5,082
Loading Bridge Fees	152	175	180
RON and Airfield Fees	179	152	156
Subtotal	\$ 8,962	\$ 8,895	\$ 9,303
Nonsignatory Passenger Landing Fees	7	1	1
Total Airline Revenues	\$ 8,969	\$ 8,896	\$ 9,304
Enplaned Passengers	1,612	1,777	1,813
Airline Cost per Enplaned Passenger	\$ 5.56	\$ 5.01	\$ 5.13

Airline Cost per Enplaned Passenger by Airline

Spokane International Airport

(for the 12 months ending December 31)

	Actual 2016	Estimated 2017	Budget 2018
Cost per Enplaned Passenger			
Alaska	\$ 5.18	\$ 4.85	\$ 4.97
Delta	4.99	4.77	4.88
Southwest	4.93	4.63	4.75
American	10.40	7.63	7.85
United	8.88	5.34	5.49
Average	\$ 5.56	\$ 5.01	\$ 5.13



Section V. Terminal Rent Rate and Landing Fee Calculations

The tables below show the actual calculation of the average terminal rent rate and the airfield landing fee as described in Section IV Rate Making.

Calculation of Terminal Building Rental Rate

Spokane International Airport

(for the 12 months ending December 31; numbers in 000's except rates)

	Budget 2018
TERMINAL BUILDING COST	
M&O Expenses	\$ 8,866
M&O Reserve Fund Requirement	257
Debt Service	-
Debt Service Coverage	-
Net Depreciation Charges	947
Terminal Building Cost	\$ 10,071
Less: Terminal Non-Airline Revenues Associated With Rented Space	
Terminal Concession Revenues	\$ (1,727)
Nonairline Terminal Rentals	(685)
Share of Parking Surplus @ 15% (2016) 25% (2017)	(2,195)
Other Terminal Payments	(720)
TSA Security Reimbursement	276
Loading Bridge Fees	(180)
Net Terminal Building Cost	\$ 4,841
Calculated Average Terminal Rental Rate (per sq ft per year)	\$ 53.71

RESULTING AIRLINE RENTAL RATES

Exclusive Use	Class	2017	2018
Counter & Queuing	1	50.82	53.71
Ticket Offices	1	50.82	53.71
Operation Gate Space	1	50.82	53.71
Holdroom	1	50.82	53.71
Operations Office	2	38.11	40.28
Baggage Office	2	38.11	40.28
Lower Level Offices	2	38.11	40.28
Maintenance/Cabinets	2	38.11	40.28
Exclusive Bag Space	2	38.11	40.28
Common Use			
Baggage Claim	1	50.82	53.71
Baggage Screening	2	38.11	40.28
Baggage Make-Up	2	38.11	40.28

Calculation of Landing Fee Spokane International Airport

(for the 12 months ending December 31; numbers in 000's except rates)

	Budget 2017	Estimated 2017	Budget 2018
Landing Fee Requirements			
M&O Expenses	\$ 24,146	\$ 25,383	\$26,675
Net Depreciation			
Total SIA Depreciation - Existing Assets	17,462	19,480	18,200
Less Grant, PFC and Bond Funded Assets	(12,756)	(14,022)	(13,252)
Future SAB Funded Assets (Net of AIP/PFC)	1,041	-	438
Additional Discretionary Cash Flow (if Extension)	500	500	500
Debt Service			
Debt Service - Outstanding GARBs	-	-	-
Debt Service - Future GARBs	-	-	-
Debt Service - Outstanding Subordinate Lien	468	468	468
Required Debt Service Coverage	140	140	140
M&O Reserve Fund	609	1,259	775
Subtotal	\$ 31,610	\$ 33,208	\$33,943
Less:			
Airline Terminal Building Rent	(5,997)	(4,821)	(5,082)
Other Airline Revenues	(1,012)	(987)	(996)
Total Nonairline Revenues	(19,490)	(21,597)	(22,460)
Subtotal	\$ 5,111	\$ 5,802	\$ 5,404
LESS NON-OPERATING REVENUES AVAILABLE FOR DEBT SERVICE			
Interest Income	\$ (209)	\$ (280)	\$ (280)
TSA Security Reimbursement	(288)	(288)	(276)
Recoverable Air Service Expenses	(50)	(50)	(50)
Transaction Fees ("CFC") Allocable to Debt Service/Cover:	-	-	-
TOTAL LANDING FEE REQUIREMENT	\$ 4,564	\$ 5,185	\$ 4,798
Plus Unfunded Pension Liability*			
Prior Year Carry Over (Surplus)/Deficit	245	(5)	204
Net Landing Fee Requirement	\$ 4,809	\$ 5,180	\$ 5,002
Signatory Landed Weight (millions/lbs)	1,752	1,812	1,848
Signatory Cargo Landed Weight (adjusted for premium)	480	430	437
Non-Signatory Use Agmt Landed Weight (adjusted)	4	1	1
Itinerant Landed Weight (adjusted)	89	93	94
Adjusted Total Landed Weight	2,325	2,335	2,380
Signatory Airline Landing Fee Rated (per 1000 lbs)	\$ 2.07	\$ 2.22	\$ 2.10
Charged Signatory Airline Landing Fee Rate	2.07	2.07	
Charged Signatory Cargo Airline Landing Fee Rate	2.17	2.17	2.21
Non-Signatory Use Agmt Landing Fee Rate	2.38	2.38	2.42
Itinerant Landing Fee Rate	3.10	3.10	3.15



Section VI. Operating Revenues and Expenditures

OPERATING REVENUES

Operating revenues are revenues generated through the daily operations of the Airport. The cost centers outlined earlier, Airfield (including Fuel Facility), Parking and Ground Transportation, Other Buildings and Grounds, GEG Terminal, Rental Car Facilities, the ABP and Felts Field are broken down here into smaller components for analysis. Other revenue sources are typically Non-operating and are generated from facility charges and interest income.

The following table and the chart on the next page shows the main revenue sources for 2017 and 2018.

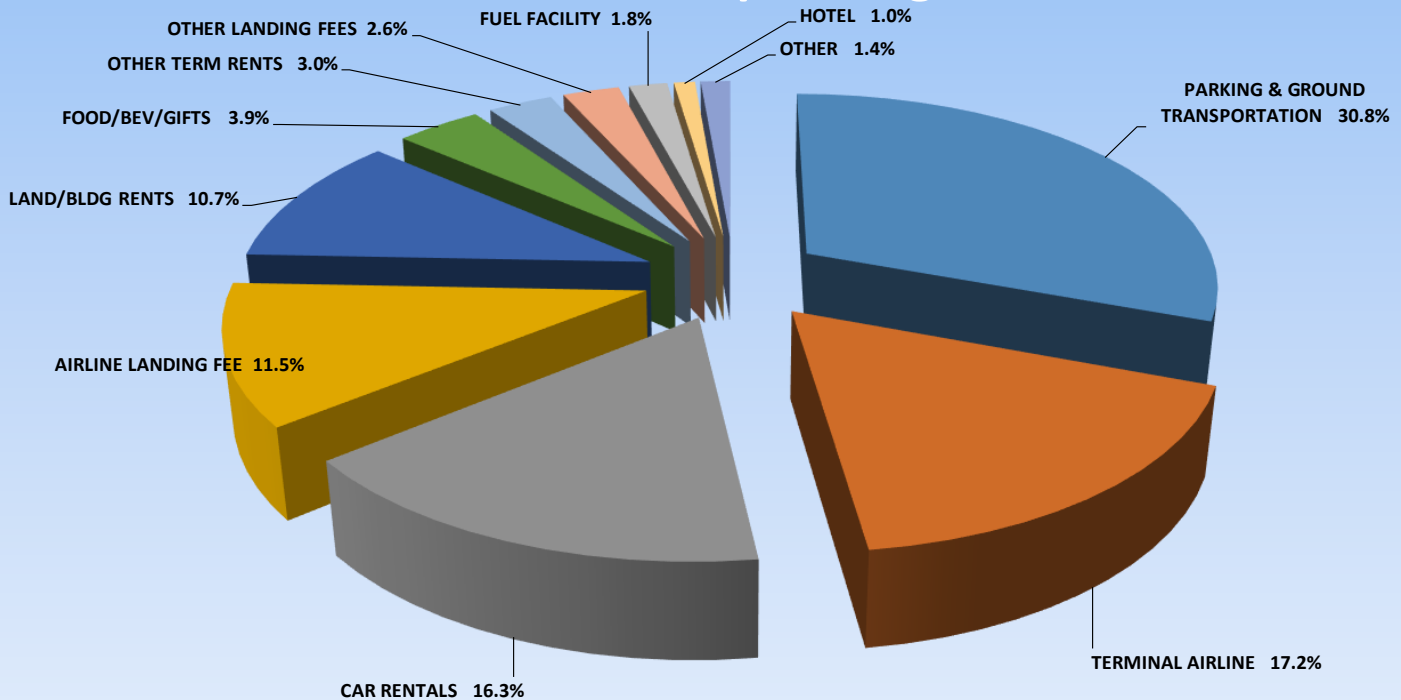
Highlights:

- **Parking and Ground Transportation** is showing increased revenue over 2017 based on the airline activity forecasts showing increases in passengers. Current year revenues are ahead of budget and expect to remain there.
- **Airline Terminal Rents and Landing Fees** show anticipated increases due to the scheduled increase in terminal rent rates along with the increase in aircraft traffic due to new routes established in 2017.
- **Car Rental** activity is dependent upon a new concession agreement signed October 1, 2017 along with the increase in passenger activity.

Sources of Operating Revenue									
<i>This table shows general categories of revenues as a percentage of total operating revenues</i>									
<u>Rank</u>	<u>Description</u>	Year End							
		<u>Budgeted</u>	<u>FY 2017 % of</u>	<u>Estimate</u>	<u>FY 2017 % of</u>	<u>Budgeted</u>	<u>FY 2018 % of</u>	<u>\$ Change</u>	<u>% Change</u>
		<u>2017</u>	<u>Total Rev</u>	<u>2017</u>	<u>Total Rev</u>	<u>2018</u>	<u>Total Rev</u>		
1	Parking / Landside / GTC	10,211,500	30.7%	11,234,928	31.5%	11,312,000	30.7%	1,100,500	10.8%
2	Terminal Rent (airline)	6,148,403	18.5%	6,172,489	17.3%	6,357,119	17.2%	208,716	3.4%
3	Car Rentals	5,141,229	15.5%	5,444,410	15.3%	5,994,615	16.3%	853,386	16.6%
4	Airline Landing Fees	3,827,740	11.5%	4,066,250	11.4%	4,234,058	11.5%	406,318	10.6%
5	Commercial Land/Bldg Rents	3,614,015	10.9%	3,907,984	11.0%	3,942,034	10.7%	328,019	9.1%
6	Food/Bevs/Gifts	1,195,420	3.6%	1,281,920	3.6%	1,450,100	3.9%	254,680	21.3%
7	Terminal Rent (other)	639,125	1.9%	1,040,110	2.9%	1,104,500	3.0%	465,375	72.8%
8	Landing Fees (other)	1,144,860	3.4%	938,231	2.6%	966,565	2.6%	(178,295)	-15.6%
9	Fuel Facility	710,921	2.1%	660,000	1.9%	655,000	1.8%	(55,921)	-7.9%
10	Hotel	256,035	0.8%	352,207	1.0%	362,773	1.0%	106,738	41.7%
	Other Revenue	<u>323,979</u>	<u>1.0%</u>	<u>544,597</u>	<u>1.5%</u>	<u>503,085</u>	<u>1.4%</u>	<u>179,106</u>	<u>55.3%</u>
	Total Operating Revenues	<u>\$ 33,213,227</u>	<u>100.0%</u>	<u>\$ 35,643,126</u>	<u>100.0%</u>	<u>\$ 36,881,849</u>	<u>100.0%</u>	<u>\$ 3,668,622</u>	<u>11.0%</u>

Notes: Estimated combined revenue derived from Air Carriers for both 2017 and 2018 = 28.7%; reclassifications have been made to prior year to conform with 2018 presentation

2018 Sources of Operating Revenue



Note: Estimated combined revenue derived from Air Carriers for both 2017 and 2018 = 28.7%

OPERATING EXPENSES

Operating expenses are generated through the daily operations of the Airport. Operating expenses are tracked in the direct and indirect cost centers described earlier. Along with the direct cost centers tracking revenue, there are five indirect cost centers in Planning and Engineering, Airport Rescue and Fire Fighting (ARFF), Information Technology, Police and Dispatch along with Airport Administration. The table and chart following this breaks down expenses into smaller components for analysis.

Highlights:

- Personnel Compensation and Benefits** is the largest area of expense totalling 34.3% of operating expenses. 2018 shows an increase of 7.2% over the prior year and is related to increases in benefits mandated by the state retirement system, staffing level increases and modest increases in wages and medical benefits.
- Facilities and Grounds maintenance** is the second largest expense at a combined 32.1% of operating expenses. The Airport is an older facility (although significant rehabilitation has been accomplished in improvements with more to follow) and demands attention. Grounds maintenance includes snow removal and pavement de-icing efforts along with landscaping.

Operating Expenditures by Rank

This table shows general categories of expenses as a percentage of total operating expenses

Rank	Description	Budgeted	FY 2017 % of	Year End	FY 2017 % of	Budgeted	FY 2018 % of	\$ Change	% Change
		2017	Total Exp	Estimate	Total Exp	2018	Total Exp		
1	Personnel (Incl taxes / benefits)	11,594,346	34.6%	11,279,820	33.9%	12,428,336	34.3%	833,990	7.2%
2	Facilities, Hangars, Bldgs, Depreciation	8,434,466	25.2%	7,671,504	23.0%	8,378,191	23.1%	(56,275)	-0.7%
3	Grounds Maintenance / Snow Control	3,046,750	9.1%	3,310,474	9.9%	3,249,950	9.0%	203,200	6.7%
4	Research / Planning / Engineering	1,277,149	3.8%	1,854,100	5.6%	2,076,500	5.7%	799,351	62.6%
5	Utilities (Power/Nat. Gas/Water/Sewer)	1,789,681	5.3%	1,793,131	5.4%	1,936,290	5.3%	146,609	8.2%
6	Equipment Maintenance	1,535,375	4.6%	1,644,076	4.9%	1,791,730	4.9%	256,355	16.7%
7	Custodial Services & Supplies	1,472,300	4.4%	1,501,676	4.5%	1,722,600	4.8%	250,300	17.0%
8	Other Supplies	710,500	2.1%	706,231	2.1%	700,200	1.9%	(10,300)	-1.4%
9	Contract Labor	627,000	1.9%	569,055	1.7%	625,000	1.7%	(2,000)	-0.3%
10	Employee Education / Travel	465,800	1.4%	419,122	1.3%	595,340	1.6%	129,540	27.8%
	Other Operating Expenses	<u>2,534,277</u>	<u>7.6%</u>	<u>2,540,620</u>	<u>7.6%</u>	<u>2,747,257</u>	<u>7.6%</u>	<u>212,980</u>	<u>8.4%</u>
	Total Operating Expenses	<u>\$ 33,487,644</u>	<u>100.0%</u>	<u>\$ 33,289,809</u>	<u>100.0%</u>	<u>\$ 36,251,394</u>	<u>100.0%</u>	<u>\$ 2,763,750</u>	<u>8.3%</u>

Note: Minor reclassifications have been made to prior years to conform with 2018 presentation and some totals or % may not add exactly due to rounding

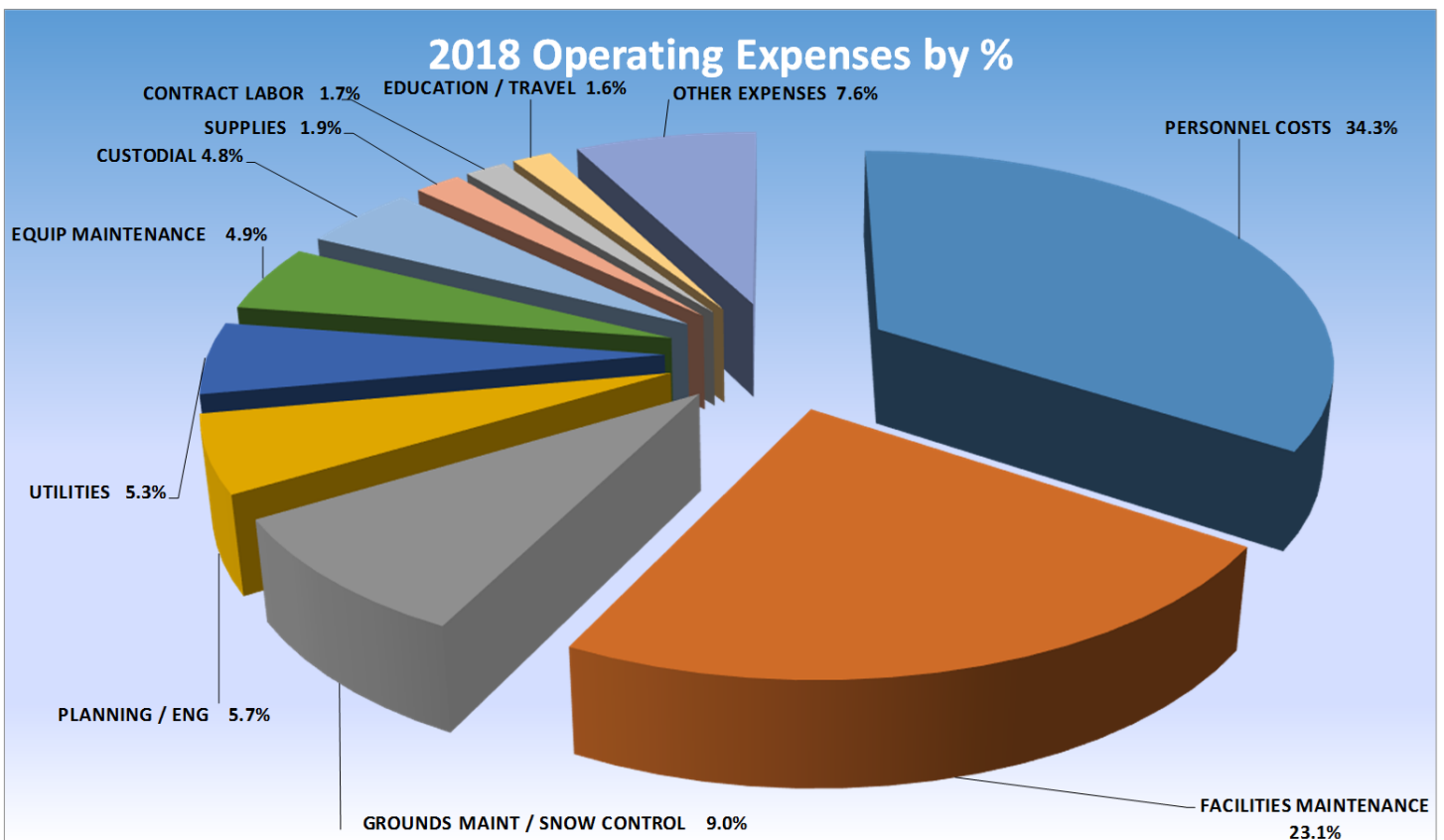


Chart shows operating expenses in 2018 as a percentage of total operating expenses



Section VII. Capital Improvement Program

The Capital Improvement Program (CIP) is developed annually and updated throughout each year. The purpose of the CIP process is to evaluate, prioritize, and coordinate proposed projects for, ideally, a five-year period. Projects that may require FAA funding in the future are updated with the FAA annually. The projects developed through the planning process may not only require the use of Federal funding through the FAA and the TSA, but also State grants, PFCs, CFCs and cash generated by operation of the Airport.

The primary goal of the CIP is the development of a detailed capital budget for the current fiscal year and a plan for capital development during the next three to four years. By updating and approving the CIP, a strategy and schedule is set for budgeting and constructing facilities at SIA, ABP, and Felts Field.

The table below shows a summary of projects by department for 2017-2018.

2017 - 2018 CAPITAL IMPROVEMENT PROGRAM

SPOKANE INTERNATIONAL AIRPORT	<u>Projected 2017</u>	<u>2017 Budget</u>
Landside / Parking / Ground Transportation	\$1,820,000	\$3,812,000
Airfield / Ops / Fuel	7,273,000	13,725,000
Other Buildings & Grounds	590,000	8,325,000
Terminal	2,252,700	7,110,590
ARFF	-	-
I.T.	450,000	6,762,200
Police / Security	4,750,000	2,360,000
Admin	-	500,000
Sub-Total	\$17,135,700	\$42,594,790
AIRPORT BUSINESS PARK	<u>\$298,000</u>	<u>\$540,000</u>
FELTS FIELD		
Airfield	1,166,000	80,000
Other Buildings / Grounds	1,077,000	6,103,000
Terminal	125,000	-
Sub-Total	<u>\$2,368,000</u>	<u>\$6,183,000</u>
TOTAL CAPITAL IMPROVEMENTS	<u>\$19,801,700</u>	<u>\$49,317,790</u>



Section VIII. Debt Service

The Airport has covenants to maintain a bond debt service coverage ratio of not less than 1.3, which it has successfully maintained. The Airport currently maintains A+ Standard & Poor's, A+ Fitch, and A-2 Moody's ratings. The calculation from 2016, and forecasts for 2017 and 2018, based on information contained in this presentation, is shown below. The Airport defeased a 2008 bond and redeemed a 2005 bond in 2017 leaving only four Washington State Community Economic Revitalization Board (CERB) loans as long term debt. These loans carry interest rates ranging from 0% - 1% and were utilized to complete projects housing tenants providing services for the aeronautical clients of the Airport.

Debt Service Coverage - Existing Residual Spokane International Airport

(for the 12 months ending December 31; numbers in 000's except rates)

	Actual 2016	Estimated 2017	Budget 2018
Debt Service Coverage			
Revenues	\$ 34,445	\$ 36,488	\$ 37,904
Less: M&O Expenses	(23,565)	(26,375)	(27,623)
Net Revenues	\$ 10,880	\$ 10,112	\$ 10,281
 Senior Lien Debt Service	\$ 2,226	\$ -	\$ -
Subordinate Lien Debt Service	468	468	468
Total Debt Service	\$ 2,694	\$ 468	\$ 468
 Debt Service Coverage - Senior Bonds	4.89	N/A	N/A
Debt Service Coverage - Senior & Sub	4.04	21.63	21.99
Debt Service Coverage Requirement	1.30	1.30	1.30
 Airport Business Park			
Operating Revenues	\$ 1,510	\$ 1,173	\$ 1,178
Adjustments			
Total Available Revenues	\$ 1,510	\$ 1,173	\$ 1,178
Less: M&O Expenses	(1,087)	(992)	(1,432)
Net Revenues	422	181	(253)
Annual Debt Service	217	1,445	-
Debt Service Coverage	1.94	N/A	N/A
Debt Service Coverage Requirement	1.20	1.20	1.20



Section IX. Benchmark Table of Other Airports

This table compares Spokane International Airport's various statistics with airports of similar size along with those airports that are direct connections. Comparing statistics from one airport to another can be problematic as each airport operates under differing conditions and corporate formation. Spokane's Landing Fee (LF) and Cost per Enplanement (CPE) numbers show the year 2016 along with expected 2017 and 2018 calculations for comparison purposes only.

SIMILAR SIZE AIRPORTS	2016 Rank	2016 Enplanements	2016 Operations	2016 LF	2016 Debt / Pax	2016 CPE	2016 FTE
BIRMINGHAM	89	1,349,032	38,492	5.59	145.18	11.91	139
GERALD FORD (Grand Rapids)	88	1,333,956	81,558	2.98	132.70	9.15	104
LONG BEACH	85	1,327,001	295,007	4.84	83.06	10.54	116
EL PASO	84	1,384,737	80,309	1.87	39.33	6.43	226
TULSA	83	1,368,300	87,598	3.56	122.01	8.16	147
ALBANY	82	1,407,434	64,731	2.73	62.68	6.00	209
NORFOLK	79	1,567,223	73,290	4.71	30.00	8.42	207
BOISE	78	1,593,745	132,591	1.65	23.69	4.45	109
SPOKANE (2016 / 2017 / 2018)	77	1,612,043	116,752	1.98 / 2.07 / 2.10	7.16	5.93 / 5.01 / 5.13	105
TUCSON	76	1,618,304	139,555	1.30	31.29	8.45	217
LOUISVILLE	75	1,679,092	152,378	1.30	137.95	5.99	235
RENO/TAHOE	74	1,778,611	39,579	2.78	15.23	7.60	270
RICHMOND	73	1,767,524	97,000	-	57.88	5.53	167
TED GREEN (Providence)	72	1,820,223	69,426	6.07	174.36	12.86	148
CHARLESTON	71	1,810,542	106,057	0.20	97.19	6.84	163
WILL ROGERS (OKC)	70	1,867,336	189,056	3.00	49.40	6.44	120
BURBANK	67	1,728,461	132,163	0.97	68.10	2.68	155
DESTINATION AIRPORTS							
LOS ANGELES	2	38,952,367	673,679	4.12	120.38	16.08	3,239
CHICAGO O'HARE	3	38,872,669	867,635	8.42	198.75	16.78	1,340
DALLAS / FW	4	32,827,964	675,442	2.05	193.92	9.50	1,848
DENVER	6	29,140,204	572,520	4.59	133.04	11.03	1,275
SAN FRANCISCO	7	25,621,510	439,918	4.87	178.67	16.67	1,496
McCARRAN (LV)	8	23,343,172	534,114	1.93	180.07	11.24	1,319
SEATTLE	9	22,796,118	412,170	3.41	104.49	10.10	888
PHOENIX	13	22,055,907	443,608	1.92	69.67	5.71	862
MINNEAPOLIS	17	18,730,118	375,109	2.68	84.79	6.27	618
SALT LAKE	25	11,293,011	315,585	2.03	-	4.03	511
CHICAGO MIDWAY	26	11,345,748	253,046	3.69	167.88	7.61	202
SACRAMENTO	29	4,943,185	299,800	3.71	206.53	15.45	319
PORTLAND	32	8,792,286	222,979	3.25	72.89	10.68	359
OAKLAND	40	5,812,058	224,074	2.94	38.64	11.42	232

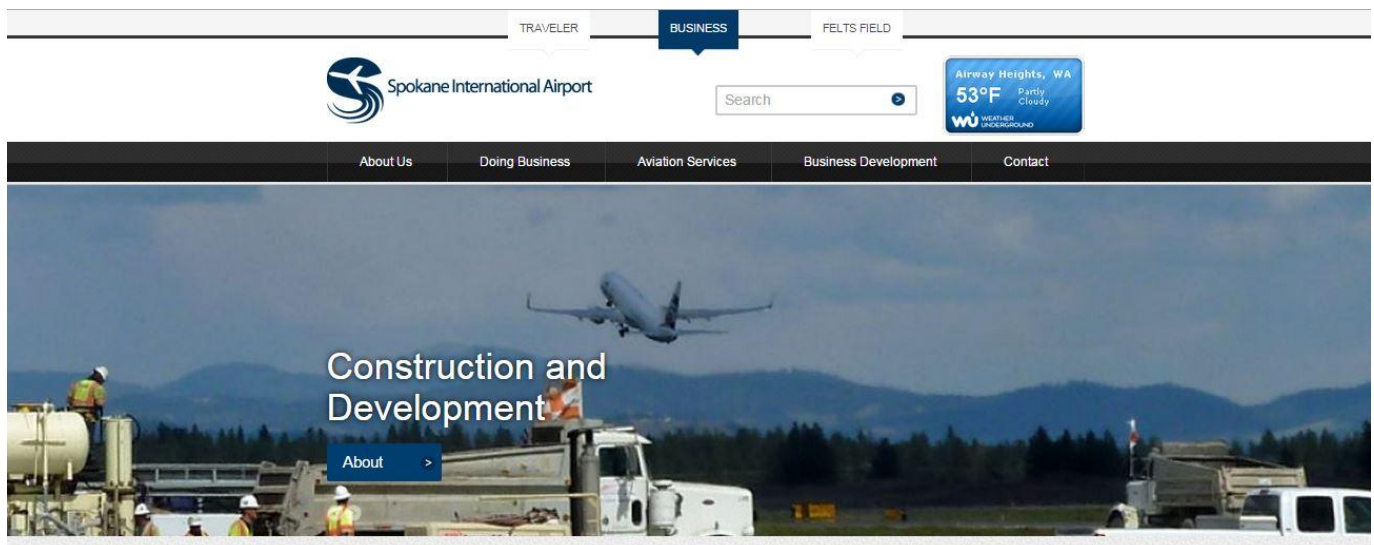
SOURCE: 2016 FAA Form 127



Section X. Budget Summaries by Cost Center



Spokane Airport Board Consolidated Summary Spokane International Operations Summary Business Park Operations Summary Felts Field Operations Summary Capital Improvement Program



SPOKANE AIRPORT BOARD

2018 BUDGET SUMMARY

Note: reclassifications have been made to prior years to conform with 2018 presentation
and some totals or % may not add exactly due to rounding

	<u>2016 Actual</u>	<u>2017 Budget</u>	<u>Projected 2017 Yr End</u>	<u>2018 Budget</u>	<u>% Change 18 vs 17</u>
Operations Revenues					
Spokane International	\$ 30,716,724	\$ 31,308,057	\$ 33,411,630	\$ 34,650,667	
Airport Business Park	1,509,626	1,172,578	1,499,208	1,470,282	
Felts Field	734,933	732,592	732,288	760,900	
	<u>32,961,283</u>	<u>33,213,227</u>	<u>35,643,126</u>	<u>36,881,849</u>	11.0%
Other Sources					
Spokane International	3,222,209	607,943	340,493	263,749	
Airport Business Park	(65,059)	19,276	18,637	20,601	
Felts Field	270,264	138,615	12,079	98,913	
(To) / From CIP Carryover	<u>(2,763,723)</u>	<u>(134,237)</u>	<u>(2,207,632)</u>	<u>500,169</u>	
	<u>663,690</u>	<u>631,597</u>	<u>(1,836,423)</u>	<u>883,432</u>	
Total Operations / Other Sources	<u>\$ 33,624,973</u>	<u>\$ 33,844,824</u>	<u>\$ 33,806,703</u>	<u>\$ 37,765,281</u>	11.6%
Operations Expenses					
Spokane International	\$ 23,201,829	\$ 25,106,110	\$ 25,697,309	\$ 28,222,770	
Airport Business Park	764,536	1,171,243	713,958	1,087,443	
Felts Field	<u>469,949</u>	<u>598,325</u>	<u>725,307</u>	<u>667,085</u>	
	<u>24,436,314</u>	<u>26,875,678</u>	<u>27,136,574</u>	<u>29,977,298</u>	11.5%
Debt Service					
Spokane International	2,413,813	450,251	450,251	451,701	
Airport Business Park	130,000	-	-	-	
Felts Field	-	-	-	531,000	
	<u>2,543,813</u>	<u>450,251</u>	<u>450,251</u>	<u>982,701</u>	
Operations & Debt Service	<u>26,980,127</u>	<u>27,325,929</u>	<u>27,586,825</u>	<u>30,959,999</u>	13.3%
Non-Cash Depreciation					
Spokane International	5,740,546	5,595,991	5,281,387	5,834,742	
Airport Business Park	470,754	426,843	463,353	463,353	
Felts Field	<u>433,546</u>	<u>496,060</u>	<u>475,137</u>	<u>507,187</u>	
	<u>6,644,846</u>	<u>6,518,895</u>	<u>6,219,878</u>	<u>6,805,282</u>	
Total Operations/ Other Expenditures	<u>\$ 33,624,973</u>	<u>\$ 33,844,824</u>	<u>\$ 33,806,703</u>	<u>\$ 37,765,281</u>	11.6%
Capital Sources					
Spokane International	7,897,136	35,540,000	17,135,700	42,594,790	
Airport Business Park	442,933	225,000	298,000	540,000	
Felts Field	<u>7,058,572</u>	<u>2,820,000</u>	<u>2,368,000</u>	<u>6,183,000</u>	
	<u>\$ 15,398,641</u>	<u>\$ 38,585,000</u>	<u>\$ 19,801,700</u>	<u>\$ 49,317,790</u>	27.8%
Capital Expenditures					
Spokane International	7,897,136	35,540,000	17,135,700	42,594,790	
Airport Business Park	442,933	225,000	298,000	540,000	
Felts Field	<u>7,058,572</u>	<u>2,820,000</u>	<u>2,368,000</u>	<u>6,183,000</u>	
	<u>\$ 15,398,641</u>	<u>\$ 38,585,000</u>	<u>\$ 19,801,700</u>	<u>\$ 49,317,790</u>	27.8%
Consolidated Sources	<u>\$ 49,023,614</u>	<u>\$ 72,429,824</u>	<u>\$ 53,608,403</u>	<u>\$ 87,083,071</u>	20.2%
Consolidated Expenditures	<u>\$ 49,023,614</u>	<u>\$ 72,429,824</u>	<u>\$ 53,608,403</u>	<u>\$ 87,083,071</u>	20.2%

SPOKANE INTERNATIONAL AIRPORT

2018 OPERATIONS BUDGET SUMMARY

*Note: reclassifications have been made to prior years to conform with 2018 presentation
and some totals or % may not add exactly due to rounding*

	<u>2016 Actual</u>	<u>2017 Budget</u>	<u>Projected 2017 Yr End</u>	<u>2018 Budget</u>	<u>% Change 18 vs. 17</u>
Operations Revenues					
Landside / Parking / GTC	\$ 10,239,324	\$ 10,211,500	\$ 11,234,928	\$ 11,312,000	
Airfield	4,670,107	4,959,200	4,981,385	5,177,823	
Fuel Facility	635,564	710,921	660,000	655,000	
Other Buildings & Grounds	2,077,026	2,039,085	2,116,689	2,159,115	
Terminal	7,825,595	8,437,258	9,012,151	9,488,619	
Rental Car Facilities	5,106,589	4,844,037	5,215,212	5,694,615	
Other Revenues	162,519	106,056	191,265	163,495	
Total Operations Revenue	<u>\$ 30,716,724</u>	<u>\$ 31,308,057</u>	<u>\$ 33,411,630</u>	<u>\$ 34,650,667</u>	10.7%
Operations Expenditures					
Parking / GTC / Landside	3,638,861	4,233,220	4,350,845	4,786,648	
Airfield & Operations	4,903,241	5,630,280	6,035,620	6,254,270	
Fuel Facility	338,915	399,750	494,267	538,050	
Other Buildings & Grounds	209,796	381,300	214,451	525,860	
Terminal	4,470,798	4,633,000	4,700,737	5,141,875	
Rental Car Facilities	332,872	367,500	386,542	533,100	
Other Indirect Centers					
Engineering	447,400	599,862	542,359	682,846	
Fire	2,724,678	2,043,823	2,112,049	2,103,914	
Information Technology	441,723	489,085	501,391	511,715	
Police	1,472,939	1,690,900	1,469,612	1,714,328	
Communication	463,799	554,100	499,302	560,395	
General Administration	3,756,807	4,083,290	4,390,134	4,869,769	
Sub-Total Operations Expenditures	<u>23,201,829</u>	<u>25,106,110</u>	<u>25,697,309</u>	<u>28,222,770</u>	12.4%
Revenues over Expenditures pre Deprec	<u>\$ 7,514,895</u>	<u>\$ 6,201,947</u>	<u>\$ 7,714,321</u>	<u>\$ 6,427,897</u>	
Gross Depreciation	<u>(20,238,775)</u>	<u>(19,352,203)</u>	<u>(20,615,740)</u>	<u>(22,850,150)</u>	
Credit for Funded Assets	<u>14,498,229</u>	<u>13,756,212</u>	<u>15,334,353</u>	<u>17,015,408</u>	
Net Depreciation	<u>(5,740,546)</u>	<u>(5,595,991)</u>	<u>(5,281,387)</u>	<u>(5,834,742)</u>	
Operations Revenues over Expenditures	<u>\$ 1,774,349</u>	<u>\$ 605,956</u>	<u>\$ 2,432,934</u>	<u>\$ 593,155</u>	
Other Sources Available / (Used)					
Interest Income	272,225	208,613	279,749	279,749	
Transaction Fees ("CFC")	3,191,471	436,598	351,744	-	
Debt Interest	(241,488)	(37,268)	(291,000)	(16,000)	
Total Other Sources Available	<u>3,222,209</u>	<u>607,943</u>	<u>340,493</u>	<u>263,749</u>	-56.6%
Available for Debt / Projects / Reserves	<u>4,996,558</u>	<u>1,213,899</u>	<u>2,773,427</u>	<u>856,904</u>	-29.4%
Total Debt Principal	<u>(2,413,813)</u>	<u>(450,251)</u>	<u>(450,251)</u>	<u>(451,701)</u>	
Sources over (Expenditures)	<u>\$ 2,582,745</u>	<u>\$ 763,648</u>	<u>\$ 2,323,176</u>	<u>\$ 405,203</u>	

AIRPORT BUSINESS PARK

2018 OPERATIONS BUDGET SUMMARY

Note: reclassifications have been made to prior years to conform with 2018 presentation

and some totals or % may not add exactly due to rounding

	<u>2016 Actual</u>	<u>2017 Budget</u>	<u>Projected 2017 Yr End</u>	<u>2018 Budget</u>	<u>% Change 18 vs. 17</u>
Operating Revenues					
Building / Office Leases	\$ 1,225,787	\$ 920,289	\$ 1,201,849	\$ 1,175,173	
Land Leases	240,162	238,999	281,819	281,819	
Miscellaneous	43,677	13,290	15,540	13,290	
Total Operating Revenues	\$1,509,626	\$1,172,578	\$1,499,208	\$1,470,282	25.4%
Operating Expenses					
Buildings	\$477,891	\$863,056	\$428,067	\$758,085	
Grounds	118,000	111,000	91,622	97,900	
General Administration	168,645	197,187	194,269	231,458	
Total Operating Expenses	764,536	1,171,243	713,958	1,087,443	-7.2%
Revenues over Expenses (Pre Deprec)	\$ 745,090	\$ 1,335	\$ 785,250	\$ 382,839	
Depreciation	(470,754)	(426,843)	(463,353)	(463,353)	
Operating Revenue over (Expense)	\$ 274,336	\$ (425,508)	\$ 321,897	\$ (80,514)	
Other Sources Available / Used					
Interest Income	12,053	10,000	8,036	10,000	
Interest Expense	(86,831)	-	-	-	
Other Non-Operating Income	9,718	9,276	10,601	10,601	
Total Other Sources Available	(65,059)	19,276	18,637	20,601	
Available for Debt / Projects / Reserves	209,277	(406,232)	340,534	(59,913)	
Total Debt Principal	(130,000)	-	-	-	
Sources over Expenditures incl Deprec	\$ 79,277	\$ (406,232)	\$ 340,534	\$ (59,913)	

FELTS FIELD

2018 OPERATIONS BUDGET SUMMARY

Note: reclassifications have been made to prior years to conform with 2018 presentation
and some totals or % may not add exactly due to rounding

	<u>2016 Actual</u>	<u>2017 Budget</u>	<u>Projected 2017 Yr End</u>	<u>2018 Budget</u>	<u>% Change 18 vs. 17</u>
Operating Revenues					
Airfield	\$ 47,100	\$ 37,400	\$ 48,679	\$ 48,800	
Hangars/ Bldgs / Land	660,605	666,612	656,425	685,200	
Terminal	27,058	28,160	26,504	26,600	
Miscellaneous	170	420	680	300	
Total Revenues	\$ 734,933	\$ 732,592	\$ 732,288	\$ 760,900	3.9%
Operating Expenses					
Airfield	\$ 109,052	\$ 184,500	\$ 154,186	\$ 196,000	
Hangars/ Bldgs / Land	75,445	85,750	132,746	88,750	
Terminal	59,683	89,200	57,690	89,700	
General Admin	225,769	238,875	380,685	292,635	
Total Expenses	469,949	598,325	725,307	667,085	11.5%
Expenses over Revenues Pre Deprec	\$ 264,984	\$ 134,267	\$ 6,981	\$ 93,815	-30.1%
Depreciation	(1,087,209)	(1,211,565)	(1,190,642)	(1,309,707)	
Credit for Funded Assets	653,663	715,505	715,505	802,520	
Net Depreciation	(433,546)	(496,060)	(475,137)	(507,187)	
Expenses over Revenue incl Deprec	\$ (168,562)	\$ (361,793)	\$ (468,156)	\$ (413,372)	
Cash Available for Debt Service	\$ 264,984	\$ 134,267	\$ 6,981	\$ 93,815	
Interest and Other Income	5,280	4,348	5,098	5,098	
Available for Debt / Projects / Reserves	270,264	138,615	12,079	98,913	
Debt Service	-	-	-	(531,000)	
Expenditures over Sources	\$ 270,264	\$ 138,615	\$ 12,079	\$ (432,087)	

SPOKANE AIRPORT BOARD

2018 CAPITAL SUMMARY

Note: reclassifications have been made to prior years to conform with 2018 presentation and some totals or % may not add exactly due to rounding

SPOKANE INTERNATIONAL AIRPORT	2016 Budget	2016 Actual	2017 Budget	Projected 2017 Yr End	2018 Budget
SOURCES OF FUNDS					
Federal & AIP Grants	2,000,000	381,371	7,000,000	5,650,000	9,000,000
Other Federal Grants / Funds	5,600,000	150,253	4,500,000	4,500,000	750,000
Other State / Local Funds	-	1,290	-	165,000	2,000,000
Available / Used PFC Collections and Interest	7,600,000	237,938	12,790,000	2,757,700	17,477,790
Available CFC Collections		1,017,998	6,000,000	200,000	5,825,000
Funds From Operations & Unrestricted Cash	4,881,768	6,108,285	5,250,000	3,863,000	7,542,000
	20,081,768	7,897,136	35,540,000	17,135,700	42,594,790

EXPENDITURE OF FUNDS					
Landside / Parking / Ground Transportation	3,900,000	4,546,836	1,820,000	1,820,000	3,812,000
Airfield / Ops / Fuel	2,888,222	1,423,031	8,175,000	7,273,000	13,725,000
Other Buildings & Grounds	-	622,564	7,300,000	590,000	8,325,000
Terminal	2,560,000	568,919	2,175,000	2,252,700	7,110,590
ARFF	14,800	16,951	80,000	-	-
I.T.	5,975,000	600,096	8,670,000	450,000	6,762,200
Police / Security	5,325,000	70,749	7,070,000	4,750,000	2,360,000
Admin	-	47,990	250,000	-	500,000
Total Expenditures	20,663,022	7,897,136	35,540,000	17,135,700	42,594,790

AIRPORT BUSINESS PARK	2016 Budget	2016 Actual	2017 Budget	Projected 2017 Yr End	2018 Budget
SOURCES OF FUNDS					
Funds From Operations & Unrestricted Cash	250,000	442,933	225,000	298,000	540,000
Total Sources	250,000	442,933	225,000	298,000	540,000

EXPENDITURE OF FUNDS					
Total Capital Projects	250,000	442,933	225,000	298,000	540,000
Total Expenditures	250,000	442,933	225,000	298,000	540,000
Current Year Change of Reserves	\$ -	\$ -	\$ -	\$ -	\$ -

FELTS FIELD	2016 Budget	2016 Actual	2017 Budget	Projected 2017 Yr End	2018 Budget
SOURCES OF FUNDS					
Federal & AIP Grants	2,500,000	4,970,987	950,000	530,000	-
Other Grants		166,315	310,000	-	-
Debt Issues				-	5,000,000
Funds From Operations & Unrestricted Cash	1,025,000	1,921,270	1,560,000	1,838,000	1,183,000
Total Sources	3,525,000	7,058,572	2,820,000	2,368,000	6,183,000

EXPENDITURE OF FUNDS					
Airfield	3,400,000	6,976,878	1,445,000	1,166,000	80,000
Other Buildings / Grounds	75,000	81,694	1,250,000	1,077,000	6,103,000
Terminal	50,000	-	125,000	125,000	-
Total Expenditures	3,525,000	7,058,572	2,820,000	2,368,000	6,183,000

Note: The expenditures noted above do not necessarily represent specific projects, rather a variety of projects in a category that will be individually vetted by the Airport Board through the Committee process prior to authorization of expending of funds.



Selected 2018 Rates & Charges List

Space rates shown on a square foot per annum basis
Other rates on a monthly basis unless noted otherwise
(This list is not meant to be all inclusive.)

Spokane International Airport	Signatory	Cargo Exempt*	w/ Use Agreement	Itinerant
Class 1 Space				
Airline Ticket Counters	53.71			
Airline Ticket Office (ATO)	53.71			
Queuing Areas	53.71			
Instant Travel Machines	53.71			
Concourse Hold Areas	53.71			
Baggage Claim	53.71			
Class 2 Space				
Baggage Service (BOS)	40.28			
Upper Concourse Office	40.28			
Ops Office	40.28			
Communications Office	40.28			
Baggage Make-Up	40.28			
Baggage Delivery	40.28			
Lower Concourse Office	40.28			
Storage Room	40.28			
Maintenance Office	40.28			
Baggage Cabinet	40.28			
Triturator Building	40.28			
Loading Bridge	1,803.50			
Aircraft Parking	450.00			
Boarding Walkway	10.92			
Ramp GSE Storage	4.12			
Glycol Pad	4.12			
Outside Storage	0.75			
Landing Fee / 1,000 lbs	2.10	2.21	2.42	3.15
Non Lease Loading Bridge / use	360.00		360.00	360.00
(Includes NON Leased Loading Bridge, A/C Parking, Concourse holding area, baggage claim)				
Non Lease Ticketing / use	130.00		130.00	130.00
(Includes NON Leased Ticket Counter & Baggage Make-up)				
Non Lease Aircraft Parking / use	100.00	105.00	125.00	150.00
Fuel Flowage Fee per Gallon	0.040	0.040	0.050	0.065

Use Agreement / month	
SIA	90.00
Felts Field	35.00

Spokane International General Aviation	
Non Lease Aircraft Parking / day	
Single Engine Aircraft	25.00
Multi Engine / Small Jet	35.00
RJ or Greater	50.00

*Cargo Exempt: Cargo Carriers with on-airfield ramp and operation facilities



Selected 2018 Rates & Charges List

Space rates shown on a square foot per annum basis
Other rates on a monthly basis unless noted otherwise
(This list is not meant to be all inclusive.)

Miscellaneous Items (incl WSST)	
Security Badge Only	15.00
Badge Renewal or Fingerprinting	35.00
New Badge & Fingerprinting	50.00
Telephone Line	12.00
Fitness Center / month	16.31
Concourse C Conf room / 4 hrs	25.00
Main Terminal Conf room / 4 hrs	25.00
Room Setup (if necessary)	25.00
Irv Reed Conference Center / day	175.00
Trip Fee / Use	1.25

Parking / Loading Bridge / Hold Area		
# Psgrs	Use Agreement	Itinerant
1-30	126.00	126.00
31-80	252.00	252.00
81+	360.00	360.00
Ticketing Rates		
# Psgrs	Use Agreement	Itinerant
1-30	46.00	46.00
31-80	91.00	91.00
81+	130.00	130.00

ALL VEHICLE PARKING INCLUDES WA STATE SALES TAX					
Parking (Sales Tax Included)	Covered	Outside	Conc		
Length of Stay	Garage	Surface	C-Lot	Economy	Hourly
0 - 1 HR	2.00	2.00	2.00	2.00	2.00
1 - 2 HRS	4.00	4.00	4.00	4.00	
2 - 3 HRS	6.00	6.00	6.00		
3 - 4 HRS	8.00	8.00	7.50		
4+ HRS	10.00				
DAILY MAX.	10.00	8.00	7.50	4.00	

Tenant Employee Lots / mo	20.00
Tenant Employee Surface Lot / mo	30.00
Garage Employee Parking / mo	70.00
Commuter Surface Lot / mo	40.00
Commuter Garage / mo	80.00
Passport / Executive per month	200.00
Vendor Parking / veh / year	50.00
ALL VEHICLE PARKING INCLUDES WSST	

FELTS FIELD RATES	
Landing Fee / 1000 lbs	2.00
Non Lease Aircraft / day	25.00
T-Hangar / mo	230.00
Tie-Down / mo	30.00
Fuel Flowage per Gallon	0.065

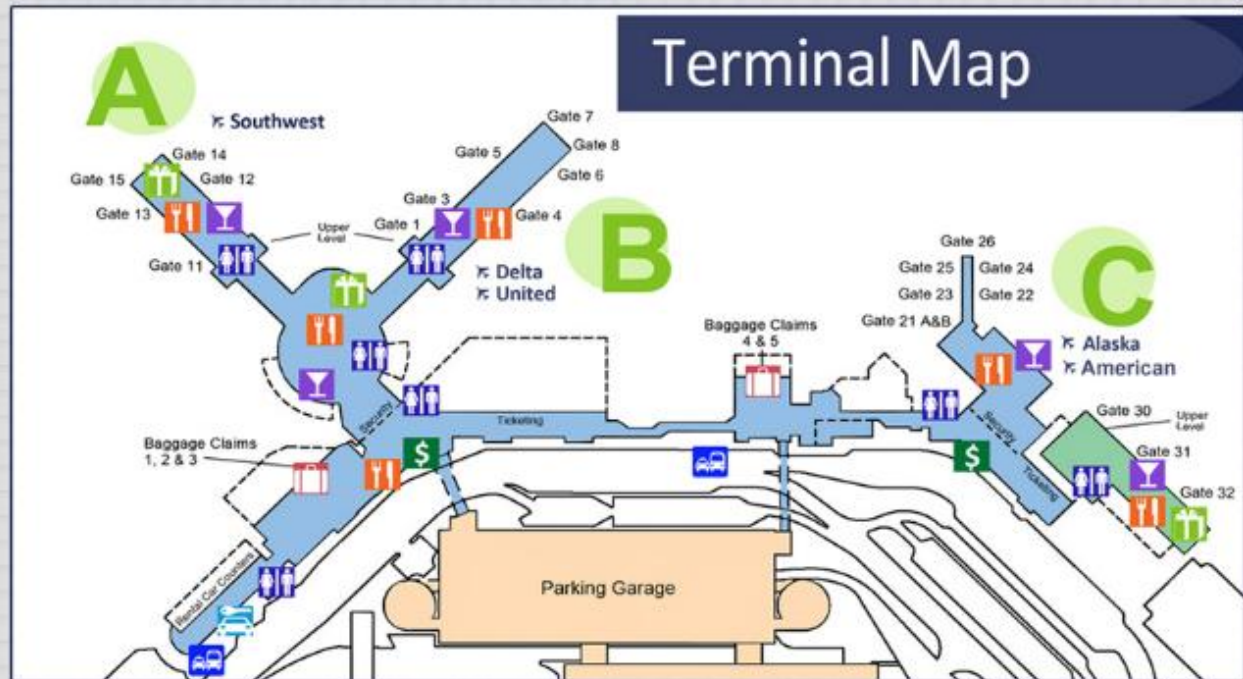
Mini Warehouse Rates	
All Units Due in Advance	
Monthly	56.00
Quarterly	144.00
Annually	481.00
Includes WA St LH Tax	

"Force" Account Rates	
Subject to Adjustment	
Materials	Cost + 10%
Labor	\$56.50 / hr
Does NOT include WSST	

Notes: Certain other terminal and leasehold rental rates are set in conjunction with the Airline Operating Agreement (AOA) provisions while others are set by Fair Market Value appraisals. Rental Car and Concession rates are determined through negotiation and Request for Proposal (RFP) processes. Equipment rentals and other rates are available upon request.

Spokane Airports 2018 Budget

Spokane International Airport / Airport Business Park/ Felts Field



- | | | |
|-------------------|----------------|-------------------|
| Car Rental | Restrooms | Baggage Claim |
| Taxi/ Shuttle Bus | Restaurant | Gift Shop |
| | Bar/ Cocktails | Cash Machine/ ATM |



9000 West Airport Drive
Spokane, WA 99224

www.spokaneairports.net

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/18/2017
<u>Clerk's File #</u>	PRO 2017-0029
<u>Renews #</u>	

Submitting Dept	FINANCE & ADMIN	Cross Ref #	
Contact Name/Phone	CRYSTAL 625-6369	Project #	
Contact E-Mail	CMARCHAND@SPOKANECITY.ORG	Bid #	
Agenda Item Type	Report Item	Requisition #	
Agenda Item Name	0410 - SET HEARING FOR CITYWIDE CAPITAL IMPROVEMENT PROGRAM		

Agenda Wording

Set hearing for November 13, 2017 for the Citywide Capital Improvement Program, 2018-2023.

Summary (Background)

In accordance with the State Growth Management Act and the City of Spokane's Spokane Municipal Code (SMC) Chapter 7.17, the City must adopt and annually update a Citywide Six-Year Capital Improvement Program. The Program must be updated annually as part of the budget process. With the approval of the 2018 Budget, the first year of the Program reflects the 2018 Budget.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	
Select \$		#
Select \$		#
Select \$		#
Select \$		#
<u>Approvals</u>		<u>Council Notifications</u>
<u>Dept Head</u>	DUNIVANT, TIMOTHY	<u>Study Session</u>
<u>Division Director</u>	MARCHAND, CRYSTAL	<u>Other</u> Finance Committee
<u>Finance</u>	DAVIS, LEONARD	Distribution List
<u>Legal</u>	DALTON, PAT	tdunivant@spokanecity.org
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jdclark@spokanecity.org
<u>Additional Approvals</u>		kemiller@spokanecity.org
<u>Purchasing</u>		cmarchand@spokanecity.org

CITY PLAN COMMISSION FINDINGS OF FACT, CONCLUSIONS, AND RECOMMENDATIONS ON THE 2018-2023 CITYWIDE CAPITAL IMPROVEMENT PROGRAM

A Recommendation of the City Plan Commission certifying that the 2018-2023 Six Year Citywide Capital Improvement Program (CIP) is in conformance with the City of Spokane's Comprehensive Plan.

FINDINGS OF FACT:

A. In May 2001, the City of Spokane adopted its Comprehensive Plan under the Growth Management Act (Chapter 36.70A RCW or "GMA").

B. The City's Comprehensive Plan is required to be consistent with the GMA.

C. The GMA requires that the City's annual CIP shall be in conformance with the City's Comprehensive Plan.

D. The 2018-2023 Six Year Citywide CIP identifies capital project activity which has implications on the growth of the community.

E. The City Plan Commission held one workshop on September 13, 2017, to obtain public comments on the 2018-2023 Six Year Citywide CIP.

F. The City Council must receive a recommendation from the City Plan Commission to certify that the 2018-2023 Six Year Citywide CIP is in conformance with the City's Comprehensive Plan in effect on the day of certification.

CONCLUSIONS:

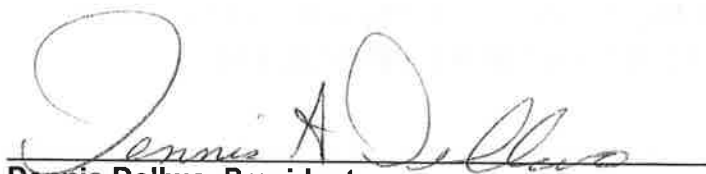
A. The 2018-2023 Six Year Citywide CIP has been prepared in full consideration of the City's Comprehensive Plan.

B. The 2018-2023 Six Year Citywide CIP has been reviewed by the City Plan Commission and found to be in conformance with the goals and policies of the City's 2001 Comprehensive Plan, as well as the Arterial Street Plan.

RECOMMENDATIONS:

A. The Spokane City Plan Commission is certifying that the 2018-2023 Six Year Citywide CIP is in full compliance with the existing Spokane Comprehensive Plan as required by RCW 36.70A and RCW 35.77.010 and is recommended for adoption by the Spokane City Council.

B. By a vote of 7 to 0, the Plan Commission recommends the approval of these amended documents by the City Council.

A handwritten signature in dark ink, appearing to read "Dennis Dellwo", is written over a horizontal line.

**Dennis Dellwo, President
Spokane Plan Commission**

NOTICE



PRO 2017-0029 — The 2018-2023 Citywide Six-Year Capital Improvement Program can be viewed on line at: <http://www.myspokanebudget.org>.

In addition the Program will be available for viewing at the City Clerk's Office — 5th Floor, City Hall (clerks@spokanecity.org or 509.625.6350).

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2017-0747
<u>Renews #</u>	
<u>Cross Ref #</u>	
<u>Project #</u>	
<u>Bid #</u>	4386-17
<u>Requisition #</u>	RE 18717

<u>Submitting Dept</u>	WATER & HYDROELECTRIC SERVICES
<u>Contact Name/Phone</u>	STEVE BURNS 742-8154
<u>Contact E-Mail</u>	SBURNS@SPOKANECITY.ORG
<u>Agenda Item Type</u>	Purchase w/o Contract
<u>Agenda Item Name</u>	4100 - THORPE ROAD BOOSTER STATION VERTICAL TURBINE PUMP

Agenda Wording

Purchase of Thorpe Road Booster Station Vertical Turbine Pump, including inspection of installation and training, from Triangle Pump & Equipment, Inc. (Ridgefield, WA) in the amount of \$128,562.30.

Summary (Background)

Sealed bids were opened on Monday, August 21, 2017 to provide the Water and Hydroelectric Services department with a Vertical Turbine Pump for the Thorpe Road Booster Station (Bid# 4386-17). One (1) bid was received; Triangle Pump & Equipment, Inc. was determined a responsive bidder. This item has a long lead time at 190 days from order placement.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	
Expense	\$ 128,562.30	# 4250-42300-94000-56501-04100
Select	\$	#
Select	\$	#
Select	\$	#
<u>Approvals</u>		<u>Council Notifications</u>
<u>Dept Head</u>	KEGLEY, DANIEL	<u>Study Session</u>
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>
		Finance & Admin 10/16/17
<u>Finance</u>	CLINE, ANGELA	<u>Distribution List</u>
<u>Legal</u>	SCHOEDEL, ELIZABETH	tprince@spokanecity.org
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	sjohnson@spokanecity.org
<u>Additional Approvals</u>		
<u>Purchasing</u>	WAHL, CONNIE	

BRIEFING PAPER
City of Spokane
Finance & Administration Committee
Water Department
October 16, 2017

Subject

Purchase of Thorpe Road Booster Station Vertical Turbine Pump, including inspection of installation and training, from Triangle Pump & Equipment, Inc. (Ridgefield, WA) in the amount of \$128,562.30.

Background

Sealed bids were opened on Monday, August 21, 2017 to provide the Water and Hydroelectric Services department with a Vertical Turbine Pump for the Thorpe Road Booster Station (Bid# 4386-17). One (1) bid was received; Triangle Pump & Equipment, Inc. was determined a responsive bidder.

Impact

This order supports procurement of a vertical turbine pump for the Thorpe Road Booster Station project.

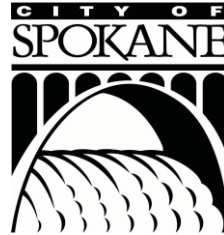
Action

Recommend approval. This item has a long lead time at 190 days from order placement.

Funding

All funding for this purchase has been reserved from the ICM Six Year Capital Plan budget.

DAVID A. CONDON
MAYOR



CITY OF SPOKANE - PURCHASING
808 W. Spokane Falls Blvd.
Spokane, Washington 99201-3316
(509) 625-6400

REQUEST FOR BID

City of Spokane, Washington

BID NUMBER: #4386-17

DESCRIPTION: THORPE ROAD BOOSTER STATION VERTICAL TURBINE PUMP

DUE DATE: MONDAY, AUGUST 21, 2017

No later than 1:00 p.m.
City of Spokane – Purchasing
4TH Floor, City Hall
808 W Spokane Falls Blvd
Spokane WA 99201

BID SUBMITTED BY:

COMPANY Triangle Pump & Equipment, Inc.
MAILING ADDRESS PO Box 2890; Battle Ground, WA 98604
PHYSICAL ADDRESS 7509 South 5th Street, Unit 103
Ridgefield, WA 98642
PHONE NUMBER 360-887-9530
FAX NUMBER 360-887-9540
E-MAIL ADDRESS david@trianglepump.com

Hea Prince

See Floway Scope at end of the documents around page 27

PURCHASING

PART I. PRICING PAGE

TO: PURCHASING, CITY OF SPOKANE

BID NAME: THORPE ROAD BOOSTER STATION VERTICAL TURBINE PUMP

BID NO: #4386-17

The purpose of this Request for Bid is to invite sealed Bids to supply The City of Spokane with the THORPE ROAD BOOSTER STATION VERTICAL TURBINE PUMP for the WATER & HYDROELECTRIC DEPARTMENT.

The undersigned agrees to furnish the following items at the prices stated, subject to the conditions and requirements of this Bid.

	DESCRIPTION	UNIT PRICE	TOTAL
1	ONE (1) VERTICAL TURBINE PUMP INCLUDING A TWO (2) YEAR WARRANTY	\$115,958.00	\$115,958.00
	WA STATE SALES TAX (8.8%)	\$10,204.30	\$10,204.30
	INSPECT FOR INSTALLATION, START-UP, AND OPERATION	\$1,200.00	\$1,200.00
	TRAINING, ½ PERSON DAY	\$1,200.00	\$1,200.00
	GRAND TOTAL	\$128,562.30	\$128,562.30

PAYMENT: NET30

Unless agreeing to payment by credit card with no additional fee, payment shall be made via direct deposit/ACH (except as provided by state law) after receipt of the goods/services ordered. A completed ACH application is required before a City order will be issued. If the City objects to all or any portion of an invoice, it shall notify the supplier and reserve the right to pay only that portion of the invoice not in dispute. In that event, all parties shall immediately make every effort to settle the disputed amount.

Supplier will accept credit card as a form of payment? ____ YES x NO.

DELIVERY: We (I) will deliver the complete the above items within 190 days from receipt of order.

F.O.B. DELIVERY POINT: Water & Hydroelectric Services Warehouse, 914 E North Foothills Drive, Spokane, WA 99207-2794

Bid #4386-17

8/21/17

ACCEPTANCE: The signing and submittal of Part I of this proposal shall be an indication of acknowledgement and acceptance of these terms and conditions and compliance shall be part of the bidders' proposal.

Firm Name: Triangle Pump & Equipment, Inc. Signature: David W. Flack

Mailing Address: PO Box 2890 By: David W. Flack
(Type or Print)

Battle Ground, WA 98604 Title: Owner

Phone: 360-887-9530 Date: 8-17-17

Please indicate person to be contacted by the City concerning item(s) being bid:

NAME: David W. Flack TELEPHONE: 360-887-9530

BUSINESS REGISTRATION REQUIREMENT

Section 8.01.070 of the Spokane Municipal Code states that no person may engage in business with the City without first having obtained a valid business registration. The Supplier shall be responsible for contacting the State of Washington Business License Services at <http://bls.dor.wa.gov> or 1-800-451-7985 to obtain a business registration. If the Supplier does not believe it is required to obtain a business registration, it may contact the City's Taxes and Licenses Division at 509-625-6070 to request an exemption status determination.

CITY OF SPOKANE BUSINESS REGISTRATION NUMBER: To Be Purchased Upon Successful Bid

ORGANIZATION

Proposal of an () individual () partnership (x) corporation organized and existing under the Laws of the State of Washington.

ADDITIONAL ITEMS

The City of Spokane reserves the right to purchase additional items at the bid price. Supplier agrees to sell at the same price, terms and conditions.

YES x NO _____

If yes, prices are good until 11-19-2017 (DATE)

INTERLOCAL PURCHASE AGREEMENTS

The City of Spokane has entered into Interlocal Purchase Agreements with other public agencies pursuant to RCW 39.34. In submitting a response the Supplier agrees to sell additional items at the bid price, terms and conditions to the City of Spokane and other public agencies contingent upon the seller's review and approval at the time of a requested sale. Any price de-escalation/escalation provisions of this bid proposal shall apply in the case of a sale of additional items. Seller's right to refuse to sell additional items at the time of request shall be absolute.

ORIGINAL EQUIPMENT MANUFACTURER

State name(s) and address(es) of Original Equipment Manufacturer (OEM) and distributors (if applicable) to be used in the production and delivery of your product.

NAME	ADDRESS	ZIP
Weir-Floway	2494 S. Railroad Avenue - Fresno, CA	93706

MINORITY BUSINESS ENTERPRISE

Supplier (is , is not X) a Minority Business Enterprise. A Minority Business Enterprise is defined as a "business, privately or publicly owned, at least 51% of which is owned by minority group members." For purpose of this definition, minority group members are Blacks, Hispanics, Asian Americans, American Indian or Alaskan Natives, or Women.

SMALL BUSINESS

Supplier (is X , is not) a small business concern. (A small business concern for the purpose of government procurement is a concern, including its affiliates, which is independently owned and operated, is not dominant in the field of operations in which it is bidding on government contracts, and can further qualify under the criteria concerning number of employees, average annual receipts, or other criteria as prescribed by the Small Business Administration).

NON-COLLUSION

The Bidder certifies that his/her firm has not entered into any agreement of any nature whatsoever to fix, maintain, increase or reduce the prices or competition regarding the items covered by this bid invitation.

PART II. SPECIFICATIONS**SECTION I. GENERAL INSTRUCTIONS**

1. These specifications will establish minimum acceptable requirements attempting to take advantage of latest developments.
2. The items to be furnished by the Supplier on this bid must be of the latest possible design and production.
3. More than one Make/Model may be bid if a separate technical section is completed for each Make/Model.
4. The items bid, with possible different options may either be leased or purchased by the City of Spokane or other governmental entity pursuant to RCW 39.34
5. The unit, as specified, and all equipment, standard and optional, shall be completely

Bid #4386-17

8/21/17

assembled, adjusted, and ready for use when delivered.

6. Time is of the essence in the performance of this contract after a delivery schedule is established. Delivery time shall be a consideration of awarding this contract.
7. Brochures to be included with bid proposal forms.
8. References to be included with bid proposal forms.
9. The Supplier must be able to service any items purchased by the City of Spokane. The Supplier, therefore, must: [\(See Floway Scope Docs\)](#)
 - be an authorized factory dealer for the area including the City of Spokane; or
 - submit a 100% Performance Bond for the life of the equipment; or
 - provide satisfactory proof by the manufacturer that service will be guaranteed.
10. Suppliers should be aware that bids may be rejected if all questions are not completely and correctly answered.
11. Supplier must acknowledge each specification shown in Section III, Technical Specifications, as follows:
 - A. **“INITIAL” Column**
Supplier will initial when the product offered is equal to or better than the individual specification. State your exact capabilities if different from specification stated or a tolerance is given.
 - B. **“EXCEPTION, IF ANY” Column**
Explain all exceptions to specification as stated. SPECIFICATIONS ARE MINIMUM REQUIREMENTS. EXCEPTIONS taken, not considered equal or better, will result in rejection of the bid.

NOTE: All equivalents (substitutes) require explanation. (Use additional paper with reference to item number and respective question (number)).

12. Signature on this proposal by the bidder will confirm acknowledgement of receipt and understanding of general terms and conditions.
13. **Any questions concerning this BID should be directed to: Samantha Johnson, Buyer – Water/Wastewater Maintenance at sjohnson@spokanecity.org or Thea Prince, Senior Buyer, Purchasing Division at tprince@spokanecity.org.**

SECTION II. SPECIAL INSTRUCTIONS

The City of Spokane Water & Hydro Department invites sealed bids for a vertical line shaft pump in an existing suction barrel/can.

1. This technical specification covers the requirements for the design, manufacture, shop testing, assembly, packaging, shipping, and providing technical direction of installation of

the vertical line shaft pump. The unit is used as a booster pump in the City's potable water distribution system. The pump shall be supplied complete with appropriately sized electric motor. See Attachment 2 for dimensions.

2. Only manufacturers regularly engaged in the design and construction of the type of pump specified will be considered. **Bidders must include with bids evidence to the engineer that they have built units of similar design and have a minimum of ten (10) years of proven satisfactory field operation. Proposals shall indicate the nearest service center to Spokane.**
3. Discontinued models and components are not acceptable.
4. The omission of any standard feature described herein shall not void the bidder's responsibility to furnish a complete unit with all standard equipment of the manufacturer's latest model and design. Equipment to be furnished shall be new and unused unless a demo unit is specified.
5. Federal and State laws governing this product and its final certification must be satisfied.
6. It shall be the Supplier's responsibility to conform to all Federal Standards for certification.
7. Delivery time shall be a consideration of awarding this contract. Therefore the City requests a completed delivery date **as soon as possible**.
8. **All freight expenses shall be the responsibility of the winning supplier.** However, the final F.O.B. point shall be the Water & Hydroelectric Services Warehouse – 914 E North Foothills Drive, Spokane, WA 99207-2794. No payment shall be made until acceptance of the entire unit.
9. The following specifications are the minimum acceptable specifications and failure to comply may be used as a basis for rejection of the quote.
10. If the equipment differs from the provisions contained herein, these differences must be explained in detail.
11. Bidders must complete the blanks to indicate compliance or state exception.
12. Suppliers found to have "overstated" the true ability of their units shall reimburse the City for all costs incurred with remanufacturing of units until criteria have been satisfied. These costs shall also include legal, rentals, travel, etc.
13. The City reserves the right to accept or reject any part of or all bids and to accept the bid deemed to be in the best interest of the City.
14. I acknowledge receipt and compliance with the above special instructions. dwf

Initial

SECTION III: TECHNICAL SPECIFICATIONS

Please refer to Section 1, Paragraph 11, Page 5, of this specification for instructions for completion of the "To be Supplied/Exceptions" portion of this section.

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
1.0	<p>SCOPE:</p> <p>Furnish, train key City personnel on O&M procedures and inspect for installation, start-up, and operation of a vertical turbine pump with an above ground discharge. Vertical turbine pump shall be of the open line shaft and fresh water lubricated type. Like items of equipment specified herein shall be the end product of one manufacturer. Electrical controls and motor design requirements are specified in this section and the electrical section of these specifications. The pump supplier shall be responsible for coordinating the pump requirements with the pump motor manufacturer and shall be responsible for the overall pump and motor requirements. The pump supplier shall assemble the discharge head, shaft, column, and pump into a single unit for shipping.</p> <p>Materials and equipment shall be standard products of a manufacturer and distributor regularly engaged in the manufacture and distribution of such products for at least ten (10) years and shall be suitable for the service intended (pumping of potable groundwater). All materials and equipment shall be new and unused except for the testing specified herein.</p> <p>The pumps shall be warranted by the manufacturer for a minimum of two (2) years from the date of final acceptance.</p> <p>All materials and coatings coming in contact with potable water shall be ANSI/NSF Standard 61 approved.*</p> <p>*Refer to Attachment 1 for <i>Reference Specifications, Codes, and Standards</i>.</p>	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	
2.0	Performance Requirements at Full Pump Speed		

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
3.0	Maximum Shutoff Head: 720 ft. Minimum Shutoff Head: 620 ft.	KK	
	Duty Pt. 1 – 2125 gpm @ 467 ft. TDH Duty Pt. 2 – 2350 gpm @ 420 ft. TDH	KK	
	Minimum Bowl Efficiency: Duty Pt. 1 – 85.0% Duty Pt. 2 – 83.0%	KK	
	Nominal Maximum Pump Speed: 1200 rpm Maximum Motor Size: 300 hp Maximum Net Positive Suction Head Required: 75 ft. Maximum Net Positive Suction Head Required to be provided by the Manufacturer.	KK	
	Operating Conditions		
	Duty: Continuous Drive: Constant Speed		
	Ambient Environment: Indoor Ambient Temperature: 33° - 104° F	KK	
	Fluid Service: Potable Water Fluid Temperature: 33° - 65° F Fluid pH Range: 6.0 to 8.0 Fluid Specific Gravity: 1.0 Fluid Viscosity: 1.12 (absolute) (centipoises at 60°F)	KK	
	Booster Station Floor Elevation: 2050.87 ft. msl. Tank Water Level Operating Range Bottom: 2084 ft. msl. Pump Can Inlet Elevation (centerline): 2044.87 ft. msl.	KK	
	Pump Can Depth: 24 ft.	KK	
	Pump Dimensions	KK	
	Discharge Diameter: 12 in.	KK	
	Discharge Flange Rating: 325 psi (ANSI)	KK	
	Minimum Column Shaft Diameter: 2 in.	KK	
4.0	Minimum Pump Bowl Shaft Diameter: Per Manufacturer	KK	
	Maximum Pump Diameter: 14 in.	KK	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
5.0	Column Diameter: 12 in.		
	Existing Barrel/Can Diameter: 20 in.	KK	
	Setting: 138 in. (Distance from underside of discharge head or base plate to the bottom of the pump intake)		
	Pump Construction		
	A. Pump Bowl Assembly		
	1. The bowls shall be ASTM A48 Class 30 cast-iron free of blow holes, sand holes, and other detrimental defects. They shall be accurately machined with register fit circles. All bowls shall be flanged type construction. Bowls to be porcelain enamel lined and coated on the outside with a two component, self-priming applied in a two coat process, over a sandblasted surface, to a minimum dry film thickness of 8 mil or per manufacturer's recommendations. Coating shall be Amerilock 2/ Sigmacover 2 and shall be NSF61 approved. All bowl bolting, studs, and nuts shall be stainless steel.	KK	-Floway to offer Carboguard 891 as NSF approved coating.
	2. The impellers shall be ASTM B148 C95200 aluminum bronze and shall be statically and dynamically balanced. They shall be securely fastened to the shaft with double keys and thrust rings.	KK	
	3. The bowl wear rings shall be bronze and replaceable.	KK	
	4. The bowl shaft shall be stainless steel, type 416 or 17-4 PH (A564 Grade 630). The size of the shaft shall meet the minimum requirements of ANSI/AWWA E101.	KK	
	5. The suction bell shall be cast-iron with a non-soluble grease packed bottom bearing sealed with a bronze sand collar. Lining and coating shall be the same as bowls.	KK	
	6. The bottom bearing shall be a close tolerance sleeve type with a length minimum of 2 ½ times shaft diameter. Suction case shall be permanently grease lubricated with non-soluble grease.	KK	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	<p>7. The bowl and suction case bearing shall be of the bronze sleeve type.</p> <p>8. The entire assembly (bowl, column, shaft, discharge head, and bearings) must be NSF61 certified as a complete unit and written certification provided. NSF61 Annex G rating is only acceptable if additional testing to meet the current standard is completed (at the supplier's expense) and verified prior to delivery. This is due to the difference in lead content standards; Annex G is low lead content, while the current standard is no lead content. This supports the City's current objective to reduce the exposure of lead into our water.</p> <p>B. Column Assembly</p> <p>1. The column pipe shall be ASTM A53 Grade B Schedule 40 steel pipe at minimum. The column pipe shall be designed so that the pump suction is located at approximately 12 ½ feet from the bottom of the barrel/can. The column pipe shall be in sections not larger than 8 feet in length. Column assembly shall be of NPT (National Pipe Thread) type construction. Discharge assembly shall be designed to withstand 325 psi. Column pipe shall be coated on the inside and outside with two component, self-priming coating applied in a two coat process, over a sandblasted surface, to a minimum dry film thickness of 8 mil or per manufacturer's recommendations. Coating shall be Amerilock 2/Sigmacover 2 and shall be NSF61 approved.</p> <p>2. The line shaft material shall be 17-4 PH (A564 Grade 630), turned and ground. The butting faces shall be machined square to the axis of the shaft with the maximum permissible axial misalignment of the threaded axis with the shaft axis 0.002 inch in 6 inch. Line shaft sections shall not exceed 8 feet in length. Steel line shaft couplings with a safety factor of 1.5 times shaft safety shall join the line shaft. These threaded coupling shall have left-hand thread to tighten during pump operation. The size of the shaft shall be no less than determined by ANSI/AWWA</p>	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	<p>-Floway to offer NSF certified line shaft material as 416 SS</p>

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	<p>specification E101, Section A 4.15 line shaft selection and shall be such that elongation due to hydraulic thrust will not exceed the axial clearance of the impellers in the pump bowls. Maximum runout in 10 feet shall not exceed 0.005 inches. A two piece top shaft shall be provided and coupled just above the stuffing box. The bowl shaft and the line shaft shall be the same diameter.</p> <p>3. Line shaft lubrication shall be by water.</p> <p>4. The shaft seal shall utilize a minimum of five 100% pure graphite packing rings installed in the stuffing box with a lantern ring. Graphite packing shall be Slade 3300G flushless packing. A bypass port and SS line shall be provided with a pressure relief valve and return line to reduce pressure within the stuffing box. Pressure relief valve shall be field adjustable.</p> <p>5. The line shaft bearing shall be rubber with 70 minimum shore hardness, internally spiral-grooved to flush out sand and other abrasives and mounted in either ductile iron A536 or bronze bearing retainers at each joint for open line shaft. Bearing spacing shall not exceed 8 feet.</p> <p>C. Discharge Head</p> <p>1. The discharge head shall be the manufacturer's fabricated steel. Fabricated steel discharge head shall be reinforced to withstand pipe thrust, lined with a fusion bonded epoxy and shall include flange and base plate. Discharge head shall be heat stress relieved after fabrication. It shall have a 1/2" NPT connection for a pressure gauge.</p> <p>Motors</p> <p>A. In general, all motors shall be premium efficiency and furnished with the driven equipment. The requirements of all other sections of the specifications are equally applicable to the work to be performed under this section. Motors and controls are specified in this and other divisions of the specifications. In the event of conflicts, the more restrictive specifications shall apply.</p>	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	
6.0		KK	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	<p>B. Submittals: Complete motor data shall be submitted and include the following data:</p> <ol style="list-style-type: none"> 1. Motor Manufacturer 2. Motor type or Model and Dimension Drawing to Include Motor Weight 3. Nominal Horsepower 4. NEMA Design 5. Enclosure 6. Frame Size 7. Winding Insulation Class and Treatment 8. Rated Ambient Temperature 9. Service Factor 10. Voltage, Phase, and Frequency Ratings 11. Full Load Current at Rated Horsepower for Application Voltage 12. Starting Code Letter, or Locked KVA, or Current 13. Special Winding Configuration 14. Rated Full Load Speed 15. Starting Torque 16. Full Load Torque 17. Breakdown Torque 18. Rated Temperature Rise at Rated Horsepower 19. Full Load Current at Rated Voltage 20. Current at No Load on Shaft at Rated Voltage 21. Connection Diagram 22. Superimposed Load Speed Torque Curve Over Motor Speed Torque Curve 23. Recommended Spare Parts List Priced <p>C. Warranty: The motor shall be warranted by the manufacturer for a minimum of two (2) years from the date of final acceptance.</p> <p>D. Service Conditions: All equipment shall be designed and built for industrial service and be capable of operating successfully under the following applicable conditions.</p> <ol style="list-style-type: none"> 1. 104°F maximum ambient temperature 2. Voltage variations to $\pm 10\%$ of nameplate rating 3. Frequency variations to $\pm 5\%$ of nameplate rating 	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	<p>4. Combined voltage and frequency variations to $\pm 10\%$ total, as long as frequency does not exceed $\pm 5\%$</p> <p>5. 3,300 foot maximum altitude msl</p>	KK	
	<p>E. Electric Motors: Electric motor driven pumps shall be premium efficiency with solid shaft electric motor, design B, high thrust, squirrel cage, induction type having NEMA weather protected type I enclosure unless otherwise specified. Motor shall utilize adjustable spacer couplings. Motor shall be suitable electrically and mechanically to efficiently and effectively drive the pump.</p>	KK	
	<p>1. Unless specified otherwise, all materials, workmanship, and tests shall conform with the applicable specifications to NEMA, IEEE, ASA, and AFBMA.</p>	KK	
	<p>2. Motor frame shall be steel or cast iron, aluminum shall not be permitted.</p>	KK	
	<p>3. Motors shall be rated for operation at 480 VAC, 3 phase, 60 hertz, service factor of 1.15 or greater. Motors shall provide the minimum horsepower at the maximum rpm.</p>	KK	
	<p>4. Motors shall be rated for premium efficiency. Rated efficiencies shall be based on NEMA standards MG1-12.536 or standards imposed by the local electric utility, whichever is more restrictive.</p>	KK	
	<p>5. Motors shall be capable of full load operation with voltage variations of $\pm 10\%$ and frequency variations of $\pm 5\%$.</p>	KK	
	<p>6. Motor starting current shall not exceed 650% of motor full load current.</p>	KK	
	<p>7. Insulation System: All motors shall be provided with Class "H" insulation systems except that motor lead insulation may be Class "B" or better. Completed windings, when tested in accordance with IEEE #57 shall show a thermal rating not less than 150 degrees for 30,000 hours of life.</p>	KK	
	<p>8. Windings shall be held firmly in stator slots to</p>	KK	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	<p>prevent coil shift. Stator windings shall be of high conductivity copper magnet wire. Completed stator windings shall be provided with a properly cured, uniform impregnation for mechanical rigidity, moisture resistance, and protection against winding failure from accumulation of foreign conductive matter. The completed insulation system shall be capable of withstanding phase to ground rms voltage of 480 volts continuous and 2300 volts instantaneous.</p> <p>9. Rated temperature rise above 40°C (104°F) ambient temperature, at service factor load of 1.15 shall not exceed 90°C.</p> <p>10. Motor shall be rated NEMA locked rotor Code G or better.</p> <p>11. Motors shall be dynamically balanced to a maximum of .001 inches peak to peak amplitude.</p> <p>12. Motors shall be equipped with anti-friction type thrust and guide bearings. Angular contact thrust bearings shall be used. Bearings shall be of sufficient capacity to withstand all static and dynamic thrust loads, both momentary and continuous, imposed by the pump. Bearings shall provide a minimum 3-year life based on continuous design thrust loads.</p> <p>13. Motor thrust bearings shall be oil lubricated. Oil lubrication systems shall provide optimum lubrication of bearings. Oil lubricated motors shall have visual level indicators and accessible fill and drain plugs.</p> <p>14. Motors shall be equipped with non-reverse mechanisms which shall limit maximum reversal to 10° of rotation.</p> <p>15. Motors shall be equipped with fabricated steel conduit boxes. The box shall be sized for two 250 MCM AWG conductors per phase and two #4 AWG ground conductors with stress cone terminations for main motor leads. Separate accessory terminal boxes shall be provided for space heater and temperature</p>	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	sensors.		
	16. Motor Nameplates shall include Manufacturer name, serial number, rated horsepower, service factor, frequency, phase, load voltage, full load amps, full load speed, design designation, locked rotor current and/or designation, insulation class, temperature rise, maximum ambient temperature, NEMA efficiency, and full load power factor, time rating, model#, bearing identification, frame size, thermal protection, nominal and guaranteed efficiency.	KK	
	17. Motors shall be as manufactured by General Electric Company or US Motors.	KK	
	18. Motors shall be equipped with a 120 volt, single phase space heater unless otherwise shown. The space heater shall maintain a motor temperature that is 15°F above ambient temperature when the motor is not operating. Space heater leads shall be brought out to a separate auxiliary terminal box.	KK	
	19. Motors shall be equipped with two 100 OHM platinum winding RTDs per phase. Upper and lower bearing case shall be equipped with 100 OHM platinum RTDs. RTD wiring shall be brought out to a separate auxiliary terminal box.	KK	
	Spare Parts		
7.0	A. The pumps shall be provided with the following spare parts for each pump:	KK	
	One spare set of packing and packing puller.	KK	
	Manufacturers		
8.0	A. The pump shall be manufactured by Flowserve, Peerless, Goulds, Fairbanks-Morse, or approved equal.*	KK	
	*Equal to be determined by evaluation of City personnel. Those submitting an alternate for evaluation must include documentation with bid submission sufficient to support such a determination. Due to time constraints, bidders quoting an alternate may not be contacted to request	KK	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	additional documentation.		
9.0	<p>Vibration Analysis & Testing</p> <p>Equipment shall be designed and constructed such that the natural frequency of the drive train is avoided by a minimum of 25% throughout the entire operating range. The analysis shall be performed by a specialist experienced in this type of work and approved by the City. The specialist shall also visit the project site during startup and testing of the equipment, to analyze and measure the amount of equipment vibration, certify that the operating frequency avoids the natural frequency by 25%, and make the written recommendation for keeping the vibration at a safe limit.</p>	KK	
10.0	<p>Factory Testing</p> <p>A. Pump Systems – All centrifugal pump systems shall be testing at the pump factory in accordance with the American National Standard for Centrifugal Pump Tests (ANSI/HI 1.6) Level 1U, the American National Standard for Vertical Pump Tests (ANSI/HI 2.6) Level 1U, or the American National Standard for Submersible Pump Tests (ANSI/HI 11.6) Level 1U as approved by ANSI and published by the Hydraulic Institute. Tests shall be performed using the actual bowl assembly and calibrated motor. The following minimum test data shall be submitted:</p> <ol style="list-style-type: none"> 1. Hydrostatic test data 2. Performance test data, including a minimum of five hydraulic test readings between shutoff head and 25% beyond the maximum indicated capacity, recorded on data sheets as defined by the Hydraulic Institute 3. Certified pump curves showing head, flow, efficiency, and break horsepower requirements 4. Vibration test data <p>B. Acceptance – In the event of the failure of the pump to meet any of the requirements, the pump manufacturer shall make all necessary modifications, repairs, or replacements to conform to the requirements of the Contract Documents and the pump shall be retested at no</p>	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
11.0	additional cost to the City until the results are found satisfactory.		
	C. Shop Tests for Assembled Motors – Each polyphase motor shall be given a routine test to determine that it is free from electrical or mechanical defects and provide assurance that it meets specifications. The routine test shall conform to NEMA MG 1, parts 12-55.	KK	
	Services of the Manufacturer/Supplier		
	A. An authorized service representative of the manufacturer shall visit the project site to witness the following and to certify in writing that the equipment and controls have been properly installed, aligned, lubricated, adjusted, and readied for operation:	KK	-Included in scope of supply. Our authorized rep, Triangle Pumps & Equipment, will be providing these services.
	1. Installation of the equipment	KK	
	2. Inspection, checking and adjusting the equipment	KK	
	3. Startup and field testing for proper operation	KK	
	4. Performing field adjustments to ensure that the equipment installation and operation comply with requirements	KK	
	5. Monitor and record vibration levels, with key City personnel in attendance, and provide a computerized report	KK	
	B. An authorized training representative of the manufacturer shall visit the project site to instruct the City's personnel in the operation and maintenance of the equipment, including step-by-step troubleshoot with necessary test equipment. Instruction shall be specific to the models of equipment provided.	KK	
	1. The representative shall have at least two years' experience in training for operation and maintenance of pumps similar to the one specified herein.	KK	
	2. Training shall be scheduled a minimum of three weeks in advance of the first session.	KK	
	3. Proposed training material and a detailed outline of each lesson shall be submitted for review. Comments shall be incorporated into the material.	KK	

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	<p>4. The training materials shall remain with the trainees.</p> <p>5. The City may videotape the training for later use with other City personnel.</p> <p>6. Training shall be a ½ person day.</p> <p>C. For the purposes of this bid, a 'person day' is defined as an eight hour period on-site, excluding travel time.</p> <p>D. The City may require that the inspection, startup, and field adjustment services above be furnished in three separate trips.</p>	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	
12.0	Documents		
12.1	BID DOCUMENTATION		
	<p>A. Shop drawings and supporting documentation indicating:</p> <p>1. Pump name and identification number.</p> <p>2. Make, model, weight, voltage, full load amps, and horsepower of each assembly.</p> <p>3. Complete catalog information, descriptive literature, specifications, and identification of material of construction, including cable seal details.</p> <p>4. Performance data curves showing head, capacity, horsepower demand, NPSH required, and pump efficiency over the entire operating range of the pump. The pump manufacturer shall indicate separately the head, capacity, horsepower demand, overall efficiency, and minimum submergence required at the design flow conditions and the maximum and minimum flow conditions.</p> <p>5. The limits on the performance curves recommended for stable operation without surge, cavitation, or excessive vibration.</p> <p>6. Power and control wiring diagrams, including terminals and numbers.</p>	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	

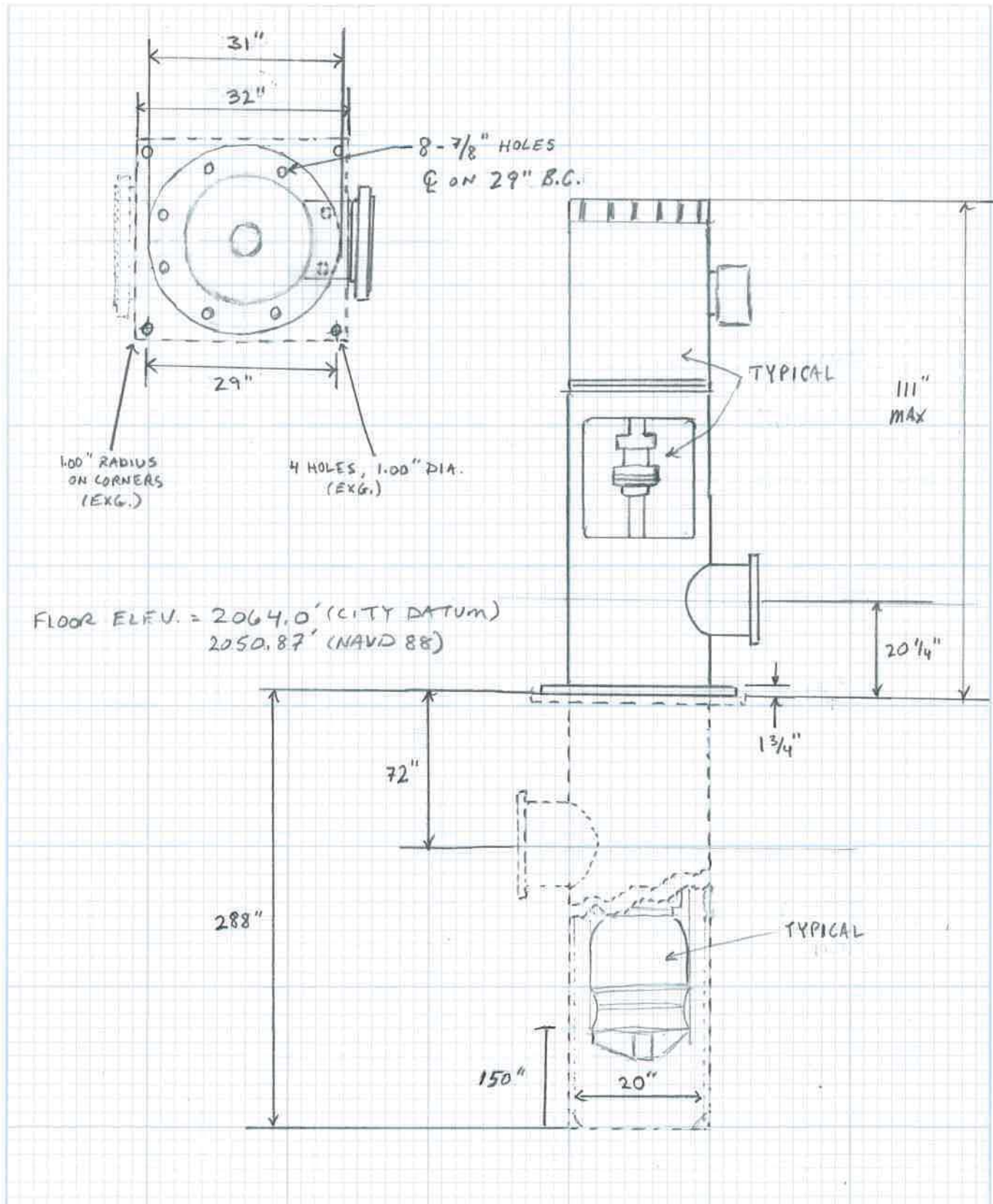
	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
	<p>7. Assembly and installation drawings including shaft size, seal, coupling, bearings, anchor bolt plan, part nomenclature, material list, outline dimensions, and shipping weights. Include plan and profile views where applicable.</p> <p>8. Suggested spare parts list to maintain equipment in service for period of one (1) year. Include list of special tools required for checking, testing, parts replacement, and maintenance with current price information.</p> <p>9. List special tools, materials, and supplies furnished with equipment for use prior to and during startup and future maintenance.</p> <p>10. Complete motor nameplate data as defined by NEMA, motor manufacturer, and any motor modifications.</p> <p>11. Torsional analysis for complete rotating assembly. Analysis report shall include the specific items of API 610, Part 2.8m Dynamics.</p> <p>12. Lateral vibration analysis for discharge head motor assembly and for column pipe bowl assembly.</p> <p>13. Seismic analysis for discharge head, equipment support and anchors, and column pipe bowl assembly.</p> <p>14. Pump maximum down thrust and up thrust in pounds.</p> <p>B. Operation and Maintenance Manual containing the required information for each pump section. Include a complete set of plans.</p> <p>C. A spare parts list containing the required information for each section.</p> <p><u>With the bid, a statement guaranteeing the performance and efficiency shall be attached.</u></p>	<p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p> <p>KK</p>	<p>-With Submittal.</p> <p>-No special tools required.</p> <p>-With submittal.</p> <p>-With submittal.</p> <p>-With submittal</p> <p>-With submittal.</p> <p>-O&M with shipment.</p>
12.2	AFTER AWARD		

	SPECIFICATION	INITIAL	EXCEPTION, IF ANY
12.3	<p>After the award, manufacturing schedules, material and parts used, and other details shall be submitted for approval by the engineer.</p> <p>BEFORE SHIPPING</p> <p>Signed, dated, and certified factory test data for each pump system which requires testing shall be submitted for approval and authorization before shipment of equipment. If the efficiencies are lower than guaranteed, pump will not be accepted.</p> <p>Final documentation shall include – TECHNICAL DIRECTIONS FOR INSTALLATION, TROUBLE SHOOTING, OPERATION and MAINTENANCE. Documentation shall be provided in duplicate, printed and CD formats.</p>	<p>KK</p> <p>KK</p> <p>KK</p>	
12.4	<p>AFTER INSTALLATION</p> <p>A. Certifications</p> <p>1. Manufacturer's written certification of proper installation and certification of satisfactory field testing.</p>	<p>KK</p> <p>KK</p>	
13.0	<p>Order Shipment</p> <p>A. All equipment shall be boxed, crated, or otherwise protected from damage and moisture during shipment, handling and storage. All equipment shall be protected from exposure to corrosion and shall be kept thoroughly dry at all times.</p> <p>B. Each item of equipment shipped shall have a legible identifying mark corresponding to the equipment number shown or specified for the particular item.</p>	<p>KK</p> <p>KK</p>	

SECTION IV. BID PREPARATION AND EVALUATION

Bid #4386-17

8/21/17



CITY OF SPOKANE
WATER DEPARTMENT
914 E. NORTH FOOTHILLS DR
SPOKANE, WA 99207-2794
(509) 625-7800
FAX (509) 625-7816



PROJECT NAME THORPE BS PUMP #1 - DIMENSIONS

PROJECT No. _____

CALC. BY BURNS

DATE 3/28/2017

CHECKED BY _____

DATE _____

REVISIONS _____

DATE _____

SCALE N/A

SHEET 1

OF _____

1. PREPARATION OF BIDS

All bids shall be typed or printed in ink, prepared on the form furnished by the Purchaser and signed by an authorized person of Bidder's firm. **Use recycled paper and both sides of paper sheets whenever practicable.** If errors are made, they may be crossed out. Corrections shall be printed in ink or typewritten adjacent and initialed in ink by the person signing the bid. IF THE BIDS CONTAIN ANY OMISSION, ERASURES, ALTERATIONS, ADDITIONS, OR ITEMS NOT CALLED FOR IN THE PROPOSAL, OR CONTAIN IRREGULARITIES OF ANY KIND, IT MAY CONSTITUTE SUFFICIENT CAUSE FOR REJECTION.

2. PREPARATION OF ENVELOPES

Place all copies of the bid in one sealed envelope. On the front of the envelope, place the following information:

"SEALED BID - IMPORTANT"

**BID #4386-17 THORPE ROAD BOOSTER STATION VERTICAL TURBINE PUMP
MONDAY, AUGUST 21, 2017 1:00PM
COMPANY NAME**

3. SUBMISSION OF BIDS

Submit two (2) copies of the bid, as follows:

Original paper bid and one (1) reproducible digital copy (CD or Thumb Drive) to:

**City of Spokane Purchasing
4th Floor - City Hall
808 West Spokane Falls Blvd.
Spokane, WA 99201-3316**

Note: Proposals will not be accepted by fax or email.

The Purchaser is not responsible for bids delivered late. It is the responsibility of the Bidder to be sure the bids are sent sufficiently ahead of time to be received **no later than 1:00 PM** on the opening date.

The City of Spokane City Hall is a secured building, so allow enough time to get through security when delivering a bid.

Sealed bids will be opened at 1:15 p.m., Monday, August 21, 2017 in the Civil Service Testing Room, 4th Floor City Hall, 808 West Spokane Falls Boulevard, Spokane, Washington 99201.

4. INTERPRETATION

If the Bidder discovers any errors, discrepancies or omissions in the bid specifications, or has any questions about the specifications, the Bidder must notify City of Spokane Purchasing in writing. Any addenda issued by the Purchaser will be incorporated into the contract or purchase order.

5. WITHDRAWAL OF BIDS

Bidders may make written request to City of Spokane Purchasing for withdrawal of a sealed bid

Bid #4386-17

8/21/17

prior to the scheduled bid opening. Unless otherwise specified, no bids may be withdrawn for a minimum of thirty (30) calendar days after the opening date.

6. EVALUATION OF BIDS

Evaluation of bids shall be based upon the following criteria, where applicable:

- The price, including sales tax and the effect of discounts. Price may be determined by life cycle costing or total cost bidding, when advantageous to the Purchaser.
- The quality of the items bid, their conformity to specifications and the purpose for which they are required.
- The Bidder's ability to provide prompt and efficient service and/or delivery.
- The character, integrity, reputation, judgment, experience and efficiency of the Bidder.
- The quality of performance of previous contracts or services.
- The previous and existing compliance by the Bidder with the laws relating to the contract or services.
- Uniformity or interchangeability.
- The energy efficiency of the product throughout its life.
- Any other information having a bearing on the decision to award the contract.

7. BIDDING ERRORS

When, after the opening and tabulation of bids, a Bidder claims error, and requests to be relieved of award, he will be required to promptly present certified work sheets. The Purchaser will review the work sheets and if the Purchaser is convinced, by clear and convincing evidence, that an honest, mathematically excusable error or critical omission of costs has been made, the Bidder may be relieved of his bid.

8. BIDDER PREQUALIFICATION

Prior to award of contract or purchase, Bidders shall be required to submit evidence of sufficient facilities, equipment, experience and financial ability to insure completion of the work, unless waived by the Purchaser.

9. REJECTION OF BIDS

The Purchaser reserves the right to reject any or all bids; to waive minor deviations from the specifications, to waive any informality in bids received, whenever it is in the Purchaser's best interest, and to accept or reject all or part of this bid at prices shown.

10. AWARD OF CONTRACT

Award of contract or purchase, when made, will be to the Bidder whose bid is the most favorable to the Purchaser, taking into consideration price and the other evaluation factors. STATE CONTRACTS WHERE APPLICABLE WILL BE CONSIDERED AS A BID. The City Council shall

make the award of contract or purchase. Unsuccessful Bidders will not automatically be notified of bid results.

SECTION IV. GENERAL TERMS AND CONDITIONS

1. DEFINITIONS

- A. Bidder - one who submits a bid.
- B. Supplier - Bidder to whom contract or purchase order is awarded.
- C. Purchaser - City of Spokane and other government agencies (Pursuant to RCW 39.34).
- D. Destination-Delivery - Delivery to Purchaser's building location and includes uncrating and installation.
- E. Until Further Notice - Any time in excess of sixty (60) days from date of opening.
- F. Cost - Total cost of ownership based on the best available information.

2. DELIVERY DEFAULT.

The acceptance of late performance by the Purchaser shall not waive the right to claim damage for such breach nor constitute a waiver of the requirements for the timely performance of any obligations remaining to be performed by Supplier.

3. DELIVERY DELAY.

In the event of delivery delay beyond the date specified in the bid, the Purchaser shall assess, as liquidated damages \$0.00 per day per unit beyond the completion date specified. The Purchaser shall have the right to deduct and retain the amount of such liquidated damages from any monies due or which may become due the Supplier or to initiate legal proceedings for the collection of same.

SECTION V. STANDARD TERMS AND CONDITIONS

1. PATENTS, TRADEMARKS AND COPYRIGHTS

The Supplier warrants the items to be furnished do not infringe any patent, registered trademark or copyright, and agrees to hold Purchaser harmless in the event of any infringement or claim thereof.

2. TITLE

The Supplier warrants that the items to be furnished are free and clear of all liens and encumbrances and that the Supplier has good and marketable title to same.

3. COMPLIANCE WITH LAWS

The Supplier shall comply with all applicable federal, state and local laws, rules, and regulations, affecting its performance and hold the Purchaser harmless against any claims arising from the violation thereof.

4. CONTRACT DISPUTES

Any contract agreement shall be performed under the laws of the State of Washington. Any litigation to enforce such agreement or any of its provisions shall be brought in Spokane County, Washington.

5. OVERCHARGES

The Supplier assigns to the Purchaser any claims for anti-trust violations or overcharges relating to items purchased in filling the Purchaser's orders. The Supplier warrants that its suppliers will also assign any such claims.

6. WARRANTIES

The Supplier warrants that the items furnished will conform to its description and any applicable specifications, shall be of good merchantable quality and fit for the known purpose for which sold. This warranty is in addition to any standard warranty or service guarantee by Supplier to the Purchaser.

7. UNIFORM COMMERCIAL CODE

The Uniform Commercial Code (UCC), as effective in Washington State, RCW Title 62A, shall determine the rights and duties of the Supplier and the Purchaser.

8. NON-DISCRIMINATION

No individual shall be excluded from participation in, denied the benefit of, subjected to discrimination under, or denied employment in the administration of or in connection with this Contract because of age, sex, race, color, religion, creed, marital status, familial status, sexual orientation including gender expression or gender identity, national origin, honorably discharged veteran or military status, the presence of any sensory, mental or physical disability, or use of a service animal by a person with disabilities. The Contractor agrees to comply with, and to require that all subcontractors comply with, Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act, as applicable to the Contractor.

9. SAVE HARMLESS

Supplier shall protect, indemnify and save the Purchaser harmless from and against any damage, cost or liability for any injuries to persons or property arising from acts or omissions of Supplier, his employees, agents or sub-contractors, howsoever caused.

10. TAXES

- FEDERAL. The Purchaser is exempt from federal excise taxes. Exemption certificates will be furnished on request.
- SALES TAX. The City of Spokane is required to pay Washington State Sales/Use Tax on all purchases. All bidders whether inside or outside the State of Washington shall show the tax rate applicable to this bid. All taxes payable by the City of Spokane as a result of this contract are considered a part of the bid evaluation. Washington State Sales Tax is payable by the City of Spokane direct to the State of Washington on awards made to out-of-state suppliers who do not have a Washington State Sales Tax Number. If you have any questions concerning the appropriate rate, contact the Washington State Department of Revenue (509) 482-3800.

- Business, occupational and personal property taxes are the responsibility of the Supplier.

11. BRAND NAME "OR EQUAL"

Brand names and numbers, when used, are for the purpose of indicating the desired quality, performance or use. Suppliers may offer other brands of comparable or better quality, performance and use. Descriptive literature shall also be submitted, when available. Any bid containing a brand which is not of equal quality, performance or use, must be represented **as an alternate and not as an equal**.

12. QUANTITIES

Quantities, when used, are estimates only and are given for the purpose of comparing bids on a uniform basis. Quantities shall be bid on a more or less basis. Payment will be made only for quantities actually ordered, delivered and accepted, whether greater or less than the stated amounts.

13. ASSIGNMENTS

The provisions or monies due under the contract or purchase order shall be assignable only with the prior consent of City Purchasing.

14. CHANGES

No alteration in any of the terms, conditions, delivery, price, quality or specifications of items ordered will be effective without the written consent of City Purchasing.

15. DEFAULT

The Supplier agrees that if a law suit is instituted by the Purchaser for any default on the part of the Supplier, and the Supplier is adjudged to be in default, he/she shall pay to the Purchaser all costs and expenses, expended or incurred by the Purchaser in connection therewith, and reasonable attorney's fees. Venue shall be in the County of Spokane, Washington.

16. REJECTION

All items purchased herein are subject to approval by the Purchaser. Any rejection of items resulting because of non-conformity to the terms or specifications of this order whether held by the Purchaser or returned, will be at the Supplier's risk and expense.

17. TERMINATION

In event of a breach by Supplier of any of the provisions of this order, Purchaser reserves the right to terminate upon immediate oral or written notification to the Supplier. Supplier shall be liable for damages suffered by the Purchaser resulting from Supplier's breach of contract.

18. MINORITY BUSINESS OPPORTUNITIES

Purchaser actively solicits the participation of certified minority business enterprises in the bidding of any and all goods or services.

19. FREIGHT TERMS

- **FREIGHT/SHIPPING IS THE RESPONSIBILITY OF THE WINNING SUPPLIER.**
- Risk of Loss. Regardless of F.O.B. point, Supplier agrees to bear all risks of loss, injury or destruction of items ordered herein which occur prior to delivery; such loss, injury or destruction shall not release Supplier from any obligation hereunder.

20. SUPPLIER'S COOPERATION

The Supplier shall communicate with City of Spokane Purchasing and shall actively cooperate in all matters pertaining to this contract or purchase in any way City of Spokane Purchasing may direct to the end that the Purchaser shall receive efficient and satisfactory service.

21. PCB CERTIFICATION

In accordance with SMC 7.06.172(A), the Bidder certifies that the products bid and to be supplied (to include product packaging) do not contain polychlorinated biphenyls (PCB's). Moreover and consistent with SMC 7.06.172(B), the City of Spokane, at its sole discretion, may require (at no cost to the City) the apparent successful bidder to provide testing data (prior to contract execution or issue of purchase order) from an accredited laboratory or testing facility documenting the proposed products and or product packaging polychlorinated biphenyl levels.

	Yes	No	Don't Know
As far as you know has this type product been tested for PCBs by a WA State accredited lab using EPA Method 1668c (or equivalent as updated)?			
If so were PCBs found at a measureable level?			
As far as you know has this actual product been tested for PCBs by a WA State accredited lab using EPA Method 1668 (or equivalent as updated)?			
If so attach the results or note from whom the results can be obtained.			
Do you have reason to believe the product contains measureable levels of PCBs?			
Do you have reason to believe the product packaging contains measureable levels of PCBs?			

******Pump material contains No PCB. All pump material & coating are NSF 61 approved and safe for potable water application. ******

Weir Floway - Fresno Main Office



17 Aug 2017

Quotation number: 689981
Revision: 00

City of Spokane / Triangle Pump & Equipment, Inc.

Project: Thorpe Road Booster Station
Your reference:

We thank you for your above referenced inquiry, and are pleased to submit our quotation for your consideration.

The following is a firm price summary for this quotation. Please see item specific pages for more details.

Item number	Service	Size	Unit Price	Unit Freight	Qty	Extended Price
001	Potable Water	16JKH/M 9 stage Product lube - Barrel Pump	\$ -----	\$ -----	1	\$ -----
Grand Total						\$ -----

COMMENTS: Our quote was prepared with the following specifications:

- 4386-17 Thorpe Road Booster Station Vertical Turbine Pump - 080717

Please note: Any requirements not outlined in the referenced sections above will not be the responsibility of Floway.

Is EPA AIS (American Iron & Steel) or Buy American compliance required?

Our quote does not include:

- Oil or Grease
- Gauges or Valves
- Anchor Bolts
- Sole Plates
- Assembly

Pump comments:

- Section III.5.A – Floway to offer Carboguard 891 as NSF approved coating.
- Section III.5.B – Floway to offer NSF certified line shaft material as 416 SS
- Section III.11.A – Included in scope of supply. Our authorized rep, Triangle Pump & Equipment, will be providing these services.

SHIPMENT AND FREIGHT TERMS: Shipment is quoted with freight term: Per the freight term listed in the Comments and Clarifications Section. Partial shipment allowed. Shipment & invoicing will occur upon shipment of equipment. Shipment schedules are based on factory loading at time of order. Should shipment be postponed due to project or site delays Weir Floway will invoice and hold the shipment. Shipment delays exceeding 30 days from the completed date may be subject to reasonable storage charges.

LEADTIME: Submittal will be approximately ~~8~~^{dwf} weeks after order receipt, contingent upon order acceptance within 10 business days of receipt. Orders will be accepted subject to buyer's credit approval and subject to Weir Floway, Inc.'s Terms and Conditions of Sale. We have quoted 190 days total from receipt of order.

Shipment lead time will be approximately ~~22~~^{dwf} weeks after written release to manufacture. Shipment lead times are an estimate at time of quotation and subject to change based on quote validity.

ADDITIONAL INFORMATION

Triangle Pump & Equipment, Inc. is an Authorized service and repair facility for Weir-Floway.

Our nearest shop for repair is located in Ridgefield, WA., where we frequently repair Vertical Turbine Pumps. A letter can be supplied by Weir-Floway stating we are an authorized repair facility and will make any needed repairs if needed.

Triangle Service Center Location:

Triangle Pump & Equipment, Inc.
7509 South 5th Street
Ridgefield, WA 98642

Triangle has been in business selling Vertical Turbine Pumps for 42 years in the Pacific NW. We have many pumps in this HP range and much larger operating successfully for many years in the region.

SCOPE OF SUPPLY: Please note any requirements not outlined in the referenced specification sections as noted on the cover page of this quotation will not be the responsibility of Weir Floway. Any separate specifications made reference to within the noted specifications, whether in part or whole, will not be considered in this quotation.

SPECIFICATIONS: The following specifications were received with the inquiry and reviewed in the preparation of our proposal. No other specifications, documents or contracts apply.

VALIDITY: Through 11-19-2017.

Startup: Included by Triangle Pump & Equipment, Inc. - Weir-Floway Representative.

We hope you find our quotation in line with your requirements. However, if you have any questions, please do not hesitate to contact us.

Sincerely,
Kasey Kokka
Weir Floway - Fresno Main Office

CC: Brant Williams



Customer: TRIANGLE PUMP & EQUIP. CO.
Reference:

Customer Technical Offer
 Weir Floway Inc. SCORE 17.3.3.0

Item number	001	Size / Stages	16JKH / 9
Quote number	689981	Pump speed	1180 rpm
Overall Pump Length	24.00 ft	Condition Point	2,125.0 USgpm □ 467.0 ft TDH

Pump

Qty	Description
1	<p>Units - 16JKH/M 9 stage Product lube - Barrel Pump, NSF 61/372</p> <p>Pump selection criteria</p> <p>Speed operation: Constant speed operation</p> <p>Lubrication type</p> <p>Lubrication type: Product lube</p> <p>owl Assembly □ Stage</p> <p>Bowl size: 16JKH bowl assembly - 9 stage</p> <p>Bowl Materials: Cast iron (ASTM A48 cl 30-enamel lined)</p> <p>Bowl connection type: Flanged</p> <p>Bowl Bolting Material: 304SS (ASTM F593 Gr CW1), Floway material code - 106</p> <p>ear rings</p> <p>Wear rings: Wear rings - Bowl only</p> <p>Bowl wear ring material: Bowl wear ring material - aluminum-bronze ASTM B505-91 Alloy 954</p> <p>Bowl bearing material: Bismuth tin bronze (UNS C89835)</p> <p>Impeller material: Aluminum bronze (ASTM C95200)</p> <p>Impeller Balance: Dynamic balanced impellers to ISO 1940 G6.3</p> <p>Keyed impellers: Double keyed impellers</p> <p>Bowl Shaft Size: 2.25□(Standard)</p> <p>Bowl Shaft Material: 416SS (ASTM A582-88a Type 416)</p> <p>Suction type bearing: Bismuth tin bronze(UNS C89835)</p> <p>Sand collar material: 416 SS sand collar</p> <p>Bowl assembly type: Bowls fully assembled</p> <p>Column assembly □1.□□□ x 12 in. □Threaded</p> <p>Column</p> <p>Column Size: Column 12□- (0- 20' and 0- 10' and 1- 5' and 1 - 6.82' Top)</p> <p>Column pipe material: Column pipe ASTM A53 Gr. B rolled and welded steel</p> <p>Column pipe schedule: Schedule 40 .406□wall thickness</p> <p>Column Connection Type: Threaded</p> <p>Bearing Retainer material: Ductile iron (ASTM A536-84 Gr 60-40-18)</p> <p>Lineshaft</p> <p>Lineshaft Size: Lineshaft 1.9375□</p> <p>Lineshaft Material: 416SS lineshaft (ASTM A582-88a Type 416)</p> <p>Lineshaft Coupling Material: 416SS lineshaft coupling (UNS S41600)</p> <p>Line shaft bearing material: Styrene Butadiene Rubber(SBR) (Qty 1 per pump)</p> <p>Discharge head assembly □12x20x20 □F□Discharge head</p> <p>Discharge head material: Discharge head material - Steel (A36 plt, A105 flg, A53-Gr B pipe)</p> <p>Stress relieve discharge head welds: Stress relieve discharge head welds</p> <p>Discharge Head Size: 12x20x20 □VF□Discharge head</p> <p>Discharge size: 12□discharge</p> <p>Discharge Connection Type/Rating: 150□flange (Stl. std.)</p> <p>Shaft sealing arrangement: High pressure stuffing box</p> <p>Top Line Shaft Straightness: Floway Standard</p> <p>Stuffing box / Seal housing bearing material: Bismuth tin bronze stuffing box bearing (UNS C89835)</p>



Pump

Qty	Description
	Head shaft couplings: Type CPAT flanged adjustable non-spacer coupling
	Coupling guard material / construction: Aluminum
	Protective coatings
	Protective coating - Discharge head: Fusion bonded epoxy, Scotchkote 134 - Disch. head - interior only
	Protective coating - Column: Carboguard 891 epoxy coating - Column (interior and exterior) bearing retainer (exterior)
	Protective coating - Bowl assembly: Carboguard 891 epoxy coating - Bowls, exterior only
	Assembly type Unit
	Assembly type - Unit: Factory assembled (bowl, head, and column only) shipped assembled
	Start up Overage
	Start-up options
	Start up by Distributor/Manufacturer's Rep: Triangle Pumps & Equipment
	WA State Tax - 8.8%
	Packaging and Shipping
	Packaging options
	Domestic packaging

Testing

Qty	Description
1	Testing and Inspection options
	Performance Testing
	Factory performance test acceptance criteria for rated condition per: ANSI/HI 14.6 grade 1U (Floway standard)
	Performance test options: Bowl assembly performance test - 1 units
	Performance test witnessing: Non-witnessed
	Miscellaneous testing options
	Vibration amplitude test (for reference only) - 1 units
	Miscellaneous test witnessing: Non-witnessed
	Hydro testing
	Hydrotest - Bowl Assembly options: Non witnessed hydrotest - bowl (pressure containing components) - 1 units
	Hydrotest - Discharge Head options: Non witnessed hydrotest - discharge head - 1 units
	Hydrotest - Suction barrel options: Non witnessed hydrotest - suction barrel - 1 units
	Inspection and Analysis
	Analysis
	Seismic analysis of anchorage and joints
	Torsional rotordynamic analysis, stamped by Floway P.E. - 1 units
	Lateral and torsional rotordynamic analysis, stamped by Floway P.E. - 1 units
	Structural natural frequency analysis (head/motor only), stamped by Floway P.E. - 1 units
	3rd party on site vibration analysis also included.

Spare Parts

Qty	Description
1	Spare parts
	Spare parts: Spare parts
	Spare Packing - Qty (1) only
	Spare Packing Puller - Qty (1) only



Driver

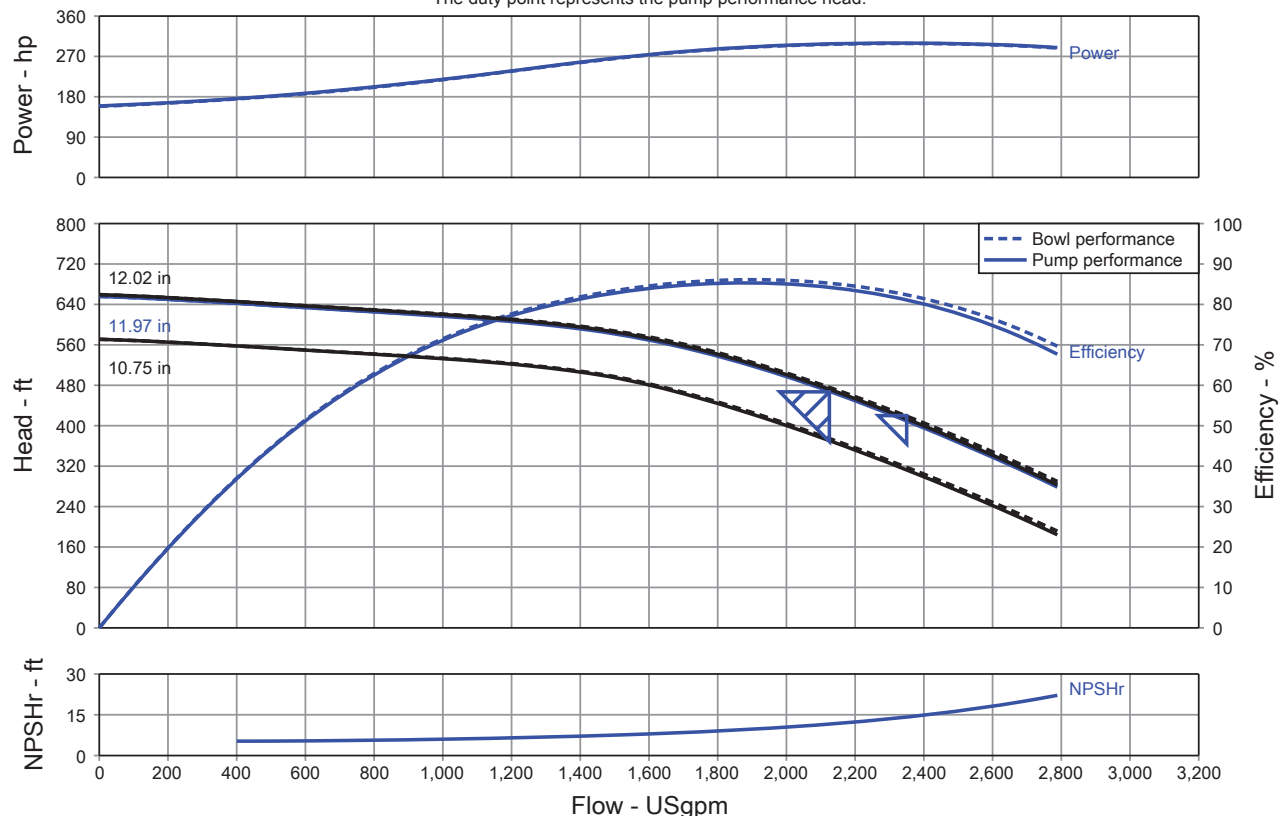
Qty	Description
1	<p>Testing and Inspection options</p> <p>Performance Testing</p> <p>Third Party Vibration Testing</p> <p>Driver</p> <p>Driver type: Driver type - Motor</p> <p>Electric motor driver</p> <p>GE 300HP 460v/3ph/60hz 1200 RPM WPI</p> <p>Driver shipping options: Motor NOT to be shipped to Floway factory</p>

Pump Performance Datasheet

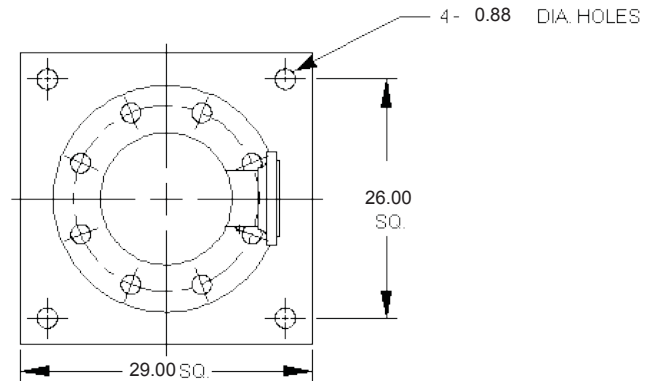
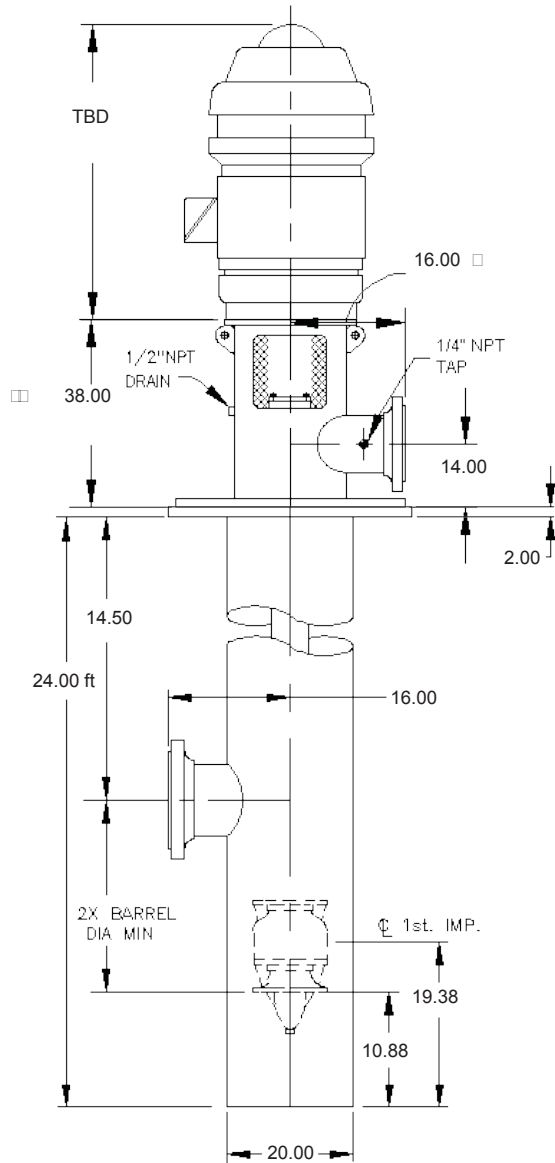
Customer	: TRIANGLE PUMP & EQUIP. CO.	Quote number	: 689981
Customer reference	:	Size	: 16JKH/M
Item number	: 001	Stages	: 9 (6 / 3xM)
Service	: Potable Water	Based on curve number	: P16JKH 1180
Quantity	: 1	Date last saved	: 17 Aug 2017 10:55 AM

Operating Conditions		Liquid	
Flow, rated	: 2,125.0 USgpm	Liquid type	: Water - Potable
Differential head / pressure, rated (requested)	: 467.0 ft	Additional liquid description	:
Differential head / pressure, rated (actual)	: 467.6 ft	Solids diameter, max	: 0.00 in
Suction pressure, rated / max	: 0.00 / 0.00 psi.g	Solids concentration, by volume	: 0.00 <input type="checkbox"/>
NPSH available, rated	: Ample	Solids concentration, by weight	: 0.00 <input type="checkbox"/>
Frequency	: 60 Hz	Temperature, max	: 68.00 deg F
Performance		Fluid density, rated / max	: 1.000 / 1.000 SG
Speed, rated	: 1180 rpm	Viscosity, rated	: 1.00 cP
Impeller diameter, rated	: 11.97 in	Vapor pressure, rated	: 0.00 psi.a
Impeller diameter, maximum	: 12.02 in	Material	
Impeller diameter, minimum	: 10.75 in	Material selected	: Cast Iron/Bronze
Efficiency (bowl / pump)	: 85.24 / 84.23 <input type="checkbox"/>	Pressure Data	
NPSH required / margin required	: 11.57 / 0.00 ft	Maximum working pressure	: See the Additional Data page
Ns (imp. eye flow) / Nss (imp. eye flow)	: 2,404 / 9,162 US Units	Component pressure limit	: See the Additional Data page
MCSF	: 486.1 USgpm	Maximum allowable suction pressure	: N/A
Head, maximum, rated diameter	: 655.8 ft	Hydrostatic test pressure	: See the Additional Data page
Head rise to shutoff (bowl / pump)	: 38.99 / 40.24 <input type="checkbox"/>	Driver <input type="checkbox"/> Power Data <input type="checkbox"/> Max density <input type="checkbox"/>	
Flow, best eff. point (bowl / pump)	: 1,902.1 / 1,878.8 USgpm	Driver sizing specification	: Max power <input type="checkbox"/> 4 <input type="checkbox"/>
Flow ratio, rated / BEP (bowl / pump)	: 111.72 / 113.10 <input type="checkbox"/>	Margin over specification	: 0.00 <input type="checkbox"/>
Diameter ratio (rated / max)	: 99.59 <input type="checkbox"/>	Service factor	: 1.15
Head ratio (rated dia / max dia)	: 99.14 <input type="checkbox"/>	Power, hydraulic	: 253 hp
Cq/Ch/Ce/Cn ANSI/HI 9.6.7-2010 <input type="checkbox"/>	: 1.00 / 1.00 / 1.00 / 1.00	Power (bowl / pump)	: 297 / 298 hp
Selection status	: Near miss	Power, maximum, rated diameter	: 300 hp

Pump and bowl (dashed) performance. Bowl adjusted for construction and viscosity.
 Pump further adjusted for friction and power losses of lineshaft and thrust bearings. Pump is not adjusted for any static lift.
 The duty point represents the pump performance head.



VERTICAL TURBINE PUMP
 2,125.0 USgpm 471.8 ft TDH
 9 STAGE TYPE 16JKH
 12x20x20VF DISCHARGE HEAD



Discharge	Suction
12 in. 150□RF - ANSI Flange	16 in. 150□RF - ANSI Flange
19 in. Dia. Flange	23.5 in. Dia. Flange
12 - 1 in. Dia. holes	16 - .75 in. Dia. holes
17 in. Bolt circle	21.25 in. Bolt circle

□ TYPICAL LOCATION FOR DISCHARGE NO. □ LE
 □ FINAL HEAD HEIGHT WILL BE DETERMINED BASED ON INTERNAL ANALYSIS AND SPECIFICATION REVIEW
 NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED.

NOTES:
 ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED.
 DRAWING NOT TO SCALE.

REV.	BY	DATE	DESCRIPTION

Customer: TRIANGLE PUMP & EQUIP. CO.	OUTLINE DRAWING
Customer Reference:	
Item Number: 001	
Curve Number: P16JKH 1180	
Date: 17 Aug 2017	DRAWING

REFERENCE LIST

CO #	Ship Date	Curve Number	Customer Name
61722	6/28/2007 0:00	16DKH 1180	GIERLICH-MITCHELL, INC.
67506	12/15/2009 0:00	16DKH 1180	C F Engineered Equipment, Inc.
68735	7/19/2010 0:00	16DKH 1180	ALL BIDDERS
68830	12/1/2010 0:00	16DKH 1180	OROVILLE-TONASKET
61886	12/7/2007 0:00	16DKH 1180	HUDSON PUMP & EQUIPMENT
64622	7/24/2008 0:00	16DKH 1180	ZEUSCHEL EQUIP CO, INC.
63783	1/21/2008 0:00	16DKH 1180	PAUL L. ARMSTRONG CO., INC.
65208	10/30/2008 0:00	16DKH 1180	PAUL L. ARMSTRONG CO., INC.
65208	10/30/2008 0:00	16DKH 1180	PAUL L. ARMSTRONG CO., INC.
65208	10/30/2008 0:00	16DKH 1180	PAUL L. ARMSTRONG CO., INC.
65208	10/30/2008 0:00	16DKH 1180	PAUL L. ARMSTRONG CO., INC.
71924	12/27/2012 0:00	16DKH 1180	PB America
63368	11/1/2007 0:00	16DKH 1180	Pump Repair Specialists
74111	1/17/2014 0:00	16DKH 1180	U.S. STEEL GRANITE WORKS
75858	1/14/2015 0:00	16DKH 1180	Boyer & Seeley Inc.
74235	4/15/2014 0:00	16DKH 1180	G3 ENGINEERING
78180	2/27/2017 0:00	16DKH 1180	Athens Utility Board
76301	4/30/2015 0:00	16DKH 1180	Silverbay Seafoods
59935	8/24/2006 0:00	16DKH 1180	G3 ENGINEERING
62856	8/30/2007 0:00	16DKH 1770	Kinder Morgan Pipelines LLC
65838	5/14/2010 0:00	16DKH 1770	Boyer & Seeley Inc.
67079	2/16/2010 0:00	16DKH 1770	G3 ENGINEERING
70253	1/24/2012 0:00	16DKH 1770	G3 ENGINEERING
70253	1/24/2012 0:00	16DKH 1770	G3 ENGINEERING
73897	11/27/2013 0:00	16DKH 1770	LTC Corp.
67586	1/4/2010 0:00	16DKH 1770	WEIR MINERALS PERU
68530	8/13/2010 0:00	16DKH 1770	ALL BIDDERS
67466	11/9/2009 0:00	16DKH 1770	Ron Piercy Pump and Motor Service
67552	5/20/2010 0:00	16DKH 1770	WEIR DO BRAZIL LTDA
67515	10/16/2009 0:00	16DKH 1770	INDUSTRIAL PUMP SALES
66246	4/30/2009 0:00	16DKH 1770	WEIR DO BRAZIL LTDA
71348	6/13/2012 0:00	16DKH 1770	WEIR DO BRAZIL LTDA
73272	7/23/2013 0:00	16DKH 1770	AFTON PUMPS, INC.
71892	1/7/2013 0:00	16DKH 1770	AFTON PUMPS, INC.
74891	4/28/2014 0:00	16DKH 1770	LAYNE-TEXAS
73752	7/30/2013 0:00	16DKH 1770	LAYNE-TEXAS
74600	5/30/2014 0:00	16DKH 1770	Suncor
74590	3/21/2014 0:00	16DKH 1770	G3 ENGINEERING
74590	3/21/2014 0:00	16DKH 1770	G3 ENGINEERING
74960	5/2/2014 0:00	16DKH 1770	G3 ENGINEERING
75510	1/2/2015 0:00	16DKH 1770	AFTON PUMPS, INC.
76313	9/22/2015 0:00	16DKH 1770	AFTON PUMPS, INC.
76313	9/22/2015 0:00	16DKH 1770	AFTON PUMPS, INC.
75854	11/14/2014 0:00	16DKH 1770	Oakland Community College
74986	4/24/2014 0:00	16DKH 1770	PWA
76496	7/9/2015 0:00	16DKH 1770	G3 ENGINEERING

77481	2/8/2016 0:00	16DKH 1770	WEIR DO BRAZIL LTDA
72357	11/29/2012 0:00	16DKH 1770	PNV POLYTECH CO., LTD.
60880	9/26/2006 0:00	16DKH 1770	AFTON PUMPS, INC.
60880	9/26/2006 0:00	16DKH 1770	AFTON PUMPS, INC.
64072	3/27/2008 0:00	16DKH 1770	NICKERSON CO., INC.
64181	4/9/2008 0:00	16DKH 1770	WEIR DO BRAZIL LTDA
64206	5/28/2009 0:00	16DKH 1770	Boyer & Seeley Inc.
64447	5/5/2008 0:00	16DKH 1770	S. A. Armstrong Ltd.
66193	4/10/2009 0:00	16DKH 1770	Sam DeSanto Co., Inc.
67023	9/9/2009 0:00	16DKH 1770	Department of Veterans Affairs
68074	5/19/2010 0:00	16DKH 1770	RC Beach & Assoc. (MR)
67211	9/10/2009 0:00	16DKH 1770	Integrated Power Services
68235	5/26/2010 0:00	16DKH 1770	Integrated Power Services
70669	11/10/2011 0:00	16DKH 1770	OSLIN NATION CO.
70669	11/8/2011 0:00	16DKH 1770	OSLIN NATION CO.
70222	3/29/2012 0:00	16DKH 1770	DXP Enterprises
69091	2/3/2012 0:00	16DKH 1770	WEIR CANADA
71856	11/6/2012 0:00	16DKH 1770	KENNECOTT UTAH COPPER CORP
71856	10/24/2012 0:00	16DKH 1770	KENNECOTT UTAH COPPER CORP
72061	11/14/2012 0:00	16DKH 1770	Fisher Sand & Gravel
70889	3/20/2012 0:00	16DKH 1770	SUPERIOR INDUSTRIAL EQUIPMENT
70889	3/15/2012 0:00	16DKH 1770	SUPERIOR INDUSTRIAL EQUIPMENT
66477	7/6/2009 0:00	16DKH 1770	RC Beach & Assoc. (MR)
73480	6/27/2013 0:00	16DKH 1770	New Horizons LLC
74446	3/5/2014 0:00	16DKH 1770	Weir Minerals Peru
72336	1/2/2013 0:00	16DKH 1770	Weir Minerals Peru
75997	2/16/2015 0:00	16DKH 1770	Weir Minerals Peru
76273	12/4/2015 0:00	16DKH 1770	Boyer & Seeley Inc.
75478	11/3/2014 0:00	16DKH 1770	Ornatus
70766	6/20/2012 0:00	16DKH 1770	Trask-Decrow
70766	8/24/2012 0:00	16DKH 1770	Trask-Decrow
74044	3/28/2014 0:00	16DKH 1770	DXP
74044	3/28/2014 0:00	16DKH 1770	DXP
74909	6/26/2014 0:00	16DKH 1770	Weir Solutions FZE
74909	6/26/2014 0:00	16DKH 1770	Weir Solutions FZE
73256	10/28/2013 0:00	16DKH 1770	Express Pipeline LLC
69802	11/28/2011 0:00	16DKH 1770	Triangle Pump & Equipment
65939	3/25/2009 0:00	16DKH 1770	Butte Water District
71541	10/3/2012 0:00	16DKH 1770 SP	G3 ENGINEERING
63022	3/20/2008 0:00	16DKL 1180	CITY OF VALLEJO
60588	6/28/2007 0:00	16DKL 1180	PACIFIC MECHANICAL CORP
69036	11/18/2010 0:00	16DKL 1180	ALL BIDDERS
79344	6/29/2017 0:00	16DKL 1180	ALL BIDDERS
79259	6/29/2017 0:00	16DKL 1180	ALL BIDDERS
67916	10/22/2010 0:00	16DKL 1180	ALL BIDDING CONTRACTORS
70975	2/17/2012 0:00	16DKL 1180	Phoenix Pumps
70975	2/21/2012 0:00	16DKL 1180	Phoenix Pumps

76815	12/10/2015 0:00	16DKL 1180
63001	10/31/2007 0:00	16DKL 1770
63927	8/27/2008 0:00	16DKL 1770
63821	12/19/2008 0:00	16DKL 1770
61263	5/31/2007 0:00	16DKL 1770
67187	11/9/2009 0:00	16DKL 1770
69389	5/8/2012 0:00	16DKL 1770
69590	1/30/2012 0:00	16DKL 1770
69907	6/23/2011 0:00	16DKL 1770
73118	8/30/2013 0:00	16DKL 1770
73118	8/30/2013 0:00	16DKL 1770
73118	8/30/2013 0:00	16DKL 1770
73118	8/30/2013 0:00	16DKL 1770
73253	9/25/2013 0:00	16DKL 1770
73253	9/25/2013 0:00	16DKL 1770
75588	3/30/2015 0:00	16DKL 1770
76021	4/20/2015 0:00	16DKL 1770
76021	4/20/2015 0:00	16DKL 1770
76021	4/20/2015 0:00	16DKL 1770
76021	4/20/2015 0:00	16DKL 1770
76677	9/30/2015 0:00	16DKL 1770
65020	8/25/2008 0:00	16DKL 1770
78824	5/31/2017 0:00	16DKL 1770
78327	11/30/2016 0:00	16DKL 1770
64102	10/30/2008 0:00	16DKL 1770
64686	7/22/2008 0:00	16DKL 1770
67443	11/25/2009 0:00	16DKL 1770
68620	8/17/2010 0:00	16DKL 1770
68212	6/3/2010 0:00	16DKL 1770
69459	3/8/2011 0:00	16DKL 1770
70278	7/22/2011 0:00	16DKL 1770
69303	12/27/2010 0:00	16DKL 1770
71166	1/18/2012 0:00	16DKL 1770
68667	7/28/2010 0:00	16DKL 1770
71990	7/5/2012 0:00	16DKL 1770
67556	2/12/2010 0:00	16DKL 1770
69767	4/4/2011 0:00	16DKL 1770
69174	12/27/2010 0:00	16DKL 1770
69059	10/28/2010 0:00	16DKL 1770
71683	5/25/2012 0:00	16DKL 1770
72533	12/18/2012 0:00	16DKL 1770
72521	12/12/2012 0:00	16DKL 1770
71758	10/4/2012 0:00	16DKL 1770
72521	11/27/2012 0:00	16DKL 1770
72521	11/27/2012 0:00	16DKL 1770
72521	11/27/2012 0:00	16DKL 1770
74539	3/13/2014 0:00	16DKL 1770

G3 ENGINEERING
Sno-Matic Controls & Engineering
G3 ENGINEERING
ALL BIDDING CONTRACTORS
GIERLICH-MITCHELL, INC.
HUMBOLDT DRILLING & PUMP
Resource Concepts
HDR
GENE PAYNE ASSOC., INC.
ORMAT Systems LTD
ORMAT Systems LTD
ORMAT Systems LTD
ORMAT Systems LTD
ORMAT Systems LTD
ORMAT Systems LTD
HDR
ORMAT Systems LTD
ORMAT Systems LTD
ORMAT Systems LTD
ORMAT Systems LTD
ALL BIDDING CONTRACTORS
RC Beach & Assoc. (MR)
ORMAT Systems LTD
ORMAT Systems LTD
AFTON PUMPS, INC.
Vulco S.A.
Weir Minerals Canada
Weir Minerals Canada
Weir Minerals Canada
WEIR DO BRAZIL LTDA
Searles Valley Minerals
Searles Valley Minerals
Searles Valley Minerals
Searles Valley Minerals
Searles Valley Minerals
AFTON PUMPS, INC.
Pump Solutions
WEIR DO BRAZIL LTDA
REYNOLDS, INC.
Weir Minerals Canada
BUREAU OF RECLAMATION
BUREAU OF RECLAMATION
Vulco S.A.
BUREAU OF RECLAMATION
BUREAU OF RECLAMATION
BUREAU OF RECLAMATION
Searles Valley Minerals

73223	6/3/2013 0:00	16DKL 1770	Searles Valley Minerals
74309	2/11/2014 0:00	16DKL 1770	Vulco S.A.
74543	4/30/2014 0:00	16DKL 1770	ORMAT Systems LTD
74543	4/30/2014 0:00	16DKL 1770	ORMAT Systems LTD
76119	1/20/2015 0:00	16DKL 1770	PWA
75256	9/8/2014 0:00	16DKL 1770	WEIR DO BRAZIL LTDA
73218	5/14/2013 0:00	16DKL 1770	WEIR DO BRAZIL LTDA
62531	6/25/2007 0:00	16DKL 1770	PUMP DYNAMICS, INC.
62443	6/28/2007 0:00	16DKL 1770	WEIR DO BRAZIL LTDA
64099	5/28/2008 0:00	16DKL 1770	Vulco S.A.
62149	7/26/2007 0:00	16DKL 1770	Minera Gold Fields S.A.
62149	7/26/2007 0:00	16DKL 1770	Minera Gold Fields S.A.
62149	7/26/2007 0:00	16DKL 1770	Minera Gold Fields S.A.
63821	12/19/2008 0:00	16DKL 1770	ALL BIDDING CONTRACTORS
65172	10/14/2008 0:00	16DKL 1770	Weir Australia
64781	9/3/2008 0:00	16DKL 1770	Con Edison
63546	5/28/2010 0:00	16DKL 1770	GIERLICH-MITCHELL, INC.
68888	5/23/2011 0:00	16DKL 1770	Balfour Beatty Infrastructure, Inc
70234	9/12/2011 0:00	16DKL 1770	Weir Minerals Canada
70707	11/18/2011 0:00	16DKL 1770	Weir Solutions FZE
71927	12/10/2012 0:00	16DKL 1770	TENNESSEE VALLEY AUTHORITY
74575	7/24/2014 0:00	16DKL 1770	WEIR - VULCO
77935	7/29/2016 0:00	16DKL 1770	Chippewa Sand Company
77430	1/18/2016 0:00	16DKL 1770	Delta Industries Inc
77430	1/18/2016 0:00	16DKL 1770	Delta Industries Inc
78567	11/3/2016 0:00	16DKL 1770	Delta Industries Inc
78567	11/3/2016 0:00	16DKL 1770	Delta Industries Inc
68351	6/21/2010 0:00	16DKL 1770	HE Equipment Co.
68352	6/21/2010 0:00	16DKL 1770	HE Equipment Co.
69342	9/22/2011 0:00	16DKL 1770	TRIANGLE PUMP & EQUIP. CO.
65566	5/12/2009 0:00	16DKL 1770	G3 ENGINEERING
64127	5/16/2008 0:00	16DKL 1770	G3 ENGINEERING
73659	9/4/2013 0:00	16DKL 1770	Loon Mountain
77576	3/31/2016 0:00	16DOL 1770 VTSP	Weir Minerals Africa - Weir Warman
77201	12/1/2015 0:00	16DOL 1770 VTSP	Kalumbila Minerals Ltd
63983	3/27/2008 0:00	16MAM-1175	Weir Minerals Canada
60604	12/22/2006 0:00	16MKL 1180	VAN BERGEN & MARKSON, INC.
68668	2/11/2011 0:00	16MKL 1180	Triangle Pump & Equipment Co.
73374	12/30/2013 0:00	16MKL 1180	Phoenix Pumps, Inc.
73194	1/2/2014 0:00	16MKL 1180	DXP
62296	10/25/2007 0:00	16MKL 1180	Sherwood-Logan & Assoc.
63551	1/31/2008 0:00	16MKL 1180	The Town of Innisfail
66795	7/20/2009 0:00	16MKL 1180	APO Pumps and Compressors
74129	1/13/2014 0:00	16MKL 1180	WEIR DO BRAZIL LTDA
75273	9/17/2014 0:00	16MKL 1180	WEIR DO BRAZIL LTDA
72456	12/27/2012 0:00	16MKL 1180	WEIR DO BRAZIL LTDA
77979	7/15/2016 0:00	16MKL 1180	WATER RESOURCES INT'L

67599	2/16/2010 0:00	16MKL 1180	AFTON PUMPS, INC.
76815	12/10/2015 0:00	16MKL 1180	G3 ENGINEERING
62498	10/19/2007 0:00	16MKL 1770	G3 ENGINEERING
68960	9/19/2011 0:00	16MKL 1770	Garney Construction
78762	2/24/2017 0:00	16MKL 1770	G3 ENGINEERING
68492	7/27/2010 0:00	16MKL 1770	Clyde Union
68887	10/22/2010 0:00	16MKL 1770	DELTA INDUSTRIES, INC.
62445	6/22/2007 0:00	16MKL 1770	PNV POLYTECH CO., LTD.
61400	12/21/2006 0:00	16MKL 1770	APO Pumps and Compressors
62498	10/19/2007 0:00	16MKL 1770	G3 ENGINEERING
66039	3/4/2009 0:00	16MKL 1770	GENE PAYNE ASSOC., INC.
62554	7/26/2007 0:00	16MKL 1770	ZEUSCHEL EQUIP CO, INC.
64793	7/24/2008 0:00	16MKL 1770	Weir Pumps - Canada
67876	4/2/2010 0:00	16MKL 1770	Weir Pumps - Canada
65954	5/4/2009 0:00	16MKL 1770	Pioneer Pump Systems
68004	4/13/2010 0:00	16MKL 1770	ZEUSCHEL EQUIP CO, INC.
68005	12/1/2010 0:00	16MKL 1770	CF Engineered Equipment
69482	4/8/2011 0:00	16MKL 1770	PNV POLYTECH CO., LTD.
68614	5/2/2011 0:00	16MKL 1770	G3 ENGINEERING
69053	4/1/2011 0:00	16MKL 1770	RC Beach & Assoc. (BRS)
68681	10/22/2010 0:00	16MKL 1770	DELTA INDUSTRIES, INC.
72058	8/10/2012 0:00	16MKL 1770	VAN BERGEN & MARKSON, INC.
71673	6/5/2012 0:00	16MKL 1770	VAN BERGEN & MARKSON, INC.
63492	12/13/2007 0:00	16MKL 1770	TRASK-DECROW MACHINERY, INC.
74202	11/18/2013 0:00	16MKL 1770	U.S. STEEL GRANITE WORKS
74862	10/13/2014 0:00	16MKL 1770	Eshelman - Georgia
75408	2/6/2015 0:00	16MKL 1770	AFTEC, Aviation Fuel Technicians
77719	5/11/2017 0:00	16MKL 1770	San Francisco PUC
74924	7/2/2014 0:00	16MKL 1770	PEERLESS-MIDWEST, INC.
75013	6/26/2014 0:00	16MKL 1770	WEIR PUMP
75013	6/26/2014 0:00	16MKL 1770	WEIR PUMP
77581	4/6/2016 0:00	16MKL 1770	Davidson Sales and Engineering
77581	4/6/2016 0:00	16MKL 1770	Davidson Sales and Engineering
67507	7/21/2011 0:00	16MKL 1770	Bureau of Reclamation
78073	8/22/2016 0:00	16MKL 1770	ALL BIDDERS
74893	5/2/2014 0:00	16MKL 1770	JCI INDUSTRIES, INC.
63274	12/7/2007 0:00	16MKL 1770	RC Beach & Assoc. (MR)
70975	2/1/2012 0:00	16MKL 1770	Phoenix Pumps
78459	5/31/2017 0:00	16MKL 1770	City of Sacramento, Dept of Utilities
79204	7/12/2017 0:00	16MKL 1770	ALL BIDDERS
67943	4/2/2010 0:00	16MKM 1180	OROVILLE-TONASKET
76937	8/13/2015 0:00	16MKM 1180	PEERLESS-MIDWEST, INC.
60039	11/30/2006 0:00	16MKM 1180	G3 ENGINEERING
60202	11/3/2006 0:00	16MKM 1180	G3 ENGINEERING
63127	10/9/2008 0:00	16MKM 1180	Sherwood-Logan & Assoc.
63636	2/28/2008 0:00	16MKM 1180	VAN BERGEN & MARKSON, INC.
65705	12/18/2008 0:00	16MKM 1180	APO Pumps and Compressors

62055	7/10/2007 0:00	16MKM 1180	RC Beach & Assoc. (MR)
63263	11/18/2008 0:00	16MKM 1180	Boyer & Seeley Inc.
66097	3/26/2009 0:00	16MKM 1180	RC Beach
60715	2/22/2007 0:00	16MKM 1770	TRIANGLE PUMP & EQUIP. CO.
62946	1/24/2008 0:00	16MKM 1770	G3 ENGINEERING
64608	7/8/2008 0:00	16MKM 1770	Tucson Water
63638	7/22/2008 0:00	16MKM 1770	GIERLICH-MITCHELL, INC.
65791	8/31/2009 0:00	16MKM 1770	G3 ENGINEERING
67600	1/27/2010 0:00	16MKM 1770	ALL BIDDERS
68569	1/21/2011 0:00	16MKM 1770	G3 ENGINEERING
68569	1/21/2011 0:00	16MKM 1770	G3 ENGINEERING
74222	3/6/2014 0:00	16MKM 1770	RC Beach
72754	4/15/2013 0:00	16MKM 1770	RC Beach
78046	7/28/2016 0:00	16MKM 1770	G3 ENGINEERING
66630	6/16/2009 0:00	16MKM 1770	PEERLESS-MIDWEST, INC.
65171	8/27/2008 0:00	16MKM 1770	AFTON PUMPS, INC.
66064	3/10/2009 0:00	16MKM 1770	J.H. WRIGHT
67067	8/18/2009 0:00	16MKM 1770	WESTLANDS WATER DISTRICT
67504	12/7/2009 0:00	16MKM 1770	ORMAT
69041	5/2/2011 0:00	16MKM 1770	Fluor Canada Ltd.
67195	9/29/2009 0:00	16MKM 1770	US BUREAU OF RECLAMATION
67238	10/5/2009 0:00	16MKM 1770	AFTON PUMPS, INC.
67486	1/7/2010 0:00	16MKM 1770	NEAL AND MASSY
70695	12/12/2011 0:00	16MKM 1770	Water Solutions Ltd
71016	1/9/2012 0:00	16MKM 1770	Phoenix Pumps, Inc.
71538	6/26/2012 0:00	16MKM 1770	NEAL AND MASSY
74262	11/5/2013 0:00	16MKM 1770	PEERLESS-MIDWEST, INC.
72279	10/2/2012 0:00	16MKM 1770	PEERLESS-MIDWEST, INC.
74944	5/14/2014 0:00	16MKM 1770	PEERLESS-MIDWEST, INC.
70648	12/9/2011 0:00	16MKM 1770	ALL BIDDERS
75559	12/29/2014 0:00	16MKM 1770	PRECISION POWERED PRODUCT
77275	2/1/2016 0:00	16MKM 1770	PRECISION POWERED PRODUCT
73496	8/16/2013 0:00	16MKM 1770	ALL BIDDERS
74724	5/21/2014 0:00	16MKM 1770	ALL BIDDERS
77304	2/9/2016 0:00	16MKM 1770	ALL BIDDERS
77304	2/9/2016 0:00	16MKM 1770	ALL BIDDERS
77167	12/22/2015 0:00	16MKM 1770	PRECISION POWERED PRODUCT
77167	12/22/2015 0:00	16MKM 1770	PRECISION POWERED PRODUCT
77182	12/3/2015 0:00	16MKM 1770	Weir Colombia
78640	12/22/2016 0:00	16MKM 1770	Weir Colombia
77888	6/15/2016 0:00	16MKM 1770	Weir Colombia
78546	11/18/2016 0:00	16MKM 1770	Weir Colombia
74992	4/24/2014 0:00	16MKM 1770	Targa Resources
77872	6/20/2016 0:00	16MKM 1770	Layne
78852	1/6/2017 0:00	16MKM 1770	Pump Reliability Solutions
78852	1/6/2017 0:00	16MKM 1770	Pump Reliability Solutions
65783	1/23/2009 0:00	16MKM 1770	Phoenix Pump, Inc.

70687	10/14/2011 0:00	16MKM 1770	WEIR MINERALS EUROPE LTD
63053	8/30/2007 0:00	16MKM 1770	CHALMERS & KUBECK, INC.
63532	11/27/2007 0:00	16MKM 1770	FLUIDOS TECNICOS SA DE CV
64025	1/7/2008 0:00	16MKM 1770	J.H. WRIGHT
63843	12/18/2007 0:00	16MKM 1770	AFTON PUMPS, INC.
60209	7/14/2006 0:00	16MKM 1770	Weir Pumps - Canada
63405	11/1/2007 0:00	16MKM 1770	S. A. Armstrong Ltd.
60650	11/30/2006 0:00	16MKM 1770	Byron-Bethany Irrigation District
61461	3/29/2007 0:00	16MKM 1770	BEAVER WATER DISTRICT
66039	3/4/2009 0:00	16MKM 1770	GENE PAYNE ASSOC., INC.
65342	3/19/2009 0:00	16MKM 1770	WESCO
63106	4/10/2008 0:00	16MKM 1770	RC Beach & Assoc. (MR)
64076	8/28/2008 0:00	16MKM 1770	Phoenix Pump, Inc.
62963	11/29/2007 0:00	16MKM 1770	Black & Veatch Ltd
62963	11/29/2007 0:00	16MKM 1770	Black & Veatch Ltd
63869	12/27/2007 0:00	16MKM 1770	Armstrong Pumps, Inc.
63752	4/4/2008 0:00	16MKM 1770	Umetco Minerals Corp
65954	5/4/2009 0:00	16MKM 1770	Pioneer Pump Systems
67789	3/28/2011 0:00	16MKM 1770	Fluor Canada Ltd.
69484	7/29/2011 0:00	16MKM 1770	Phoenix Pump, Inc.
68317	7/8/2010 0:00	16MKM 1770	Weir Minerals Canada
70157	9/22/2011 0:00	16MKM 1770	AMOCO OIL CO
74387	2/27/2014 0:00	16MKM 1770	ALL BIDDERS
67710	9/28/2010 0:00	16MKM 1770	G3 ENGINEERING
78558	4/10/2017 0:00	16MKM 1770	SPP Pumps, Inc.
71682	8/2/2012 0:00	16MKM 1770	Weir Minerals Canada
74264	2/6/2014 0:00	16MKM 1770	ALL BIDDERS
74554	5/30/2014 0:00	16MKM 1770	ALL BIDDERS
62296	10/25/2007 0:00	16MKM 1770	Sherwood-Logan & Assoc.
65939	3/25/2009 0:00	16MKM 1770	Butte Water District
60039	11/30/2006 0:00	16MKM 875	G3 ENGINEERING
68277	6/30/2010 0:00	16TKH-1 1180	Phoenix Pump, Inc.
77783	3/28/2017 0:00	16TKH-1 1770	EBMUD
68463	8/25/2010 0:00	16TKH-1 1770	PWA
74399	2/3/2014 0:00	16TKH-M 1770	PWA
72306	11/28/2012 0:00	16TKH-M 1770	PWA
77490	2/10/2016 0:00	16TKH-M 1770	ALL BIDDERS



Motors

Technical Data Center
PO Box 12118
Fort Wayne, IN 46822

FOR ESTIMATING PURPOSES ONLY

Customer: FLOWMASTER PUMPS
RFQ 8081 THORPE ROAD COASTER
STATION

DataPack Document, Version: v1000201

Inside Sales Representative: PAUL. ALEJIS LUEVANO

Inside Sales Rep Phone: 528181533507

Model Number: 5KS449DAJ6424

Sales Order No: 5200021533

Order Line No: 1.1

Instruction Manual: GEK-95352

Connection Diagram: GEM2034E-FIG20

Alternate Phone: 260-439-2000

Customer Order: No: 51189

Customer Item No:

Customer Part No:

Outline Drawing: 148CB49VNJRLGAA0001

Accessory Connection Diagrams

Heating Thermocouple: None

RTD: None

Thermostat: None

Heating RTD: None

Heater: 3027JE-1C

Thermistor: None

Heating Thermocouple: None

Revision History

Version	Date	Comments
v17044429.01	04/25/2017	Original Version

Distribution Information

Quantity	Recipient
1	paul.luevano@ge.com PAUL.LUEVANO@GE.COM E-Mail Distribution

Quantity	Recipient
1	richard.meno@ge.com RICHARD.MENO@GE.COM E-Mail Distribution

1	Anil.Batchu@ge.com ANIL.BATCHU@GE.COM E-Mail Distribution
---	---



Motors

FOR ESTIMATING PURPOSES ONLY

Technical Data Center
PO Box 12118
Fort Wayne, IN 46822

Customer: FLOW A PUMPS
RFQ 8881 THORPE ROAD COASTER
STATION

DataPack Document, Version: v1000201

Customer Order Item: 51189

Customer Part: None

Sales Order No: 5200021533

Order Line No: 1.1

MODEL NUMBER: S DA 2

Outline Drawing: 148CB49VNJRLGAA0001

Connection Diagram: GEM2034E-FIG20

Instruction Book: GEK-95352

Design Code: 49BD1312A

Type: KS

Frame: L449VP20

Phases: 3

Poles: 4

Output Power: 300HP 223.7KW

RPM: 1185

Voltage: 460

Hertz: 60

Amps FL: 342.0

Service Factor: 1.15

Estimated Weight: 2950 Lbs

Time Rating: CONT

Enclosure: WPI

Encl Construction: OPEN

Ambient Max C: 40

Insulation Class: H

NEMA Design: B

Nominal Efficiency: 95.4%

Guaranteed Efficiency: 94.5%

A Code: G

Max AR: 79.2

Power Factor: 87.5

Bearing DE: 6219C3

Bearing ODE: 235A2536AB01

Enclosure is Weather Protected One

Stamped Nameplate Notes:

HTR LDS HE1-HE2 115V 145W

ROT CCW FACING ODE LEAD/PH SEQ 1-2-3/1-2-3

100 OHM WINDING TEMPERATURE DETECTORS (QTY TWO PER PHASE)

UPPER BRG LUBE OIL: 10.2 QTS

LOWER BRG LUBE OIL: 1.8 QTS

0 DEG C TO 40 DEG C : ISO 32(MINERAL OR SYNTHETIC)

-15 DEG C TO 0 DEG C : ISO 32 SYNTHETIC

Additional Information:

4P, VERT SOLID SHAFT HIGH THRUST (2D)

2500 CU IN - 2(4.00 NPT)

OIL RESISTANT SLEEVING ON LEADS

100 OHM WINDING TEMPERATURE DETECTORS TO ACCESSORY CONDUIT BOX

115V HTR LEADS TO MAIN CONDUIT BOX

100 OHM BEARING TEMPERATURE DETECTORS (ONE INSTALLED IN EACH BEARING)

BEARING LIFE 8760 HRS AT 22277 LB THRUST

BEARING LIFE 26280 HRS AT 8041 LB THRUST

CLASS B TEMPERATURE RISE (90C) AT 1.15 SERVICE FACTOR

CG:25.1 IN FROM P-BASE FACE, STAT DEF:0.005 IN



Motors

Technical Data Center
PO Box 12118
Fort Wayne, IN 46822

FOR ESTIMATING PURPOSES ONLY

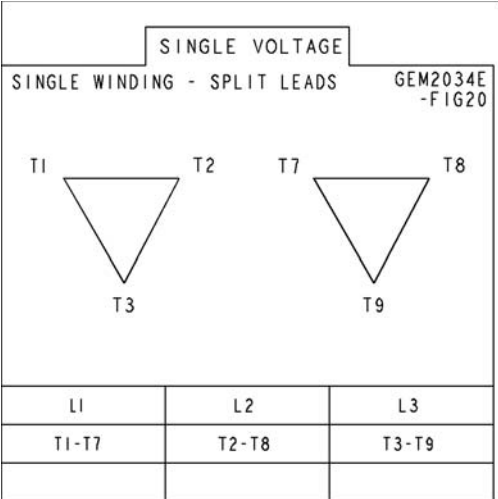
Customer: FLOWA PUMPS
RFQ 8881 THORPE ROAD COASTER
STATION

DataPack Document, Version: v10002.01

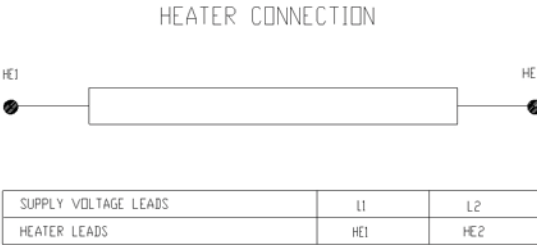
RCF:2636 CPM (1/10)
NON-REVERSE RATCHET BALL CARRIER
BRONZE GROUNDING STUD IN MAIN CONDUIT BOX
STARTING CURRENT 650A FULL LOAD CURRENT

Diagrams for Model: SS DA2

Connection Diagram
GEM2034E-FIG20



Heater Connection
3027JE-1C



Performance Characteristics

1st Winding 1st Connection

Design: D112A

LOAD	12.0	11.0	100.0	0.0	0.0	2.0	0.0
EFF	94.76	94.97	95.40	95.40	94.98	92.43	0.00
PF	88.44	88.26	87.50	84.83	77.48	56.81	4.75
AMPS	418.84	385.26	342.00	260.22	190.76	133.68	105.26

TORQ FL 883.47

TORQ LR FL 204.97

TORQ D FL 273.52

AMPS LR 2223.0

PF AT START 0.34

This motor is capable of two cold or one hot start with a maximum connected load inertia of 4479.0 Lb-Ft Sq (188.7 Kg-meter Sq) at 100 voltage, where the load torque varies with the square of the speed. Acceleration time with maximum inertia and the above load type is 21 seconds. Safe stall time at 100 voltage is 39 seconds cold, 26 seconds hot. Rotor inertia is 95.84 Lb-Ft Sq (4.039 Kg-meter Sq).

Open Circuit A/C: 0.869

Short Circuit D/C: 0.031

Short Circuit A/C: 0.039

R Ratio: 11.588

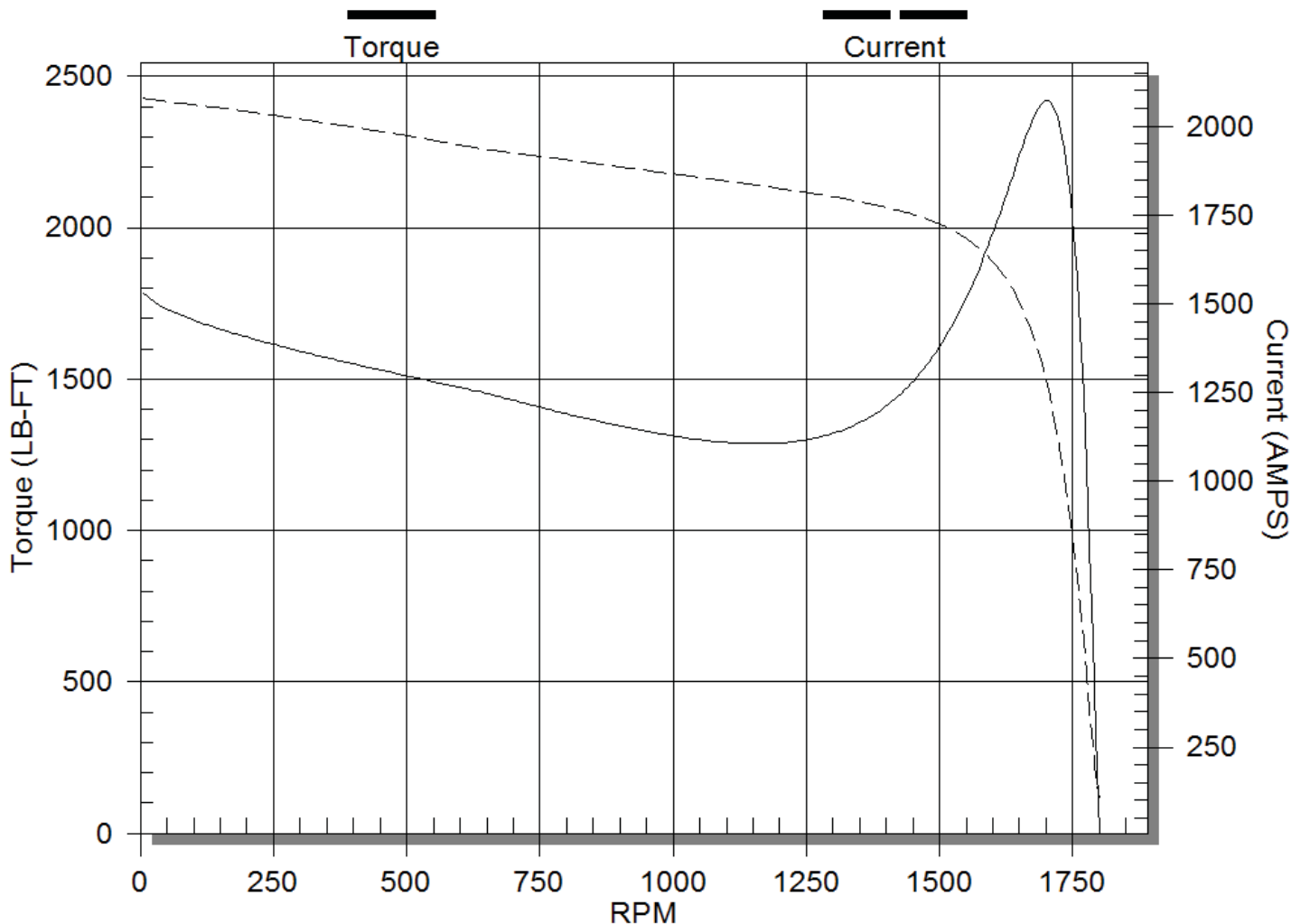
Stator Slots: 72

Rotor Slots: 58

Model Number: 5KS449DAJ6424

Design: 49BD1312A

Speed Torque Current Curve (First Connection, First Speed)





FLOWAY® PUMPS

Vertical Turbine Pumps

Water industry

Excellent
Minerals
Solutions

WEHR
MINERALS



The strength of Floway® Pumps lies in the superiority of our engineering expertise, low vibration designs and highest quality materials.

First choice for water industry pumping solutions



1: Raw water service pumps

2: Water pumps



- Market leading products
- Whole life cycle solutions for any application
- Industry leading low vibration
- Customer-focused product development
- Expert installation and engineering support
- Total care, from basic service support to aftermarket sales and service

Floway® Pumps has a 75 year history of providing customers around the world with the right product and the highest quality for their specific process.

Our products are recognized worldwide for superior quality, top hydraulic performance and long service life.

Sample of cities across the US relying on Floway® Pumps pumping solutions:

- Las Vegas, NV
- Phoenix, AZ
- Los Angeles, CA
- Niagara Falls, NY
- Atlanta, GA
- Orlando, FL
- Seattle, WA

By concentrating solely on the vertical pump product line, Floway® Pumps has become a dominant force in today's highly diversified market. Floway Pumps are recognized worldwide for superior quality, top hydraulic performance and long service life.

In applications where the cost of ownership often outweighs capital cost as a priority, we help our customers address such issues as longevity, efficiency of operation and ease of maintenance.

- Through continuous improvements to materials, product design, engineering and manufacturing, we minimize downtime and reduce the risk of disruption to our customers' operations.
- By ensuring that we have a global presence, our customers will experience the synergy benefits of standardized processes worldwide.
- Working in close partnership with our customers allows us to develop end-to-end engineering solutions to the technical challenges they face, delivering genuine competitive advantage.

Over 75 years experience has provided the expertise to manufacture a versatile line of vertical turbine pumps for a wide range of applications.

Typical services

- High service
- Raw water (clear liquid)
- Finished water
- Booster
- Effluent disposal
- Lake or river water intake
- Makeup water
- Secondary recovery
- Service water
- Aquifer storage and recovery (ASR)
- Backwash
- Well water
- Screen wash
- Reverse osmosis
- Corrosive water services, sea water - brackish water



1: Booster pumps
2: High service pumps
3: Sump pumps
4: Booster pumps

Weir Minerals has the geographical presence to service all the major water and wastewater markets around the world.

End to end engineering solutions

Floway® Pumps are built around the versatility of the vertical pump design. Depending upon exact job specifications, our engineers select the best combination of pump components and materials of constructions to meet virtually any water application.

Excellent engineering solutions

Floway® Pumps utilizes an in-house staff of licensed professional engineers to ensure maximum control over design specifications. Engineering capabilities include:

- 3D solid modeling
- In-house hydraulic design
- Products engineered to customer specifications
- Special material selection
- Computational Fluid Dynamics (CFD) analysis
- Stress and deflection analysis using Finite Element Analysis (FEA)
- Lateral and torsional rotor dynamic analysis
- Structural natural frequency analysis (using FEA) and design for VFD operation
- Design for low vibration

Industry leading low vibration

Floway® Pumps is dedicated to manufacturing pumps with industry leading low vibration levels.

Optional features:

- Premium machined and balanced motor
- Specially tolerated motor coupling machined by Floway Pumps
- Jacking posts for precise motor/pump shaft alignment
- Impellers balanced per API 610
- Reduced run-out on motor base

Customer focused product development

As a service to our customers, at Floway Pumps we have developed two specification selection programs to allow customers to specify projects and product details.

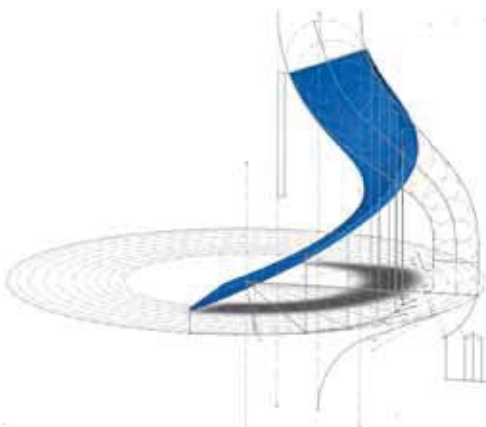
The SCORE selector program is a web based program which allows customers to search pump selection by flow and head specifics.

Build A Spec™ is a specification assistance program that breaks down the following components:

- Discharge head design
- Sealing arrangements
- Column construction
- Bowl construction

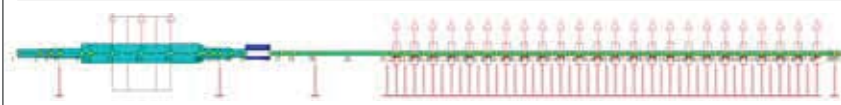
The Floway® Pumps specification tools can be accessed at our company website, www.weirminerals.com

In house hydraulic design



3D solid modeling

Lateral and Torsional Rotordynamic Analysis



Floway® Pumps has the capability to support customer operations worldwide with consistent products and local engineering expertise. As part of The Weir Group, we have the reach and resource to grow into emerging markets alongside our customers.

Weir Minerals has operations across:

- North America
- South America
- Africa
- Europe & UK
- Australasia
- Former Soviet Union

Performance testing

A major engineering function of any pump manufacturer is hydraulic performance testing under a variety of operational conditions. Testing ensures that pump performance matches specifications and that all components are operating properly.

Testing and analysis capabilities include:

- Three testing pits for flows to 45,000 GPM (10,220 m³/hr)
- Hydrostatic testing equipment for pressures to 5,000 PSI (345 Bars)
- NPSH testing equipment available for flows to 30,000 GPM (6,814 m³/hr)
- Pressures to 2,500 PSI (172 Bars)
- Electrical power through 3,000 HP (2,235 KW)
- All measuring equipment calibrated on a scheduled basis with traceability to National Institute of Standards and Technology (NIST)
- Vibration testing available including spectrum analysis (FFT) with multiple simultaneous channels. Proximity probes available for measuring dynamic shaft vibration

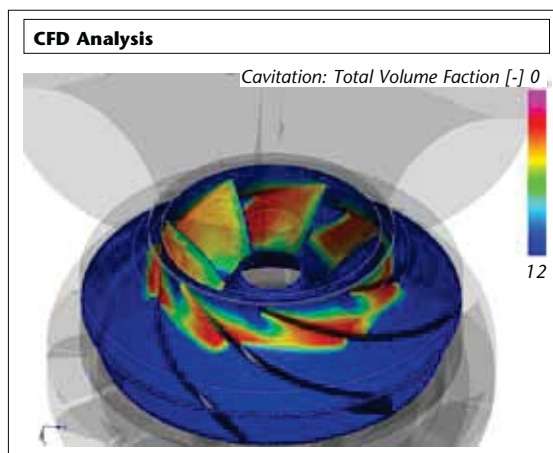
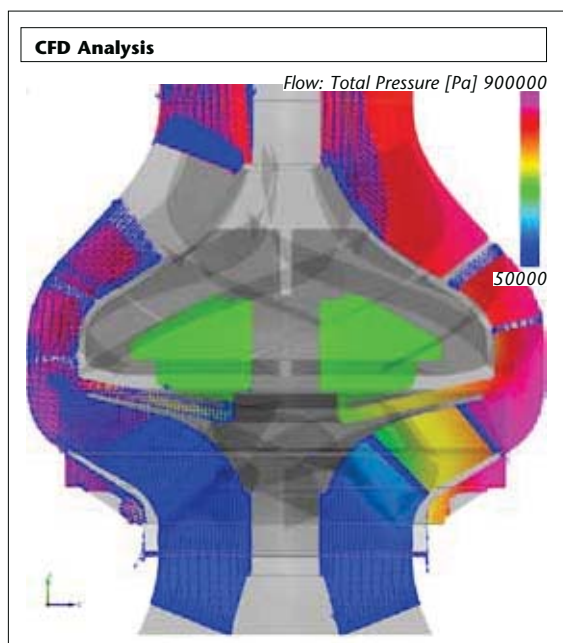
- Impact testing available to determine the structural natural frequencies (Reed Critical Frequency) of the pump/motor structure
- Capable of testing a complete engine driven pump
- Both 50 Hz and 60 Hz power available
- Pump testing using a Variable Frequency Drive (VFD) available upon request
- Coating spark test (low voltage/high voltage)
- Pump thrust testing
- Noise testing

Non-Destructive Testing (NDT)

- Dye Penetrant (LP)
- Magnetic Partical Inspection (MP)
- Radiography Exam (RT)
- Ultrasonic Testing (UT)
- Positive Material Identification (PMI)
- Hardness Testing (Rockwell and Brinell)
- CMTR upon request
- AWS Certified Welding Inspection (CWI)

Coating

- NSF certified coating available when requested
- Two part epoxy
- Fusion bonded epoxy
- Most any coating available for potable or non-potable service



Floway® Pumps takes pride in the fact that all of our products are manufactured in house, giving total control and maximum capabilities.



1: Water re-use pumps

2: Field installation

3: Booster pumps



Meeting global standards through excellent manufacturing processes

Manufactured to meet global certifications and standards:

Electrical standards

- NEMA
- IEEE
- IEC

Construction standards

- ANSI B16.5 Class 150 through 1500 flange ratings

- Welding to ASME section IX on all listed materials
- ASTM standards met for all materials supplied - castings, forgings, and wrought materials
- Stress relief carbon steel to ASME Section VIII
- DIN
- BS
- Hydraulic Institute
- CE Marking
- API 610

Unlike our competitors, the unparalleled Floway® pump product is manufactured all under one roof. That means that every step from designing to manufacturing and the finished product is controlled in our state of the art facility in Fresno, California, USA



Quality assurance

Quality control never ends at Floway® Pumps. It begins with the quotation phase and continues throughout the order process, manufacturing phase, warranty period, customer follow-up and service. This dedication to quality has given us the reputation for having one of the finest products in the vertical turbine pump industry. Certifications include:

- ISO 9001:2008 Quality Management Systems
- ISO 14001:2004 Environmental Management Systems
- OHSAS: 18001:2007 Occupational Health and Safety Management Systems



In house manufacturing capabilities

Fabrication - The Floway® Pumps fabrication facility is staffed by ASME Boiler Code Section IX certified welders.

Machining - Computer controlled lathes, large boring mills, and individual production equipment ensure an efficient and flexible manufacturing process.

Balancing - Dynamic and static balancing of rotating elements ensure low vibration performance.

Inspection - Product is inspected at multiple stages throughout the manufacturing process to ensure a quality product. Capabilities include a Coordinate Measuring Machine (CMM) that can measure complex curvatures for comparison to 3D solid models. The CMM is also used to measure large parts where conventional measurement techniques are limited.

Final Assembly - All pump components are assembled to customer specifications for top efficiency, long service life, and high quality appearance.



- 1: Testing facility
- 2: Machining of discharge head
- 3: NSF certified epoxy coating being applied to pump
- 4: Final assembly

Floway[®] vertical pumps for the water industry

Typical options of construction

- Semi-open or enclosed impellers
- Bowl and impeller wear rings
- Thrust balanced impellers (reduced downthrust on motor bearings)
- Flanged or threaded column pipe

VF and VFR (VS6)



F and FR (VS1)



VU (VS1)



Vertical pump features and services

VF & VFR

Vertical close coupled, single or multistage turbine with fabricated head discharging above ground, with a below ground suction mounted in a fabricated barrel or can

Capacity to 35,000 GPM (7,950 m³/hr)

Pressure to 1,500 PSI (103 Bars)

Typical service - booster applications for various water process services

F & FR

Vertical close coupled single or multistage turbine with fabricated head discharging above ground

Capacity to 35,000 GPM (7,950 m³/hr)

Setting to 600 ft (183 m)

Pressure to 1,500 PSI (103 Bars)

Typical service - large wet pits, well pumps, water treatment plants, lake and river intake, and various water process applications

VU

Vertical close coupled, single or multistage turbine, with a fabricated head discharging below ground

Capacity to 35,000 GPM (7,950 m³/hr)

Setting to 600 ft (183 m)

Pressure to 1500PSI (103 Bars)

Typical service - large wet pit for flood control, water treatment plants and any surface water source

- Product lubricated, water flush or oil lubricated shafting
- Hard chrome bearing journals
- Special materials of construction (stainless steel, bronze, duplex, super duplex)
- Electrical motors available in Vertical solid (VSS) or vertical hollow (VHS) shaft construction
- Abrasive service – Special materials and construction to increase pump life
- Shaft sealing options include mechanical seals, packing boxes, water flush, oil lubricated or grease packed configurations
- Hydro-Seal construction – eliminates above grade shaft sealing element

VC

Vertical close coupled, single or multistage turbine, with fabricated head configured for an above ground suction and discharge mounted in a fabricated barrel or can

Capacity to 35,000 GPM (7,950 m³/hr)

Pressure to 3,000 PSI (207 Bars)

Typical service - in-line, above ground, closed suction booster applications and water treatment plants

Low-lift

Vertical mixed flow single or multistage with fabricated discharge head. These pumps can be mounted at 45 degree or 90 degree with above or below ground discharge

Capacity to 35,000 GPM (7,950 m³/hr)

Setting to 50 ft (15.2 m)

Pressure to 35 PSI (2.41 Bars)

Typical service - large wet pit for flood control, water treatment plants and other low-lift applications

A & AF

Vertical close coupled, single or multistage turbine with cast iron head with an above ground discharge

Capacity to 5,000 GPM (1,140 m³/hr)

Setting to 600 Ft (183 m)

Pressure to 300 PSI (20.7 Bars)

Typical services - wet pit, well pumps, and booster applications for water treatment plants, various water process applications

VC (VS6)



Lowlift (VS3)



A and AF (VS1)



Column assembly and impeller configurations

Column assemblies



Flanged column pipe (open lineshaft for product lubrication shown)

Standard construction 16" (41cm) diameter and larger column pipe recommended when ease in assembly is required. Flanged column pipe can be furnished in either oil, water flush or product lubricated construction.



Flanged column pipe (enclosed lineshaft for oil lubrication shown)

Applications include pumpages with suspended particles which require bearing protection and deep well pumps.

Note: Not recommended for use on high pressure short setting pumps.



Threaded column pipe (open lineshaft for product lubrication shown)

Pump setting with water levels over 30' (9m) require driver non-reverse ratchet and lineshaft pre-lubrication. Available for 3" (8cm) through 14" (34cm) threaded pipe size. Threaded column generally preferred for well pumps where clearance is minimal.

Impellers



Enclosed type impeller with tapered collet shaft mounting

Standard construction features tapered friction drive collet furnished on pump bowls through size 22" (56cm).

Features - Easy installation, lateral adjustment and low hydraulic thrust



Semi-open type impeller with tapered collet shaft mounting

Standard construction features tapered friction drive collet. Semi-open impeller construction is available on pump bowls through size 27" (69cm) and on larger sizes when required.

Features - Reduced chances of plugging impellers when handling solids

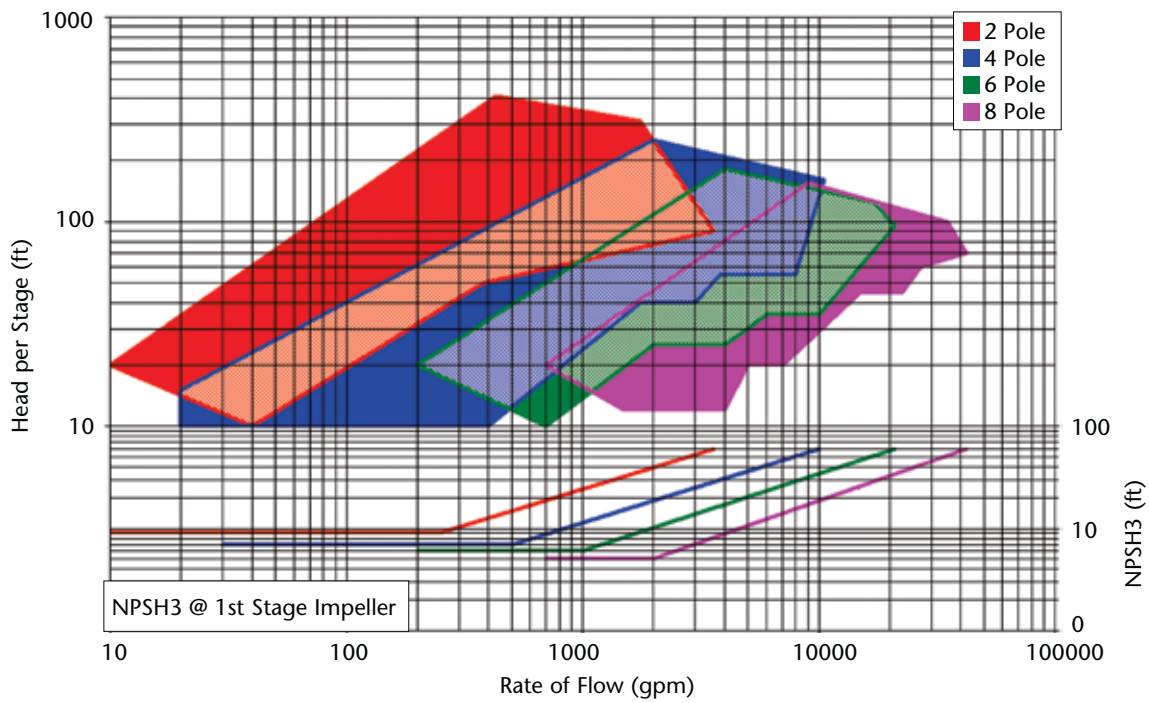


Enclosed type impeller with double keyed shaft mounting

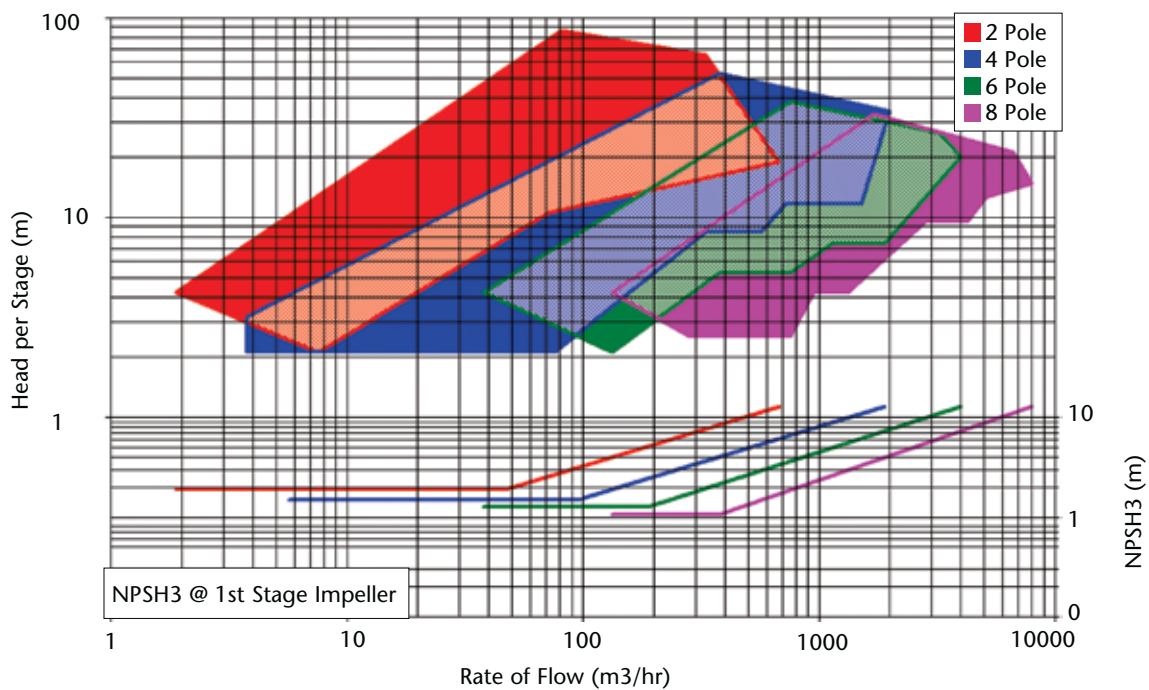
The double keyed impeller shaft mounting features both axial and radial keys. This construction is standard on bowl sizes 23" (58cm) and larger. It is also available as optional construction on bowl size 22" (56cm) and smaller enclosed and semi-open type impellers.

Features - Allows for ease of removal and replacement of impeller wear parts

Floway® Coverage Chart 60Hz



Floway® Coverage Chart 50Hz



Performance data shown is approximate. For actual pump performance contact your local Floway representative or visit Floway's online pump selector website at www.weirminerals.com

Geographical footprint

Weir Minerals has the geographical presence to service all the major minerals markets around the world. This global supply capability provides a competitive advantage in this relatively fragmented market.

Weir Minerals has operations across:

- North America
- Latin America
- Africa
- Former Soviet Union
- Europe
- Australia
- Asia

Customer profile

Our customers range from the world's largest minerals and mining multinationals to single pumpset operators.

We support customer operations worldwide with consistent products and local engineering expertise. As part of the Weir Group, we have the reach and resource to build close, long term relationships with all our customers, helping them to achieve ...

The Lowest Cost of Ownership

Service and support

This global capability with our own dedicated service teams combined with the service centres of our sister companies within the Weir Group and those of our strategic partners provide support in virtually every developed market.

WARMAN® Centrifugal Slurry Pumps
GEHO® PD Slurry Pumps
LINATEX® Rubber Products
VULCO® Wear Resistant Linings
CAVEX® Hydrocyclones
FLOWAY® PUMPS Vertical Turbine Pumps
ISOGATE® Slurry Valves
MULTIFLO® Mine Dewatering Pumps
HAZLETON® Specialty Slurry Pumps
LEWIS® PUMPS Vertical Chemical Pumps
WEIR MINERALS SERVICES™



For further information on any of these products, service or support services contact your nearest sales office or visit:

www.weirminerals.com

Weir Floway, Inc. dba Weir Minerals Floway Pumps

2494 S Railroad Avenue
PO Box 164
Fresno, CA 93707 USA

Tel: +1 559 442 4000
Fax: +1 559 442 3098
Email: floway@weirminerals.com

Excellent
Minerals
Solutions



Product Newsletter #2

FLOWAY® PUMPS NSF Certification Announcement



FLOWAY® PUMPS
Vertical Turbine Pumps

Weir Floway, Inc. announces NSF/ANSI 61 & 372 Certification

We are excited to announce that Weir Floway, Inc. has attained a North American industry-wide certification known as NSF/ANSI 61 & 372. National Sanitation Federation International (NSF) is an independent, non-governmental, non-profit public health and environmental organization that serves the public globally, by testing products to meet stringent standards of health and safety.

NSF states that pump manufacturers must fully comply with its requirements and achieve certification to sell their products for drinking water and drinking water treatment chemicals. This certification includes NSF 372 for low-lead content water products and confirms full compliance with the low lead requirements of the 2014 U.S. Safe Drinking Water Act (SDWA).

NSF/ANSI 61 & 372 Certification includes the following:

- Confirms compliance with individual state drinking water requirements as well as those of the 2014 U.S. Federal Safe Water Drinking Act
- NSF 372 certifies that each product has a weighted average lead content of 0.25% or less
- Weir Floway manufacturing facility in Fresno, CA has been successfully audited and certified by NSF
- Selected materials approved by NSF

Score Updates:

The Score selection/quotation program has been updated to include a separate NSF certified pump section called "VTP NSF Selection". This section includes specific NSF certified materials and features.

The Build-A-Spec feature in Score has also been updated to include an NSF specific selection. This feature will insert the applicable NSF spec verbiage into a sample specification.

A copy of the recommended spec verbiage is included with this notification for reference. It is strongly encouraged that the rep network incorporates this verbiage into customer specs ASAP as it is a means to limit competition.



Product Newsletter #2

FLOWAY® PUMPS NSF Certification Announcement



FLOWAY® PUMPS Vertical Turbine Pumps

Floway's current NSF certified wetted parts list as well as the official Floway certification has been added to the "Sales Tools" section in Score. Copies of these documents have also been attached to this notification for reference. Additional NSF certified materials commonly used in the Municipal Market will be added going forward.

Marketing/Sales Updates:

The Weir Floway Market Brochures will be updated to include the NSF certification information. Also, future marketing materials such as flyers and presentations will be available as well. Finally, look for announcements in future pump and/or market publications as well as promotions at future trade shows such as Weftec.

Currently there are two additional known VTP manufactures that hold their NSF61 certification; Flowserve & National Pump. Also, other VTP manufactures are currently working on obtaining their certification. Weir Floway's certification covers all wetted components of the pump as opposed to some manufacturers who may not have all wetted components certified. Therefore, it will be important to include this detail in any customer specification.

NSF61 Spec Verbiage:

The complete pump assembly shall be certified to NSF/ANSI standard 61. This certification shall cover all wetted components of the pump, including but not limited to the bowl assembly, column assembly, discharge head assembly & suction barrel (when applicable). Manufactures without NSF61 certification will not be considered. Written documentation demonstrating full compliance to NSF61 shall be provided as part of the submittal package. The pump discharge head shall be fitted with a separate nameplate displaying the NSF61 logo. No exceptions.

If you have any questions please contact your Regional Sales Manager or David Aldrich – Product Manager at 559.443.6408, david.aldrich@weirminerals.com



Weir Floway, Inc.
2494 S Railroad Ave
Fresno, CA 93706
USA

T +1 559 442 4000
F +1 559 442 3098
weirminerals.com
floway@weirminerals.com

Copyright © 2015, Weir Floway, Inc.
Floway is a registered trademark of Weir Floway, Inc.
Weir Floway, Inc. ("the Company") is the owner of the copyright and all confidential information in this document.

Product Newsletter #2

FLOWAY® PUMPS NSF Certification Announcement



FLOWAY® PUMPS
Vertical Turbine Pumps

NSF 61 Certified Parts / Material List

Part	Material	ASTM#
Bowl	Carbon Steel	A216 Gr. WCB
	Cast Iron	A48 Cl. 30
	Ductile Iron	A538 Gr. 60-40-18
Bowl External Coating	Carboline Carboguard 891 HS	
Bowl Internal Coating	Vitreous Coating	
	Porcelain Enamel	
	Scotchkote 134W	
Basket Strainer	Galvanized Steel	
Bearings	SBR (R-1)	
	Vesconite Hilube	
	Bronze	C89835
Bearing Retainer	Ductile Iron	A538 Gr. 60-40-18
Bearing Retainer Coating	Carboline Carboguard 891 HS	
Collet	Steel	108 UNS G12150
Fasteners	304SS	UNS S30400
Flange Gaskets	550307-015 NBR	
	Nitrile	ASTM D2000
Shaft	416SS	UNS S41600
Split Ring	416SS	UNS S41600
Thrust Ring	416SS	UNS S41600
Thrust Ring Retainer	416SS	UNS S41600
Mechanical Seal	John Crane 5610	
Packing	John Crane C1056	
Packing Gland	316SS	UNS S31600
Grease - Packed Box	Husky Lube "O" Seal	
Grease - Suction Bell	Husky Lube "O" Seal	
Tubing	316SS	UNS S31600
Drain Fittings	316SS	UNS S31600
Sand Collar	316SS	UNS S31600
	416SS	UNS S41600
Wear Rings	Aluminum Bronze	B148 C95200
	Aluminum Bronze	B148 C95400
Impeller	Aluminum Bronze	B148 C95200
	Bronze	B584 C87600



**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2016-0819
<u>Renews #</u>	

<u>Submitting Dept</u>	SOLID WASTE DISPOSAL	<u>Cross Ref #</u>	
<u>Contact Name/Phone</u>	DAVID PAINE 625-6878	<u>Project #</u>	
<u>Contact E-Mail</u>	DPAINE@SPOKANECITY.ORG	<u>Bid #</u>	BID #4066-14
<u>Agenda Item Type</u>	Purchase w/o Contract	<u>Requisition #</u>	VALUE BLANKET
<u>Agenda Item Name</u>	4490 RENEW VALUE BLANKET FOR RENTAL OF COMPRESSORS FOR THE WTE		

Agenda Wording

Renewal of Value Blanket with Atlas Copco of Arlington, Wa, for compressor rentals during scheduled outages and on an as-needed basis. January 1 to December 31, 2018, for a cost of \$124,167.44 plus taxes of \$10,926.73 for a total of \$135,094.17.

Summary (Background)

The original Value Blanket was for one year, with 4 additional one-year extensions. This is the 3rd of those extensions. Compressor rentals are required for the WTE Facility during scheduled and unscheduled outages and on an as-needed basis. Rental of these compressors will allow the WTE Facility to support maintenance operations during routine and non-routine outages, as well as support operation of the facility in the event of a compressor failure.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	

Expense	\$ 135,094.17	# 4490-44100-37148-54501
---------	---------------	--------------------------

Select	\$	#
--------	----	---

Select	\$	#
--------	----	---

Select	\$	#
--------	----	---

<u>Approvals</u>	<u>Council Notifications</u>
------------------	------------------------------

<u>Dept Head</u>	CONKLIN, CHUCK	<u>Study Session</u>	PIES 10/23/17
------------------	----------------	----------------------	---------------

<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>	
--------------------------	----------------	--------------	--

<u>Finance</u>	CLINE, ANGELA	<u>Distribution List</u>	
----------------	---------------	--------------------------	--

<u>Legal</u>	SCHOEDEL, ELIZABETH	ttauscher@spokanecity.org	
--------------	---------------------	---------------------------	--

<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jsalstrom@spokanecity.org	
----------------------	-------------------	---------------------------	--

<u>Additional Approvals</u>	tprince@spokanecity.org		
-----------------------------	-------------------------	--	--

<u>Purchasing</u>	WAHL, CONNIE	mdoval@spokanecity.org	
-------------------	--------------	------------------------	--

--	--	--	--

--	--	--	--

--	--	--	--

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Renewal of Value Blanket with Atlas Copco of Arlington, Washington, for compressor rentals during scheduled outages and on an as-needed basis.

Background

Responses to RFP#4066-14 were received on November 27, 2014, with Atlas Copco being the only respondent.

Compressor rentals are required for the WTE Facility during scheduled and unscheduled outages and on an as-needed basis. The original Value Blanket was for one year, with 4 additional one-year extensions. This is the 3rd of those extensions.

The cost of this Value Blanket renewal is \$124,167.44 plus taxes of \$10,926.73 for a total of \$135,094.17.

Impact

Rental of these compressors will allow the WTE Facility to support maintenance operations during routine and non-routine outages, as well as support operation of the facility in the event of a compressor failure.

Action

Recommend Approval of this Value Blanket renewal for January 1, 2018 to December 31, 2018.

Funding

Funding for this Value Blanket is included in the 2018 operations budget for the WTE Facility.

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2016-0818
<u>Renews #</u>	

<u>Submitting Dept</u>	SOLID WASTE DISPOSAL	<u>Cross Ref #</u>	
<u>Contact Name/Phone</u>	DAVID PAINE 625-6878	<u>Project #</u>	
<u>Contact E-Mail</u>	DPAINE@SPOKANECITY.ORG	<u>Bid #</u>	BID #4057-14
<u>Agenda Item Type</u>	Purchase w/o Contract	<u>Requisition #</u>	VALUE BLANKET
<u>Agenda Item Name</u>	4490 RENEWAL OF VALUE BLANKET FOR ANHYDROUS AMMONIA AND		

Agenda Wording

Renewal of Value Blanket with Brenntag Pacific, Inc., for purchase of Anhydrous Ammonia and Phosphoric Acid for the WTE Facility. January 1 to December 31, 2018 - \$579,150.00 including taxes.

Summary (Background)

Anhydrous ammonia and phosphoric acid are required for the operation of the WTE Facility. Brenntag Pacific, Inc., has agreed to provide both anhydrous ammonia and phosphoric acid with no price increase over 2017. Continued on-time deliveries of anhydrous ammonia and phosphoric acid will allow for the uninterrupted operation of the WTE Facility. The original Value Blanket was for 1 year with the option of 4 one-year renewals. This is the 3rd of those renewals.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	

Expense	\$ 579,150.00	# 4490-44100-37148-53203
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>		<u>Council Notifications</u>	
<u>Dept Head</u>	CONKLIN, CHUCK	<u>Study Session</u>	PIES 10/23/17
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>	
<u>Finance</u>	CLINE, ANGELA	<u>Distribution List</u>	
<u>Legal</u>	SCHOEDEL, ELIZABETH	ttauscher@spokanecity.org	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jsalstrom@spokanecity.org	
<u>Additional Approvals</u>		tprince@spokanecity.org	
<u>Purchasing</u>	WAHL, CONNIE	mdoval@spokanecity.org	



Continuation of Wording, Summary, Budget, and Distribution

Agenda Wording

The cost to provide these chemicals for the WTE Facility is \$579,150.00. This amount is based on the following estimates: Phosphoric Acid - \$208,809.81 plus taxes of \$18,375.26 for a total of \$227,185.07 Anhydrous Ammonia - \$323,496.00 plus taxes of \$28,467.65 for a total of \$351,963.65.

Summary (Background)

Fiscal Impact

Select \$

Select \$

Budget Account

#

#

Distribution List

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Renewal of Value Blanket with Brenntag Pacific, Inc., for purchase of Anhydrous Ammonia and Phosphoric Acid for the WTE Facility.

Background

Anhydrous ammonia and phosphoric acid are required for the operation of the WTE Facility. Brenntag Pacific, Inc., has agreed to provide both anhydrous ammonia and phosphoric acid with no price increase over 2017.

The original Value Blanket was for 1 year with the option of 4 one-year renewals. This is the 3rd of those renewals.

The cost to provide these chemicals for the WTE Facility is \$579,150.00. This amount is based on the following estimates:

Phosphoric Acid - \$208,809.81 plus taxes of \$18,375.26 for a total of \$227,185.07

Anhydrous Ammonia - \$323,496.00 plus taxes of \$28,467.65 for a total of \$351,963.65.

Impact

Continued on-time deliveries of anhydrous ammonia and phosphoric acid will allow for the uninterrupted operation of the WTE Facility.

Action

Recommend Approval of this Value Blanket renewal for the period January 1, 2018 to December 31, 2018.

Funding

Funding for these chemicals is included in the 2018 WTE Facility operations budget.

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2016-0820
<u>Renews #</u>	

Submitting Dept	SOLID WASTE DISPOSAL	Cross Ref #	
Contact Name/Phone	DAVID PAINE 625-6878	Project #	
Contact E-Mail	DPAINE@SPOKANECITY.ORG	Bid #	BID #4059-14
Agenda Item Type	Purchase w/o Contract	Requisition #	VALUE BLANKET
Agenda Item Name	4490 PURCHASE OF HYDROCHLORIC ACID FOR WTE		

Agenda Wording

Renewal of Value Blanket with Northstar Chemical of Tualatin, Oregon, for the purchase of Hydrochloric Acid for the WTE Facility. January 1 to December 31, 2018, for a cost of \$37,814.40 plus taxes of \$3,327.67 for a total of \$41,142.07.

Summary (Background)

Hydrochloric acid is required for the operation of the WTE facility. On October 20, 2014, the City received 3 bids in response to RFB#4059-14. Northstar Chemical was the lowest cost bidder. The original RFB allowed for a 1-year agreement with 4 additional 1-year renewals. This is the 3rd of those renewals. Northstar Chemical has agreed to hold the pricing the same as 2016 and 2017.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	

Expense	\$ 41,142.07	# 4490-44100-37148-53203
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>		<u>Council Notifications</u>	
<u>Dept Head</u>	CONKLIN, CHUCK	<u>Study Session</u>	PIES 10/23/17
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>	
<u>Finance</u>	CLINE, ANGELA	Distribution List	
<u>Legal</u>	SCHOEDEL, ELIZABETH	ttauscher@spokanecity.org	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jsalstrom@spokanecity.org	
<u>Additional Approvals</u>		tprince@spokanecity.org	
<u>Purchasing</u>	WAHL, CONNIE	mdoval@spokanecity.org	

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Renewal of Value Blanket with Northstar Chemical of Tualatin, Oregon, for the purchase of Hydrochloric Acid for the WTE Facility.

Background

Hydrochloric acid is required for the operation of the WTE facility. On October 20, 2014, the City received 3 bids in response to RFB#4059-14. Northstar Chemical was the lowest cost bidder. The original RFB allowed for a 1-year agreement with 4 additional 1-year renewals. This is the 3rd of those renewals. Northstar Chemical has agreed to hold the pricing the same as 2016 and 2017.

The cost of this renewal is \$37,814.40 plus taxes of \$3,327.67 for a total of \$41,142.07.

Impact

Renewal of this value blanket will allow for the uninterrupted operation of the WTE facility.

Action

Recommend Approval of this Value Blanket renewal for January 1 to December 31, 2018.

Funding

Funding for this value blanket is included in the 2018 operations budget for the WTE facility.

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2014-0871
<u>Renews #</u>	
<u>Cross Ref #</u>	
<u>Project #</u>	
<u>Bid #</u>	BID #4064-14
<u>Requisition #</u>	VALUE BLANKET

<u>Submitting Dept</u>	SOLID WASTE DISPOSAL
<u>Contact Name/Phone</u>	DAVID PAINE 625-6878
<u>Contact E-Mail</u>	DPAINE@SPOKANECITY.ORG
<u>Agenda Item Type</u>	Purchase w/o Contract
<u>Agenda Item Name</u>	4490 RENEW VALUE BLANKET FOR HIGH CALCIUM QUICKLIME FOR THE WTE

Agenda Wording

Renewal of Value Blanket with Graymont Western US, Inc., of Salt Lake City, for purchase of high calcium quicklime for the WTE facility. December 2, 2017 to December 1, 2018, for \$1,287,360.00 plus taxes of \$113,287.68 for a total of \$1,400,647.68.

Summary (Background)

On October 27, 2014, sealed bids were opened in response to RFB #4064-14 to provide the WTE facility with high calcium quicklime. The high calcium quicklime is used to reduce acid in the flue gasses. Water is added to the powdered lime to create a slurry which is injected into the flue to remove hydrochloric acid and SO₂ to comply with environmental regulations. The slurry also helps to cool the flue gasses to the correct emission temperature.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	
Expense	\$ 1,400,647.68	# 4490-44100-37148-53203
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>	<u>Council Notifications</u>		
<u>Dept Head</u>	CONKLIN, CHUCK	<u>Study Session</u>	PIES 10/23/17
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>	
<u>Finance</u>	CLINE, ANGELA	<u>Distribution List</u>	
<u>Legal</u>	SCHOEDEL, ELIZABETH	ttauscher@spokanecity.org	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jsalstrom@spokanecity.org	
<u>Additional Approvals</u>		tprince@spokanecity.org	
<u>Purchasing</u>	WAHL, CONNIE	mdoval@spokanecity.org	

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Renewal of Value Blanket with Graymont Western US, Inc., of Salt Lake City, for purchase of high calcium quicklime for the WTE facility.

Background

On October 27, 2014, sealed bids were opened in response to RFB #4064-14 to provide the WTE facility with high calcium quicklime. The high calcium quicklime is used to reduce acid in the flue gasses. Water is added to the powdered lime to create a slurry which is injected into the flue to remove hydrochloric acid and SO₂ to comply with environmental regulations. The slurry also helps to cool the flue gasses to the correct emission temperature.

The original RFB allowed for 1 year with 4 additional 1-year renewals. This is the 3rd of those renewals.

The cost of this Value Blanket is \$1,287,360.00 plus taxes of \$113,287.68 for a total of \$1,400,647.68.

Impact

Uninterrupted deliveries of high calcium quicklime will allow the WTE facility to continue to operate.

Action

Recommend Approval of this Value Blanket renewal for December 2, 2017 to December 1, 2018.

Funding

Funding for this purchase is included in the 2018 operations budget for the WTE facility.

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2015-0963
<u>Renews #</u>	

Submitting Dept	SOLID WASTE DISPOSAL	Cross Ref #	
Contact Name/Phone	DAVID PAINE 625-6878	Project #	
Contact E-Mail	DPAINE@SPOKANECITY.ORG	Bid #	BID #4174-15
Agenda Item Type	Purchase w/o Contract	Requisition #	VALUE BLANKET
Agenda Item Name	4490 RENEWAL OF VALUE BLANKET FOR PURCHASE OF ACTIVATED CARBON		

Agenda Wording

Renewal of Value Blanket with Cabot Norit Activated Carbon, Marshall, Texas, for purchase of activated carbon for use at the WTE Facility. December 2, 2017 to December 1, 2018 for \$76,950.00 plus taxes of \$6,771.60 for a total of \$83,721.60.

Summary (Background)

The Air Operating Permit for the WTE requires that the pollution control equipment reduce mercury and dioxin and furans that could potentially be released into the atmosphere. Activated carbon injected into the flue gas aids in this reduction, and is required to be in compliance with the Title V Air Operating Permit. If the pollution control equipment is not operating, the WTE facility would have to shut down or risk violating permit conditions or potentially causing harm to the environment.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	

Expense	\$ 83,721.60	# 4490-44100-37148-53203
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>		<u>Council Notifications</u>	
<u>Dept Head</u>	CONKLIN, CHUCK	<u>Study Session</u>	PIES 10/23/17
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>	
<u>Finance</u>	CLINE, ANGELA	Distribution List	
<u>Legal</u>	SCHOEDEL, ELIZABETH	ttauscher@spokanecity.org	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jsalstrom@spokanecity.org	
<u>Additional Approvals</u>		tprince@spokanecity.org	
<u>Purchasing</u>	WAHL, CONNIE	mdoval@spokanecity.org	



Continuation of Wording, Summary, Budget, and Distribution

Agenda Wording

Summary (Background)

On October 8, 2015, the City issued RFB #4174-15 to procure activated carbon for use in the WTE facility. Six bids were received. Cabot Norit Activated Carbon was selected as the lowest cost bidder. Cabot Norit has agreed to renew this value blanket with a 3.26% increase. This is the first increase under this bid. The initial term was for 1 year with the option to renew for 4 additional 1-year periods. This is the 2nd of those renewals.

Fiscal Impact

Select \$

Select \$

Budget Account

#

#

Distribution List

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Renewal of Value Blanket with Cabot Norit Activated Carbon, Marshall, Texas, for purchase of activated carbon for use at the WTE Facility.

Background

On October 8, 2015, the City issued RFB #4174-15 to procure activated carbon for use in the WTE facility. Six bids were received. Cabot Norit Activated Carbon was selected as the lowest cost bidder

Cabot Norit has agreed to renew this value blanket with a 3.26% increase. This is the first increase under this bid. The initial term was for 1 year with the option to renew for 4 additional 1-year periods. This is the 2nd of those renewals.

The cost of this Value Blanket is \$76,950.00 plus taxes of \$6,771.60 for a total of \$83,721.60.

Impact

The Air Operating Permit for the WTE facility requires that the pollution control equipment reduce mercury and dioxin and furans that could potentially be released into the atmosphere. Activated carbon injected into the flue gas aids in this reduction, and is required to be in compliance with the Title V Air Operating Permit. If the pollution control equipment is not operating, the WTE facility would have to shut down or risk violating permit conditions or potentially causing harm to the environment.

Action

Recommend Approval of this Value Blanket for December 2, 2017 to December 1, 2018.

Funding

Funding is included in the 2018 operations budget for the WTE facility.

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2016-0060
<u>Renews #</u>	

Submitting Dept	SOLID WASTE DISPOSAL	Cross Ref #	
Contact Name/Phone	DAVID PAINE 625-6878	Project #	
Contact E-Mail	DPAINE@SPOKANECITY.ORG	Bid #	BID #4058-14
Agenda Item Type	Purchase w/o Contract	Requisition #	VALUE BLANKET
Agenda Item Name	4490 AMENDMENT TO VALUE BLANKET FOR SODIUM HYDROXIDE 50%		

Agenda Wording

Amendment to Value Blanket with BHS Specialty Chemical Products (Nampa, ID) for purchase of Sodium Hydroxide 50% Membrane (Caustic Soda). Cost of the Amendment is \$20,000.00 for the remainder of 2017

Summary (Background)

Sodium Hydroxide is required for the operation of the waste to energy facility. Due to a higher than expected receipt of waste for disposal at the waste to energy, Sodium Hydroxide 50% Membrane (Caustic Soda) usage has been higher than anticipated in 2017. This amendment will add funds to allow for purchase of additional Sodium Hydroxide that is required due to the additional waste.

<u>Fiscal Impact</u>		Grant related?	NO	<u>Budget Account</u>	
		Public Works?	NO		
Expense	\$ 20,000.00		# 4490-44100-37148-53203		
Select	\$		#		
Select	\$		#		
Select	\$		#		
<u>Approvals</u>			<u>Council Notifications</u>		
<u>Dept Head</u>		CONKLIN, CHUCK		<u>Study Session</u>	
<u>Division Director</u>		FEIST, MARLENE		<u>Other</u>	
<u>Finance</u>		CLINE, ANGELA		Distribution List	
<u>Legal</u>		SCHOEDEL, ELIZABETH		ttauscher@spokanecity.org	
<u>For the Mayor</u>		DUNIVANT, TIMOTHY		jsalstrom@spokanecity.org	
Additional Approvals			tprince@spokanecity.org		
<u>Purchasing</u>		WAHL, CONNIE		mdoval@spokanecity.org	

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Amendment to Value Blanket with BHS Specialty Chemical Products (Nampa, ID) for purchase of Sodium Hydroxide 50% Membrane (Caustic Soda).

Background

Sodium Hydroxide is required for the operation of the waste to energy facility. On October 6, 2014, four sealed bids were received for purchase of Sodium Hydroxide 50%. BHS Specialty was the lowest cost bidder.

Due to a higher than expected receipt of waste for disposal at the waste to energy, Sodium Hydroxide 50% Membrane (Caustic Soda) usage has been higher than anticipated in 2017. This amendment will add funds to allow for purchase of additional Sodium Hydroxide that is required due to the additional waste.

Cost of the Amendment is \$20,000.00 for the remainder of 2017.

Impact

This purchase will allow for the continued uninterrupted operation of the WTE.

Action

Recommend Approval of this Value Blanket amendment.

Funding

Funding is included in the 2017 operations budget.

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2015-0096
<u>Renews #</u>	

Submitting Dept	SOLID WASTE DISPOSAL	Cross Ref #	
Contact Name/Phone	DAVID PAINE 625-6878	Project #	
Contact E-Mail	DPAINE@SPOKANECITY.ORG	Bid #	RFP#4090-14
Agenda Item Type	Contract Item	Requisition #	2018 FUNDS
Agenda Item Name	4490 RENEWAL OF CONTRACT FOR VACUUM SUPPORT SERVICES FOR THE		

Agenda Wording

Renewal of Contract with Big Sky Industrial of Spokane for vacuum support services at the WTE facility. January 1 to December 31, 2018. Cost is \$150,000.00 plus a 10% administrative reserve of \$15,000.00 for a total of \$165,000.00 excluding taxes.

Summary (Background)

During maintenance outages at the WTE Facility sandblasting material is used throughout the boiler depending on work being performed. Vacuum support services are needed for vacuuming sandblast sand and cleanup of various levels after sandblasting is complete. Also required is the vacuuming of sump and water jet transfer line in the ash house and vacuuming of carbon room and overflow areas, as well as water wash of air cooled condensers.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? YES	

Expense	\$ 150,000.00	# 4490-44100-37148-54803
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>		<u>Council Notifications</u>	
<u>Dept Head</u>	CONKLIN, CHUCK	<u>Study Session</u>	PIES 10/23/17
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>	
<u>Finance</u>	CLINE, ANGELA	Distribution List	
<u>Legal</u>	SCHOEDEL, ELIZABETH	ttauscher@spokanecity.org	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jsalstrom@spokanecity.org	
<u>Additional Approvals</u>		tprince@spokanecity.org	
<u>Purchasing</u>	WAHL, CONNIE	mdoval@spokanecity.org	



Continuation of Wording, Summary, Budget, and Distribution

Agenda Wording

Summary (Background)

The sandblasting of the boilers and other outage related cleaning produces sand, ash, and other materials that must be collected and disposed of for employee safety and environmental protection. This contract allows this work to be done in a safe and environmentally conscious manner. The original contract was for one year, with 4 additional one-year extensions. This is the 3rd of those extensions.

Fiscal Impact

Select \$

Select \$

Budget Account

#

#

Distribution List

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Renewal of Contract with Big Sky Industrial of Spokane for vacuum support services at the WTE facility.

Background

During maintenance outages at the WTE Facility sandblasting material is used throughout the boiler depending on work being performed. Vacuum support services are needed for vacuuming sandblast sand and cleanup of various levels after sandblasting is complete.

Also required is the vacuuming of sump and water jet transfer line in the ash house and vacuuming of carbon room and overflow areas, as well as water wash of air cooled condensers. All work must be done with no vacuum exhaust being released outside the building. All vacuum materials will be disposed on site at the waste to energy facility.

The original contract was for one year, with 4 additional one-year extensions. This is the 3rd of those extensions. Cost of this extension is \$150,000.00 plus a 10% administrative reserve of \$15,000.00 for a contract total of \$165,000.00 excluding taxes.

Impact

The sandblasting of the boilers and other outage related cleaning produces sand, ash, and other materials that must be collected and disposed of for employee safety and environmental protection. This contract allows this work to be done in a safe and environmentally conscious manner.

Action

Recommend Approval contract renewal for January 1 to December 31, 2018.

Funding

Funding is included in the 2018 operations budget for the WTE facility.



City of Spokane

**CONTRACT EXTENSION 3 OF 4
WITH COST**

**Title: VACUUM SUPPORT SERVICES FOR
THE CITY OF SPOKANE'S WASTE TO
ENERGY FACILITY (WTE)**

This Contract Extension including additional compensation is made and entered into by and between the **City of Spokane** as ("City"), a Washington municipal corporation, and **BIG SKY INDUSTRIAL**, whose address is 9711 West Euclid Road, Spokane, Washington 99224 as ("Contractor"). Individually hereafter referenced as a "party", and together as the "parties".

WHEREAS, the parties entered into a Contract wherein the Company agreed to provide for the City VACUUM SUPPORT SERVICES FOR VACUUMING SANDBLAST SAND WATER, WASH AIR COOLED CONDENSERS, VACUUM SUMP AND WATER JET TRANSFER LINES, AND VACUUM CARBON ROOM AND OVERFLOW AREAS AT THE CITY'S WASTE TO ENERGY FACILITY; and

WHEREAS, additional time is required, and thus the Contract time for performance needs to be formally extended by this written document.

-- NOW, THEREFORE, in consideration of these terms, the parties mutually agree as follows:

1. CONTRACT DOCUMENTS.

The Contract, dated March 5, 2015 and March 18, 2015, any previous amendments, addendums and / or extensions / renewals thereto, are incorporated by reference into this document as though written in full and shall remain in full force and effect except as provided herein.

2. EFFECTIVE DATE.

This Contract Extension shall become effective on January 1, 2018.

3. EXTENSION.

The contract documents are hereby extended and shall run through December 31, 2018.

4. COMPENSATION.

The City shall pay an additional amount not to exceed **ONE HUNDRED FIFTY THOUSAND AND NO/100 DOLLARS (\$150,000.00)** for everything furnished and done under this Contract Extension.

IN WITNESS WHEREOF, in consideration of the terms, conditions and covenants contained, or attached and incorporated and made a part, the parties have executed this Contract Extension by having legally-binding representatives affix their signatures below.

BIG SKY INDUSTRIAL

CITY OF SPOKANE

By _____
Signature Date

By _____
Signature Date

Type or Print Name

Type or Print Name

Title

Title

Attest:

Approved as to form:

City Clerk

Assistant City Attorney

Attachments that are part of this Contract Extension:

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2014-0936
<u>Renews #</u>	

Submitting Dept	SOLID WASTE DISPOSAL	Cross Ref #	RES 2014-0107
Contact Name/Phone	DAVID PAINE 625-6878	Project #	
Contact E-Mail	DPAINE@SPOKANECITY.ORG	Bid #	
Agenda Item Type	Contract Item	Requisition #	CR 18587
Agenda Item Name	4490 SOLE SOURCE CONSULTANT AGREEMENT WITH ABB INC.		

Agenda Wording

Renewal of consultant agreement with ABB, Inc., Portland, Oregon, for software maintenance and technical support plus parts for the control systems at the WTE facility. November 17, 2017, to November 17, 2018.

Summary (Background)

ABB, Inc., owns a custom proprietary software which is used to enhance the operational effectiveness of the WTE facility to reduce maintenance costs to the City. In October 2014, Council declared ABB, Inc., as a sole source for providing the software and support required to operate the WTE facility's control system.

<u>Fiscal Impact</u>		Grant related? NO	<u>Budget Account</u>	
		Public Works? NO		
Expense	\$ 27,600.00 - 2017 FUNDS		# 4490-44100-37148-54201	
Expense	\$ 97,544.00 - 2018 FUNDS		# 4490-44100-37148-54201	
Select	\$		#	
Select	\$		#	
Approvals			Council Notifications	
<u>Dept Head</u>		CONKLIN, CHUCK	<u>Study Session</u>	PIES 10/23/17
<u>Division Director</u>		FEIST, MARLENE	<u>Other</u>	
<u>Finance</u>		KECK, KATHLEEN	Distribution List	
<u>Legal</u>		SCHOEDEL, ELIZABETH	ttauscher@spokanecity.org	
<u>For the Mayor</u>		DUNIVANT, TIMOTHY	jsalstrom@spokanecity.org	
Additional Approvals			tprince@spokanecity.org	
<u>Purchasing</u>			mdoval@spokanecity.org	



Continuation of Wording, Summary, Budget, and Distribution

Agenda Wording

The cost of this renewal is \$125,144.00 plus a 10% administrative reserve of \$12,514.40 for a total of \$137,658.40, excluding taxes.

Summary (Background)

The original contract issued under that sole source resolution was for 3 years with the option to renew for an additional 2 one-year extensions. This is the first of those extensions. Utilizing the consultant who is familiar with this proprietary software, and the ability to purchase required parts as necessary will keep the WTE facility operating properly.

Fiscal Impact

Select \$

Select \$

Budget Account

#

#

Distribution List

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Renewal of consultant agreement with ABB, Inc., Portland, Oregon, for software maintenance and technical support plus parts for the control systems at the WTE facility.

Background

ABB, Inc., owns a custom proprietary software which is used to enhance the operational effectiveness of the WTE facility to reduce maintenance costs to the City. In October 2014, Council declared ABB, Inc., as a sole source for providing the software and support required to operate the WTE facility's control system. The original contract issued under that sole source resolution was for 3 years with the option to renew for an additional 2 one-year extensions. This is the first of those extensions.

The cost of this renewal is \$125,144.00 plus a 10% administrative reserve of \$12,514.40 for a total of \$137,658.40, excluding taxes.

Impact

Utilizing the consultant who is familiar with this proprietary software, and the ability to purchase required parts as necessary will keep the WTE facility operating properly.

Action

Recommend Approval of this renewal for November 17, 2017, to November 16, 2018.

Funding

Funding for this contract renewal is included in the 2017 and 2018 operations budgets for the WTE facility.



City of Spokane

**CONTRACT EXTENSION
WITH COST**

Title: **SOFTWARE MAINTENANCE, TECHNICAL
SUPPORT AND PARTS FOR CONTROL SYSTEMS
AND THE CITY OF SPOKANE'S WASTE TO
ENERGY FACILITY (WTE)**

This Contract Extension including additional compensation is made and entered into by and between the **City of Spokane** as ("City"), a Washington municipal corporation, and **ABB, INC.**, whose address is 4800 SW Macadam Avenue, Suite 240, Portland, Oregon 97239 as ("Consultant"). Individually hereafter referenced as a "party", and together as the "parties".

*WHEREAS, the parties entered into a Contract wherein the Consultant agreed to provide for the City **SOFTWARE MAINTENANCE, TECHNICAL SUPPORT AND PARTS FOR CONTROL SYSTEMS AND THE CITY OF SPOKANE'S WASTE TO ENERGY FACILITY (WTE)**; and*

WHEREAS, additional time is required, and thus the Contract time for performance needs to be formally extended by this written document.

-- NOW, THEREFORE, in consideration of these terms, the parties mutually agree as follows:

1. CONTRACT DOCUMENTS.

The Contract, dated December 18, 2014 and January 21, 2015, any previous amendments, addendums and / or extensions / renewals thereto, are incorporated by reference into this document as though written in full and shall remain in full force and effect except as provided herein.

2. EFFECTIVE DATE.

This Contract Extension shall become effective on November 17, 2017.

3. EXTENSION.

The contract documents are hereby extended and shall run through November 16, 2019.

4. COMPENSATION.

The City shall pay an additional amount not to exceed **ONE HUNDRED TWENTY FIVE THOUSAND ONE HUNDRED FORTY FOUR AND NO/100 DOLLARS (\$125,144.00)** for everything furnished and done under this Contract Extension.

IN WITNESS WHEREOF, in consideration of the terms, conditions and covenants contained, or attached and incorporated and made a part, the parties have executed this Contract Extension by having legally-binding representatives affix their signatures below.

ABB, INC.

CITY OF SPOKANE

By _____
Signature Date

By _____
Signature Date

Type or Print Name

Type or Print Name

Title

Title

Attest:

Approved as to form:

City Clerk

Assistant City Attorney

Attachments that are part of this Contract Extension:

17-129

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2015-0092
<u>Renews #</u>	

Submitting Dept	SOLID WASTE DISPOSAL	Cross Ref #	
Contact Name/Phone	DAVID PAINE 625-6878	Project #	
Contact E-Mail	DPAINE@SPOKANECITY.ORG	Bid #	RFP#4075-14
Agenda Item Type	Contract Item	Requisition #	2018 FUNDS
Agenda Item Name	4490 EXTENSION OF CONTRACT FOR CRANE & HOIST MAINTENANCE AT WTE		

Agenda Wording

Extension of contract with Konecranes, Inc., of Spokane Valley, for quarterly crane/hoist/trolley and lifeline preventative maintenance, inspections and service at the WTE. January 1 to December 31, 2018.

Summary (Background)

The WTE facility utilizes five cranes, including double girder top-riding cranes, and in-house monorail cranes, and two lifelines in its operations. All of this equipment requires quarterly inspections and as-needed repairs. Responses of RFP#4075-14 were opened November 3, 2014, and Konecranes Inc., of Spokane Valley, was the only respondent. The original contract was for one year with the option of 4 one-year extensions. This is the 3rd of those extensions.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? YES	

Expense	\$ 60,000.00	# 4490-44100-37148-54803
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>		<u>Council Notifications</u>	
<u>Dept Head</u>	CONKLIN, CHUCK	<u>Study Session</u>	PIES 10/23/17
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>	
<u>Finance</u>	CLINE, ANGELA	Distribution List	
<u>Legal</u>	SCHOEDEL, ELIZABETH	ttauscher@spokanecity.org	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jsalstrom@spokanecity.org	
<u>Additional Approvals</u>		tprince@spokanecity.org	
<u>Purchasing</u>	WAHL, CONNIE	mdoval@spokanecity.org	



Continuation of Wording, Summary, Budget, and Distribution

Agenda Wording

Cost for this extension is \$60,000.00 plus a 10% administrative reserve of \$6,000.00 for a contract total of \$66,000.00 excluding taxes.

Summary (Background)

The cranes, hoists, and lifelines used at the waste to energy facility must be inspected on schedule, and all inspections and maintenance completed by certified inspectors and technicians. Any equipment that is not maintained on schedule, and in accordance with safety regulations must be taken out of service. This contract will allow for the continued safe operations of the cranes/hoist/ trolley and lifelines at the WTE facility.

Fiscal Impact	Budget Account
---------------	----------------

Select	\$	#
--------	----	---

Select	\$	#
--------	----	---

Distribution List

BRIEFING PAPER
City of Spokane
Public Infrastructure, Environment and Sustainability Committee
Solid Waste Disposal
October 23, 2017

Subject

Extension of contract with Konecranes, Inc., of Spokane Valley, for quarterly crane/hoist/trolley and lifeline preventative maintenance inspections and unscheduled service calls at the WTE facility.

Background

The WTE facility utilizes five cranes, including double girder top-riding cranes, and in-house monorail cranes, and two lifelines in its operations. All of this equipment requires quarterly inspections and as-needed repairs.

Responses of RFP#4075-14 were opened November 3, 2014, and Konecranes Inc., of Spokane Valley, was the only respondent. The original contract was for one year with the option of 4 one-year extensions. This is the 3rd of those extensions.

Cost for this extension is \$60,000.00 plus a 10% administrative reserve of \$6,000.00 for a contract total of \$66,000.00 excluding taxes.

Impact

The cranes, hoists, and lifelines used at the waste to energy facility must be inspected on schedule, and all inspections and maintenance completed by certified inspectors and technicians. Any equipment that is not maintained on schedule, and in accordance with safety regulations must be taken out of service. This contract will allow for the continued safe operations of the cranes/hoist/ trolley and lifelines at the WTE facility.

Action

Recommend Approval of this extension for January 1 to December 31, 2018.

Funding

Funding is included in the 2018 operations budget for the WTE facility.



City of Spokane

**CONTRACT EXTENSION 3 OF 4
WITH COST**

Title: PREVENTATIVE MAINTENANCE INSPECTIONS
AND UNSCHEDULED SERVICE CALL REQUESTS AT
THE CITY'S WASTE TO ENERGY (WTE) FACILITY

This Contract Extension including additional compensation is made and entered into by and between the **City of Spokane** as ("City"), a Washington municipal corporation, **KONECRANES INC.**, whose address is 3020 North Sullivan Road, Suite C, Spokane Valley, Washington 99216, as ("Contractor"). Individually hereafter referenced as a "party", and together as the "parties".

WHEREAS, the parties entered into a Contract wherein the Contractor agreed to provide for the City Quarterly Crane/Hoist/Trolley And Lifeline Preventative Maintenance Inspections and Unscheduled Service Call Requests at The City's Waste To Energy (WTE) Facility; and

WHEREAS, additional time is required, and thus the Contract time for performance needs to be formally extended by this written document.

-- NOW, THEREFORE, in consideration of these terms, the parties mutually agree as follows:

1. CONTRACT DOCUMENTS.

The Contract, dated March 31, 2015, and April 21, 2015, any previous amendments, addendums and / or extensions / renewals thereto, are incorporated by reference into this document as though written in full and shall remain in full force and effect except as provided herein.

2. EFFECTIVE DATE.

This Contract Extension shall become effective on January 1, 2018.

3. EXTENSION.

The contract documents are hereby extended and shall run through December 31, 2018.

4. COMPENSATION.

The City shall pay an additional amount not to exceed **SIXTY THOUSAND AND NO/100 DOLLARS (\$60,000.00)**, for everything furnished and done under this Contract Extension.

IN WITNESS WHEREOF, in consideration of the terms, conditions and covenants contained, or attached and incorporated and made a part, the parties have executed this Contract Extension by having legally-binding representatives affix their signatures below.

KONECRANES INC.

CITY OF SPOKANE

By _____
Signature Date

By _____
Signature Date

Type or Print Name

Type or Print Name

Title

Title

Attest:

Approved as to form:

City Clerk

Assistant City Attorney

Attachments that are part of this Contract Extension:

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2017-0106
<u>Renews #</u>	

Submitting Dept	INTEGRATED CAPITAL	Cross Ref #	
Contact Name/Phone	BRANDON 625-6419	Project #	
Contact E-Mail	BBLANKENAGEL@SPOKANECITY.ORG	Bid #	
Agenda Item Type	Contract Item	Requisition #	
Agenda Item Name	4250 - INTERLOCAL AGREEMENT WITH SPOKANE TRANSIT AUTHORITY		

Agenda Wording

Interlocal Agreement with Spokane Transit Authority (STA) to fund the construction of the Greene & Ermina Traffic Signal project.

Summary (Background)

STA and the City are entering an agreement to share the cost of implementing a traffic signal at the intersection of Greene St and Ermina Ave. This in regard to an MOU executed on August 22, 2017 between STA, SCC, and the City of Spokane. The funding split for the project will be 80/20 with STA investing up to \$600,000, and the City's Arterial Street Fund matching at 20% up to \$150,000.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	
Revenue	\$ \$600,000.00	# 3200 49840 95100 56501 86011
Expense	\$ \$750,000.00	# 3200 49840 95100 56501 86011
Select	\$	#
Select	\$	#
<u>Approvals</u>		<u>Council Notifications</u>
<u>Dept Head</u>	DAVIS, MARCIA	<u>Study Session</u>
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u> Finance - 10/16/17
<u>Finance</u>	CLINE, ANGELA	<u>Distribution List</u>
<u>Legal</u>	DALTON, PAT	Engineering Admin
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	mdoval@spokanecity.org
<u>Additional Approvals</u>		mhughes@spokanecity.org
<u>Purchasing</u>		bblankenagel@spokanecity.org
		publicworksaccounting@spokanecity.org

BRIEFING PAPER
Finance and Administration Committee
Integrated Capital Management
October 16, 2017

Subject

Interlocal Agreement with Spokane Transit Authority (STA) to fund the construction of the Greene Street & Ermina Avenue Traffic Signal project

Background

STA and the City are entering an agreement to share the cost of implementing a traffic signal at the intersection of Greene Street and Ermina Avenue. This in regard to an MOU executed on August 22, 2017 between STA, SCC, and the City of Spokane. The funding split for the project will be 80/20 with STA investing up to \$600,000, and the City's Arterial Street Fund matching at 20% up to \$150,000.

This project has been in the 6-Year Street Program since 2016, and ICM has been seeking grants to fulfill construction funding needs. Design has been conducted using Traffic Calming program funding, and is complete. This agreement will facilitate the construction phase only.

Impact

This agreement would facilitate the construction of the traffic signal as listed. The agreement requires that the project construction begins before April 30, 2018. Arterial Street funds are programmed for this expense.

Action

Approve this Interlocal Agreement with STA.

City Clerk's No. _____

**INTERLOCAL AGREEMENT
BETWEEN
CITY OF SPOKANE
AND SPOKANE TRANSIT AUTHORITY**

THIS INTERLOCAL AGREEMENT "(Agreement)" is between the CITY OF SPOKANE, a Washington State municipal corporation, as ("City") and SPOKANE TRANSIT AUTHORITY, a Washington State municipal corporation, as ("STA"), whose address is 1230 West Boone Avenue, Spokane, Washington 99201; each referred to as "Party" and jointly referred to as "Parties".

WHEREAS, in May of 2017 Community Colleges of Spokane ("CCS") completed the *Spokane Community College North Spokane Corridor Interface Planning Phase 2* ("Interface Planning"), to develop a long-range blueprint for the physical development of the Spokane Community College Campus in response to the impact of the proposed North Spokane Corridor; and

WHEREAS, the completed Interface Planning calls for the reorientation of the Spokane Community College ("SCC") campus towards Mission Avenue on the south, relocating the STA transit center to the south side of campus and revising the SCC primary vehicular circulation pattern; and

WHEREAS, Ermina Avenue is one of two designated main entries to SCC for the planned revised vehicular circulation patterns; and

WHEREAS, there is currently not a traffic signal at Ermina Avenue and Greene Street and a traffic signal is needed to ensure safe and efficient vehicle and pedestrian access in and out of the SCC campus; and

WHEREAS, a timely installation of a traffic signal at Ermina Avenue and Greene Street will help address safety and reliability issues for bus routes connecting at the STA transit center at its current location on the west side of the SCC campus; and

WHEREAS, the City has completed the majority of the engineering design for a traffic signal at Ermina Avenue and Greene Street;

WHEREAS, the STA Board of Directors has approved *STA Moving Forward*, a ten-year plan of transit improvements, which calls for an expanded transit center to be constructed at SCC in 2019; and

WHEREAS, STA has secured local and grant funding for an expanded transit center at SCC; and

WHEREAS, STA desires to improve the safety, comfort and convenience of transit service for its customers by advancing short and long-term improvements at SCC; and

WHEREAS, the City is committed to providing a well-maintained, multi-modal transportation system to promote safe and efficient mobility for all.

-- NOW, THEREFORE,

The Parties agree as follows:

- I. PURPOSE. The purpose of this Agreement is to collaborate in good faith to implement the visions put forth in Spokane Community College North Spokane Corridor Interface Planning Phase 2 and STA Moving Forward for the installation of a traffic signal at Ermina Avenue.
 - II. EXPENSE ALLOCATION and RESPONSIBILITIES.
 - A. City. The City will perform the design, bidding and construction management of a new traffic signal at Ermina Avenue and Greene Street. Total expenses paid by the City for this traffic signal shall not exceed twenty percent (20%) of the total project costs or ONE HUNDRED FIFTY THOUSAND DOLLARS and ZERO CENTS (\$150,000.00), whichever is less.
 - B. STA. STA will contribute up to SIX HUNDRED THOUSAND DOLLARS and ZERO CENTS (\$600,000.00) or eighty percent (80%) of the total project costs, whichever is less, for the construction of a traffic signal at Ermina Avenue and Greene Street if construction starts prior to April 30, 2018.
 - C. Exhibit A provides a breakdown of the current cost estimate and is provided as an example of the 80/20 split. Actual construction costs will be used at project closeout using the 80/20 split to determine the final financial obligations of each Party. If project costs exceed SEVEN HUNDRED FIFTY THOUSAND DOLLARS and ZERO CENTS (\$750,000.00), the Parties will negotiate in good faith to amend the terms of this Agreement in accordance with the Purpose set forth in Section I.
- TERM. This Agreement shall commence on November 1, 2017 and expire upon final and mutual acceptance of the project by the Parties, unless terminated earlier in

accordance with Section 0 herein.

III. TERMINATION.

- A. Default. This Agreement will automatically terminate for default if construction of the traffic signal does not commence on or before April 30, 2018. If termination by default occurs, STA shall have zero financial responsibility to the City for all expenses incurred by the City up through and including April 30, 2018.
- B. Convenience. This Agreement may be terminated by either Party upon sixty (60) days written notice to the other Party. Each Party shall be financially responsible for expenses incurred for the project in accordance with the expense allocation specified in Section II herein, through the date of termination.

IV. LIABILITY.

- A. The City shall defend, indemnify and hold harmless STA, its officers, employees and agents, from any claim, damage, loss, liability, injury, cost and expense arising out of the negligence of the City, its officers, employees and agents in connection with this Agreement, except to the extent of the negligence of STA, its officers, employees and agents. If an action, claim or proceeding instituted by a third party is directed at work or action taken by the City solely on behalf of STA, its officers, employees and agents, STA shall defend, indemnify and hold harmless the City from any expenses connected with the defense, settlement, or monetary judgment ensuing from such actions, claims, or proceedings.
- B. STA shall defend, indemnify and hold harmless the City, its officers, employees and agents, from any claim, damage, loss, liability, injury, cost and expense arising out of the negligence of STA, its officers, employees and agents in connection with this Agreement, except to the extent of the negligence of the City, its officers, employees and agents. If an action, claim or proceeding instituted by a third party is directed at work or action taken by STA solely on behalf of the City, its officers, employees and agents, the City shall defend, indemnify and hold harmless STA from any expenses connected with the defense, settlement, or monetary judgment ensuing from such actions, claims, or proceedings.
- C. Each Party specifically assumes potential liability for actions brought by its own employees against the other Party, and solely for the purposes of this indemnification, each Party specifically waives any immunity under Title 51 RCW. The Parties have specifically negotiated this provision.

- V. ASSIGNMENT. Neither Party may assign its interest in this Agreement without the express written consent of the other Party.

- VI. **SEVERABILITY.** In the event any portion of this Agreement should become invalid or unenforceable, the rest of the Agreement shall remain in full force and effect.
- VII. **NOTICES.** All notices, requests, claims, demands and other communications shall be in writing and shall be signed by a person duly authorized to provide such notice. Notices permitted or requested to be given hereunder shall be deemed sufficient if given (1) in person; (2) by registered or certified mail, postage prepaid, return receipt requested; (3) by facsimile or email, addressed to the respective contact of the Parties as set forth below, or as may be revised by like notice from time to time.

All notices shall be deemed to have been duly given (1) when delivered in person; (2) upon receipt after dispatch by registered or certified mail, postage prepaid; or (3) upon confirmation of receipt when transmitted by facsimile or a read receipt when transmitted by email.

Spokane Transit Authority	City of Spokane
Robert West Contracts Compliance Specialist Spokane Transit Authority 1230 W Boone Ave Spokane, WA 99201 E: rwest@spokanetransit.com P: (509) 325-6000 F: (509) 325-6036	Brandon Blankenagel Senior Engineer - ICM City of Spokane 808 W Spokane Falls Blvd Spokane, WA 99201 E: bblankenagel@spokanecity.org P: (509) 625-6419 F: (509) 625-6349

- VIII. **COMMUNICATIONS.** Any administrative or operational communications required by the Parties' obligations to perform under this Agreement shall be directed to the Parties' designated representatives below:

Spokane Transit Authority	City of Spokane
Jessica Charlton Capital Projects Manager Spokane Transit Authority 1230 W Boone Ave Spokane, WA 99201 E: jcharlton@spokanetransit.com P: (509) 325-6049 F: (509) 325-6050	Brandon Blankenagel Senior Engineer - ICM City of Spokane 808 W Spokane Falls Blvd Spokane, WA 99201 E: bblankenagel@spokanecity.org P: (509) 625-6419 F: (509) 625-6349

Communications to be given hereunder shall be deemed sufficient if given (1) in person; (2) by mail, postage prepaid; or (3) by facsimile or email, addressed to the designated representative of the Parties as set forth above, or as may be revised by written notice in accordance with Section VII of this Agreement.

- IX. MODIFICATION. No modification or amendment to this Agreement shall be valid until put in writing and signed with the same formalities as this Agreement.
- X. INSURANCE. During the term of the Agreement, each Party shall maintain in force at its sole expense, the following insurance coverage(s):
 - A. Worker's Compensation Insurance in compliance with RCW 51.12.020, which requires subject employers to provide workers' compensation coverage for all their subject workers and Employer's Liability Insurance in the amount of \$1,000,000; and
 - B. General Liability Insurance on an occurrence basis, with a combined single limit of not less than \$1,000,000 each occurrence for bodily injury and property damage; and
 - C. Automobile Liability Insurance with a combined single limit, or the equivalent of not less than \$1,000,000 each accident for bodily injury and property damage, including coverage for owned, hired and non-owned vehicles.
 - D. There shall be no cancellation, material change, reduction of limits or intent not to renew the insurance coverage(s) without sixty (60) days written notice from a Party or its insurer(s) to the other Party.
- XI. COMPLIANCE WITH LAWS. The Parties shall observe all federal, state and local laws, ordinances and regulations, to the extent they may be applicable to the terms of this Agreement.
- XII. NONDISCRIMINATION. No individual shall be excluded from participation in, denied the benefit of, subjected to discrimination under, or denied employment in the administration of or in connection with this Agreement because of age, sex, race, color, religion, creed, marital status, familial status, sexual orientation including gender expression or gender identity, national origin, honorably discharged veteran or military status, the presence of any sensory, mental or physical disability, or use of a service animal by a person with disabilities. The Parties agrees to comply with, and to require that all subcontractors comply with, federal, state and local nondiscrimination laws, including but not limited to: the Civil Rights Act of 1964, the Rehabilitation Act of 1973, the Age Discrimination in Employment Act, and the American's With Disabilities Act, to the extent those laws are applicable.

- XIII. VENUE. This Agreement shall be construed under the laws of Washington State. Any action at law, suit in equity or judicial proceeding regarding this Agreement or any provision hereto shall be instituted only in courts of competent jurisdiction within Spokane County, Washington.
- XIV. COUNTERPARTS. This Agreement may be executed in any number of counterparts, each of which, when so executed and delivered, shall be an original, but such counterparts shall together constitute but one and the same.
- XV. ANTI-KICKBACK. No officer or employee of the City or STA, having the power or duty to perform an official act or action related to this Agreement, shall have or acquire any interest in the Agreement, or have solicited, accepted or granted a present or future gift, favor, service or other thing of value from or to any person involved in this Agreement.
- XVI. RCW 39.34 REQUIRED CLAUSES.
- A. Purpose. See Section I above.
 - B. Duration. See Section 0 above.
 - C. Organization of Separate Entity and Its Powers. No new or separate legal or administrative entity is created to administer the provisions of this Agreement.
 - D. Responsibilities of the Parties. See Sections II.A and II.B above.
 - E. Agreement to be Filed. In lieu of filing this Agreement with the Spokane County Auditor, the City shall file this Agreement with its City Clerk and promptly post it on its internet website in accordance with RCW 39.34.040, and STA shall file this Agreement in its usual fashion.
 - F. Financing. Each Party shall advise the other Party, during its yearly regular budget hearings, on the proposed budget changes (only) affecting this Agreement. Each Party shall be solely responsible for the financing of its contractual obligations under its normal budgetary process.
 - G. Termination. See provision 0 above.
 - H. Acquisition / Disposition of Property. Title to the property acquired, installed or constructed by the City in the performance of this Agreement shall vest in the City upon completion and shall remain with the City upon termination or expiration of this Agreement.

[signatures on the following page]

Dated: _____

CITY OF SPOKANE

David Condon
Mayor of Spokane

Attest:

Approved as to form:

City Clerk

Assistant City Attorney

Dated: _____

SPOKANE TRANSIT AUTHORITY

E. Susan Meyer
Chief Executive Officer

Attest:

Approved as to form:

Jan Watson, Clerk of the Authority

Laura D. McAloon, Legal Counsel

17-648

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/16/2017
<u>Clerk's File #</u>	OPR 2017-0380
<u>Renews #</u>	

Submitting Dept	WATER & HYDROELECTRIC SERVICES	Cross Ref #	
Contact Name/Phone	LOREN SEARL 625-7851	Project #	
Contact E-Mail	LSEARL@SPOKANECITY.ORG	Bid #	SW48-17
Agenda Item Type	Contract Item	Requisition #	CR 18574
Agenda Item Name	4100 - UTILITY CUT SIDEWALK & CURB REPAIRS - ADDT'L FUNDS		

Agenda Wording

Amendment to existing contract for Utility Cut Sidewalk and Curb Repairs with Bacon Concrete, Inc. (Spokane, WA) for \$35,000.00 (bringing the total contract value to \$115,000.00).

Summary (Background)

Small Works Roster Bid #SW48-17 was opened April 6, 2017 to contract this work for the Water and Wastewater Maintenance departments and was awarded to Bacon Concrete by Council approval on June 5, 2017. Additional funding is needed to support an unanticipated increase in Water department repairs during the 2017 season. This amendment does not represent a renewal, but only adds funds to the existing agreement.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? YES	

Expense	\$ 35,000.00	# 4100-42420-34148-54809-99999
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>		<u>Council Notifications</u>	
<u>Dept Head</u>	KEGLEY, DANIEL	<u>Study Session</u>	
<u>Division Director</u>	FEIST, MARLENE	<u>Other</u>	PWC 5/22/2017
<u>Finance</u>	CLINE, ANGELA	Distribution List	
<u>Legal</u>	SCHOEDEL, ELIZABETH	SJOHNSON@SPOKANECITY.ORG	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	CWAHL@SPOKANECITY.ORG	
<u>Additional Approvals</u>		LSEARL@SPOKANECITY.ORG	
<u>Purchasing</u>	WAHL, CONNIE	KJOHNSON@SPOKANECITY.ORG	
		ACLIN@SPOKANECITY.ORG	
		LROFF@SPOKANECITY.ORG	

BRIEFING PAPER
Public Works Committee
Water & Wastewater Maintenance
May 22, 2017

Subject

Contract for Utility Cut Sidewalk and Curb Repairs with Bacon Concrete, Inc. (Spokane, WA) for \$80,000.00 including tax.

Background

Small Works Roster Request for Bids #SW48-17 was opened April 6, 2017 to contract Utility Cut Sidewalk and Curb Repairs for the Water & Wastewater Maintenance departments. Seventy-six (76) contacts were included on the bid distribution and two (2) bids were received. The business is being awarded to Bacon Concrete, Inc. in accordance with the lowest minimum set-up fee and rates for services most commonly used (Schedule A Cement Concrete Curb, Schedule B Remove Cement Concrete or Asphalt S/W & D/W and Remove Existing Curb or Asphalt).

Impact

This contract will support the repair of sidewalks and curbs throughout the City of Spokane as needed due to Water and Wastewater projects.

Action

Recommend approval.

Funding

All funding for this purchase will be from the Water and Wastewater Maintenance department budgets, respectively.



City of Spokane

CONTRACT AMENDMENT

Title: Utility Sidewalk and Curb Repairs

This Contract Amendment is made and entered into by and between the **City of Spokane** as ("City"), a Washington municipal corporation, and **BACON CONCRETE, INC.**, whose address is 16510 North Brannon Lane, Spokane, Washington 99208 as ("**Contractor**").

*WHEREAS, the parties entered into a Contract wherein the **Contractor** agreed to provide for the City Utility Cut Sidewalk and Curb Repairs as needed due to Water and Wastewater Maintenance Projects; and*

WHEREAS, a change or revision of the Work has been requested, thus the original Contract needs to be formally Amended by this written document; and

-- NOW, THEREFORE, in consideration of these terms, the parties mutually agree as follows:

1. CONTRACT DOCUMENTS.

The Contract, dated May 23, 2017, any previous amendments, addendums and / or extensions / renewals thereto, are incorporated by reference into this document as though written in full and shall remain in full force and effect except as provided herein.

2. EFFECTIVE DATE.

This Contract Amendment shall become effective on October 11, 2017 and shall end on December 31, 2017.

3. ADDITIONAL WORK.

The Scope of Work in the original Contract is revised to include the following:

Additional funding is needed to support unanticipated increase in Water department repairs during the 2017 season.

4. COMPENSATION.

The City shall pay an additional amount not to exceed **THIRTY FIVE THOUSAND AND NO/100 DOLLARS (\$35,000.00)** for everything furnished and done under this Contract Amendment. This is the maximum amount to be paid under this Amendment, and shall not be exceeded without the prior written authorization of the City, memorialized with the same formality as the original Contract and this document.

2

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/18/2017
<u>Clerk's File #</u>	PRO 2016-0035
<u>Renews #</u>	

Submitting Dept	ENGINEERING SERVICES	Cross Ref #	
Contact Name/Phone	KYLE TWOHIG 625-6152	Project #	2010087
Contact E-Mail	KTWOHIG@SPOKANECITY.ORG	Bid #	
Agenda Item Type	Contract Item	Requisition #	
Agenda Item Name	0370 - CSO BASIN 24 - WALKER-HALME, JOINT VENTURE		

Agenda Wording

Amendment 4 of the AIA A133-2009 Agreement as per the GC/CM Alternate Delivery Agreement establishes the final price for the CSO Basin 24 Control Facility scope. The total contract cost is \$22,808,548.82 excluding sales tax. An Admin reserve of

Summary (Background)

On October 17, 2016, Council approved the contract with Walker-Halme, Joint Venture for the construction of the CSO 24 Control Facility. This amendment consists of the remainder of the project scope to construct a two million gallon storage facility with associated restoration, including plaza amenities. This phase negotiated with Walker-Halme, Joint Venture, is a cost reimbursable format, with a Guaranteed Maximum Price not to exceed \$12,318,194.59 excluding sales tax.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? YES	

Expense	\$ 1,000,000.00	# 4340 43416 94000 56501 10026
---------	-----------------	--------------------------------

Select	\$	#
--------	----	---

Select	\$	#
--------	----	---

Select	\$	#
--------	----	---

ApprovalsCouncil Notifications

<u>Dept Head</u>	TWOHIG, KYLE
------------------	--------------

Study Session

<u>Division Director</u>	FEIST, MARLENE
--------------------------	----------------

Other

PIES 10/23/17

<u>Finance</u>	DOVAL, MATTHEW
----------------	----------------

Distribution List

<u>Legal</u>	DALTON, PAT
--------------	-------------

Engineering Admin

<u>For the Mayor</u>	DUNIVANT, TIMOTHY
----------------------	-------------------

mhughes@spokanecity.org

Additional Approvals

mdoval@spokanecity.org

Purchasing

htrautman@spokanecity.org

publicworksaccounting@spokanecity.org

ktwohig@spokanecity.org



Continuation of Wording, Summary, Budget, and Distribution

Agenda Wording

\$1,140,427.44 which is 5% of the total contract cost will be set aside. (Riverside Neighborhood Council)

Summary (Background)

Fiscal Impact

Select \$

Select \$

Budget Account

#

#

Distribution List

BRIEFING PAPER
PIES Committee
Engineering Services
October 23, 2017

Subject:

CSO 24 (1st Avenue & Adams Street) – Amendment #4 Control Facility Construction and Balance of Project (Guaranteed Maximum Price)

Background:

CSO 24 is one of two downtown tanks (CSO 26 being the other) both of which are being constructed by the GC/CM delivery method. This delivery method will involve multiple bid packages being let as opposed to the more conventional method where the entire project is bid in a single bid package. With design completed and the bulk of the project bought out, the final guaranteed maximum price has now been established.

Project Description:

Phase 4: Control Facility Construction and Balance of Project is the final contract phase for the construction of CSO 24 and consists of the remaining work for the completion of the tank facility, inlet and outlet piping, road restoration, and plaza construction

Previously, early packages have been awarded to accelerate the project construction by relocating utilities, installing outfall piping, and beginning shoring and excavation activities. This package consists of the remainder of the project scope to construct a 2.4 million gallon storage facility with associated restoration, including plaza amenities.

This phase was negotiated with the general contractor/construction manager Walker/Halme Joint Venture. The work is performed in a cost reimbursable format, with a Guaranteed Maximum Price not to exceed \$12,318,194.59 plus tax.

This amendment establishes the final price for the project scope. The total contract cost is \$22,808,548.82 plus sales tax.

Public Impact:

One lane of traffic will remain open on either Sprague or Riverside Ave. until fully restored prior to Bloomsday 2018. Next summer, 1st Avenue and Cedar Street will be closed for deep utility installation and an eastbound detour route will be established. Adams Street between Sprague Avenue and 1st Avenue. will continue accommodate local access for KHQ only and be closed to all other traffic.

CITY OF SPOKANE
Engineering Department
1st & ADAMS CSO #24 CONTROL FACILITY
GCCM SERVICES

<p>AMENDMENT #4 TO THE AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER Approval of GC/CM Tank and Balance of Project and Notice to Proceed</p>
--

Pursuant to Section 2.3.1 of the AIA A133-2009 Agreement, dated October 17, 2016, between the City of Spokane (Owner) and Walker-Halme, Joint Venture (WHJV) (Construction Manager), for the 1st & Adams Combine Sewer Overflow Facility (CSO #24) (the Project), the Owner and the Construction Manager establish a Price and Contract time for the GC/CM Tank and Balance of Project Package as set forth below.

ARTICLE I: PRICE

The price of the work for this amendment is in the amount of Twelve Million, Three hundred eighteen thousand, One hundred ninety-five dollars. (\$12,318,195.00). See attached EXHIBITS A – J for a breakdown for development of the Price.

The final Guaranteed Maximum Price for the entire project (GMP Amendment No 1-4) is Twenty-Two Million, Eight Hundred Eight Thousand, Five Hundred Forty-Nine dollars. (\$22,808,549).

ARTICLE II: CONTRACT TIME

Upon execution of this Amendment, the Contractor's NOTICE TO PROCEED is November 6, 2017. The Construction Manager shall achieve phased Substantial Completion on this amendment and the entire project no later than December 21, 2018 and final completion on May 8, 2019.

ARTICLE III: GUARANTEED MAXIMUM PRICE AND OTHER PROVISIONS

The Price and Price Components for the work established above, the scope of this work and the Contract Time for this work shall be incorporated into the GMP Agreement and executed in a subsequent Amendment to the Contract.

**ACCEPTED BY CONSTRUCTION
MANAGER:**



Ed Walker, Manager

10.18.17

DATE



Brett Davidson

ACCEPTED BY OWNER:

Signature Name of Owner

DATE

ATTEST

- EXHIBIT A – Itemized Statement of Price
- EXHIBIT B – Bid Package Tabulation and Price Components for the Cost of the Work
- EXHIBIT C – Drawing List
- EXHIBIT D - Specifications List
- EXHIBIT E - Addenda issued
- EXHIBIT F - Allowance items (Not Used)
- EXHIBIT G - Assumptions, Clarifications and Deviations Made in Preparing
the Guaranteed Maximum Price (Not Used)
- EXHIBIT H - Construction Progress Schedule
- EXHIBIT I - Alternate Prices (Not Used)
- EXHIBIT J - Unit Prices (Not Used)

EXHIBIT A Itemized Statement of Price. (Tank and Balance of Project Bid Package Summary Table) to GMP AMENDMENT NO. 4 TO THE AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER

Pursuant to Sections 1.0.25, 2.2, 5.2 and Article 6 of the Agreement, the tables below and the following page reflects the City's approved and executed GMP amendments to date in the contract. Itemized statement of price and record of negotiations are enclosed.

1st & Adams CSO #24 Contract GMP Amendment Summary Table			
	Date Executed	Amount	Notes
GMP Amendment No. 1 (Utility Relocates)	2/6/2017	\$ 708,827	
GMP Amendment No. 2 (Shoring & Excavation)	4/28/2017	\$ 6,601,163	
GMP Amendment No. 3 (Tank Outlet Utilities)	5/15/2017	\$ 2,941,004	
GMP Amendment No. 3A (Install Utils/Storm water on Riverside/Sprague)	10/11/2017	\$ 239,360	
GMP Amendment No 4 (Tank and Balance of Project)		\$ 12,318,195	
Final Project Guaranteed Maximum Price		\$ 22,808,549	

Final GMP negotiations were completed in August 2018.

Base Bid Amount for the Work within the Right-of-Way (SCHED A)		\$ 5,776,400	"Use Tax" amount in the base bid amount
Base Bid Amount for the Work outside the Right-of-Way (SCHED B)		\$ 4,603,754	Subject to full Washington State Sales Tax Rate of 8.*8%
Subtotal Cost of the Work		\$ 10,380,155	
Negotiated Support Services for SCHEDULE A		\$ 627,944	Subject to USE TAX (In Right of Way)
Negotiated Support Services for SCHEDULE B		\$ 500,468	Subject to full Washington State Sales Tax Rate of 8.*8%
Specified General Conditions for SCHEDULE A		\$ -	No SGC in this Amendment
Specified General Conditions for SCHEDULE B		\$ -	No SGC in this Amendment
Subtotal to apply GC/CM Fee @ 3.035%		\$ 11,508,567	
GC/CM Fee; Article 5.1 of AIA A133 Agreement	3.035%	\$ 349,285	
GC/CM Contingency at 4% of Cost of the Work; Article 2.2.4.1 of AIA A133 Agreement	4.00%	\$ 460,343	
1st & ADAMS TOTAL GMP AMENDMENT NO 4		\$ 12,318,195	
Applicable Washington State Sales Tax (WSST) at 8.80%	8.80%	\$ 580,367	For budget purposes only. NOT part of the GMP and for applicable SCHEDULE B WORK

1st & Adams CSO #24 FINAL ITEMIZED STATEMENT OF PRICE			
	%	PRICE	NOTES
Cost of the Work Bid/Subcontract WHJV BID		\$ 13,042,964	Allowances identified in each GMP Amendment
Cost of the Work Subcontract		\$ 5,590,563	Allowances identified in each GMP Amendment
Subtotal Cost of the Work		\$ 18,633,527	
Negotiated Support Services		\$ 1,745,804	
Specified General Conditions		\$ 929,759	Per Price Proposal
GC/CM Fee	3.035%	\$ 647,095	Per Price Proposal
GC/CM Contingency	4%	\$ 852,364	Per AIA A33 Agreement
1st & Adams CSO #24 GMP FINAL ITEMIZED STATEMENT OF PRICE		\$ 22,808,549	

A reconciliation accounting of this GMP Amendment will be conducted and change orders will be issued to account for variances as to reconciled allowances, costs and/or actual price.

Enclosure 1 is the record of negotiations and includes a mutually agreed to limited notice to proceed for procurement of materials and supplies prior execution this GMP Amendment.

Enclosure 2 is the final project budget estimate and cost summary report. The intent of this report is to be used by the City of Spokane and its GC/CM contractor to reconcile budgeted allowances with to be determined bid dates on later bid packages and negotiated support services. Reconciliations will occur as dictated by the project schedule.

Enclosure 1 (Record of Negotiations)

Enclosure 2 (Final Project Budget Estimate & Cost Summary Report)

ENCLOSURE 1 (Record of Negotiations) for GMP Amendment NO. 4 (1st & Adams CSO 24)

The following topics represent the agreed to price and or time issues that are incorporated into the Price for this GMP Amendment.

1. Price Component

a. Bidding and Cost of the Work:

- 1) WHJV and the City met, reviewed, negotiated and reconciled their respective estimates for the scope and cost of the work for this Component prior to and during solicitation for bids. Concurrence on the scope and estimated budget of the bid packages estimates, actual costs, allowances, NSS and use/sale taxes were reached on or about the week of August 25-29, 2017
- 2) Exhibit B contains the categories and pricing components of the work and other cost associated with this GMP Amendment.
- 3) The City of Spokane granted limited notice of intent to award on September 7, 2017, in response to a request by WHJV to acquire materials and supplies in support of bid packages 5,6,7,8,13 and 17.
- 4) To maintain the current project schedule, the City of Spokane on October 9, 2017 and WHJV mutually agreed to WHJV's request, via email on October 6, 2017, to allow WHJV to proceed with the procurement and installation only of materials incorporated or embedded in the slab prior to execution of this GMP Amendment.

Subcontract Bid Package #4 - Structural Concrete - WHJV

Authorization for WHJV crews to initiate procurement and installation of foundation slab form materials, tools, water stop, and curing materials. Authorization for WHJV to issue contracts to second tier subcontractors for pumping, placing, and finishing the foundation slabs.

Subcontract Bid Package #5 - Supply and Install Reinforcing Bar - Tri-States Rebar

Fabrication and installation of foundation slab reinforcing

Subcontract Bid Package #6 - Concrete Supply - Spokane Rock Products

Foundation slab concrete

Subcontract Bid Package #7 - Metal Fabrications - Tri-States Metal Fabrication

Structurally embedded components

Subcontract Bid Package #8 - Balance of Precast - H2 Precast

Limited to specific storm drain structures necessary for the completion of the Sprague, Riverside, and Cedar intersection.

Subcontract Bid Package #13 - Balance of Pipe - HD Supply

Limited to specific storm drain pipe and fittings necessary for the completion of the Sprague, Riverside, and Cedar intersection.

Subcontract Bid Package #17 - Street Construction - Inland Asphalt

Limited to specific work necessary for the completion of the Sprague, Riverside, and Cedar intersection.

b. Negotiated Support Services:

- 1) The negotiated support services listed in this GMP Amendment are the negotiated costs and rates that are associated with the scope of the work for this Component and duration as identified in the construction schedule at Exhibit H.
- 2) The itemized NSS cost matrix was assembled and presented for review. Equipment and labor rates appear reasonable. The Contractor must substantiate actual costs with subcontractor invoices, receipts, payrolls, etc.
- 3) WHJV indicated that all NSS component costs in this GMP amendment are either within the right of way and are subject to the "Use Tax" or Washington State Sale Tax. Use tax costs are included in the cost.
- 4) Other mutually agreed to NSS terms and costs are:
 - a) The crane will be billed at the monthly rate, which includes operating cost, (maintenance, fuel, etc.) as shown on the NSS matrix breakdown of cost.
 - b) The forklift will be billed at the flat monthly rental rate plus the hourly operating rate when operated as shown on the NSS matrix breakdown of cost.
 - c) All other equipment will be bill at the most current rate as found on equipment watch. Equipment, excluding the crane and forklift above, that is required to be onsite for NSS purpose only, will be billed at the standby rate when not in use.

- c. Special General Conditions (SGC): All SGC's are negotiated and incorporated into previous GMP Amendments.
 - d. GC/CM Fee of 3.035% is per Article 5.1 of the AIA A133 Agreement.
 - e. GC/CM Contingency at 4% for the Cost of the Work is per Article 2.2.4.1 of AIA A133 Agreement.
2. Washington State Sales Tax (WSST) and Use Tax Provisions: As previously negotiated in GMP Amendment No. 2, the following language is incorporated into this Amendment for continuity and reference.

"When the original contract was written, the City had not yet determined the correct method of applying tax to this project. To prevent delays the original contract was executed with the assumption that the entire project would be taxable under WAC 458-20-170 (Tax Rule 170). Upon further review, the City of Spokane made the determination that portions of the project are taxable under WAC 458-20-171 (Use Tax Rule 171) and portions remain taxable under Tax Rule 170.

This amendment revises the contract to allow the City to define which portions of the project and associated costs of the work are applicable to Washington State Sales Tax (WSST) - Tax Rule 170 and which portions of the project and associated costs of the work are applicable to Use Tax - Use Tax Rule 171. The City of Spokane will identify and coordinate with the General Contractor/Construction Manager (GC/CM) on all scopes of work that are applicable to Use Tax (Rule 171) and Washington State Sales Tax (Rule 170). The GC/CM is responsible for coordinating and incorporating into the bid documents, instruction to bidders, pre-bid meetings and forms of bids on the determination of Use and Sale Tax.

The Contractor is responsible for paying all appropriate use taxes directly to the State (Use Tax Rule 171). The City will pay to the Contractor full Washington State Sales tax on the work identified as taxable under Rule 170. The City acknowledges that they retain tax liability for incorrect tax classification of the work.

Upon completion of each GMP Amendment scope of work, a final, joint reconciliation of all costs for each GMP Amendment will be conducted to determine if the GMP price(s) will need to be adjusted or re-negotiated to account for applicable use tax within the GMP. Washington state sales tax will be adjusted accordingly and tracked for budget purposes and application for payments submitted by the Contractor."

3. Subcontractor Supervision Approach:
4. Time: The GMP Amendment Construction Schedule is at Exhibit H.

The table below indicates the key dates for this GMP Amendment: (add other scopes of work by phase in the table, if warranted, per the CPM).

Activity	Start Date	Finish Date
Anticipated NTP	November 6, 2017	
Tank Construction/Testing	October 9, 2017	August 13, 2018
Tank Backfill (From GMP A2)	August 14, 2018	October 2, 2018
Tank MEP Installation	September 26, 2018	December 6, 2018
Start Up/Commissioning	December 7, 2018	December 20, 2018
Substantial completion		December 21, 2018
Closeout/ Final Completion	December 22, 2018	May 8, 2019

The tank and associated piping, appurtenances, controls, systems must be fully operational as designed, identification/resolution of punchlist items and commissioning must be completed and resolved as a condition prior to issuance or achieving substantial completion date.

The City of Spokane and WHJV mutually agree that landscaping (Bid Package #18) may need to stop in late fall and continued in the spring when planting and final landscaping is more favorable. If landscaping, or any other component of the work that does not impeded the full operations of the tank, is delayed, components must be completed prior to May 8, 2018.

As previously negotiated in GMP Amendment No. 2, the following is incorporated into this Amendment for continuity and reference.

The parties agree to use the attached 013200 Construction Progress Documentation specification section to serve as the basis of developing this and future GMP Amendments and the entire project design and construction CPM schedule. WHJV will submit a revised GMP schedule with its first application for payment that meets the minimum requirements of the contract documents (AIA A133, AIA A201 and these specifications). The Owner will review and provide comments to this revised baseline schedule. A joint meeting will be held to approve the baseline schedule for this and subsequent GMP Amendment construction schedules.

Attachments:

Negotiated Support Matrix Costs for this Amendment

ENCLOSURE 2 (Budget Estimate & Cost Summary Report) to EXHIBIT A for GMP
Amendment NO. 4 (1st & Adams CSO 24)

EXHIBIT B Tabulation of Bid Package(s) and Bid Package Pricing Components for the Cost of the Work to GMP AMENDMENT NO. 4 TO THE AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER:

Components of the work included in Amendment No. 4 include:

Bid Package	Description	Note	SCHED A (INSIDE ROW)	SCHED B (OUTSIDE ROW)
4	Structural Concrete		\$1,374,878.58	\$1,525,934.13
5	Rebar		\$ 453,405.00	\$ 483,222.00
6	Supply of Concrete		\$ 419,894.06	\$ 435,749.80
7	Steel Fabrication Supply		\$	\$ 110,105.00
8	Supply Precast Balance of Project		\$ 212,995.00	\$ 261,560.00
9	Waterproofing	Allowance	\$ 51,514.82	\$ 58,091.18
10	Flow Control Devices Supply		\$	\$ 199,428.00
11	Odor Control Units Supply		\$	\$ 175,000.00
12	Lift Station Pumps Supply		\$ 84,800.00	\$
13	Balance of Project Pipe Supply		\$ 66,000.00	\$ 227,434.34
14	Interior HVAC		\$	\$ 82,830.00
15	Electrical		\$ 489,900.00	\$ 359,400.00
16	Balance of Project Utilities	Allowance		
16A	Street Utilities	Allowance	\$ 1,888,779.00	
16B	Site Mechanical Allowance	Allowance		\$ 185,000.00
17	Street Construction		\$ 734,234.00	
18	Landscaping	Allowance		\$ 500,000.00
	Totals GMP NO 4 BID PACKAGES		\$ 5,776,400.46	\$ 4,603,754.45

The bid tabulation sheets are enclosed

Enclosure

ENCLOSURE 1(BID TABULATION SHEETS) to EXHIBIT B to CSO #24 GMP AMENDMENT
NO. 4

EXHIBIT C Drawing List (Drawings on which this Price is based) to GMP AMENDMENT NO. 4 TO THE AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER

The following list of drawings dated June 29, 2017 are at the following page of this Exhibit.

The actual drawings will be incorporated into the GMP Amendment No. 4 project record.

EXHIBIT D Specifications List (Specifications on which this Price is based) to GMP
AMENDMENT NO. 4 TO THE AGREEMENT BETWEEN OWNER AND CONSTRUCTION
MANAGER

The following list of specifications dated June 29, 2017 are at the following page of this Exhibit.

The actual specifications will be incorporated into the GMP Amendment No. 4 project record.

EXHIBIT E ADDENDA ISSUED to GMP AMENDMENT NO. 4 TO THE AGREEMENT
BETWEEN OWNER AND CONSTRUCTION MANAGER

The enclosed addendums were issued as part of this GMP Amendment:

Addenda No. 1 dated August 1, 2017 contains 23 pages and is at enclosure 1.

Addenda No. 2 dated August 10, 2017 contains four pages and is at enclosure 2.

Addenda No. 3 dated August 11, 2017 contains one page and is at enclosure 3.

3 Enclosures

EXHIBIT F Allowance items to GMP AMENDMENT NO. 4 TO THE AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER

The following allowance(s) is part of this GMP Amendment.

Per Exhibit B (Components of the Work – bid packages) the following are allowances the comprise a portion of the GMP Amendment costs:

Bid Package	Description	Note	SCHED A (INSIDE ROW)	SCHED B (OUTSIDE ROW)
9	Waterproofing	Allowance	\$ 51,514.82	\$ 58,091.18
16	Balance of Project Utilities	Allowance		
16A	Street Utilities	Allowance	\$ 1,888,779.00	
16B	Site Mechanical Allowance	Allowance		\$ 185,000.00
18	Landscaping	Allowance		\$ 500,000.00

EXHIBIT G Assumptions, Clarifications and Deviations to GMP AMENDMENT NO. 4 TO
THE AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER

NONE

EXHIBIT H Construction Progress Schedule to GMP AMENDMENT NO. 4 TO THE
AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER

Construction Progress Schedule

EXHIBIT I Alternate Prices to GMP AMENDMENT NO. 4 TO THE AGREEMENT BETWEEN
OWNER AND CONSTRUCTION MANAGER

The following alternate(s) is selected by the City and is part of this GMP Amendment.

NONE

EXHIBIT J Unit Prices to GMP AMENDMENT NO. 4 TO THE AGREEMENT BETWEEN
OWNER AND CONSTRUCTION MANAGER

The following unit price(s) are part of this GMP Amendment.

NONE

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/17/2017
<u>Clerk's File #</u>	OPR 2017-0748
<u>Renews #</u>	

Submitting Dept	PUBLIC DEFENDER	Cross Ref #	
Contact Name/Phone	KATHY KNOX 835-5972	Project #	
Contact E-Mail	KKNOX@SPOKANECITY.ORG	Bid #	
Agenda Item Type	Contract Item	Requisition #	
Agenda Item Name	0700 - 2018/19 OFFICE OF PUBLIC DEFENSE GRANT		

Agenda Wording

Approval to accept grant from the Washington State Office of Public Defense (OPD). OPD Grant GRT18507 is for \$175,000 for use in Public Defense. The grant period is 1/1/2018 through 12/31/2019.

Summary (Background)

The City of Spokane has received grant funding to provide public defense services at daily inmate first appearance hearings.

<u>Fiscal Impact</u>		Grant related? YES	<u>Budget Account</u>	
		Public Works? NO		
Revenue	\$ 87,500 - 2018		# 0700-95558-99999-33412-99999	
Revenue	\$ 87,500 - 2019		# 0700-95559-99999-33412-99999	
Select	\$		#	
Select	\$		#	
Approvals			Council Notifications	
<u>Dept Head</u>		KNOX, KATHY	<u>Study Session</u>	PSC 7/17/17
<u>Division Director</u>			<u>Other</u>	
<u>Finance</u>		ORLOB, KIMBERLY	Distribution List	
<u>Legal</u>		DALTON, PAT	korlob@spokanecity.org	
<u>For the Mayor</u>		DUNIVANT, TIMOTHY	rkokot@spokanecity.org	
Additional Approvals			llok@spokanecity.org	
<u>Purchasing</u>			sbrown@spokanecity.org	

FACE SHEET

WASHINGTON STATE OFFICE OF PUBLIC DEFENSE

1. Grantee City of Spokane 808 W Spokane Falls Blvd Spokane, WA 99201-0189	2. Grantee Representative Kathy Knox Public Defender 824 N. Monroe Street Spokane, WA 99201
3. Office of Public Defense (OPD) 711 Capitol Way South, Suite 106 PO Box 40957 Olympia, WA 98504-0957	4. OPD Representative Joanne I. Moore Director Office of Public Defense 711 Capitol Way South, Suite 106 PO Box 40957 Olympia, WA 98504-0957
5. Grant Amount \$175,000	6. Grant Period January 1, 2018 through December 31, 2019
7. Grant Purpose The Chapter 10.101 RCW city grants are competitive grants for the purpose of improving the quality of public defense services in Washington municipalities. (<u>See</u> Chapter 10.101 RCW.)	
The Office of Public Defense (OPD) and Grantee, as defined above, acknowledge and accept the terms of this Grant Agreement and attachments and have executed this Grant Agreement on the date below to start January 1, 2018 and end December 31, 2019. The rights and obligations of both parties to this Grant are governed by this Grant Agreement and the following other documents incorporated by reference: Special Terms and Conditions of the City Grant Agreement, General Terms and Conditions of City Grant Agreement, and Exhibits A, B, and C.	
FOR THE GRANTEE _____ Name, Title _____ Date	FOR OPD _____ Joanne I. Moore, Director _____ Date

SPECIAL TERMS AND CONDITIONS OF THE CITY GRANT AGREEMENT

1. GRANT MANAGEMENT

The Representative for each of the parties shall be responsible for and shall be the contact person for all communications regarding the performance of this Grant.

- a. The Representative for OPD and their contact information are identified on the Face Sheet of this Grant.
- b. The Representative for the Grantee and their contact information are identified on the Face Sheet of this Grant.

2. GRANT AWARD AMOUNT

The Grantee is awarded one hundred seventy-five thousand and 00/100 Dollars (\$175,000) to be used for the purpose(s) described in the USE OF GRANT FUNDS below. One-half of the award amount shall be disbursed to Grantee in January, 2018 for use during calendar year 2018. The remaining one-half shall be disbursed to Grantee in January, 2019 for use during calendar year 2019.

3. PROHIBITED USE OF GRANT FUNDS (as adopted in OPD Policy County/City Use of State Public Defense Funding)

- a. Grant funds cannot be used to supplant local funds that were being spent on public defense prior to the initial disbursement of state grant funds.
- b. Grant funds cannot be spent on purely administrative functions or billing costs.
- c. Grant funds cannot be used for cost allocation.
- d. Grants funds cannot be used for indigency screening costs.
- e. Grant funds cannot be used for city or court technology systems or administrative equipment.
- f. Grant funds cannot be used for city attorney time, including advice on public defense contracting.

4. USE OF GRANT FUNDS

- a. Grantee agrees to use the grant funds for the following:
 - i. Adding investigator services
 - ii. Providing public defense services at preliminary appearance calendars
- b. Grantee agrees to obtain OPD's written permission before funds are used for any purpose other than those listed in Section 4a above.
- c. Grantee agrees to use the first disbursement of funds in calendar year 2018, and the second disbursement of funds in calendar year 2019. If Grantee is unable to use the funds in the year for which the funds are disbursed, the Grantee agrees to notify OPD to determine what action needs to be taken.
- d. Grantee agrees to deposit the grant check within fourteen days of receipt.

5. OVERSIGHT

- a. Grantee agrees to submit written reports to OPD. The first report shall be submitted to OPD no later than June 30, 2018 using the template found in Exhibit A. The second report shall be submitted to OPD no later than December 15, 2018 using the template found in Exhibit B. The third report shall be submitted to OPD no later than June 30, 2019 using the template found in

Exhibit C. Where indicated, reports must be submitted along with the Grantee City's public defense attorneys' contracts, certifications of compliance, and other required documentation.

- b. Over the duration of the grant term, OPD will conduct site visits for purposes of addressing improvements to public defense and ensuring the use of grant funds for their specified purposes. At OPD's request, Grantee will assist in scheduling such site visits and inviting appropriate attendees such as, but not limited to: public defense attorneys, judicial officers, and city representatives.

6. **ORDER OF PRECEDENCE**

In the event of an inconsistency in this Grant, the inconsistency shall be resolved by giving precedence in the following order:

- Applicable federal and state of Washington statutes, regulations, and court rules
- Special Terms and Conditions Of the City Grant
- General Terms and Conditions of the City Grant

GENERAL TERMS AND CONDITIONS OF THE CITY GRANT AGREEMENT

1. **ALL WRITINGS CONTAINED HEREIN**

This Grant contains all the terms and conditions agreed upon by the parties. No other understandings, oral or otherwise, regarding the subject matter of this Grant shall be deemed to exist or to bind any of the parties hereto.

2. **AMENDMENTS**

This Grant may be amended by mutual agreement of the parties. Such amendment shall not be binding unless it is in writing and signed by personnel authorized to bind each of the parties.

3. **AMERICANS WITH DISABILITIES ACT (ADA) OF 1990, PUBLIC LAW 101-336, also referred to as the "ADA" 29 CFR Part 35.**

The Grantee must comply with the ADA, which provides comprehensive civil rights protection to individuals with disabilities in the areas of employment, public accommodations, state and local government services, and telecommunications.

4. **ASSIGNMENT**

Neither this Grant, nor any claim arising under this Grant, shall be transferred or assigned by the Grantee without prior written consent of OPD.

5. **ATTORNEY'S FEES**

Unless expressly permitted under another provision of the Grant, in the event of litigation or other action brought to enforce Grant terms, each party agrees to bear its own attorneys fees and costs.

6. **CONFORMANCE**

If any provision of this Grant violates any statute or rule of law of the state of Washington, it is considered modified to conform to that statute or rule of law.

7. **ETHICS/CONFLICTS OF INTEREST**

In performing under this Grant, the Grantee shall assure compliance with the Ethics in Public Service, Chapter 42.52 RCW and any other applicable court rule or state or federal law related to ethics or conflicts of interest.

8. **GOVERNING LAW AND VENUE**

This Grant shall be construed and interpreted in accordance with the laws of the state of Washington, and the venue of any action brought hereunder shall be in the Superior Court for Thurston County.

9. **INDEMNIFICATION**

To the fullest extent permitted by law, the Grantee shall indemnify, defend, and hold harmless the state of Washington, OPD, all other agencies of the state and all officers, agents and employees of the state, from and against all claims or damages for injuries to persons or property or death arising out of or incident to the performance or failure to perform the Grant.

10. **LAWS**

The Grantee shall comply with all applicable laws, ordinances, codes, regulations, court rules, policies of local and state and federal governments, as now or hereafter amended.

11. NONCOMPLIANCE WITH NONDISCRIMINATION LAWS

During the performance of this Grant, the Grantee shall comply with all federal, state, and local nondiscrimination laws, regulations and policies. In the event of the Grantee's non-compliance or refusal to comply with any nondiscrimination law, regulation or policy, this Grant may be rescinded, canceled or terminated in whole or in part.

12. RECAPTURE

In the event that the Grantee fails to perform this Grant in accordance with state laws, federal laws, and/or the provisions of the Grant, OPD reserves the right to recapture funds in an amount to compensate OPD for the noncompliance in addition to any other remedies available at law or in equity.

13. RECORDS MAINTENANCE

The Grantee shall maintain all books, records, documents, data and other evidence relating to this Grant. Grantee shall retain such records for a period of six (6) years following the end of the grant period. If any litigation, claim or audit is started before the expiration of the six (6) year period, the records shall be retained until all litigation, claims, or audit findings involving the records have been finally resolved.

14. RIGHT OF INSPECTION

At no additional cost all records relating to the Grantee's performance under this Grant shall be subject at all reasonable times to inspection, review, and audit by OPD, the Office of the State Auditor, and state officials so authorized by law, in order to monitor and evaluate performance, compliance, and quality assurance under this Grant. The Grantee shall provide access to its facilities for this purpose.

15. SEVERABILITY

If any provision of this Grant or any provision of any document incorporated by reference shall be held invalid, such invalidity shall not affect the other provisions of this Grant that can be given effect without the invalid provision, if such remainder conforms to the requirements of law and the fundamental purpose of this Grant and to this end the provisions of this Grant are declared to be severable.

16. WAIVER

Waiver of any default or breach shall not be deemed to be a waiver of any subsequent default or breach. Any waiver shall not be construed to be a modification of the terms of this Grant unless stated to be such in writing.

Exhibit A

Washington State Office of Public Defense Public Defense Improvement Program City Grant Report #1

All City grant recipients are required to submit a completed copy of this report, along with corresponding documentation, to the Washington State Office of Public Defense by June 30, 2018.

City:		
Date Completed:		
Contact Name:		
Title:		
Mailing Address:		
City:		Zip Code:
Phone:		
Email Address:		

Section I: Public Defense Expenditures/Budget

1.1 In 2017, the city paid indigent defense expenses as follows:

- | | |
|--|----|
| a. Amount spent on attorney salaries and benefits, and contract attorney amounts including conflict attorneys: | \$ |
| b. Amount spent on investigators, experts, and other indigent defense costs: | \$ |
| 2017 Total: | \$ |

Does the above amount include state grant funds? _____

1.2 For 2018, the city *budgeted* indigent defense expenses as follows:

- | | |
|--|----|
| a. Amount budgeted for attorney salaries and benefits, and contract attorney amounts including conflict attorneys: | \$ |
| b. Amount budgeted for investigators, experts, and other indigent defense costs: | \$ |
| 2018 Total: | \$ |

Does the above amount include state grant funds? _____

Section II: Case Assignments

2.1 In 2017, attorneys providing indigent defense representation had the following caseloads:

Fill in section 2.1(a) if the city has a public defender agency or contracts with a county public defender agency or non-profit public defense firm. Fill in section 2.1(b) for list appointments or contracts with private attorneys.

a. Cities using public defender agencies.

Number of cases assigned to public defender agency (not including conflict counsel):

Number of probation violations and other miscellaneous post sentencing hearings assigned:

Number of full-time-equivalent public defenders:

Average per-attorney caseload, if available:

Number of cases assigned to conflict counsel:

b. Cities using list appointments or contracts with private attorneys.

Number of cases assigned to public defense attorneys:

Number of probation violations and other miscellaneous post sentencing hearings assigned:

Number of attorneys with public defense contracts or on court's appointment list:

Average per-attorney caseload, if available:

Section III: Grant Funds

3.1

Grant Amount Awarded for 2018:	
--------------------------------	--

3.2

Amount of Annual Grant Funding Spent to Date:	
---	--

3.3

Permissible Use(s) of Grant Funds (See Section 4 of Grant Agreement <i>Special Terms and Conditions</i>):	
--	--

3.4

Description of How Grant Funds Have Been Used to Date:	
--	--

3.5

Plans for Utilizing Remaining Funds by End of Calendar Year (If Applicable):	
--	--

3.6

Description of Impact State Funds Have Had on Local Public Defense Services:	
--	--

3.7

Is there any particular technical assistance that OPD can provide your city?	
--	--

Section IV: Attachments and Tables

- 4.1 If the city has public defense contracts, fill out the Table of Public Defense Contracts (*Table I*), and provide a copy of each *current contract* in alphabetical order by attorney name. If possible, please provide scanned copies of contracts, by CD or email attachment. Failure to provide current contracts could result in an incomplete report.**
- 4.2 If the court appoints public defense attorneys from a list, provide the name of each attorney and the compensation paid per case or per hour in the Table of List-Appointed Public Defense Attorneys (*Table II*).**
- 4.3 If the City has adopted any new public defense policies, ordinances, or resolutions within the last year, please attach them to this report.**
- 4.4 Provide copies of attorneys' 2018 quarterly Certificates of Compliance.**

Table I: Public Defense Contracts and Subcontracts Currently in Effect (2018)

Name of attorney/firm (If firm, please identify (1) the total number of attorney FTEs handling public defense cases, and (2) the name of each attorney handling public defense cases)	Number of misdemeanor/ gross misdemeanor cases anticipated for the attorney/firm in 2018	Method and rate of payment (per case/per hour, etc.)	Conflict cases only? Yes/No

Table II: List-Appointed Public Defense Attorneys (2018)

Name of attorney/firm (If firm, please identify (1) the total number of attorney FTEs handling public defense cases, and (2) the name of each attorney handling public defense cases)	Method and rate of payment (per case/per hour, etc.)	Number of cases assigned

Exhibit B

Washington State Office of Public Defense Public Defense Improvement Program City Grant Report #2

*All City grant recipients are required to submit a completed copy of this report to the Washington State Office of Public Defense by December 31, 2018.
Failure to timely submit this report could delay disbursement of 2019 grant funds.*

City:	
Report Date:	
Contact - Name:	
Email:	
Phone:	
Address:	
2018 Award Amount:	
Amount Spent to Date:	
Permissible Use(s) of Grant Funds (See Section 4 of Grant Agreement <i>Special Terms and Conditions</i>)	
Description of How Grant Funds Have Been Used in 2018:	

Plans for Utilizing 2019 Grant Funds:	
Description of Impact State Funds Have Had on Local Public Defense Services	
Is there any particular technical assistance that OPD can provide your city?	

Exhibit C

Washington State Office of Public Defense Public Defense Improvement Program City Grant Report #3

All City grant recipients are required to submit a completed copy of this report, along with all public defense attorneys' 2019 quarterly Certificates of Compliance to the Washington State Office of Public Defense by June 30, 2019.

City:	
Report Date:	
Contact - Name:	
Email:	
Phone:	
Address:	
2019 Award Amount:	
Amount Spent to Date:	
Permissible Use(s) of Grant Funds (See Section 4 of Grant Agreement <i>Special Terms and Conditions</i>)	
Description of How Grant Funds Have Been Used to Date:	

Plans for Utilizing Remaining Funds by End of Calendar Year (If Applicable)	
Description of Impact State Funds Have Had on Local Public Defense Services	
Is there any particular technical assistance that OPD can provide your city?	

**SPECIAL MEETING NOTICE/AGENDA
SPOKANE CITY COUNCIL
PUBLIC SAFETY COMMITTEE**

**MEETING OF MONDAY, July 17, 2017
1:30p.m. – CITY COUNCIL BRIEFING CENTER**

A special meeting of the Spokane City Council will be held at **1:30 p.m. on Monday, July 17, 2017** in the City Council Briefing Center– City Hall, 808 West Spokane Falls Boulevard, Spokane, Washington.

The meeting will be conducted in a standing committee format for the **Public Safety Committee**. Because a quorum of the City Council may be present, the standing committee meeting will be conducted as a committee of the whole council.

The meeting will be open to the public, with the possibility of moving into executive session only with the members of the City Council and the appropriate staff. No legislative action will be taken. No public testimony will be taken and discussion will be limited to appropriate officials and staff.

AGENDA

Approval of Minutes

June 19, 2017

Consent Agenda

Ride to Care Program Update (SFD)
Drone Program Update (SFD)
Photo Red Update (SPD)

Briefing Paper Only
Briefing Paper Only
Briefing Paper Only

Council Requests

Dog Tether Ordinance Amendment
SPD / Police Guild Negotiations

5 minutes
3 minutes

Council President Stuckart
Councilmember Mumm

Spokane Police Department

Integrated Response Effort Resolution of Consent
Proposition 1 Renewal Effort & Project Closure Review
Office of Professional Accountability Update
Homeland Security FY2017 Grant

5 minutes
5 minutes
5 minutes
2 minutes

Ariane Schmidt
Ariane Schmidt
Director MacConnell
Major Olsen

Spokane Fire Department

Soul Source & Purchase of FirstWatch Program

5 minutes

Chief Schaeffer

Staff Requests

OPD Improvement Funds Grant Application
OPO Monthly Report
Vehicle Impoundment Ordinance

2 minutes
5 minutes
30 minutes

Kathy Knox
Bart Logue
Heather Trautman

Executive Session: Executive Session may be held or reconvened during any Public Safety Committee meeting.

AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION: The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. The Council Briefing Center in the lower level of Spokane City Hall, 808 W. Spokane Falls Blvd., is wheelchair accessible and also is equipped with an infrared assistive listening system for persons with hearing loss. Headsets may be checked out (upon presentation of picture I.D.) through the meeting organizer. Individuals requesting reasonable accommodations or further information may call, write, or email Christine Cavanaugh at (509) 625-6383, 808 W. Spokane Falls Blvd., Spokane, WA, 99201; or ccavanaugh@spokanecity.org. Persons who are deaf or hard of hearing may contact Ms. Cavanaugh at (509) 625-6383 through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.



Internet Email: opd@opd.wa.gov

**WASHINGTON STATE
OFFICE OF PUBLIC DEFENSE**

(360) 586-3164
FAX (360) 586-8165

October 11, 2017

Kathy Knox
Public Defender
824 N. Monroe Street
Spokane, WA 99201

Re: Chapter 10.101 RCW Application for Public Defense Grant Funds

Dear Ms. Knox:

The Washington State Office of Public Defense (OPD) is pleased to announce the award of RCW 10.101.080 Public Defense Grant funds to the City of Spokane. The award is \$175,000 for use in calendar years 2018 and 2019 for the following purposes:

- Adding investigator services
- Providing public defense services at preliminary appearance calendars

Enclosed is a Grant Agreement for your review and signature by an authorized representative of the City of Spokane. The Agreement includes grant reporting templates required during the two-year grant cycle. The signed Grant Agreement should be returned to OPD by December 15, 2017 by postal mail or by email to Nicole.Dodge@opd.wa.gov. A conformed copy will be sent to you for your records.

The grant funds will be sent by postal mail to you in early January using State Vendor Number SWV0003387-44. If you want the check mailed to a different person or office, please let us know. If the City of Spokane uses state BARS coding, these grant funds should be received under BARS revenue code 334.01.2X.

Chapter 10.101 RCW requires cities awarded funds to demonstrate to OPD that they are either meeting the public defense standards referenced in RCW 10.101.030, or that the state funds are being used to make appreciable demonstrable improvements to public defense services. OPD's Public Defense Services Managers are available to assist the city and its public defense attorneys in implementing statutory and Supreme Court requirements. Please feel free to contact Katrin Johnson or George Yeannakis at (360) 586-3164 ext. 108 and 102 respectively.

Please note that because this is a two-year grant term, we have some new reporting requirements. All participating cities will be required to submit three grant reports. The first will be due June 30, 2018, the second December 31, 2018, and the third June 30, 2019. Instructions and templates for each grant report can

be found within the attached Grant Agreement. OPD will also send email reminders and electronic templates prior to the due dates.

We look forward to receiving the city's first report in June 2018, as well as visiting your program during the two-year grant period. Thank you for your commitment to improving public defense services.

Sincerely,

A handwritten signature in black ink, appearing to read "Joanne", followed by a long horizontal flourish.

Joanne Moore, Director

Enclosures

cc: Michelle D. Szambelan, Presiding Judge, Spokane Municipal Court

WHITE PAPER
DRAFT OF OPD APPLICATION FOR
DEFENDER IMPROVEMENT FUNDS
JULY 17, 2017 PUBLIC SAFETY COMMITTEE MEETING

What is presented is a draft of the application for a grant from the State Office of Public Defender for defender improvement funds. I have not included the attachments listed above the signature line, but will do so in the final grant application. Applications are due August 15th.

The State Office of Public Defense (OPD) provides funds to municipalities for improvement for public defense. The Legislature this year has allocated additional funds for this purpose. The only change in the format and process for applications is that OPD has switched to a two-year budget cycle, for 2018 and 2019.

Based on the additional funds available, I am asking for money for a public defender attorney position that is already budgeted and for money for investigator services. Money for investigation is included in the budget but we have needed more than what was budgeted in recent years. Use of an investigator in appropriate cases is one of the standards our attorneys must certify to quarterly in the courts in which they practice.

What has happened in the past is that the City pays the difference between whatever revenue OPD provides and the actual cost. The attorney is used at daily inmate first appearance hearings, which constitutes a critical stage in the defense of a case when a jail release decision is made.

Kathy Knox, the City Public Defender, seeks authorization to apply for this grant.

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/12/2017
<u>Clerk's File #</u>	RES 2017-0089
<u>Renews #</u>	
<u>Cross Ref #</u>	
<u>Project #</u>	
<u>Bid #</u>	
<u>Requisition #</u>	

<u>Submitting Dept</u>	AIRPORTS
<u>Contact Name/Phone</u>	LARRY KRAUTER 455-6419
<u>Contact E-Mail</u>	LKRAUTER@SPOKANEAIRPORTS.NET
<u>Agenda Item Type</u>	Resolutions
<u>Agenda Item Name</u>	AIRPORTS - JOINT RESOLUTION PARCEL 35122.0402

Agenda Wording

Joint Resolution with Spokane County in the matter of authorizing the Airport Board to acquire Building 17 located on Spokane County Assessor Parcel 35122.0402, comprising of 14,440 square feet of hangar & office space located at Felts Field Airport.

Summary (Background)

Pursuant to Paragraph 8(b) of the Spokane International Airport Joint Operation Agreement, the County and City must by joint action approve the acquisition, sale, transfer or disposal of real property. The Airport Board recommends to the City and the County the acquisition of Building 17 at Felts Field Airport as identified on Exhibit A attached to the Joint Resolution.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	
Select \$		#
Select \$		#
Select \$		#
Select \$		#

<u>Approvals</u>	<u>Council Notifications</u>
<u>Dept Head</u>	<u>Study Session</u>
PFISTER, TERRI	
<u>Division Director</u>	<u>Other</u>
<u>Finance</u>	<u>Distribution List</u>
ORLOB, KIMBERLY	
<u>Legal</u>	lkrauter@spokaneairports.net
ODLE, MARI	
<u>For the Mayor</u>	todd.woodard@spokaneairports.net
DUNIVANT, TIMOTHY	
<u>Additional Approvals</u>	judyg@spokaneairports.net
<u>Purchasing</u>	thart@spokaneairports.net
	gvasquez@spokanecounty.org

City: RES 2017-0089
Resolution No. _____

**BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF SPOKANE COUNTY, WASHINGTON
AND
THE SPOKANE CITY COUNCIL OF SPOKANE, WASHINGTON**

IN THE MATTER OF AUTHORIZING)	
THE AIRPORT BOARD TO)	JOINT RESOLUTION
ACQUIRE PROPERTY IDENTIFIED)	
AS BUILDING 17 LOCATED ON)	
SPOKANE COUNTY ASSESSOR)	
PARCEL 35122.0402)	

WHEREAS, pursuant to Chapter 14.08 RCW, Spokane County ("County") , by and through its Board of County Commissioners, and the City of Spokane ("City"), by and through its City Council, entered into an agreement dated August 28, 1990 ("Agreement") to provide for the joint operation of Spokane International Airport, Felts Field Airport and Spokane International Airport Business Park; and

WHEREAS, pursuant to Paragraph 8(b) of the Agreement, the County and City must by joint action approve the acquisition, sale, transfer or disposal of real property; and

WHEREAS, the Airport Board has recommended to the County and City the acquisition of Building 17, comprising of 14,440 square feet of hangar and office area, located on Spokane County Assessor Tax Parcel as identified on Exhibit A, attached hereto, ("Property") at Felts Field Airport; and

WHEREAS, the Property is necessary for long term aviation development at Felts Field Airport; and

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Spokane County, Washington and by the City Council of the City of Spokane:

1. That the Airport Board is authorized to purchase the Property identified as Building 17 located at Felts Field Airport, to be paid for with Airport funds, at no cost, expense, or liability to either Spokane County or the City of Spokane;
2. That title to Building 17 as identified on Exhibit A shall vest in Spokane County and the City of Spokane, as tenants in common; and
3. That the Chief Executive Officer of the Airport Board be and is hereby authorized to prepare and execute any documents on behalf of Spokane County and City of Spokane to acquire Building 17 located at Felts Field Airport.

ADOPTED by the Spokane City Council this _____ day of _____, 2017.

Terri L. Pfister, City Clerk

Approved as to form:

Assistant City Attorney

ADOPTED by the Board of County Commissioners of Spokane County, Washington this _____
day of _____, 2017.

Al French, Chair

ATTEST:

Josh Kerns, Vice-Chair

Ginna Vasquez
Clerk of the Board

Mary Kuney, Commissioner

EXHIBIT A

BUILDING 17 LOCATED ON PARCEL 35122.0402

**FELTS FIELD AIRPORT
BUILDING 17 SITE EXHIBIT**



**Agenda Sheet for City Council Meeting of:**

10/30/2017

Date Rec'd

10/12/2017

Clerk's File #

RES 2017-0090

Renews #Submitting Dept

AIRPORTS

Cross Ref #Contact Name/Phone

LARRY KRAUTER 455-6419

Project #Contact E-Mail

LKRAUTER@SPOKANEAIRPORTS.NET

Bid #Agenda Item Type

Resolutions

Requisition #Agenda Item Name

AIRPORTS - JOINT RESOLUTION PARCEL 14022.9002

Agenda Wording

Joint Resolution with Spokane County in the matter of authorizing the Airport Board to acquire property identified as Spokane County Assessor Parcel 14022.9002, comprising of 39.35 acres of land which is adjacent to SIA property.

Summary (Background)

Pursuant to Paragraph 8(b) of the Spokane International Airport Joint Operation Agreement, the County and City must by joint action approve the acquisition, sale, transfer or disposal of real property. The Airport Board recommends to the City and the County the acquisition of Spokane County Assessor Tax Parcel as identified on Exhibit A attached to the Joint Resolution.

Fiscal Impact

Grant related? NO

Budget Account

Public Works? NO

Select \$

#

Select \$

#

Select \$

#

Select \$

#

ApprovalsCouncil NotificationsDept Head

PFISTER, TERRI

Study SessionDivision DirectorOtherFinance

ORLOB, KIMBERLY

Distribution ListLegal

ODLE, MARI

lkrauter@spokaneairports.net

For the Mayor

DUNIVANT, TIMOTHY

todd.woodard@spokaneairports.net

Additional Approvals

judyg@spokaneairports.net

Purchasing

thart@spokaneairports.net

gvasquez@spokanecounty.org

City: RES 2017-0090
Resolution No. _____

**BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF SPOKANE COUNTY, WASHINGTON
AND
THE SPOKANE CITY COUNCIL OF SPOKANE, WASHINGTON**

IN THE MATTER OF AUTHORIZING)	
THE AIRPORT BOARD TO)	JOINT RESOLUTION
ACQUIRE PROPERTY IDENTIFIED)	
AS SPOKANE COUNTY ASSESSOR)	
PARCEL 14022.9002)	

WHEREAS, pursuant to Chapter 14.08 RCW, Spokane County ("County") , by and through its Board of County Commissioners, and the City of Spokane ("City"), by and through its City Council, entered into an agreement dated August 28, 1990 ("Agreement") to provide for the joint operation of Spokane International Airport, Felts Field Airport and Spokane International Airport Business Park; and

WHEREAS, pursuant to Paragraph 8(b) of the Agreement, the County and City must by joint action approve the acquisition, sale, transfer or disposal of real property; and

WHEREAS, the Airport Board has recommended to the County and City the acquisition of Spokane County Assessor Tax Parcels as identified on Exhibit A, attached hereto, ("Property") comprising of approximately 39.35 acres of land which is adjacent to Spokane International Airport property; and

WHEREAS, the Property is necessary for long term aviation development at Spokane International Airport; and

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Spokane County, Washington and by the City Council of the City of Spokane:

1. That the Airport Board is authorized to purchase the Property identified as Spokane County Assessor's Tax Parcels on Exhibit A located in Spokane County, Washington, to be paid for with Airport funds, at no cost, expense, or liability to either Spokane County or the City of Spokane;
2. That title to Spokane County Assessor's Tax Parcels as identified on Exhibit A shall vest in Spokane County and the City of Spokane, as tenants in common; and
3. That the Chief Executive Officer of the Airport Board be and is hereby authorized to prepare and execute any documents on behalf of Spokane County and City of Spokane to acquire Spokane County Assessor's Tax Parcels as identified on Exhibit A.

ADOPTED by the Spokane City Council this _____ day of _____, 2017.

Terri L. Pfister, City Clerk

Approved as to form:

Assistant City Attorney

ADOPTED by the Board of County Commissioners of Spokane County, Washington this _____
day of _____, 2017.

Al French, Chair

ATTEST:

Josh Kerns, Vice-Chair

Ginna Vasquez
Clerk of the Board

Mary Kuney, Commissioner

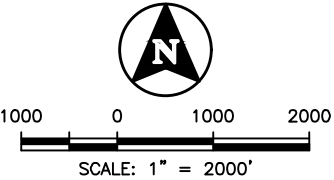
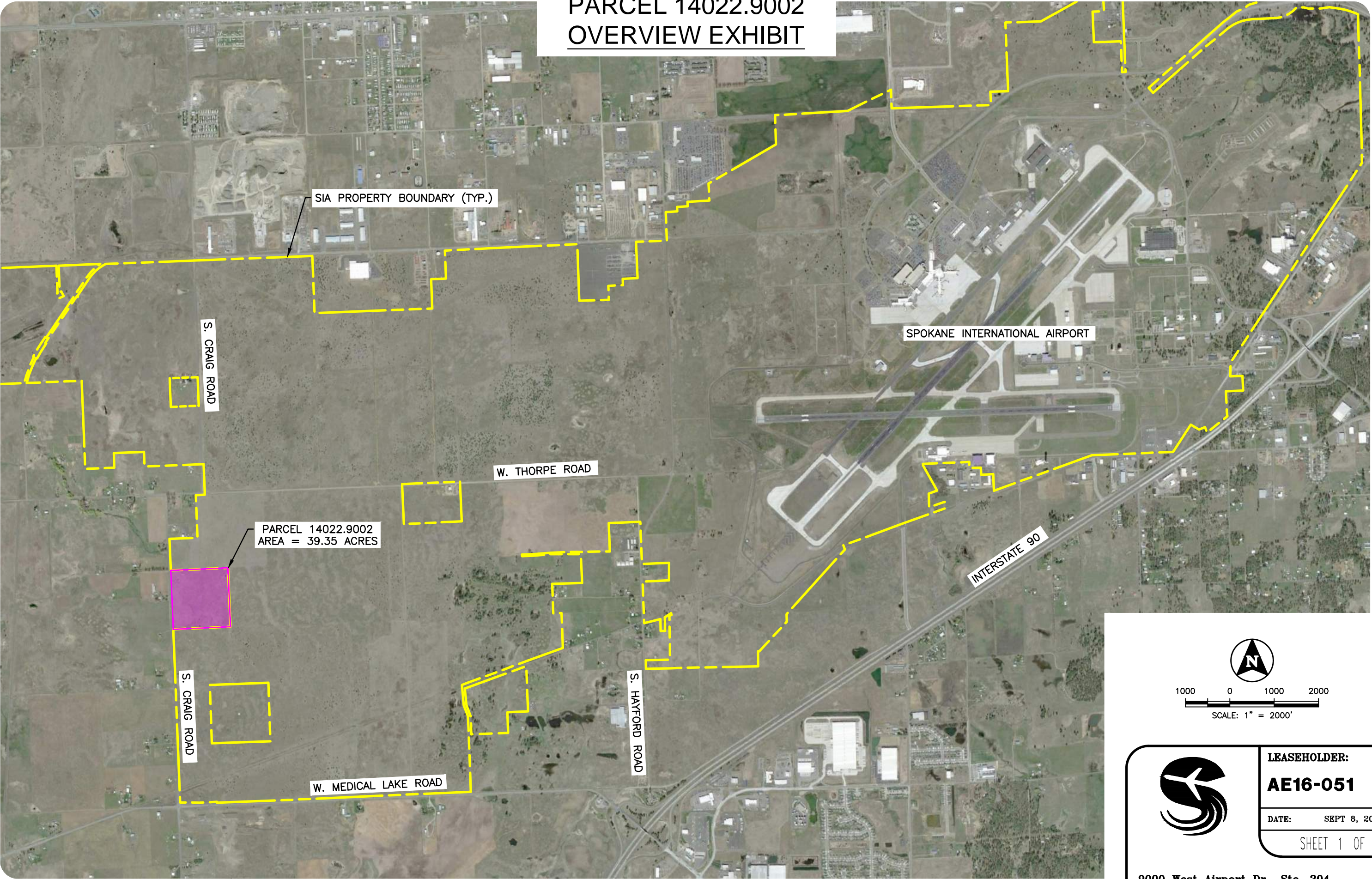
EXHIBIT A

PARCEL NUMBER OF PROPERTY

14022.9002

J:\120125\Acaddwg\Sheets\Exhibits (2016)\C16-051 - Parcel 14022.9002 Land Purchase.dwg, 9/8/2016 4:59:17 PM, Schrader, Kyle, None

PARCEL 14022.9002
OVERVIEW EXHIBIT



LEASEHOLDER:

AE16-051

DATE: SEPT 8, 2016

SHEET 1 OF 1

9000 West Airport Dr., Ste. 204
Spokane, WA 99224

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/16/2017
<u>Clerk's File #</u>	RES 2017-0091
<u>Renews #</u>	

<u>Submitting Dept</u>	CITY COUNCIL	<u>Cross Ref #</u>	
<u>Contact Name/Phone</u>	BEN STUCKART 6256269	<u>Project #</u>	
<u>Contact E-Mail</u>	AMCDANIEL@SPOKANECITY.ORG	<u>Bid #</u>	
<u>Agenda Item Type</u>	Resolutions	<u>Requisition #</u>	
<u>Agenda Item Name</u>	0320 RESOLUTION SETTING TBD HEARING		

Agenda Wording

A resolution setting a hearing before the City Council for November 20, 2017 regarding modification of the functions, activities and/or transportation programs and improvements of the Spokane Transportation Benefit District

Summary (Background)

the City Council intends to conduct a public hearing on an ordinance which proposes to modify the functions and transportation improvements of the Spokane Transportation Benefit District to include the implementation and funding of the transportation programs and improvements of the City as set forth in the six-year pavement maintenance program of the City's 2018-2023 six-year comprehensive street program as more fully set forth in the ordinance.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	

Select	\$	#
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>		<u>Council Notifications</u>	
<u>Dept Head</u>	MCDANIEL, ADAM	<u>Study Session</u>	
<u>Division Director</u>		<u>Other</u>	Finance & Administration
<u>Finance</u>	HUGHES, MICHELLE	<u>Distribution List</u>	
<u>Legal</u>	PICCOLO, MIKE	Mike Piccolo	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY		

Additional Approvals

<u>Purchasing</u>		



Continuation of Wording, Summary, Budget, and Distribution

Agenda Wording

Summary (Background)

The City Council reserves the right to continue this public hearing.

Fiscal Impact

Select \$

Select \$

Budget Account

#

#

Distribution List

Resolution No. 2017-0091

A resolution setting a hearing before the City Council for November 20, 2017 regarding modification of the functions, activities and/or transportation programs and improvements of the Spokane Transportation Benefit District.

WHEREAS, on October 11, 2010, the City Council adopted Ordinance No. C-34648, establishing the City of Spokane Transportation Benefit District (TBD); and

WHEREAS, on January 10, 2011, the City Council adopted Ordinance No. C-34683, expanding the functions and transportation improvements to be funded by the TBD; and

WHEREAS, on February 14, 2011, the City Council adopted Ordinance No. C-34690, expanding the functions and transportation improvements to be funded by the TBD; and

WHEREAS, RCW 36.73.050 allows the City Council, acting in its legislative capacity, to modify or expand the functions, activities and/or transportation programs and improvements to be funded by the TBD.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SPOKANE that the City Council intends to conduct a public hearing concerning proposed Ordinance C-_____, which proposes to modify the functions and transportation improvements of the Spokane Transportation Benefit District to include the implementation and funding of the transportation programs and improvements of the City as set forth in the six-year pavement maintenance program of the City's 2018-2023 six-year comprehensive street program as more fully set forth in the ordinance. The City Council reserves the right to continue this public hearing.

The hearing will be held on Monday, November 20, 2017 starting at 6:00 p.m. in the City Council Chambers Lower Level of City Hall, 808 W. Spokane Falls Blvd., Spokane, Washington. All persons interested may appear and be heard.

Adopted this _____ day of October, 2017.

City Clerk

Approved as to form:

Assistant City Attorney

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/16/2017
<u>Clerk's File #</u>	RES 2017-0092
<u>Renews #</u>	

Submitting Dept	CITY COUNCIL	Cross Ref #	
Contact Name/Phone	BEN STUCKART 6256269	Project #	
Contact E-Mail	AMCDANIEL@SPOKANECITY.ORG	Bid #	
Agenda Item Type	Resolutions	Requisition #	
Agenda Item Name	0320 RESOLUTION SETTING TBD HEARING ON ASSUMPTION OF TBD DUTIES		

Agenda Wording

A resolution of declaring the City of Spokane's intention to conduct a public hearing concerning the assumption of the rights, powers, functions and obligations of the City of Spokane Transportation Benefit District by the City of Spokane.

Summary (Background)

The City Council intends to conduct a public hearing concerning the assumption of the rights, powers, functions, and obligations of the City of Spokane Transportation Benefit District by the City of Spokane. The hearing will be held on Monday, November 20, 2017 starting at 6:00 p.m. in the City Council Chambers Lower Level of City Hall, 808 W. Spokane Falls Blvd., Spokane, Washington. All persons interested may appear and be heard.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	

Select	\$	#
Select	\$	#
Select	\$	#
Select	\$	#

<u>Approvals</u>		<u>Council Notifications</u>	
<u>Dept Head</u>	MCDANIEL, ADAM	<u>Study Session</u>	
<u>Division Director</u>		<u>Other</u>	Finance & Administration
<u>Finance</u>	HUGHES, MICHELLE	Distribution List	
<u>Legal</u>	PICCOLO, MIKE	mpiccolo@spokanecity.org	
<u>For the Mayor</u>	DUNIVANT, TIMOTHY		

Additional Approvals

<u>Purchasing</u>		

Resolution No. 2017-0092

A resolution declaring the City of Spokane's intention to conduct a public hearing concerning the assumption of the rights, powers, functions and obligations of the City of Spokane Transportation Benefit District by the City of Spokane.

WHEREAS, on October 11, 2010, the City Council adopted Ordinance No. C34648, establishing the City of Spokane Transportation Benefit District (TBD); and

WHEREAS, pursuant to RCW 36.73.020 (3), the Spokane City Council, as the legislative body creating the TBD and acting ex officio and independently, constitutes the governing body of the TBD; and

WHEREAS, chapter 36.74 RCW established the procedure for the cities to assume the rights, powers, functions and obligations of transportation benefit districts.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SPOKANE that the City Council intends to conduct a public hearing concerning the assumption of the rights, powers, functions, and obligations of the City of Spokane Transportation Benefit District by the City of Spokane as set forth in Ordinance No. C - _____. The hearing will be held on Monday, November 20, 2017 starting at 6:00 p.m. in the City Council Chambers Lower Level of City Hall, 808 W. Spokane Falls Blvd., Spokane, Washington. All persons interested may appear and be heard.

Adopted this _____ day of October, 2017.

City Clerk

Approved as to form:

Assistant City Attorney

**Agenda Sheet for City Council Meeting of:**

10/30/2017

<u>Date Rec'd</u>	10/16/2017
<u>Clerk's File #</u>	ORD C35558
<u>Renews #</u>	

<u>Submitting Dept</u>	NEIGHBORHOOD SERVICES & CODE	<u>Cross Ref #</u>	
<u>Contact Name/Phone</u>	ABIGAIL 625-6858	<u>Project #</u>	
<u>Contact E-Mail</u>	AMARTIN@SPOKANECITY.ORG	<u>Bid #</u>	
<u>Agenda Item Type</u>	First Reading Ordinance	<u>Requisition #</u>	
<u>Agenda Item Name</u>	0550 PROPOSED AMMENDMENTS TO 12.02.010, 12.02.0210, 12.01.0804 &		

Agenda Wording

Request amendments to authorize removal of snow and associated costs, clarify the 36" clear pedestrian pathway during snow season, timing of snow removal, and determining that snow is an obstruction.

Summary (Background)

Proposed changes to the City Municipal Code to specify what constitutes an appropriate pedestrian pathway including sidewalk and on the right of way when there is no sidewalk, adding notice provisions for snow to be cleared from the pedestrian pathway, authorizing the City to have snow removed when the property owner/occupants fails to keep the pathway clear, assess charges to the utility bill for the cost of the snow removal, and defines snow as an obstruction of the right of way.

<u>Fiscal Impact</u>	Grant related? NO	<u>Budget Account</u>
	Public Works? NO	
Select \$		#
Select \$		#
Select \$		#
Select \$		#
<u>Approvals</u>		<u>Council Notifications</u>
<u>Dept Head</u>	TRAUTMAN, HEATHER	<u>Study Session</u>
<u>Division Director</u>	TRAUTMAN, HEATHER	<u>Other</u> PIES 10/23/17
<u>Finance</u>	DOVAL, MATTHEW	Distribution List
<u>Legal</u>	DALTON, PAT	amartin@spokanecity.org
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	htrautman@spokanecity.org
<u>Additional Approvals</u>		tszambelan@spokanecity.org
<u>Purchasing</u>		lgarcia@spokanecity.org
		kschmit@spokanecity.org

Briefing Paper

Public Infrastructure Environmental Sustainability

Division & Department:	Office of Neighborhood Services, Code Enforcement and Parking
Subject:	Amendments to Spokane Municipal Code 12.02, 12.01 & 8.02
Date:	October 13, 2017
Author (email & phone):	Abigail Martin amartin@spokanecity.org 509.625.6858
City Council Sponsor:	Council Member Waldref
Executive Sponsor:	Rick Romero
Committee(s) Impacted:	Public Infrastructure Environmental Sustainability
Strategic Initiative:	Innovative Infrastructure, Health and Safety
Deadline:	October 16, 2017

Background/History:

This is the requested update to the 2017-2018 snow plan, addressing proposed changes to the City Municipal Code in an effort to specify what constitutes an appropriate pedestrian pathway, authorizing the City to have snow removed when citizens fail to keep walkways clear, and charge the Utility Bill for the cost of the snow removal, and defines snow as an obstruction of the right of way.

Executive Summary:

- Ordinance amendments to Spokane Municipal Code 12.02.010 & 12.02.0210 & 12.01.0804
 - 36" pedestrian pathway with ADA access
 - Snow and ice are determined to be obstructions of the right of way
 - The City may order the removal
 - Billed to the property via Spokane Municipal Code 8.02.068 on the utility bill
 - Identifies a season for snow: November 15-March 15
- Ordinance amendments to Spokane Municipal Code 8.02.068
 - Addition of snow and ice to items like vegetation and debris to what constitutes obstruction of the right of way
 - Sum total of costs to include cost incurred by the City and surcharge of eighty-five dollars as an administrative fee
- Authorized abatement includes:
 - Prioritized areas: Funnel areas where children and families are walking to school, block faces leading up to crosswalks and Downtown
 - Residences & Businesses in these areas will be notified beforehand that they are on a priority walking route to school or CBD and our communication is paired with Spokane Public Schools & DSP outward communication to their parent/student populations
 - Notice may include media, signs, 311
 - Can determine elderly/needy based on Utility Billing lists (Option for waiver or sliding scale)
 -
- Budget breakdown: (over)

Options	Initial Investment	Operation Costs
<i>Fleet replacement \$ to purchase tractors, Code and Public Works \$ for operations; Snow removal program around schools/prioritized areas</i>	Tractor (1) \$19,000 Blower (1) \$5,000 Broom (1) \$3,734 Truck (repurposed) Trailer (repurposed) Total initial investment \$27,734	Hourly rate per tractor set Tractor, blower, truck and trailer \$35 Staff (5 days/week/4 months) \$122 Total hourly rate \$157
<i>Snow blowers and 2 FTE for four months; perhaps in the Downtown due to vaulted sidewalks</i>	Snow blowers (2) \$3,100 Truck (repurposed) Total initial investment \$6,200	Hourly rate per snow blowing team Truck, blower \$25 Staff (5 days/week/4 months) \$122 Total hourly rate \$147
<i>Shovels and snow blowers and 6-8 Geiger crew for four months, 20 hrs./week maximum</i>	Snow blowers (2) \$3,100 Shovels (6) \$20 Truck (repurposed) Total initial investment \$6,320	Hourly rate per snow blowing/shoveling team Snow blowers (2), shovels \$10 Geiger \$48/hour Total hourly rate \$58
<ul style="list-style-type: none"> Communication (communicated via media, educational campaign, and community partners) proactive patrolling in an effort to enforce 36" pedestrian pathway 		
Budget Impact: Approved in current year budget? No Annual/Reoccurring expenditure? Yes Specify funding source: Fleet replacement funds, Code Enforcement, Public Works		

Operations Impact:

Consistent with current operations? No

Requires change in current operations? Yes

Specify operations change:

Amendments would allow for deployment of equipment and FTE/temp seasonal to operate and remove snow where property owners had neglected maintenance of a 36" pedestrian pathway. Then Utility Billing would recoup the cost via the monthly bill.

ORDINANCE NO. C35558

An ordinance relating to public ways and property; amending SMC sections 12.02.010, 12.02.0210, 12.01.0804 and 8.02.068 of the Spokane Municipal Code.

The City of Spokane does ordain:

Section 1. That section 12.02.010 is amended to read as follows:

Title 12 Public Ways and Property

Chapter 12.02 Obstruction, Encroachment of Public Ways

Section 12.02.010 Snow Removal – Owner, Occupant Duties

- A. Owners and occupants of premises shall keep the sidewalk areas adjacent to any portion of the real property (including corners) free and clear of snow and/or accumulations of snow or ice. For the purposes of this section, sidewalk area shall be cleared to a minimum width of 36" to permit pedestrian and accessible access by 9 A.M. the morning following the snow fall each day.
- B. No snow or ice from private premises shall be plowed into or placed in or on the streets or other areas of the public right of way, parks or other public property. This does not apply to operations by municipal crews. Snow or ice from sidewalks and driveway approaches may be placed in planting strips, or added to berms created by municipal plowing operations, provided it does not obstruct a clear view of stop signs or other traffic signs or signals, other otherwise create a hazard to or impairment of pedestrian or vehicular traffic. This section applies to:
 1. homeowners of single family residences, duplexes or triplexes;
 2. by persons in business of plowing or clearing snow; and
 3. anyone other than parties noted in (B)(1) or (B)(2), such as business, commercial, multiunit premises, etc;

Section 2. That section 12.02.0210 is amended to read as follows:

Title 12 Public Ways and Property

Chapter 12.02 Obstruction, Encroachment of Public Ways

Section 12.02.0210 Lawful Powers Reserved – Costs of Abatement

- A. The City expressly reserves and invokes all lawful powers, rights and remedies, whether in contract or law, to protect and preserve the public health and safety by abatement of any nuisance or unhealthful or dangerous conditions affecting the public right-of-way.

- B. The City may cause the removal or destruction of vegetation, snow, ice and debris by notice of violation given by the City or during snow conditions by way of press, radio, and/ or television, or by other notice to the occupants in the neighborhood and, as appropriate in each case:

1. issuance of a class 1 civil infraction for the violation; and/ or
2. direct action by City forces or contract, the cost of which will be billed to the owner of the property or as a utility service to the property. Fees for vegetation, snow, and ice abatement are contained in SMC 8.02.068.

Section 3. That section 12.01.0804 is amended to read as follows:

Title 12 Public Ways and Property

Chapter 12.01 Improvement, Maintenance of Public Ways

Article III. Pedestrian Strip

Section 12.01.0804 Pedestrian Strip – All Streets – Obligations

- A. On streets where no formally constructed sidewalk exists for pedestrian traffic, the abutting property owner shall maintain a strip of land for pedestrian travel in the existing public right-of-way area adjacent to the constructed street or roadway. This strip of land shall run parallel to and abut the constructed street or roadway. It shall be seven feet wide, but not greater than the publically dedicated or reserved outer boundaries of the right of way as shown in the plat or other records. This strip shall contain no fences, shrubs, walls or any other feature that would prohibit, inhibit or impede pedestrian travel. [Cross Reference: SMC 16A.61.570] The pedestrian strip shall be kept clear from snow, ice and passable to a width of not less than 36". The City may cause the removal or destruction of snow, ice and debris by notice given by the City by way of press, radio, and/ or television, or by other notice to the occupants in the neighborhood. Costs will be billed to the owner of the property or as a utility service to the property as provided in SMC 12.02.0210(B)(2).
- B. The City recognizes its right to enforce public use of said right-of-way for pedestrian travel and the city council may, upon recommendation from the City plan commission or City staff, in addition to or in the alternative to other lawful procedures, order the property owners who abut any certain street or streets within the city to maintain an unobstructed strip of land as provided herein when it is determined by the city council to be necessary to the health and safety of the citizens of Spokane.

Section 4. That section 08.02.068 is amended to read as follows:

Title 08 Taxation and Revenue

Chapter 08.02 Fees and Charges

Section 08.02.068 Obstruction from Vegetation Snow, Ice and Debris

- A. There may be charged against the property owner of the adjacent right of way an assessment for all costs and expenses incurred by the City in administration and enforcement of the abatement of obstruction of the public right of way from vegetation snow, ice and debris under SMC 12.02.0210 & SMC 12.01.0804.
- B. Costs charged to the property owner include costs incurred by the City including direct action by City forces or contract for the removal or destruction of such vegetation snow, ice and debris.
- C. In addition to the costs outlined in subsection (B) of this section, a surcharge of eighty-five dollars per instance for the removal of the vegetation snow, ice and debris will be charged to defray administrative support and related costs for providing this service.
- D. Costs will be billed to the owner of the property or as a utility service to the property as provided in SMC 12.02.0210(AB)(2).

PASSED BY THE CITY COUNCIL ON _____

Council President

Attest:

Approved as to form:

City Clerk

Assistant City Attorney

Mayor

Date

Effective Date



Agenda Sheet for City Council Meeting of: 10/23/2017

Date Rec'd	10/10/2017
Clerk's File #	FIN 2017-0001
Renews #	
Cross Ref #	
Project #	
Bid #	
Requisition #	

Submitting Dept	FINANCE & ADMIN
Contact Name/Phone	CRYSTAL 625-6369 MARCHAND
Contact E-Mail	CMARCHAND@SPOKANECITY.ORG
Agenda Item Type	Hearings
Agenda Item Name	0410 - SET REVENUE HEARING

Agenda Wording

Setting public hearing on possible revenue sources for the 2018 Budget for October 30, 2017.

Summary (Background)

A city such as Spokane that collects a regular property tax levy must hold a public hearing on possible revenue sources for the 2018 current expense budget, including consideration of possible increases in property tax revenues (RCW 84.55.120). This hearing must be held before the meeting at which the City Council considers levy adoption. The property tax ordinance will be on the Council's November 13th Agenda.

<u>Fiscal Impact</u>	Grant related? NO Public Works? NO	<u>Budget Account</u>
Select \$		#
Select \$		#
Select \$		#
Select \$		#
<u>Approvals</u>	<u>Council Notifications</u>	
<u>Dept Head</u>	DUNIVANT, TIMOTHY	<u>Study Session</u>
<u>Division Director</u>	MARCHAND, CRYSTAL	<u>Other</u>
<u>Finance</u>	ORLOB, KIMBERLY	<u>Distribution List</u>
<u>Legal</u>	ODLE, MARI	tdunivant@spokanecity.org
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jdclark@spokanecity.org
<u>Additional Approvals</u>		cmarchand@spokanecity.org
<u>Purchasing</u>		



Agenda Sheet for City Council Meeting of: 10/23/2017

Date Rec'd	10/10/2017
Clerk's File #	FIN 2017-0001
Renews #	
Cross Ref #	
Project #	
Bid #	
Requisition #	

Submitting Dept	FINANCE & ADMIN
Contact Name/Phone	CRYSTAL 625-6369 MARCHAND
Contact E-Mail	CMARCHAND@SPOKANECITY.ORG
Agenda Item Type	Hearings
Agenda Item Name	0410 - SET BUDGET HEARINGS

Agenda Wording

Setting the hearings for review of the 2018 Proposed Budget beginning Monday, October 30, 2017 and continuing thereafter at the regular Council Meetings during the month of November.

Summary (Background)

As part of the annual budget process, the City Council will hold public hearings on the proposed 2018 Budget for the City of Spokane. Public testimony is welcome on all sections of the budget at each hearing. The first hearing will be held on October 30, 2017 and are currently scheduled to continue each Monday during the month of November. The Council may continue the hearing up to the 25th day prior to the beginning of the next fiscal year.

<u>Fiscal Impact</u>	Grant related? NO Public Works? NO	<u>Budget Account</u>
Select \$		#
Select \$		#
Select \$		#
Select \$		#
<u>Approvals</u>	<u>Council Notifications</u>	
<u>Dept Head</u>	DUNIVANT, TIMOTHY	<u>Study Session</u>
<u>Division Director</u>	MARCHAND, CRYSTAL	<u>Other</u>
<u>Finance</u>	ORLOB, KIMBERLY	<u>Distribution List</u>
<u>Legal</u>	ODLE, MARI	tdunivant@spokanecity.org
<u>For the Mayor</u>	DUNIVANT, TIMOTHY	jdclark@spokanecity.org
<u>Additional Approvals</u>		cmarchand@spokanecity.org
<u>Purchasing</u>		