

**AGENDA  
CITY OF LARAMIE, WYOMING  
CITY COUNCIL MEETING  
CITY HALL**

JANUARY 17, 2017 6:30 pm

*City Council Meetings are open to the public. Requests for accommodations from persons with disabilities must be made to the City Manager's Office 24 hours in advance of a meeting.*

*Please be advised no additional agenda item will be introduced at a Regular City Council meeting after the hour of 9:30 p.m., unless the majority of the City Council members present vote to extend the meeting.*

**1. AGENDA**

**2. Pledge of Allegiance**

**3. Roll Call**

**4. PRE-MEETING ITEMS**

**4.A. PROCLAMATIONS & PRESENTATIONS**

**4.B. PUBLIC HEARING**

- 4.B.i. PUBLIC HEARING: Original Ordinance No. 1959, rezoning an area approximately 26.5 acres in size from AE (Airport Enterprise) district to AV (Aviation) District, generally located at the Laramie Regional Airport.**

Documents:

[Legal Ad CC Public Meeting 1-17-2017.pdf](#)

- 4.B.ii. PUBLIC HEARING: Original Ordinance No. 1960, amending Title 15 of Laramie Municipal Code for the purpose of amending Chapter 15.14 to alter the landscaping requirements for properties zoned AV (Aviation).**

Documents:

[Legal Ad CC Public Meeting 1-17-2017.pdf](#)

**4.C. ANNOUNCEMENTS**

**5. Disclosures by City Council Members**

**6. Consideration of Changes in Agenda and Setting the Agenda**

A. MOTION BY \_\_\_\_, seconded by \_\_\_\_, that the following changes to the Agenda be approved:

B. MOTION BY \_\_\_\_, seconded by \_\_\_\_, that the Agenda be set as submitted or changed.

## 7. Approval of Consent Agenda

Items listed on the Consent Agenda are considered to be routine and will be enacted by one motion in the form listed below. There will be no separate discussion of these items unless a Councilor or citizen so requests, in which case the item will be removed from the Consent Agenda and will be considered on the Regular Agenda.

MOTION BY \_\_\_\_\_, seconded by \_\_\_\_\_, that the Consent Agenda be approved and that each specific action on the Consent Agenda be approved as indicated.

## 8. CONSENT AGENDA

### 8.A. MINUTES: City Council Meetings

**Action:**

that Council approve the Minutes of the City Council the Regular Meetings of January 3, 2017, and have them placed on file for public inspection.

**[Johnson, CC]**

Documents:

[Minutes 01.03.17 Outgoing.pdf](#)

[Minutes 01.03.17 Incoming.pdf](#)

### 8.B. CEMETERY DEEDS: For January 1-15, 2017

**Action:**

that the Cemetery Deeds for January 1-15, 2017 be accepted, and the Mayor and City Clerk be authorized to sign and have them recorded in the Office of the County Clerk. **[Feezer, P&R]**

### 8.C. MINUTES: of the December 14, 2016 Parks, Tree & Recreation Advisory Board.

**Action:**

that Council accept the minutes of the Parks, Tree & Recreation Advisory Board from December 14, 2016, and place them on file for public inspection: 1) to approve the minutes from the November 9, 2016 regular meeting of the Parks, Tree and Recreation Advisory Board. (approved) 2) to approve Adopt-A-Trail agreements with School of Energy Resources and UNIWYO Federal Credit Union. (approved) 3) to approve Adopt-A-Park agreement with Kappa Sigma Fraternity. (approved) 4) consideration of waiving the room rental fee at the Recreation Center by request from Laramie Elks Club Lodge No. 582 for the Annual Elks Hoop Shoot, "national free throw shooting contest" for youngsters ages 8-13. (approved) 5) consideration of 50% reduction in fees at the Ice & Event Center for Project Graduation. (Approved) 6) consideration of 50% reduction in fees at the Ice & Event Center for Friends of Community Recreation Foundation Skate with Santa event. (approved) 7) Presentation of the League of American Bicyclists - Bike Friendly Community Award and consideration of expanding the "Bike" committee's duties to attain higher recognition. (no action)

**[Feezer, P&R]**

Documents:

[PTR Advisory Board Minutes 12.14.16 Cover Sheet.pdf](#)  
[Advisory Board Minutes December 14, 2016.pdf](#)

**8.D. RESOLUTION: Resolution 2017-08, in Support of Appointing a Municipal Court Magistrate.**

**Action:**

Council approve Resolution 2017-08 authorizing the appointment of a local attorney, Robert J. Sanford, as Magistrate for the City of Laramie Municipal Court, and authorize the Mayor and Clerk to sign.

**(Merseal, Judge/Brown, AS)**

Documents:

[Cover Sheet Magistrate.pdf](#)  
[RESOLUTION 2017-08 re magistrate.pdf](#)  
[Resume Robert J. Sanford.pdf](#)

**8.E. AGREEMENT: Agreement with the University of Wyoming to extend Jacoby Water Agreement through March 1, 2017.**

**Action:**

to approve the Agreement to extend the Jacoby Water Agreement through March 1, 2017, and authorize the Mayor and Clerk to sign

**[Southard, CA]**

Documents:

[Cover Sheet - Jacoby Extension.pdf](#)  
[Amendment No. 2\\_Jacoby Golf Course Water\\_1-10-17 \(002\).pdf](#)

**8.F. BID AWARD: Award of Bid for Public Works Department (Utilities) Main Lift Heating System Replacement.**

**Action:**

that Council award the bid for the Main Lift Heating System Replacement Project to Advanced Comfort Solutions, Inc. of Cheyenne, WY in the amount of \$51,777.00 plus a contingency of \$5,177.00 for a total amount not to exceed \$56,954.00, to approve the contract therefore, and authorize the Mayor and Clerk to sign.

**[Smith, PW]**

Documents:

[Coversheet Main Lift Heater.pdf](#)  
[Main Lift Heater Construction Contract.pdf](#)  
[Bid Recommendation.pdf](#)  
[Bid Tab Main Lift Heating System Replacement.pdf](#)

**8.G. SCHEDULE MEETING(S)**

**Action:**

that the Council schedule the following meeting(s):

1. **WORK SESSION: January 24, 2017, 6:00 pm** - Public Works Project Updates
2. **WORK SESSION: February 14, 2017, 6:00 pm** - 3rd Street Mobility
3. **WORK SESSION: February 28, 2017, 6:00 pm** - Community Partner Presentations
4. **PUBLIC HEARING: March 28, 2017, 6:00 pm** - Liquor License Renewals

**9. REGULAR AGENDA**

- 10. Award of Professional Services Agreement between the City of Laramie, Wyoming and Haynes Mechanical Systems for preventative maintenance and service on City owned Heating, Venting and Air Conditioning Equipment.**

**[Feezer, P&R]**

Documents:

[Agenda Cover HVAC Preventive Maintenance Agreement 12-15-16.pdf](#)  
[RFQ Facilities HVAC Maintenance 7-12-2016.pdf](#)  
[Haynes Mechanical Systems HVAC Preventive Maintenance and Service 2017.pdf](#)

- 11. Bid Award for Self Contained Breathing Apparatus in the amount of \$142,370.00**

**[Johnson, Fire Chief]**

Documents:

[Cover Sheet - SCBA Bid Award.pdf](#)  
[Front Range Fire Apparatus SCBA Bid.pdf](#)  
[L N Curtis Sons SCBA Bid.pdf](#)

- 12. Resolution 2017-09, to appoint one board member to the Civil Service Commission.**

**[Southard, CA]**

Documents:

[CSC - Cover Sheet for Appointment Resolution.pdf](#)  
[CSC Resolution.pdf](#)

- 13. Amendment to the Solid Waste Budget to Increase Funding for the Stage 1 Permit**

**[Smith, PW]**

Documents:

[Coversheet Landfill BA.pdf](#)  
[Trihydro landfill scope of work.pdf](#)

- 14. Original Ordinance No. 1959, Rezoning an area approximately 26.5 acres in size from AE (Airport Enterprise) district to AV (Aviation) District, generally located at the Laramie Regional Airport.**

Second Reading (Introduced by Shuster)

**[Derragon, ACM]**

Documents:

[CC Cover 2nd Reading 1.17.2017 Z-16-05.pdf](#)  
[Ordinance Z-16-05 2nd Reading.pdf](#)  
[Z-16-05 PC Staff Report.pdf](#)

**15. Original Ordinance No. 1960, Amending Title 15 of Laramie Municipal Code for the purpose of amending Chapter 15.14 to alter the landscaping requirements for properties zoned AV (Aviation).**

Second Reading (Introduced by Shuster)

**[Derragon, ACM]**

Documents:

[Cover Sheet 2nd Reading.pdf](#)  
[Ordinance 2nd Reading.pdf](#)  
[Attachment A.pdf](#)  
[TA-16-08 PC Staff Report.pdf](#)

**16. Consideration of future Council work session topics**

Documents:

[Future Work Session Topics 1-17-2017.pdf](#)  
[Upcoming Meetings 01-17-2017.pdf](#)

**17. Public Comments on Non-Agenda Items by sign-in requests**

(Members of the public may address the City Council on items not on the printed Agenda. Please observe the time limit of five (5) minutes.)

**18. Adjournment to Executive Session regarding Land Negotiations**

CITY OF LARAMIE NOTICE OF PUBLIC MEETING(S)

The City Council will hold the following public hearings at 6:30 p.m. on January 17, 2017 in the City Council Chambers, Laramie City Hall, 406 Iverson Avenue, Laramie, WY, to take public comments following:

-Z-16-05: Submitted by Laramie Regional Airport (Jack Skinner) requesting the rezoning of an area approximately 26.5 acres in size from AE (Airport Enterprise) to AV (Aviation), generally located at the Laramie Regional Airport.

-TA-16-08: Submitted by Laramie Regional Airport (Jack Skinner) requesting an amendment to Chapter 15.14 of the Unified Development Code to alter the landscaping requirements for properties zoned AV (Aviation).

All applications, plans and specifications relative to these matter(s) are available for review at the City of Laramie Planning Office, at 405 Grand Avenue, Laramie, WY. Anyone wishing to be heard should be present or may be represented by his or her agent at the meeting. Written comments may be mailed to: City Council c/o City of Laramie Planning Office, P.O. Box C, Laramie, WY 82073. For questions or information, contact City Planning, at the address above, by telephone at 307-721-5207 or by email at [planning@cityoflaramie.org](mailto:planning@cityoflaramie.org).

Publish: December 24, 2016

BILL TO: City of Laramie Clerk, Attn: Angie Johnson, P.O. Box C, Laramie, WY 82073

AFFIDAVIT REQUIRED; PLEASE SEND TO ABOVE

CITY OF LARAMIE NOTICE OF PUBLIC MEETING(S)

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Publish: December 24, 2016

BILL TO: City of Laramie Clerk, Attn: Angie Johnson, P.O. Box C, Laramie, WY 82073

AFFIDAVIT REQUIRED; PLEASE SEND TO ABOVE

MINUTES  
CITY OF LARAMIE, WYOMING  
CITY COUNCIL MEETING  
JANUARY 3, 2017

**1. AGENDA**

Regular Meeting of the City Council was called to order by Mayor Paulekas at 6:31 p.m.

**2. Pledge of Allegiance**

Mayor Paulekas led the Pledge of Allegiance.

**3. Roll Call**

Roll call showed present: Hanson, Henry, Shumway, Shuster, Summerville, Weaver, Pearce, and Paulekas. Absent: Vitale.

Staff present: Janine Jordan, City Manager; David Derragon, Assistant City Manager; Angie Johnson, City Clerk; Bob Southard, City Attorney; Malea Brown, Administrative Services Director; Todd Feezer, Parks & Recreation Director; and Earl Smith, Public Works Director.

**4. PRE-MEETING ITEMS**

**4.A. PROCLAMATIONS & PRESENTATIONS**

**4.B. PUBLIC HEARING**

**4.C. ANNOUNCEMENTS**

**5. Disclosures by City Council Members**

**6. Consideration of Changes in Agenda and Setting the Agenda**

MOTION BY PEARCE, seconded by Shumway, that the Agenda be set as submitted.

**7. Approval of Consent Agenda**

Items listed on the Consent Agenda are considered to be routine and will be enacted by one motion in the form listed below. There will be no separate discussion of these items unless a Councilor or citizen so requests, in which case the item will be removed from the Consent Agenda and will be considered on the Regular Agenda.

MOTION BY PEARCE, seconded by Weaver, that the Consent Agenda be approved and that each specific action on the Consent Agenda be approved as indicated.

Roll call showed Aye: Hanson, Henry, Shumway, Shuster, Summerville, Weaver, Pearce, and Paulekas. Nay: None. Absent: Vitale. MOTION CARRIED.

MINUTES  
CITY OF LARAMIE, WYOMING  
CITY COUNCIL MEETING  
JANUARY 3, 2017

**8. CONSENT AGENDA**

**8.A. MINUTES: City Council Meetings**

**Action:**

that Council approve the Minutes of the City Council the Regular Meeting of December 20, 2016, and have them placed on file for public inspection.

**8.B. CEMETERY DEEDS: For December 16-31, 2016**

**Action:**

that the Cemetery Deeds for December 16-31, 2016 be accepted, and the Mayor and City Clerk be authorized to sign and have them recorded in the Office of the County Clerk.

**8.C. VOUCHERS: December 2016**

**Action:**

that the following Resolution be adopted: BE IT RESOLVED: that all vouchers approved by the Finance Committee be allowed, warrants drawn on proper City funds in payment thereof, and the vouchers be placed on file in the Treasurer's Office subject to public inspection; and that Council authorize payment for the month-end payroll, light and gas charges, telephone charges, Pioneer Canal-Lake Hattie Irrigation District lease, employee travel, other employee reimbursements, pay advances, refunds for City services, recording fees, postage, lease purchase and bond payments, self-funded employee health insurance claims, miscellaneous insurance claims, Council-approved bid items, outside attorney fees, other consulting fees, before normal City Council approval on the first Tuesday of January. These expenditures are to be paid subject to audit by the City of Laramie Finance Department.

**9. REGULAR AGENDA**

**10. Recognition of Outgoing Council Members**

**11. Adjournment**

MOTION BY HANSON, seconded by Henry, that Council adjourn.

MOTION CARRIED by voice vote.

Council adjourned at 6:48 p.m.

Respectfully submitted,

Angie Johnson  
City Clerk

MINUTES  
CITY OF LARAMIE, WYOMING  
CITY COUNCIL MEETING  
JANUARY 3, 2017

**1. AGENDA**

Regular Meeting of the City Council was called to order by City Clerk Angie Johnson at 6:50 p.m.

**2. Pledge of Allegiance**

City Clerk Angie Johnson led the Pledge of Allegiance.

**3. Oaths of Office for Elected Councilors.**

City Clerk Angie Johnson administered Oath of Office to newly elected Council members: Pat Gabriel, Charles McKinney, Pearce, Shumway, and Henry.

**4. Roll Call**

Roll call showed present: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Summerville, Pearce, and Paulekas. Absent: None.

In order to establish order of seniority of Council members with equal years of service Councilors Henry and Pearce drew from a deck of cards. High to low card number determined ranking: Pearce and Henry. (Attorney opened deck and conducted card drawing.)

In order to establish order of seniority of Council members with equal years of service Councilors Gabriel and McKinney drew from a deck of cards. High to low card number determined ranking: McKinney and Gabriel.

Final order of seniority of Council members Hanson, Shumway, Paulekas, Pearce, Henry, Summerville, Shuster, McKinney, and Gabriel.

Staff present: Janine Jordan, City Manager; David Derragon, Assistant City Manager; Angie Johnson, City Clerk; Bob Southard, City Attorney; Malea Brown, Administrative Services Director; Todd Feezer, Parks & Recreation Director; and Earl Smith, Public Works Director.

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CITY OF LARAMIE, WYOMING  
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JANUARY 3, 2017

**5. Election of Mayor and President of the Laramie City Council.**

**5.A. Nominations**

Nominations were conducted by City Clerk Angie Johnson.

Council member Hanson, do you have a nomination for Mayor and President of the City Council: Summerville.

Council member Shumway, do you have a nomination for Mayor and President of the City Council: Paulekas.

Council member Paulekas, do you have a nomination for Mayor and President of the City Council: None.

Council member Pearce, do you have a nomination for Mayor and President of the City Council: Henry.

Council member Henry, do you have a nomination for Mayor and President of the City Council: None.

Council member Summerville, do you have a nomination for Mayor and President of the City Council: None.

Council member Shuster, do you have a nomination for Mayor and President of the City Council: None.

Council member McKinney, do you have a nomination for Mayor and President of the City Council: Summerville.

Council member Gabriel, do you have a nomination for Mayor and President of the City Council: Paulekas.

City Clerk Angie Johnson stated the nominations are Summerville, Paulekas, and Henry.

**5.B. Election**

Council member Hanson, who do you vote for: Summerville.

Council member Shumway, who do you vote for: Paulekas.

Council member Paulekas, who do you vote for: Paulekas.

Council member Pearce, who do you vote for: Henry.

Council member Henry, who do you vote for: Henry.

Council member Summerville, who do you vote for: Summerville.

Council member Shuster, who do you vote for: Summerville.

Council member McKinney, who do you vote for: Summerville.

Council member Gabriel, who do you vote for: Paulekas.

City Clerk Angie Johnson stated the votes show 4 votes Summerville, 3 votes Paulekas, and 2 votes Henry.

Vote for finalists for Mayor: Summerville and Paulekas.

Council member Hanson, who do you vote for: Summerville.

Council member Shumway, who do you vote for: Paulekas.

Council member Paulekas, who do you vote for: Paulekas.

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JANUARY 3, 2017

Council member Pearce, who do you vote for: Summerville.  
Council member Henry, who do you vote for: Summerville.  
Council member Summerville, who do you vote for: Summerville.  
Council member Shuster, who do you vote for: Summerville.  
Council member McKinney, who do you vote for: Summerville.  
Council member Gabriel, who do you vote for: Paulekas.

City Clerk Angie Johnson stated the votes show 6 votes Summerville and 3 votes Paulekas.

**5.C. Resolution 2017-01, appointing the Mayor and President of the Council of the City of Laramie, Wyoming for the years of 2017-2018.**

MOTION BY SHUMWAY, seconded by Hanson, that Council approve Resolution 2017-01, appointing Council Member Summerville as the Mayor and President of the Council of the City of Laramie, Wyoming for the years of 2017-2018.

Roll call showed Aye: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Paulekas, Pearce and Summerville. Nay: None. Absent: None. MOTION CARRIED.

**6. Election of Vice Mayor and Vice President of the Laramie City Council.**

**6.A. Nominations**

Nominations were conducted by Mayor Summerville.

Council member Hanson, do you have a nomination for Vice Mayor and Vice President of the City Council: Pearce.

Council member Shumway, do you have a nomination for Vice Mayor and Vice President of the City Council: Hanson.

Council member Paulekas, do you have a nomination for Vice Mayor and Vice President of the City Council: Gabriel.

Council member Pearce, do you have a nomination for Vice Mayor and Vice President of the City Council: Henry.

Council member Henry, do you have a nomination for Vice Mayor and Vice President of the City Council: Pearce.

Council member Summerville, do you have a nomination for Vice Mayor and Vice President of the City Council: Shuster.

Council member Shuster, do you have a nomination for Vice Mayor and Vice President of the City Council: None.

Council member McKinney, do you have a nomination for Vice Mayor and Vice President of the City Council: None.

Council member Gabriel, do you have a nomination for Vice Mayor and Vice President of the City Council: None.

Mayor Summerville stated the nominations are Pearce, Hanson, Gabriel, Henry and Shuster.

MINUTES  
CITY OF LARAMIE, WYOMING  
CITY COUNCIL MEETING  
JANUARY 3, 2017

**6.B. Election**

Council member Hanson, who do you vote for: Pearce.  
Council member Shumway, who do you vote for: Gabriel.  
Council member Paulekas, who do you vote for: Gabriel.  
Council member Pearce, who do you vote for: Pearce.  
Council member Henry, who do you vote for: Pearce.  
Council member Summerville, who do you vote for: Pearce.  
Council member Shuster, who do you vote for: Shuster.  
Council member McKinney, who do you vote for: Pearce.  
Council member Gabriel, who do you vote for: Gabriel.

City Clerk Angie Johnson stated the votes show 5 votes Pearce, 3 votes Gabriel, and 1 vote Shuster.

**6.C. Resolution 2017-02, appointing the Vice-Mayor and Vice-President of the Council of the City of Laramie, Wyoming for the years of 2017-2018.**

MOTION BY SHUMWAY, seconded by Hanson, that Council approve Resolution 2017-02, appointing Council Member Pearce as the Vice Mayor and Vice-President of the Council of the City of Laramie, Wyoming for the years of 2017- 2018.

Roll call showed Aye: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Paulekas, Pearce and Summerville. Nay: None. Absent: None. MOTION CARRIED.

**7. Seat Selection.**

City Council members selected seating arrangement as per City of Laramie Code of Conduct and Guidelines for City Council. This process was conducted by rotation of Council members beginning with those Council members with the most years of consecutive service as a Council member. Seniority listing: Hanson, Shumway, Paulekas, Pearce, Henry, Summerville, Shuster, McKinney, and Gabriel.

Seating from left to right, as seen from the floor: McKinney, Henry, Gabriel, Vice-Mayor Pearce, Mayor Summerville, Shumway, Paulekas, Shuster, and Hanson.

**8. Selection of Boards and Commissions Council positions.**

Selection of positions was conducted by order of seniority, reversing the order of the list each time until all positions have been selected: Hanson, Shumway, Paulekas, Pearce, Henry, Summerville, Shuster, McKinney and Gabriel.

MINUTES  
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**8.A. Resolution 2017-03, appointing Council Members for the City of Laramie, Wyoming to serve as a liaison or voting member to each Board and Commission for the City of Laramie, Wyoming.**

MOTION BY HENRY, seconded by Pearce, that Council approve Resolution 2017-03, appointing Council Members for the City of Laramie, Wyoming to serve as a liaison or voting member to each Board and Commission for the City of Laramie, Wyoming as read by city clerk.

The appointments are as follows:

Board of Health: McKinney.

Building & Fire Code Board of Appeals: McKinney.

Downtown Development Authority/Main Street Alliance: Summerville.

Environmental Advisory Committee: Pearce.

Laramie Advisory Commission on Disabilities: Hanson.

Parks, Trees, and Recreation Advisory Board: Gabriel.

Planning Commission/Zoning Board of Adjustment: Henry.

Monolith Ranch Advisory Committee: Henry.

Traffic Commission: Hanson.

Finance Committee: Hanson, Shumway, and Pearce.

Local Emergency Planning Committee: Paulekas.

Urban Systems Advisory: Shuster, Paulekas, and Shumway.

Albany County Tourism Board JPB: Hanson.

Laramie Plains Civic Center Board JPB: Gabriel.

Laramie Regional Airport JPB: Summerville.

Laramie Chamber Business Alliance Beautification Committee: Henry.

Laramie Chamber Business Alliance/Economic Development Corporation: Paulekas.

Laramie Railroad Depot Association Board: Shuster.

Laramie Rifle Range Board: McKinney.

Wyoming Territorial Park Board: Shuster.

Laramie Town and Gown Association Leadership Advisory Group: Summerville.

Governing Body Sub-Committee for the Laramie Youth Council: Shumway, Pearce, and Gabriel.

Roll call showed Aye: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Paulekas, Pearce and Summerville. Nay: None. Absent: None. MOTION CARRIED.

**9. Resolution 2017-04, designating the Laramie Daily Boomerang as the official legal newspaper of the City of Laramie, Wyoming for the calendar years 2017 and 2018.**

MOTION BY HANSON, seconded by Henry, that Council approve Resolution No. 2017-04, designating the Laramie Daily Boomerang as the official legal newspaper of the City of Laramie, Wyoming for the calendar years 2017 and 2018.

Roll call showed Aye: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Paulekas, Pearce and Summerville. Nay: None. Absent: None. MOTION CARRIED.

MINUTES  
CITY OF LARAMIE, WYOMING  
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**10. Disclosures by City Council Members**

**11. Consideration of Changes in Agenda and Setting the Agenda**

MOTION BY PEARCE, seconded by Shumway, that the Agenda be set as submitted.

**12. Approval of Consent Agenda**

Items listed on the Consent Agenda are considered to be routine and will be enacted by one motion in the form listed below. There will be no separate discussion of these items unless a Councilor or citizen so requests, in which case the item will be removed from the Consent Agenda and will be considered on the Regular Agenda.

MOTION BY PEARCE, seconded by Shuster, that the Consent Agenda be approved and that each specific action on the Consent Agenda be approved as indicated.

Roll call showed Aye: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Paulekas, Pearce and Summerville. Nay: None. Absent: None. MOTION CARRIED.

**13. CONSENT AGENDA**

**13.A. CONTRACT: Professional Services Contract between the City of Laramie and the Retail Coach.**

**Action:**

I move to approve the Professional Services Contract between the City of Laramie and the Retail Coach authorize the Mayor and Clerk to sign upon receipt of an executed copy from the Retail Coach.

**13.B. SCHEDULE MEETING(S)**

**Action:**

that the Council schedule the following meeting(s):

- 1. WORK SESSION: February 11, 2017, 8:30 am** - Council Retreat, Recreation Center Conference Room.

MINUTES  
CITY OF LARAMIE, WYOMING  
CITY COUNCIL MEETING  
JANUARY 3, 2017

**14. REGULAR AGENDA**

**15. Resolution 2017-05, authorizing the submittal of a State Drinking Water Revolving Loan Fund (DWSRF) application to the Office of State Lands and Investments in an amount not to exceed \$3,000,000 to support the Public Works Service Center Improvement Project.**

MOTION BY HANSON, seconded by Shumway, to approve Resolution No. 2017-05 authorizing the submittal of a DWSRF application to the Office of State Lands and Investments in an amount not to exceed \$3,000,000 to support the Public Works Service Center Improvement Project and authorize the Mayor and Clerk to sign the resolution”.

Roll call showed Aye: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Paulekas, Pearce and Summerville. Nay: None. Absent: None. MOTION CARRIED.

**16. Resolution 2017-06, authorizing the submittal of a State Clean Water Revolving Loan Fund (CWSRF) application to the Office of State Lands and Investments in an amount not to exceed \$2,000,000 to support the Public Works Service Center Improvement Project.**

MOTION BY SHUSTER, seconded by Pearce, to approve Resolution No. 2017-06 authorizing the submittal of a CWSRF application to the Office of State Lands and Investments in an amount not to exceed \$2,000,000 to support the Public Works Service Center Improvement Project and authorize the Mayor and Clerk to sign the resolution.

Roll call showed Aye: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Paulekas, Pearce and Summerville. Nay: None. Absent: None. MOTION CARRIED.

**17. Resolution 2017-07, authorizing the submittal of a State Drinking Water Revolving Loan Fund (DWSRF) application to the Office of State Lands and Investments in an amount not to exceed \$4,356,000 to support the design and construction of the North Side Tank Improvement Project.**

MOTION BY PEARCE, seconded by Henry, to approve Resolution No. 2017-07 authorizing the submittal of a DWSRF application to the Office of State Lands and Investments in an amount not to exceed \$4,356,000 for the North Side Tank Project and authorize the Mayor and Clerk to sign the resolution.

Roll call showed Aye: Gabriel, Hanson, Henry, McKinney, Shumway, Shuster, Paulekas, Pearce and Summerville. Nay: None. Absent: None. MOTION CARRIED.

**18. Consideration of future Council work session topics**

Paulekas- Taxi Ordinance.

Shumway- Parking maybe joint with University of Wyoming.

MINUTES  
CITY OF LARAMIE, WYOMING  
CITY COUNCIL MEETING  
JANUARY 3, 2017

**19. Public Comments on Non-Agenda Items by sign-in requests**

David Polizzi- asking about sustainable energy projects.

**20. Adjournment**

MOTION BY HANSON, seconded by Pearce, that Council adjourn.

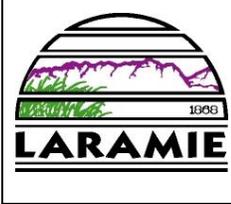
MOTION CARRIED by voice vote.

Council adjourned at 8:02 p.m.

Respectfully submitted,

Angie Johnson  
City Clerk

**CITY OF LARAMIE COUNCIL REGULAR MEETING**      January 17, 2017



**Agenda Item:** Minutes

**Title:** Minutes of the December 14, 2016 regular meeting of the Parks, Tree and Recreation Advisory Board.

**Recommended Council MOTION:**

I move that Council accept the minutes of the Parks, Tree & Recreation Advisory Board from December 14, 2016, and place them on file for public inspection: 1) to approve the minutes from the November 9, 2016 regular meeting of the Parks, Tree and Recreation Advisory Board. (approved) 2) to approve Adopt-A-Trail agreements with School of Energy Resources and UNIWYO Federal Credit Union. (approved) 3) to approve Adopt-A-Park agreement with Kappa Sigma Fraternity. (approved) 4) consideration of waiving the room rental fee at the Recreation Center by request from Laramie Elks Club Lodge No. 582 for the Annual Elks Hoop Shoot, “national free throw shooting contest” for youngsters ages 8-13. (approved) 5) consideration of 50% reduction in fees at the Ice & Event Center for Project Graduation. (Approved) 6) consideration of 50% reduction in fees at the Ice & Event Center for Friends of Community Recreation Foundation Skate with Santa event. (approved) 7) Presentation of the League of American Bicyclists - Bike Friendly Community Award and consideration of expanding the “Bike” committee’s duties to attain higher recognition. (no action)

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**Administrative or Policy Goal:**

*Council Goals:* Preserve park land, open space, and public trails for future generations. Continue public relations outreach to engage residents in municipal government.

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**Background:**

Minutes from the December 14, 2016 Parks, Tree and Recreation Advisory Board meeting.

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**Legal/Statutory Authority:**

N/A

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**Budget/Fiscal Information:**

**Responsible Staff:**

Todd Feezer, Director, Parks & Recreation Department  
(307) 721-5260, tfeezer@cityoflaramie.org

**Attachments:**    Advisory Board Minutes December 14, 2016

**CITY OF LARAMIE**  
**PARKS, TREE & RECREATION ADVISORY BOARD**  
**December 14, 2016**  
**Minutes of Meeting**

MEMBERS PRESENT: Amy Williamson, Helen Coates, Chris Dixon, Nick Carlson, Stephen Ropp, Marius Favret, Larry Foianini, Dave Hammond

MEMBERS NOT PRESENT: Dylan Esquivel

COUNCIL LIASON: Paul Weaver

GUESTS: Warren Greaser, Rawstone Development; Cynthia Dywan, Laramie BikeNet

CITY STAFF PRESENT: Todd Feezer, Parks & Recreation Director; Jodi Guerin, Recreation Manager; Scott Stevenson, Facilities Manager; Inez Wildenborg, Administrative Coordinator

The regular meeting was called to order by Foianini at 6:35 pm.

**Consent Agenda:**

1. To approve the minutes from the November 9, 2016 regular meeting of the Parks, Tree and Recreation Advisory Board. (Feezer, pages 2-3)
2. To approve Adopt-A-Trail agreements with School of Energy Resources and UNIWYO Federal Credit Union. (Feezer, pages 4-7)
3. To approve Adopt-A-Park agreement with Kappa Sigma Fraternity. (Feezer, pages 8-9)
4. Consideration of waiving the room rental fee at the Recreation Center by request from Laramie Elks Club Lodge No. 582 for the Annual Elks Hoop Shoot, "national free throw shooting contest" for youngsters ages 8-13. (Guerin, pages 10-11)
5. Consideration of 50% reduction in fees at the Ice & Event Center for Project Graduation. (Guerin, pages 12-14)
6. Consideration of 50% reduction in fees at the Ice & Event Center for Friends of Community Recreation Foundation Skate with Santa event. (Guerin, pages 15-17)

Motion by Williamson, seconded by Coates, that the consent agenda be amended to include the Adopt-A-Trail agreement for Crossfit Laramie. Motion carried 8-0.

Motion by Williamson, seconded by Coates, that the consent agenda be approved and that each specific action on the consent agenda be approved as indicated within the staff reports. Motion carried 8-0.

**Regular Agenda:**

1. Presentation of the League of American Bicyclists - Bike Friendly Community Award and consideration of expanding the "Bike" committee's duties to attain higher recognition. (McCoy/Dywan, pages 18-22)

Dan McCoy gave a presentation on the Bike Friendly Community Award that Laramie received and asked the PT&R Board for their consideration of expanding the "Bike" committee's duties to attain higher recognition. Discussion was made.

2. Acknowledging Receipt of the West Laramie/Snowy Range Road Bicycle/Pedestrian Feasibly Study. (Feezer, pages 23-24)

Motion by Williamson, seconded by Favret that the PT&R Board acknowledge receipt of the West Laramie/Snowy Range Road Bicycle/Pedestrian Feasibly Study and forward to Council for the same. Motion carried 9-0.

**Staff Reports FYI:**

Monthly Managers Report (pages 25-27)

Stevenson presented Facilities Division Staff Report

Guerin presented Recreation Division Staff Report

Feezer presented Parks Division Staff Report

**Upcoming Items:**

None at this time.

**Other Business:**

Albany County Recreation Board Grants – Special Meeting of Advisory Board – January 17 (Presentations), January 18 (Discussion)

**Advisory Board Open Items:**

No open items.

\*Next Regular Meeting Date: Wednesday, January 11, 2016 at 6:30pm

**Public Comments:**

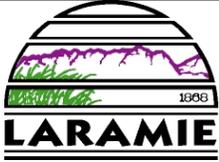
Meeting adjourned at 7:30pm.

Respectfully Submitted,

*Inez Wildenberg*

Inez Wildenberg  
Administrative Coordinator  
City of Laramie, Parks and Recreation

**CITY OF LARAMIE COUNCIL REGULAR MEETING      January 17, 2017**



**Agenda Item: Resolution**  
**Title: Resolution 2017-08 in support of appointing a Magistrate for the City of Laramie Municipal Court**

**Recommended Council MOTION:**

I move that Council approve Resolution 2017-08, authorizing the appointment of a local attorney, Robert J. Sanford, as a Magistrate for the City of Laramie Municipal Court, and authorize the Mayor and Clerk to sign.

**Administrative or Policy Goal:**

Department objective: Appoint a new Magistrate (Alternate Judge) to hold court for the Municipal Court Judge if she is unavailable due to illness, vacation, or training, or other absence from the City of Laramie.

**Background:**

One of the Court’s current Magistrates, Tori R. A. Kricken, has been appointed by the Governor to serve as District Court Judge in Albany County, Wyoming. Her last day of work in the City of Laramie was December 31, 2016; as a result, she will be unable to serve as a Magistrate for the Municipal Court after that date.

Ms. Kricken’s departure leaves two (2) other local attorneys in the position of Magistrate. Municipal Court Judge Merseal feels that the appointment of a third Magistrate is necessary to ensure that court can be held in his absence.

Municipal Court Judge Merseal recommends to the City Council that Robert J. Sanford, a local attorney who is highly qualified, be appointed as a Magistrate for the City of Laramie Municipal Court. Mr. Sanford’s resume is attached for City Council review.

**Legal/Statutory Authority:**

N/A

**BUDGET/FISCAL INFORMATION:**

Budget	Amount	Funds
Total Budget Allocation	\$30,000.00	Court appointed attorney/ Judge
Less Amount Spent to Date		
Remainder of Budget	\$30,000.00	

**RESPONSIBLE STAFF:**

Municipal Court Judge – Joshua Merseal  
 Administrative Services Director – Malea Brown

Attachments: Resolution 2017-08, Resume Robert J. Sanford

RESOLUTION NO. 2017-08

A RESOLUTION APPOINTING A MAGISTRATE FOR THE MUNICIPAL COURT

WHEREAS, the City of Laramie Municipal Court had three Magistrates (Alternate Judges) who have been approved to work for the City of Laramie Municipal Court to hold court when the Municipal Court Judge is not available for court;

WHEREAS, Tori R. A. Kricken resigned as a Municipal Court Magistrate leaving the City with only two Alternate Judges.

WHEREAS, the City of Laramie Municipal Court Judge Joshua Merseal would like to secure the services of an additional Magistrate in the event that the currently-appointed Magistrates are not available when requested to hold court;

WHEREAS, the City of Laramie Municipal Court Judge Joshua Merseal has selected Robert J. Sanford, a qualified local attorney, as Magistrate for the Court;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LARAMIE, WYOMING, that Robert J. Sanford be, and he hereby is, appointed as Magistrate for the City of Laramie Municipal Court.

This resolution shall become effective after passage and approval.

PASSED AND APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Andi Summerville, Mayor and President of the  
City Council of the City of Laramie, Wyoming

ATTEST:

\_\_\_\_\_  
Angie Johnson  
City Clerk

## **Robert J. Sanford**

758 N. Fifth St.  
Laramie, WY  
(307) 760-6936

[robsanford1776@gmail.com](mailto:robsanford1776@gmail.com)

### **Education:**

- Squadron Officer School, U.S. Air Force** **Graduated 2014**  
**Officer Training School – Maxwell AFB, AL.** **Graduated 2012**  
**US Air Force JAG School - Maxwell AFB, AL.** **Graduated 2012**  
**The University of Wyoming, College of Law - Laramie, WY.** **J.D., With Honors. May, 2007.**
- Wyoming Law Review: Articles Editor 2006-2007. (Also in charge of Energy Symposium)
  - Moot Court: First Place Team and Highest Individual Scorer for Oral Arguments before S.Ct.
  - Outstanding Oral Advocacy Award, May 2007. Trelease Scholar.
  - “High A” in Criminal Adjudication on both midterm brief and final exam.
- The University of Wyoming - Laramie, WY .** **M.A. Foreign Languages, 2003.**  
**The University of the South – Sewanee, TN** **B.A. Economics & Spanish, 1996.**
- Varsity Soccer Team, 1992-1996. Players’ Choice Award, 1996.
  - Order of the Gownsmen (Academic Honor Society). Sigma Delta Pi (Spanish Honor Society).
  - Secondary Education Teacher Certification, May 1996.
- St. Stephen’s Episcopal School – Bradenton, FL** **Diploma, 1991**
- Varsity Soccer, Basketball, and Baseball. Captain and MVP Award, Varsity Soccer.
  - Harry T. Burke Scholarship for Community Service.
  - School Winner, National High School Mathematics Competition.

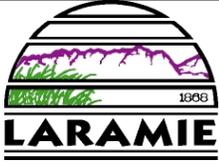
### **Professional Experience:**

- Attorney** – Sanford Law Firm, LLC. Laramie, WY April 2016 to present.  
**Prosecuting Attorney** – Albany County Attorney’s Office, Laramie, WY Jan 5, 2015 to Oct 2016.
- Lead counsel for multiple successful first degree murder trials and crimes against children.
  - District Attorney’s Office. Cheyenne, WY June 9, 2009 – Jan 5, 2015.
  - Specialized Intensive Training in Arson Investigation and Crimes against Children.
  - Founding member of Wyoming’s only Veteran’s Treatment Court.
- Air Force JAG Officer** – attached to F.E. Warren Air Force Base. August 15, 2011 - present.
- Currently Serving as Reservist Judge Advocate General Officer for the United States Air Force.
  - Court-martialed A.F.’s most notorious child molestation defendant. 2014.
  - Admitted to U.S. Court of Appeals for the Armed Forces and Air Force Court of Criminal Appeals.
- Attorney** - Nicholas & Tangeman Law Firm. Laramie, WY January 2008 to June 2009.
- Civil Litigation
- Attorney** - Crowley Fleck Law Firm. Billings, MT. September 2007- January 2008.
- Litigation Department
- Legal Intern** – Brown, Drew, Massey Law Firm. Casper Wyoming. Summer 2006.
- Wrote legal memoranda and motions and translated for Spanish-speaking client.
- Policy Analyst Intern** – Governor Freudenthal’s Office. Wyoming. May 2005 to May 2006.
- College Spanish Instructor & Grad. Student** - University of Wyoming. 2001-2003.
- Elboggen Teaching Award, 2003. (Highest Teaching Award at UW.)
  - “Warming Up the Chill” Teaching Award, 2001.
- Spanish and Math Teacher & Head Soccer Coach.** Franklin Co. H.S. Winchester, TN. 1996-1998, 2000.
- Soccer Team Ranked Fourth in State. District & Regional Champions. 1997, 1998.
  - School’s only State Tournament berths. 1997, 1998. •Various Coach-of-the Year Awards.
- NCAA Assistant Soccer Coach, Men’s Soccer Team.** The University of the South-Sewanee, TN. 1996-1999.
- Team ranked as high as third in region and twentieth in U.S.
- Ranch Hand and Guide.** Castle Rock Ranch - Cody, WY. Summers 1993 – 1998.
- Taught rock-climbing, guided raft trips and pack trips, and helped with ranch operations.

### **Foreign Languages:**

**Near-native fluency with Spanish. Intermediate Proficiency with French and Italian.**

**CITY OF LARAMIE COUNCIL REGULAR MEETING January 17, 2017**



**Agenda Item:** Contract

**Title:** Agreement with the University of Wyoming to extend Jacoby Water Agreement through March 1, 2017.

**Recommended Council MOTION:**

1. I move to approve the Agreement to extend the Jacoby Water Agreement through March 1, 2017, and authorize the Mayor and Clerk to sign.

**Administrative or Policy Goal:**

Continuity of services and previous agreement.

**Background:**

City staff and the University of Wyoming are negotiating a new contract for Jacoby water service. In the meantime, the existing agreement and its extension expired on December 31, 2016. Before that expiration, the parties agreed to seek from Council this extension of existing agreement until March 1, 2017, in order that obligations under the previous agreement remain in effect during negotiations.

**Responsible Staff:**

**City Attorney**

**AMENDMENT NO. 2 TO AGREEMENT  
BETWEEN THE CITY OF LARAMIE, WYOMING AND UNIVERSITY OF WYOMING  
REGARDING JACOBY GOLF COURSE WATER**

Whereas, the City of Laramie and the University of Wyoming (Parties) entered into an Agreement for Jacoby Golf Course water usage, which expired August 15, 2016;

Whereas, the City of Laramie and the University of Wyoming amended the Agreement to extend the term to December 31, 2016;

Whereas, the Parties wish to amend the Agreement to extend the term to March 1, 2017 in order to negotiate a new agreement.

NOW THEREFORE, pursuant to Section 7.01 of the Agreement, Section 3 of the Agreement shall be deleted and replaced in its entirety with the following:

3. This Agreement is effective August 15, 2006 and continuing until March 1, 2017.

The rest of the Agreement shall remain effective with no changes.

IN WITNESS WHEREOF, the Laramie City Council has caused this Agreement to be signed and executed on its behalf by its Mayor, and duly attested by its City Clerk, and the University through its duly authorized representative has signed and executed this Agreement.

CITY OF LARAMIE, WYOMING

By:

City Attorney's Office Approval as to Form:

UNIVERSITY OF WYOMING

By:   
Vice President for Administration

**CITY OF LARAMIE COUNCIL REGULAR MEETING     January 17, 2017**



**Agenda Item: Bid Award**

**Title: Public Works Department (Utilities) - Main Lift Heating System Replacement**

**Recommended Council MOTION:**

“I move to award the bid for the Main Lift Heating System Replacement Project to Advanced Comfort Solutions Inc. of Cheyenne, WY in the amount of \$51,777.00 plus a contingency of \$5,177.00 for a total amount not to exceed of \$56,954.00, to approve the contract therefore, and authorize the Mayor and Clerk to sign.”

**Administrative or Policy Goal:**

Maintain City-wide Infrastructure Improvements Program as Adopted in the 2015 Water Master Plan and Long Range Financial Plans for water, sewer, and storm drainage improvements.

**Background:**

This project involves the replacement of the current heating system at the Main Lift Station. The current heating system is approximately 8 years old and has proven unreliable and costly to maintain due to the daily working environment within the lift station. This project includes the purchase and installation of a new heating system, pouring a new concrete pad, and rerouting utilities to connect to the new system.

As per the City’s purchasing policy, the project was advertised and placed out for public bid. A mandatory pre-bid meeting for the project was held on December 15, 2016. The bid opening for the project was held on January 3, 2017. The City received two bids on the project. The results are as follows:

<b>Bidder</b>	<b>Bid</b>
Advanced Comfort Solutions Inc.	\$51,777.00
Laramie Mechanical	\$56,500.00

**Legal/Statutory Authority:**

**BUDGET/FISCAL INFORMATION:**

**REVENUE**

Source	Amount	Type
Fees/Charges for Service	\$100,000.00	WW 510-8035-432-7900; Pg. 28 WW Capital Budget
Grants for Projects		
Loans on Project		
Other		
Total	\$100,000.00	

**EXPENSE**

Proposed Project Cost.

Project Budget	Amount	Funds
Project Cost	\$51,777.00	As per bid; Advanced Comfort Solutions Inc.
Loans on Project		
Grants for Project		
Other/Outside Projects		
City's Amount	\$51,777.00	
Contingency 10%	\$5,177.00	
Total Amount	\$56,954.00	

Amount spent to date (approved and adopted by Council)

Budget	Amount	Funds
Total Budget Allocation	\$100,000.00	WW 510-8035-432-7900; Pg. 28 WW Capital Budget
Less Amount Spent to Date	\$5,080.00	Design
Remainder of Budget	\$94,920.00	

**Responsible Staff:**

Earl Smith, P.E., Public Works Director  
Chris Claymore, WWTP Supervisor

Attachments:

Contract  
Bid Recommendation

**CONSTRUCTION CONTRACT  
BETWEEN  
CITY OF LARAMIE, WYOMING  
AND  
ADVANCED COMFORT SOLUTIONS, INC.**

1. **Parties.** This Contract is entered into this \_\_\_\_ day of January, 2017 by and between City of Laramie, Wyoming, (hereinafter referred to as “City”), whose address is 406 Iverson Street, Laramie, Wyoming 82072, and Advanced Comfort Solutions, Inc. (hereinafter referred to as “Contractor”), whose address is 3941 W 5<sup>th</sup> St., Cheyenne, WY, 82007. City and Contractor agree to the terms set forth in this document.

2. **Purpose of Contract.** Contractor shall provide all labor, supervision, materials, equipment, all incidentals, related items and appurtenances, and performing all operations necessary to complete the Main Lift Station Heating System Replacement including the replacement of the existing gas-fired make-up air unit at the Laramie Wastewater Treatment Plant Headworks building. The unit will be relocated to the south side of the building and new ductwork will connect to the existing ductwork located inside of the building. The natural gas piping will be extended to the new make-up air unit location. Electrical power will need to be provided at the new location and a general contractor will be required to perform the cutting and patching of the wall for the new mechanical system in accordance with the Advertisement to Bid (hereinafter referred to as “ATB”) documents dated 12/7/2016 labeled as WWMLSH – Main Lift Station Heating System Replacement which is marked Attachment A and attached hereto and incorporated herein.

3. **Term of Contract.**

A. **Time of Commencement and Substantial Completion.**

(i) The work under this Contract shall commence within seven (7) calendar days of receipt of Notice to Proceed and will be substantially complete and ready for final payment in accordance with paragraph 14.07 of the general conditions on or before April 25<sup>th</sup>, 2017.

(ii) Performance under this Contract shall not begin prior to the date upon which the last required signature is affixed to this Contract or the date of the Contractor's receipt of a Notice to Proceed, whichever occurs later.

(iii) Permitting the Contractor to continue and finish the work or any part of it after the time fixed for its completion, or after the use of additional contract time, will in no way operate as a waiver on the part of City of any of its rights under the Contract.

4. **Payment.**

A. **Contract Sum.**

(i) City agrees to pay Contractor for the services described herein. The total payment under this Contract shall not exceed Fifty-One Thousand Seven Hundred Seventy-Seven dollars, (\$51,777.00). No payment shall be made for work performed prior to the date upon which the last required signature is affixed to this Contract or the date of the Contractor's receipt of a Notice to Proceed, whichever occurs later.

(ii) Additional Notices to Proceed shall be issued corresponding to any respective Contract Amendments.

(iii) Pursuant to Wyo. Stat. §16-6-602, City shall pay interest beginning the forty-sixth day at the rate of one and one-half percent (1 ½%) per month on the unpaid balance of the progress payment until the account is paid in full, unless a good faith dispute exists as to City's obligation to pay all or a portion of the account.

**B. Progress Payments.**

(i) Contractor may submit monthly invoices for progress payment. Materials included on each invoice must either be installed or stored on site, additionally, any fees for labor must be performed prior to the submission of the invoice. No advance payment for materials or services may be requested. So long as the Contractor is satisfactorily progressing in performance of this contract, City may make monthly progress payments on the contract sum to the Contractor. Pursuant to Wyo. Stat. §16-6-702, City shall withhold ten percent (10%) of the calculated value of any work completed until one hundred percent (100%) of the work required by the contract has been performed. The withheld percentage of the contract price shall be retained in an account in the name of the Contractor which has been assigned to City until the contract is completed satisfactorily and finally accepted. Before the withheld percentage payment is made, City shall determine that satisfactory and substantial reasons exist for the payment and shall require written approval from any surety furnishing bonds for the contract work.

(ii) If it becomes necessary for City to take over the completion of the Contract, all amounts owed the Contractor, including the withheld percentage shall first be applied toward the cost of completion of the Contract, as provided in Wyo. Stat. §16-6-703, as amended. Any balance remaining of the retained percentage after completion by City shall be payable to Contractor or Contractor's creditors. The retained percentage which may be due to Contractor shall be due and payable as prescribed by Wyo. Stat. §16-6-116.

**C. Final Payment.**

(i) Final payment, constituting the entire unpaid balance of the contract sum, shall be paid by City to the Contractor when the Contract work has been completed, and the Contract fully performed. The Contractor shall make its request for final payment in writing to City. The Contractor's request for final payment must include the final reconciliation of the return of, and any restocking charges applied by the suppliers for any unused materials in storage. City shall determine in writing when the Contract work has been completed. Final payment will be made pursuant to Wyo. Stat. §§ 16-6-116 and 16-6-117, as amended.

(ii) No final payment will be made until the Contractor files a sworn statement, stating that all claims for material and labor performed under the Contract have been made, and that no liens or claims for unpaid materials, labor or equipment are outstanding. The sworn statement shall be filed with the appropriate entity, as designated in Wyo. Stat. § 16-6-117. A copy of the sworn statement shall be provided to City.

(ii) If any claim for material and labor is disputed, the sworn statement shall so state and include a copy of any claim or lien and the amount claimed. The amount claimed shall be deducted from the final payment and retained by City until the dispute is resolved, as provided in Wyo. Stat. § 16-6-117. The parties agree that City may, at its discretion, place the disputed amount in an interest bearing account. In the event the funds are placed in an interest bearing account, any and all accrued interest shall belong to City.

(iii) No final payment will be made until the Contractor provides a warranty security in the form of a certified or cashier's check or bond issued by a surety meeting the requirements of Article 5.01 of the General Conditions. The certified or cashier's check or bond shall be in the amount of the 5% of the original contract amount, and shall have an expiration date consistent with the final correction or warranty period.

**D. Liquidated Damages.**

(i) If the Contractor fails to complete the work within the time specified in the Contract, or within any authorized extension of time under a change order, Contractor shall pay to City as liquidated damages, the sum listed in the following table, for each calendar day of delay until the work is substantially complete, as approved by City.

Original Contract Amount		Liquidated Damages charge per calendar day
\$0.00	to \$50,000.00	\$500.00
\$50,000.01	to \$100,000.00	\$1,000.00
\$100,000.01	to \$500,000.00	\$1,500.00
\$500,000.01	to \$1,000,000.00	\$2,000.00
\$1,000,000.00	and greater	\$3,000.00

(ii) The liquidated damages shall be computed beginning the day following the first calendar day specified for completion and shall continue each and every calendar day until all work under the Contract is substantially complete, as approved by City.

(iii) Liquidated damages will not be charged for any work required to be done by the Contractor as a result of a final inspection, providing the work is only cleanup or of a minor nature and the Contractor has shown constant effort in completing the work, as determined by City. If deferment of the inspection is necessary due to causes which City determines to be beyond the control of and without the fault or negligence of the Contractor, liquidated damages will not be assessed for that period of time.

(iv) Nothing herein shall be construed to preclude City from the recovery of damages for causes other than the delay by the Contractor.

**5. Responsibilities of Contractor.**

**A.** The Contractor shall perform all work on the described project as required by the Contract documents. The work to be performed includes the labor and services necessary to produce such replacement, and all materials, supplies, tools, transportation, equipment, and machinery required for replacement.

**B.** This project bid includes all materials, labor and equipment to complete the reconstruction and resurfacing of streets as outlined in the Project Manual for WWMLSH – Main Lift Heating System Replacement dated December 2016 as outlined in Attachment A.

**6. General Provisions.**

**A. Ownership of Documents/Work Product.** All documents, reports, records, field notes, materials, and data of any kind resulting from performance of this Contract are at all times the joint property of the Contractor and City. Upon termination of the Contract all of the above documents return to the City.

**B. Independent Contractor.** The Contractor shall function as an independent Contractor for the purposes of this Contract, and shall not be considered an employee of the City of Laramie for any purpose. The Contractor shall assume sole responsibility for any debts or liabilities that may be incurred by the Contractor in fulfilling the terms of this Contract, and shall be solely responsible for the payment of all federal, state, and local taxes which may accrue because of this Contract. Nothing in this Contract shall be interpreted as authorizing the Contractor or its agents and/or employees to act as an agent or representative for or on behalf of City, or to incur any obligation of any kind on the behalf of City. The Contractor agrees that no health/hospitalization benefits, workers' compensation and/or similar benefits available to City of Laramie employees will inure to the benefit of the Contractor or the Contractor's agents and/or employees as a result of this Contract.

**C. Amendments.** Any changes, modifications, revisions or amendments to this Contract which are mutually agreed upon by the parties to this Contract shall be incorporated by written instrument, executed and signed by all parties to this Contract.

**D. Insurance.** The Contractor shall maintain the following insurance:

(i) **Comprehensive General Liability.** Contractor shall have and maintain comprehensive general liability insurance coverage during the entire term of the Contract, against claims arising out of bodily injury, death, damage to or destruction of the property of others, including loss of use thereof, and including underground, collapse and explosion (XCU) and products and completed operations in an amount not less than five hundred thousand dollars (\$500,000.00) each occurrence and one million dollars (\$1,000,000.00) in the general aggregate.

(ii) **Workers Compensation or Employers Liability Insurance.** Contractor shall provide proof of workers compensation coverage, for all its employees who are to work on the projects described in this Contract. Contractor's coverage shall be under the Wyoming Workers Safety and Compensation program, if statutorily required, or such other workers compensation insurance as appropriate. Contractor's insurance shall include A Stop Gap coverage in an amount not less than Five Hundred Thousand Dollars (\$500,000.00) per employee for each accident and disease. Contractor shall have also supply proof of workers' compensation and employer's liability insurance on each and every subcontractor before allowing that subcontractor on the job site.

(iii) **Business Automobile Liability.** Contractor shall maintain, during the entire term of the contract, automobile liability insurance in an amount not less than five hundred thousand dollars (\$500,000.00) per occurrence.

(iv) **Coverage.** All policies required under this Contract shall be in effect for the duration of this Contract and projects. All policies shall be primary and not contributory. Contractor shall pay the premiums on all insurance policies and insurance certificates must include a clause stating that the insurance may not be revoked, cancelled, amended or allowed to lapse until the expiration of at least thirty (30) days advance written notice to City.

(v) **Additional Insured.** All insurance policies required by this Contract, except workers' compensation, shall name City as an additional insured, and shall contain a waiver of subrogation against City, its agents and employees. Contractor shall provide, upon request a copy of an endorsement providing this coverage.

(vi) **City's Right to Reject.** The City reserves the right to reject a certificate of insurance if Contractor's insurance company is widely regarded in the insurance industry as financially unstable. This would include but is not limited to insurance companies with no less than AVIII rating in the A.M. Best insurance rating guide.

(vii) **Subcontractors.** The insurance requirements set forth above apply to all subcontractors. It is Contractor's responsibility to ensure that its subcontractors meet these insurance requirements. City has the right to review the Certificates of any and all subcontractors used by the Contractor.

(viii) **Cancellation.** There shall be no cancellation, material change, potential exhaustion of aggregate limits or intent to not renew insurance coverage without thirty (30) days written notice from Contractor or their insurers to City. Any failure to comply with the reporting provision of this insurance, except for the potential exhaustion of aggregate limits, shall not affect the coverage provided to City and its division, officers and employees.

**E. Indemnification.** The Contractor shall release indemnify, and hold harmless the state, City, and their officers, agents, employees, successors and assignees from any cause of action, or claims or demands arising out of Contractor's failure to perform any of the Contractor's duties and obligations under or in connection with the negligent performance of Contractor's duties or obligations,

including but not limited to any claims, law suits, losses or liability arising out of Contractor's malpractice performance under this Contract.

**F. Audit/Access to Records.** The Contractor shall, immediately upon receiving written instruction from City, provide to any independent auditor, accountant, or accounting firm, all books documents, papers and records of the Contractor which are pertinent to this Contract. The Contractor shall cooperate fully with any such independent auditor, accountant, or accounting firm, during the entire course of any audit authorized by City. There will be no cost for audit expense for City request to the Contractor.

**G. Publicity.** Any publicity given to the program or services provided herein, including, but not limited to, notices, information, pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Contractor, shall identify City as the sponsoring City and shall not be released without prior written approval from City.

**H. Assignment, Transfer and Subcontracting.** Neither party shall assign or otherwise transfer any of the rights or delegate any of the duties set for in this Contract without the prior written approval of the other party. The Contractor shall not use this Contract, or any portion thereof, for collateral for any financial obligation, without the prior written permission of City. No such written approval shall relieve the Contractor of any obligations of this Contract and any transferee or subcontractor shall be considered the agent of the Contractor. The Contractor shall remain liable as between the original parties to the Contract as if no such assignment had occurred.

**I. Compliance With Laws.** The Contractor shall keep informed of and comply with all applicable federal, state and local laws and regulations in the performance of this Contract or any properly promulgated rules and regulations related thereto, and Section 504 of the Rehabilitation Act of 1973.

**J. Wyoming Product Preference.** Unless otherwise provided in the Contract, the Contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of work, whether temporary or permanent. The Contractor shall comply with all resident and other preference requirements, including but not limited to those applicable to labor, materials and subcontractors. The Contractor agrees to provide Wyoming made goods where those goods are comparable in price and quality to those required by this Contract.

**K. Termination of Contract.** This Contract may be terminated for cause if the Contractor or City fails to perform in accordance with the terms and conditions of this Contract following delivery of a written thirty (30) day notice stating the grounds for such default.

**L. Applicable Law/Venue.** The construction, interpretation and enforcement of this Contract shall be governed by the laws of the State of Wyoming. The courts of the State of Wyoming shall have jurisdiction over this Contract and the parties, and the venue shall be the Second Judicial District, Albany County, Wyoming.

**M. Nondiscrimination.** The Contractor shall comply with Presidential Executive Order 11246 entitled, "Equal Employment Opportunity", as amended by Presidential Executive Order 11375, and as supplemented in the Department of Labor Regulations (41 CFR Part 60), the Civil Rights Act of 1964, the Americans with Disabilities Act (ADA), 42 U.S.C. 12101, et seq., the Wyoming Fair Employment Practices Act (Wyo. Stat. § 27-9-105 et seq.), the Wyoming Human Rights Act, and the Age Discrimination Act of 1975.

All parties of this Contract agree that all hiring must be done on the basis of merit and qualifications. There may be no discrimination on the basis of race, color, religion, creed, political ideas, sex, age, marital status, physical or mental disability, or national origin by the person or persons performing the Contract including, but not limited to, the prevailing wage laws.

**N. Entirety of Contract.**

(i) The Contract shall consist of this document and its terms and conditions and the following documents: The Advertisement to Bid, Instructions to Bidders, Bid Form, Signature Sheets, Performance and Payment Bond, General Conditions, Supplementary Conditions, Specifications, Supplementary Specifications, Special Provisions, Notice to Proceed, duly issued Change Orders, Extra Work Orders and Field Orders, Addenda, and all modifications issued after execution of this Contract. The Contract documents are as fully a part of this Contract as if hereto attached or herein repeated. The Contract documents are complementary and what is required by one shall be as binding as if required by all. The Contractor warrants that it has carefully examined and understands all of the Contract documents listed above, prior to starting any work under this Contract. The Contractor has not identified any issues from the above documents or site conditions which would prevent accomplishing the entire work as outlined in the Project Manual which is marked Attachment A and attached hereto and incorporated herein. Modifications include but are not limited to the following: (1) change orders (2) extra work orders or (3) addenda entered into by the parties pursuant to the terms of the Contract.

(ii) The Contract does not include prior negotiations or any other documents not specifically enumerated in the contract documents delineated in subparagraph (A) above.

(iii) This Contract, consisting of eleven (11) pages, along with the documents explicitly enumerated in Paragraph 6 (N) above and Attachment A entitled Project Manual for WWMLSH – Main Lift Heating System Replacement dated December 2016, represent the entire and integrated Contract between the parties and supersede all prior negotiations, representations, and agreements, whether written or oral. The Contractor shall report to City any error, inconsistency or omission it may discover. City, after consulting with the Contractor, will make a determination on correction of such error. The Contractor may request a change order, under the change order provisions of this Contract, in conjunction with any required correction, if appropriate.

(iv) The terms and language set forth in this Contract have been negotiated by City and the Contractor and have not been drafted unilaterally by either party. By executing this Contract, the Contractor represents that it has carefully read, studied, compared and examined all contract documents, including the specifications, is satisfied with the sufficiency of the contract documents, and shall not, at any time, complain of defects or inaccuracies in such documents, specifications or drawings.

**P. Confidentiality of Information.** All documents, data compilations, reports, computer programs, photographs, and any other work provided to or produced by the Contractor in the performance of this Contract shall be kept confidential by the Contractor unless written permission is granted by City for its release.

**Q. Force Majeure.** Neither party shall be liable for failure to perform under this Contract if such failure to perform arises out of causes beyond the control and without the fault or negligence of the non-performing party. Such causes may include, but are not limited to, acts of God or the public enemy, fires, floods, epidemics, quarantine restrictions, freight embargoes, and usually severe weather. This provision shall become effective only if the party failing to perform immediately notifies the other party of the extent and nature of the problem, limits delay in performance to that required by the event, and takes all reasonable steps to minimize delays. This provision shall not be effective unless the failure to perform is beyond the control and without the fault or negligence of the non-performing party.

**R. Kickbacks.** The Contractor certifies and warrants that no gratuities, kickbacks or contingency fees were paid in connection with this contract, nor were any fees, commissions, gifts, or other considerations made contingent upon the award of this Contract. If the Contractor breaches or violates this warranty, City may, at its discretion, terminate this Contract without liability to City, or deduct from the contract price or consideration, or otherwise recover, the full amount of any commission, percentage, brokerage, or contingency fee.

**S. Notices.** All notices arising out of, or from, the provisions of this Contract shall be in writing and given to the parties at the address provided under this Contract, either by regular mail, facsimile, e-mail, or delivery in person.

**T. Liaison and Notice.** City Project Manager & Contractor Superintendent.

(i) City project manager is Chris Claymore, telephone number: (307) 721-5204 and facsimile: (307) 721-3077.

(ii) The Contractor's Project Superintendent is Dave Buchmeier, telephone number: (307) 778-4911 and facsimile: (307) 778-4981.

(iii) All notices and invoices required in this Contract shall be in writing, properly addressed to the liaison above, and mailed first-class, postage prepaid. All notices sent via U.S. Postal Services are deemed effective on the date of postmark. Notices and invoices mailed through another carrier (e.g., UPS or FedEx) are effective upon receipt.

**U. Sovereign Immunity.** The City does not waive sovereign immunity by entering into this Contract, and specifically retains immunity and all defenses available to them as sovereign pursuant to Wyo. Stat. § 1-39-104(a) and all other state law.

V. **Taxes.** The Contractor shall pay all taxes and other such amounts required by federal, state and local law, including but not limited to federal and social security taxes, workers' compensation, unemployment insurance and sales taxes.

W. **Third Party Beneficiary Rights.** The parties do not intend to create in any other individual or entity the status of third party beneficiary, and this Contract shall not be construed so as to create such status. The rights, duties, and obligations contained in this Contract shall operate only between the parties to this Contract, and shall inure solely to the benefit of the parties to this Contract. The provisions of this Contract are intended only to assist the parties in determining and performing their obligations under this Contract. The parties to this Contract intend and expressly agree that only parties signatory to this Contract shall have any legal or equitable right to seek to enforce this Contract, to seek any remedy arising out of a party's performance or failure to perform any term or condition of this Contract, or to bring an action for the breach of this Contract.

X. **Americans with Disabilities Act.** Contractor shall not discriminate against a qualified individual with a disability and shall comply with the Americans with Disabilities Act, P.L. 101-336, 42 U.S.C. 12101 *et seq.* and any properly promulgated rules and regulations related thereto.

Y. **Warranty.** Contractor warrants the following:

- (i) has the ability to perform the agreed services;
- (ii) shall provide suitable resources to perform work in accordance with agreed services;
- (iii) will endeavor to provide the services herein on a timely basis consistent with the difficulty and scope of services to be provided; and
- (iv) shall perform all work in a professional and workmanship like manner.

Z. **Patent or Copyright Protection.** Contractor recognizes that certain proprietary matters or techniques may be subject to patent, trademark, copyright, license or other similar restrictions, and warrants that no work performed by Contractor or its subcontractors will violate any such restriction.

AA. **Extension.** Nothing in this Contract shall be interpreted or deemed to create an expectation that this Contract will be extended beyond the term described herein. Any extension of this Contract shall be requested by the Contractor and following approval by City shall be effective only after it is reduced to writing and executed by all parties to the Contract. Any agreement to extend this Contract shall include, but not necessarily be limited to: an unambiguous identification of the Contract being extended; the term of the extension; the amount of any payment to be made during the extension, or a statement that no payment will be made during the extension; a statement that all terms and conditions of the original Contract shall, unless explicitly delineated in the exception, remain as they were in the original Contract; and, if the duties of either party will be different during the extension than they were under the original Contract, a detailed description of those duties.

**BB. Availability of Funds.** Each payment obligation of City is conditioned upon the availability of government funds which are appropriated or allocated for the payment of this obligation. If funds are not allocated and available for the continuance of the services performed by the Contractor, the contract may be terminated by City at the end of the period for which the funds are available. City shall notify the Contractor at the earliest possible time of the services which will or may be affected by a shortage of funds. No penalty shall accrue to City in the event this provision is exercised, and City shall not be obligated or liable for any future payments due or for any damages as a result of termination under this section. This provision shall not be constructed to permit City to terminate this Contract to acquire similar services from another party.

**CC. Award of Related Contracts.** City may undertake or award supplemental or successor contracts for work related to this Contract. The Contractor shall cooperate fully with other contractors and City in all such cases.

**DD. Time is of the Essence.** Time is of the essence in all provisions of the Contract.

**EE. Titles Not Controlling.** Titles of paragraphs and sections are for reference only, and shall not be used to control the language in the contract.

**FF. Severability.** Should any portion of this Contract be judicially determined to be illegal or unenforceable, the remainder of this Contract shall continue in full force and effect and either party may attempt to renegotiate the terms affected by the severance.

**INTENTIONALLY LEFT BLANK**

IN WITNESS WHEREOF, the Laramie City Council has caused this Agreement to be signed and executed in its behalf by its Mayor, and duly attested by its City Clerk, and Contractor has signed and executed this Agreement, the day and year first written above.

**CITY OF LARAMIE, WYOMING:**

By: \_\_\_\_\_  
Andi Summerville, Mayor and President of the  
City Council

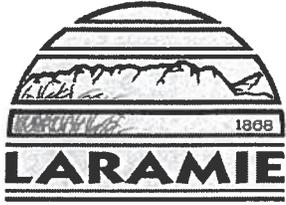
Attest: \_\_\_\_\_  
Angie Johnson  
City Clerk

**CONTRACTOR:**

**ADVANCED COMFORT SOLUTIONS, INC.**

By: \_\_\_\_\_

Title: \_\_\_\_\_



**CITY OF LARAMIE**  
Public Works Department  
P.O. Box C  
Laramie, WY 82073

Public Works 721-5230  
Engineering 721-5250  
Solid Waste 721-5279  
Street 721-5277  
Utility 721-5280  
FAX (307) 721-5286  
TDD (307) 721-5295

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January 5, 2017

To: Earl Smith

Fr: Chris R. Claymore

Re: Main Lift heating system replacement

Bids were received and opened on January 3, 2017 for the replacement of a new heating system to be installed in the Main Lift station. The bids were as follows:

Advanced Comfort Solutions Inc. Cheyenne, WY	\$51,777.00
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Laramie Mechanical Laramie, WY	\$56,500.00
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Advanced Comfort solutions has a substantial completion of April 25, 2017.

I am recommending the City accept the Advanced Comfort Solutions Inc. bid of \$51,777.00. This includes purchasing the heating system, installation of the unit, pouring of a new concrete pad, moving the gas line, running new conduit and wires, and reconfiguring the stainless-steel duct work.

This unit has a life expectancy of 8 to 10 years. I will reevaluate the unit at that time to determine if replacement is necessary.

The Wastewater Treatment Plant has \$100,000.00 budgeted for the installation of a new heating system.

Please contact me if you have any questions regarding this bid.

Sincerely,

Chris R. Claymore  
Wastewater Treatment Plant Supervisor

**CITY OF LARAMIE BID OPENING**

**Name of Bid Item:** WWMLSH- Main Lift Station Heating System Replacement

**Department:** Utility

**Date of Opening:** 01/03/2017

**Staff Present:** Angie Johnson, Nancy Bartholomew, William Winkler

.....  
**Name of Bidder:** Laramie Mechanical

**Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

**Bid Bond:** \_\_\_\_\_ or Cashier's Check \$ 3,000.00

**Total Bid Amount \$** 56,500.00

.....  
**Name of Bidder:** Advanced Comfort Solutions, Inc.

**Address:** 3941 West 5th Street

**City, State, Zip:** Cheyenne, WY 82007

**Bid Bond:** 5% or Cashier's Check \$ \_\_\_\_\_

**Total Bid Amount \$** 51,777.00

.....  
**Name of Bidder:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

**Bid Bond:** \_\_\_\_\_ or Cashier's Check \$ \_\_\_\_\_

**Total Bid Amount \$** \_\_\_\_\_

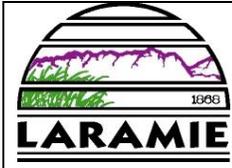
.....  
**Name of Bidder:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

**Bid Bond:** \_\_\_\_\_ or Cashier's Check \$ \_\_\_\_\_

**Total Bid Amount \$** \_\_\_\_\_



**Agenda Item:** Professional Services Agreement

**Title:** Award of Professional Services Agreement between the City of Laramie, Wyoming and Haynes Mechanical Systems for preventative maintenance and service on City owned Heating, Venting and Air Conditioning Equipment.

**Recommended Council MOTION:**

I move that Council approve the agreement for professional services between the City of Laramie, Wyoming and Haynes Mechanical Systems of Fort Collins, Colorado for preventive maintenance and service of City owned facilities, in the amount of \$110,790.00, over the two-year term of the agreement, and authorize the Mayor and City Clerk to sign.

**Administrative or Policy Goal:**

*Department Objective:* Provide quality parks and recreation opportunities for residents and visitors to the City; Develop infrastructure to enhance existing parks and recreation facilities and amenities for residents and visitors to the City.

*Division Objective:* Continue to integrate energy efficiency practices and procedures into all aspects of our operations, from capital construction to continuing maintenance and environmental/custodial services.

**Background:**

The City has approved a professional services agreement for HVAC preventive maintenance and service of City buildings since 2006. In 2006 through 2009, the City was operating with one-year term agreements for the Recreation Center facility only. In 2009, the staff included all City facilities within the request for qualifications and extended the term to two years. Since that time, the City has approved 4 agreements with 3 different firms; Mullen’s Heating 2009-2011, Johnson Controls 2011-2013 and 2013-2015, and Long Building Technologies 2015-2017.

With the current preventive maintenance and service agreement due to expire in January of 2017, the City staff released a Request for Qualifications for HVAC Preventive Maintenance and Service to 7 regional building maintenance contractors in October 2016, along with 2 legal publications in the local newspaper. After the submittal period 4 firms responded with qualification proposals as listed below:

<b>Contractor</b>	<b>Location</b>
Haynes Mechanical Systems	Fort Collins, Colorado
Long Building Technologies	Casper, Wyoming
Johnson Controls	Cheyenne, Wyoming
High Plains Mechanical Service	Fort Collins, Colorado

A committee of City staff members was formed to review the responsive qualifications. The responding qualifications were rated based on the following criteria: qualifications and relevant experience of the company, qualifications and relevant experience of the assigned technicians, methodology and deliverables, current and projected workload of the company, and references from other similar projects. Three of the four responding firms were rated equally. The committee decided that the top three scoring firms should be brought in for interviews. The purpose of the interviews was to allow the firms to make a presentation, and to clarify questions resulting from the evaluation process. After the interview process the selection committee re-evaluated the qualifications and an extensive reference and background check was performed on the firms. At the completion of the qualification reviews, the interviews, and the reference and background checks it was determined that Haynes Mechanical Systems of Fort Collins, Colorado best fit

the needs of the City of Laramie. Separate, sealed fee proposals, which also included hourly labor costs for both regular and after hours troubleshoot/repair services, discount rates for materials, supplies and parts, and travel cost or fuel surcharges for services rendered, were left unopened until the successful qualifying firm was selected. Haynes Mechanical Systems fee proposal for the preventive maintenance and service was \$55,395.00 per year or \$110,790.00 over the term of the agreement

This agreement has a term of two years, February 1, 2017 through January 31, 2019, with an option of up to two, one year renewals, by agreement of both parties, and includes annual, bi-annual and quarterly preventive maintenance of HVAC equipment located throughout the city, along with written reports on the condition of all the building HVAC equipment. The agreement also includes reduced hourly rates for all emergency repair service work on this equipment, along with an emergency response time requirement and a discount rate for materials, supplies and parts. The City currently has a professional services agreement for preventive maintenance and service with Long Building Technologies of Casper, WY in the amount of \$136,924.00 that runs through January 31, 2015. The new agreement will save the City \$26,134.00 over the two-year term.

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**Budget/Fiscal Information:**

**EXPENSE:**

Proposed Project Cost.

Project	Amount	Funds
Project Cost FY 17	\$23,081.25	This FY17 cost is charged by division/department on a quarterly basis
Project Cost FY 18	\$55,395.00	This FY18 cost is charged by division/department on a quarterly basis
Project Cost FY 19	\$32,313.75	This FY19 cost is charged by division/department on a quarterly basis
Other/Outside Projects		
City's Amount	\$110,790.00	
Contingency		
Total Amount	\$110,790.00	

Budgeted Expenditure (approved and adopted by Council)

Budget	Amount	Funds
Total Budget Allocation	\$136,924.00	Approved Budget 2016-17 and 2017-18
Less Amount Spent to Date	\$51,346.50	
Remainder of Budget	\$85,577.50	

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**Responsible Staff:**

Scott Stevenson, Facilities Maintenance Manager, Parks & Recreation Department, 721-3585

Todd Feezer, Director, Parks and Recreation, 721-5260

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**Attachments:**

1. Request for Qualifications – Facilities HVAC Equipment Preventive Maintenance and Service,
2. Agreement for Professional Services between the City of Laramie and Haynes Mechanical Systems with Attachments A & B

\_\_\_\_\_ City Manager      \_\_\_\_\_ City Attorney      \_\_\_\_\_

**City of Laramie**  
**Request for Qualifications for**  
**Facilities Equipment Preventative Maintenance and Service**

<b>1.0</b>	<b>Public Notice</b>	<b>2</b>
<b>2.0</b>	<b>Introduction</b>	<b>3</b>
<b>3.0</b>	<b>Project Information</b>	<b>3</b>
<b>4.0</b>	<b>Geographic Groups and Locations</b>	<b>3</b>
4.1	Main Campus	3
4.2	LaBonte Campus	3
4.3	Recreation Campus	4
4.4	Police Campus	4
4.5	West Campus	4
<b>5.0</b>	<b>Scope of Work</b>	<b>4</b>
<b>6.0</b>	<b>Deliverables</b>	<b>5</b>
<b>7.0</b>	<b>Fee Proposal</b>	<b>6</b>
<b>8.0</b>	<b>Evaluation Process and Selection Criteria</b>	<b>6</b>

## REQUEST FOR QUALIFICATIONS

The City of Laramie, Wyoming will accept qualification submittals for professional services to complete:

### **Facilities Equipment Preventive Maintenance and Service**

The contracting Company shall provide all personnel, equipment and supplies necessary for the completion of these professional services. Professional services shall include but are not limited to quarterly, bi-annual or annual preventive maintenance checks of all city facilities HVAC equipment along with established hourly rates for technician service, established rates for materials and supplies and emergency response service after hours and on weekends. Instructions to respondents, project scope and a general description of the project and available background information will be available to all interested respondents on the City of Laramie Parks and Recreation web site at <http://www.cityoflaramie.org/pandrprojects>. A pre-submittal meeting and facility tour shall be held at 10:00 a.m. on the 25<sup>th</sup> day of October, 2016, at 920 Boulder Drive, Laramie, Wyoming, 82070, at which attendance by submitting firms is strongly encouraged. Qualifications shall be submitted to the Office of the Facilities Maintenance Manager, 920Boulder Drive, Laramie, Wyoming 82070 no later than 4:00 p.m. on Friday November 4, 2016. The City reserves the right to reject any and all proposals.

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Janine Jordan, City Manager

Publication Dates:   October 18, 2016  
                              November 1, 2016

## **2.0 Introduction**

The City of Laramie is seeking professional services to provide facilities equipment preventative maintenance and service. The contracted company will provide all personnel, equipment, and supplies necessary for the completion of the facility equipment preventative maintenance and service. Professional services include, but are not limited to quarterly, bi-annual or annual preventative maintenance checks of the City of Laramie facilities HVAC equipment along with established hourly rates for technician service, established rates for materials and supplies and emergency response service after hours and on weekends.

## **3.0 Project Information**

The facilities equipment preventative maintenance and service is divided by geographical area as listed below. Also attached is a detailed list of each geographical group with specific manufacturers and models of HVAC equipment along with the frequency of preventative maintenance required. The preventative maintenance and retainer fee shall be submitted for payment on a quarterly basis by group and facility.

The City of Laramie selection committee will evaluate the qualifications submitted, possibly interview a short list of the highest rated proponents, and select a preferred company. After selection of the preferred company a specific agreement for professional services with a two year term shall be negotiated and presented to the City Council for final approval.

It is anticipated to have a new facilities equipment preventative maintenance and service agreement negotiated and approved by City Council by January 3, 2017.

## **4.0 Geographical groups**

### **4.1 Main Campus Group**

- City Hall  
406 Iverson Street
- City Hall Annex  
405 Grand Ave
- Fire Station No. 1  
209 S. 4<sup>th</sup> Street

### **4.2 LaBonte Campus Group**

- Street Maintenance Shop  
955 N 4<sup>th</sup> Street
- Parks Maintenance Shop  
1052 N. 5<sup>th</sup> Street
- Animal Shelter  
1054 N. 5<sup>th</sup> Street
- Mosquito/Paint Shop  
1268 N 4<sup>th</sup> Street
- Utilities/Solid Waste Shop  
1167 N 4<sup>th</sup> Street

- Greenhill Cemetery House and Shop  
455 N. 15<sup>th</sup> Street
- Waste Water Treatment Plant  
2778 Banner Road
- Fire Station #2  
1558 North 23<sup>rd</sup> Street

**4.3 Recreation Campus Group**

- Recreation Center  
920 Boulder Drive
- Ice and Event Center  
3510 E. Garfield Street

**4.4 Police Campus Group**

- Police Main Station  
620 Plaza Court
- Evidence Building  
620 Plaza Court

**4.5 West Campus Group**

- Trihydro West Wing  
1364 Commerce Drive
- Fire Station #3  
2374 Jefferson Street

**5.0 Scope of Work**

The Scope of Work for this proposal should include the ability of the contracting company to provide the following services on a quarterly, bi-annual, annual or on an emergency basis. The scope of work should include, but is not limited to the following elements:

1. Provide professional facilities equipment and preventative maintenance to multiple facilities, with multiple HVAC equipment, manufactures and models.
2. The ability to troubleshoot and repair all models of HVAC equipment including, but not limited to Trane, Carrier, Mitsubishi, McQuay, Renznor, Taco, Lennox, Dayton, Lochinvar, Honeywell, Amana, PennBarry, Johnson Controls, and Innovent.
3. The ability to respond to emergency calls for HVAC equipment repairs within a maximum of one hour for the Recreation Campus Group and the Police Station group, up to two hours for the City Hall Campus Group and the West Campus Group and three hours for the LaBonte Campus Group.
4. The ability to troubleshoot and repair complex HVAC computer temperature control systems with a laptop computer on the facility sites.
5. The ability to provide routine and regularly scheduled preventative maintenance on, but not limited to, all the above referenced manufacturers of HVAC equipment and control systems.

6. The ability to obtain on behalf of the city original manufacturers parts and supplies for all of the above referenced manufacturers of HVAC equipment and control systems.
7. Provide a written report on all troubleshooting, preventative maintenance and/or repairs to the facilities equipment to the Facilities Maintenance Manager within 12 hours of completing the work.
8. Provide a written report on all emergency repairs to the facilities equipment to the Facilities Maintenance Manager within 12 hours of completing the work.
9. Provide an annual status report on all facilities equipment for all anticipated necessary repairs projected within one year along with a professional opinion of probable useful economic life for all facilities equipment within 15 days of each annual preventive maintenance inspection.
10. Provide an annual assessment of all facilities equipment for modifications and or improvements in energy efficiency and utility usage projections within 15 days of each annual preventive maintenance inspection.

## **6.0 Deliverables**

At a minimum, the contracting company will provide three (3) hard copies each bound in a white, 1 ½", 3-ring loose leaf binder, with a maximum of twenty five (25) pages, 11 pt. type or larger, and one (1) electronic format copy, of the following:

- Letter of Interest
- A complete background history of the company/firm.
- Summary of related experience
- A minimum of three letters of references from current clients within the rocky mountain region.
- Identification of individual(s) who will perform the work, if selected, and their relevant experience.
- Proof of general liability insurance in the amount of \$1,000,000/\$2,000,000.
- Proof of Workers' Compensation and employers liability insurance in the amount of \$500,000.
- Proof of business automobile liability insurance in the amount of \$500,000.
- Detailed proposal which outlines:
  - Services to be performed, which should include the following elements:
  - The background qualifications and certifications of all the technicians who will be responsible for the facilities equipment preventative maintenance and repair contract.
  - The current and projected work load of the company/firm and of the technicians who will be responsible for the facilities equipment over the two year term of the contract.

## **7.0 Fee Proposal**

A fee proposal shall be provided within a separate sealed envelope, and shall include pricing for the following:

- The annual cost for each group and facility based upon the frequency of preventative maintenance, including the hourly labor cost for all regularly scheduled preventative maintenance.
- The hourly labor cost for each group and facility for emergency troubleshoot/repair response for week days (Monday at 7:00 a.m. through Friday at 5:00 p.m.) as detailed in the scope of work.
- The hourly labor cost for each group and facility for emergency troubleshoot/repair response for week day nights (Monday through Friday from 5:00 p.m. to 7:00 a.m. as detailed in the scope of work.
- The hourly labor cost for each group and facility for emergency troubleshoot/repair response for weekend days/nights (Saturday at 7:00 a.m. through Sunday at 5:00 p.m.) as detailed in the scope of work.
- The materials and supply markup percentage or discount rate for each group and facility.
- Any travel cost or fuel surcharges for either scheduled preventative maintenance or emergency services.
- Pager/Cell phone notification setup and implementation.

Do not include the fee proposal in the electronic format copy. Only the selected firm's fee proposal shall be opened, all other fee proposals will be returned unopened.

## **8.0 Evaluation process and selection criteria**

The following criteria and weights shall be utilized as a guideline to evaluate the Qualifications. Individual criteria have been assigned varying weights.

(a) Qualifications and Relevant Experience	
• Of assigned technicians	30%
• Of firm	20%
(b) Methodology and Deliverables	20%
(c) Projected Work load	10%
(d) References from Other Similar Projects	20%

A selection committee will be established and will evaluate Qualifications using the criteria outlined above and reference checks will not be undertaken until later in the evaluation process. At the sole discretion of the selection committee, a short list of the highest scored proponents may be developed. Proponents included on the short list may be invited to an interview with the selection committee. The interview may include a requirement for the Proponent to make a presentation to the selection committee. The intent of the presentations/interview will be to allow the selection committee an opportunity to clarify any questions resulting from the initial evaluation.

After the presentations, the City may reevaluate the short-listed Qualifications using the same criteria and completing reference checks. The final selection will be based on the City's sole

discretion and determination of the Qualifications that best meets the needs of the City of Laramie. Only when a final selection is made will the selected fee proposal be opened. All other fee proposals will be returned unopened.

If the City selects any of the Qualifications as best meeting the needs of the City in considering the requirements set out in this RFQ and the public interest, the City may enter into contract negotiations with the selected Proponent.

All Qualifications and materials will become the property of the City of Laramie. All costs incurred in the preparation of the Request for Qualification process shall be borne by the proposing firm.

The City of Laramie reserves the right to waive any irregularities and information in the Qualifications or fees, and to reject any and all Qualifications at any time, or to re-advertise for Qualifications at any time prior to City Council approval of a Professional Services Agreement.

**All responses shall be delivered no later than 4:00 p.m. on Friday, November 4, 2016, to:**

City of Laramie  
Scott Stevenson, Facilities Maintenance Manager  
P.O Box C  
Laramie, WY 82073  
Phone: 307-721-3585; Fax: 307-721-5284  
Email: sstevenson@ci.laramie.wy.us

**PROFESSIONAL SERVICES AGREEMENT  
BETWEEN THE  
CITY OF LARAMIE, WYOMING  
AND  
HAYNES MECHANICAL SYSTEMS**

1. **Parties.** This Contract is made and entered into this \_\_\_\_ day of January 2017, by and between City of Laramie, Wyoming, a Wyoming municipal corporation (hereinafter referred to as “City”), whose address 406 Ivinson Avenue, Laramie, Wyoming 82070, and Haynes Mechanical Systems (hereinafter referred to as “Contractor”), whose address is 5654 Greenwood Plaza Blvd., Greenwood Village, Colorado 80111.

2. **Purpose of Contract.** The purpose of this Contract is for Contractor to provide professional services to provide facilities equipment preventive maintenance and service for the City of Laramie facilities, more fully described in Attachment B, which is attached hereto and incorporated herein. Professional services include, but are not limited to, quarterly, bi-annual or annual preventive maintenance checks of the City of Laramie facilities HVAC equipment along with established hourly rates for technician service, established rates for materials and supplies and emergency response service after hours and on weekends. In consideration of the matters described above, and of the mutual benefits and obligations set forth in this Contract, the parties agree as follows:

3. **Term of Contract.** This contract is effective when all parties have executed it and all required approvals have been granted. No services shall be performed, under this contract, prior to the contract effective date. The term of the Contract is from February 1, 2017 through January 31, 2019. This contract may be renewed up to two (2) times for one (1) year periods by agreement of both parties in writing subject to the required approvals. During each of the optional two years an increase of up to 3.5% in the fees is allowable

4. **Payment.** City agrees to pay the Contractor for the services as more fully described in Attachment A, entitled Fee Proposal, which is attached hereto and incorporated herein. The total payment for the preventive maintenance and service under this Contract shall not exceed one hundred ten thousand seven hundred and ninety dollars (\$110,790.00) over the two (2) year term of the agreement.

A. Payments for the preventive maintenance and service shall be payable on a quarterly basis to Contractor upon receipt of the invoice for the services provided herein. The payment shall cover the cost for those services provided by Contractor as outlined in paragraph 5 herein.

B. Payments for repairs and service shall be paid on a monthly basis upon receipt of the invoice for the services provided. The payment shall cover the cost for

those services to be provided by Contractor as outlined in paragraph 5 herein. City shall pay any expenses incurred by Contractor for emergency response repairs and materials at the rates specified herein.

C. Emergency response repair rates are one hundred and one dollars (\$101.00) per hour during Monday through Friday between 7:30 a.m. and 4:30 p.m., one hundred and fifty one dollars and fifty cents (\$151.50) per hour during Monday through Friday 4:30 p.m. to 7:30 a.m. and at any time on Saturday, Sunday or Holidays.

D. Material and supply markup rates shall be list plus 15% markup.

**5. Responsibilities of Contractor.** Contractor shall perform the following professional services.

A. The Contractor will provide all personnel, equipment, and supplies necessary for the completion of the facility equipment preventive maintenance and service.

B. Contractor shall perform four (4) preventive maintenance service calls per year on City of Laramie owned HVAC facilities equipment, more fully described in attachment B which is attached hereto and incorporated herein. The specific dates and times for the preventive maintenance service calls shall be scheduled by the City with five (5) days notice to Contractor during regular work hours, Monday through Friday 7:30 a.m. to 4:30 p.m..

C. Contractor shall provide, electronically, written documentation of all preventive maintenance and/or emergency response repairs performed on the facilities equipment to the Facilities Maintenance Manager within twelve (12) hours of completing the work.

D. Contractor shall provide, electronically, an annual written status report on all facilities equipment for all anticipated necessary repairs projected within one (1) year along with a professional opinion of probable useful economic life for all facilities equipment.

E. Contractor agrees to provide emergency response service within a maximum of one (1) hour for the Recreation Campus Group facilities, one (1) hour for the Police Campus Group facilities, two (2) hours for the Main Campus Group facilities, two (2) hours for the West Campus Group facilities, and three (3) hours for the LaBonte Campus Group facilities.

F. Contractor shall provide an annual written assessment of all facilities equipment for modifications and/or improvements in energy efficiency and utility usage projections.

6. **Responsibilities of City.** City shall cooperate with Contractor in providing any maintenance records, operations and maintenance manuals, and access to the facilities HVAC equipment as necessary for Contractor to perform the work described within this contract.

7. **General Provisions.**

7.01. **Amendments.** Any changes, modifications, revisions or amendments to this Contract which are mutually agreed upon by the parties to this Contract must be in writing, executed and signed by all parties to this Contract.

7.02 **Americans with Disabilities Act.** Contractor shall not discriminate against a qualified individual with a disability and shall comply with the Americans with Disabilities Act, P.L. 101-336, 42 U.S.C. 12101, et seq., and/or any properly promulgated rules and regulations related thereto.

7.03 **Applicable Law/Venue.** The construction, interpretation and enforcement of this Contract shall be governed by the laws of the State of Wyoming. The Courts of the State of Wyoming shall have jurisdiction over this Contract and the parties, and the venue shall be the Second Judicial District, Albany County, Wyoming. Contractor agrees to appoint a registered agent in Wyoming for service of process, and will notify City in writing of the name and address of the registered agent within fifteen (15) days of effective date of this Contract.

7.04 **Assignment/Contract Not Used as Collateral.** Neither party shall assign or otherwise transfer any of the rights or delegate any of the duties set forth in this Contract without the prior written consent of the other party. The Contractor shall not use this Contract, or any portion thereof, for collateral for any financial obligation.

7.05 **Award of Related Contracts.** City may undertake or award supplemental or successor contracts for work related to this Contract. The Contractor shall cooperate fully with other Contractors and City in all such cases.

7.06. **Confidentiality.** All documents, data compilations, reports, computer programs, photographs, and any other work provided to or produced by the Contractor in the performance of this Contract shall be kept confidential by the Contractor unless written permission is granted by City for its release.

7.07 **Publicity.** Any publicity given to the program or services provided herein including, but not limited to, notices, information, pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Contractor, shall identify City and the sponsoring agencies and shall not be released without prior written approval from City.

**7.08. Compliance with Laws.** The Contractor shall keep informed of and comply with all applicable federal, state and local laws and regulations in the performance of this Contract.

**7.09. Entirety of Contract.** This Contract, consisting of ten (10) pages, including Attachment A, consisting of two (2) pages entitled Fee Proposal, and Attachment B consisting of five (5) pages entitled 2017 Maintenance Agreement Equipment List represents the entire and integrated Contract between the parties and supersedes all prior negotiations, representations, and agreements, whether written or oral.

**7.10. Ethics.** Contractor shall keep informed of and comply with the Wyoming Ethics and Disclosure Act (Wyo. Stat. §9-13-101, et seq.), and any and all ethical standards governing Contractor's profession.

**7.11. Force Majeure.** In no event shall either party be liable to the other for incidental, special or consequential damages. Neither party shall be liable for failure to perform under this Contract if such failure to perform arises out of causes beyond the control and without the fault or negligence of the nonperforming party. Such causes may include, but are not limited to, acts of God or the public enemy, fires, floods, epidemics, quarantine restrictions, freight embargoes, strikes, lockouts, work interruption or other labor disputes and unusually severe weather. This provision shall become effective only if the party failing to perform immediately notifies the other party of the extent and nature of the problem, limits delay in performance to that required by the event, and takes all reasonable steps to minimize delays. This provision shall not be effective unless the failure to perform is beyond the control and without the fault or negligence of the nonperforming party.

**7.12. Indemnification.**

**7.12 (a).** Contractor shall indemnify, defend and hold harmless City, their officers, agents, employees, successors and assignees from any and all claims, lawsuits, losses and liability arising out of Contractor's failure to perform any of Contractor's duties and obligations hereunder or in connection with the negligent performance of Contractor's duties or obligations, including but not limited to any claims, lawsuits, losses or liability arising out of Contractor's negligence and not to the extent caused by others.

**7.12 (b).** Without limitation as to other remedies, which City may have, Contractor will, without additional compensation, correct or revise any errors or deficiencies in its services.

**7.13. Independent Contractor.** The Contractor shall function as an independent contractor for the purposes of this Contract, and shall not be considered an employee of the City for any purpose. The Contractor shall assume sole responsibility

for any debts or liabilities that may be incurred by the Contractor in fulfilling the terms of this Contract, and shall be solely responsible for the payment of all federal, state and local taxes which may accrue because of this Contract. Nothing in this Contract shall be interpreted as authorizing the Contractor to incur any obligation of any kind on the behalf of the City or its staff. The Contractor agrees that no health/hospitalization benefits, workers' compensation and/or similar benefits available to City employees will inure to the benefit of the Contractor or the Contractor's agents and/or employees as a result of this Contract.

**7.14. Kickbacks.** Contractor certifies and warrants that no gratuities, kickbacks or contingency fees were paid in connection with this Contract, nor were any fees, commissions, gifts, or other considerations made contingent upon the award of this Contract. Contractor shall provide the City with a certification under oath that he has not in any way been involved in any gratuities, kickbacks or contingent fees in connection with his selection or ultimate performance under this contract. If the Contractor breaches or violates this warranty, City may, at its discretion, terminate this Contract without liability to the City, or deduct from the Contract price or consideration, or otherwise recover, the full amount of any commission, percentage, brokerage, or contingency fee.

**7.15. Ownership of Documents/Work Product.** All documents, reports, records, field notes, materials, and data of any kind resulting from performance of this Contract are at all times the property of City.

**7.16. Notice and Approval of Proposed Sale or Transfer of Contractor.** Contractor shall provide City with the earliest possible advance notice of any proposed sale or transfer or any proposed merger or consolidation of the assets of Contractor. Such notice shall be provided in accordance with the notice provision of this Contract. If City determines that the proposed merger, consolidation, sale or transfer of assets is not consistent with the continued satisfactory performance of Contractor's obligations under this Contract, then City may, at its option, terminate or renegotiate the Contract.

**7.17. Liaison and Notice** City and Contractor's designated representatives are as follows:

**7.17 (a).** City's designated representative is Scott Stevenson, Facilities Maintenance Manager, telephone number: (307) 721-3585, cellular telephone (307) 760-6627, facsimile: (307) 721-5284 and e-mail: sstevenson@cityoflaramie.org.

**7.17(b).** Contractor's project representative is Mike Weiss, Maintenance Sales Representative, telephone number (970) 493-9097, extension 213, cellular telephone (970) 556-7308 and e-mail: mweiss@haynesmechanical.com.

**7.17(c).** All notices and invoices required in this Contract shall be in writing, properly addressed to the liaison above, and mailed first-class, postage prepaid. All notices sent via U.S. Postal Services are deemed effective on the date of the postmark. Notices and invoices mailed through another carrier (e.g., UPS or FedEx) are effective upon receipt.

**7.18. Sovereign Immunity.** The City does not waive sovereign immunity by entering into this Contract and specifically retain immunity and all defenses available to them as sovereigns pursuant to Wyo. Stat. § 1-39-104(a) and all other state law.

**7.19. Taxes.** The Contractor shall pay all taxes and other such amounts required by federal, state and local law, including but not limited to federal and social security taxes, workers' compensation, unemployment insurance and sales taxes.

**7.20. Termination of Contract.** This Contract may be terminated, for reasons of "non-performance" by either party in accordance with the terms of this contract upon thirty (30) days written notice. This Contract may be terminated immediately for cause if the Contractor fails to perform in accordance with the terms of this Contract. Contractor may, in its sole discretion, temporarily suspend upon written notice this agreement due to the City's breach of contract. In the event of circumstances presenting a safety hazard to the public or consultant's technicians (including, but not limited to, City's act of creating or allowing unsafe practices or conditions or failure to authorize necessary repairs or upgrades), contractor may immediately terminate this agreement in its entirety upon written notice. Contractor shall be paid for all services provided and expenses incurred within thirty (30) days of termination.

**7.21. Insurance.** The Contractor shall maintain the following insurance:

**7.21 (a). Commercial General Liability Insurance.** The Contractor shall maintain coverage, during the entire term of the contract, against claims arising out of bodily injury, death, damage to or destruction of the property of others, including loss of use thereof, and including underground, collapse and explosion (XCU) and products and completed operations, and in an amount not less than Five Hundred Thousand Dollars (\$500,000.00) per occurrence and One Million Dollars (\$1,000,000.00) general aggregate.

**7.21 (b). Workers Compensation or Employers Liability Insurance.** Contractor shall provide proof of workers compensation coverage, for all its employees who are to work on the projects described in this Contract. Contractor's coverage shall be under the Wyoming Workers Safety and Compensation program, if statutorily required or such other workers compensation insurance as appropriate. Contractor's insurance shall include A Stop Gap coverage in an amount not less than Five Hundred Thousand Dollars (\$500,000.00) per employee for each accident and disease. Contractor shall also supply proof of workers' compensation and employer's liability

insurance on each and every sub contractor before allowing that sub contractor on the job site.

**7.21 (c). Business Automobile Liability.** Contractor shall maintain, during the entire term of the contract, automobile liability insurance in an amount not less than five hundred thousand dollars (\$500,000.00) per occurrence.

**7.21 (d). Coverage.** All policies required under this Contract shall be in effect for the duration of this Contract and projects. All policies shall be primary and not contributory. Contractor shall pay the premiums on all insurance policies and insurance certificates must include a clause stating that the insurance may not be revoked, cancelled, amended or allowed to lapse until the expiration of at least thirty (30) days advance written notice to City.

**7.21 (e). City's Right to Reject.** The City reserves the right to reject a certificate of insurance if Contractor's insurance company is widely regarded in the insurance industry as financially unstable. This would include but is not limited to insurance companies with no less than AVIII rating in the A.M. Best insurance rating guide.

**7.21 (f). Sub contractors.** The insurance requirements set forth above apply to all Sub contractors. It is Contractor's responsibility to ensure that its Sub contractors meet these insurance requirements. City has the right to review the Certificates of any and all Sub contractors used by the Contractor.

**7.21 (g). Cancellation.** There shall be no cancellation, material change, potential exhaustion of aggregate limits or intent to not renew insurance coverage without thirty (30) days written notice from Contractor or their insurers to City. Any failure to comply with the reporting provision of this insurance, except for the potential exhaustion of aggregate limits, shall not affect the coverage provided to City and its division, officers and employees.

**7.22. Third Party Beneficiary Rights.** The parties do not intend to create in any other individual or entity the status of third party beneficiary, and this Contract shall not be construed so as to create such status. The rights, duties and obligations contained in this Contract shall operate only between the parties to this Contract, and shall inure solely to the benefit of the parties to this Contract. The provisions of the Contract are intended only to assist the parties in determining and performing their obligations under this Contract. The parties to this Contract intend and expressly agree that only parties signatory to this Contract shall have any legal or equitable right to seek to enforce this Contract, to seek any remedy arising out of a party's performance or failure to perform any term or condition of this Contract, or to bring an action for the breach of this Contract.

**7.23 Warranty.** Contractor warrants the following:

AGREEMENT BETWEEN  
CITY OF LARAMIE, WYOMING  
AND  
HAYNES MECHANICAL SYSTEMS  
FOR  
FACILITIES EQUIPMENT PREVENTIVE MAINTENANCE AND SERVICE  
Page 7 of 10

7.23 (a). has the ability to perform the agreed services;

7.23(b). shall provide suitable resources to perform work in accordance with agreed services;

7.23 (c) will endeavor to provide the services herein on a timely basis consistent with the difficulty and scope of services to be provided; and

7.23 (d). shall perform services in a manner consistent with the degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

7.24. **Time is of the Essence.** Time is of the essence in all provisions of the Contract.

7.25. **Titles Not Controlling.** Titles of paragraphs are for reference only, and shall not be used to construe the language in this Contract.

7.26. **Waiver.** The waiver of any breach of any term or condition in this Contract shall not be deemed a waiver of any prior or subsequent breach.

7.27. **Availability of Funds** City's obligation to pay the Contractor for services rendered pursuant to this Contract is conditioned upon the availability of City's funds which are allocated to pay Contractor. If funds are not allocated and available to pay Contractor for these services, City may terminate this Contract at the end of the period for which the funds are available.

7.28. **Limitation of Payments.** City shall notify Contractor at the earliest possible time if this Contract will or may be affected by a shortage of funds. No liability shall accrue to City in the event this provision is exercised, and the City shall not be obligated or liable for any future payments due or for any damages as a result of termination under this section. This provision shall not be construed so as to permit City to terminate this contract in order to acquire similar services from another party. The Contractor shall be paid for all services provided and expenses incurred prior to receipt of any such notification that City was terminating the Contract because of a shortage of funds.

7.29. **Attorney's Fees.** In the event it becomes necessary for either party to file a suit or to enforce this Contract or any provisions contained herein, the prevailing party shall be entitled to recover, in addition to all other remedies or damages, reasonable attorneys' fees and costs of court incurred in such suit.

**8. City Policies.** The Contractor acknowledges familiarity with the City Policies as applicable to this contract and listed below:

**8 (a.)** The City of Laramie seeks to integrate energy efficiency practices into all aspects of day-to-day operations, from capital construction to staff behaviors, to ensure economic and environmental sustainability. The City encourages bidder submissions that 1) enhance to efficiency of City projects and ongoing operations, and/or 2) consider all energy types, including traditional and renewable sources.

**8 (b.)** Preference is hereby given to materials, supplies, equipment, machinery and provisions produced, manufactured, supplied or grown in Wyoming, quality being equal to articles offered by competitors outside the State, as provided in W. S. §§ 16-6-101 through 16-6-119.

**INTENTIONALLY LEFT BLANK**

**IN WITNESS WHEREOF**, the Laramie City Council has caused this Agreement to be signed and executed in its behalf by its Mayor, and duly attested by its City Clerk, and Contractor has signed and executed this Agreement, the day and year first written above.

**CITY OF LARAMIE, WYOMING:**

By: \_\_\_\_\_

Andi Summerville, Mayor

Attest: \_\_\_\_\_

Angie Johnson  
City Clerk

**HAYNES MECHANICAL SYSTEMS**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Attest: \_\_\_\_\_

Witness

# ATTACHMENT A

## Fee Proposal

Over the next few pages, we will present a different features available only to the City of Laramie should Haynes Mechanical be awarded this agreement.

Site	Cost
Main Campus	\$12,968.61
Labonte Campus	\$5,645.22
Rec Campus	\$20,759.01
Police Campus	\$11,398.21
West Campus	\$4,623.95
<b>TOTAL:</b>	<b>\$55,395.00</b>

<b>Main Campus:</b>	<b>\$12,968.61</b>
City Hall	\$5,187.44
City Hall Annex	\$5,187.44
Fire Station #1	\$2,593.72

<b>Labonte Campus:</b>	<b>\$5,645.22</b>
Street Shop	\$564.52
Water/Solid Waste Shop	\$846.78
Animal Shelter	\$1,693.57
Parks Shop	\$225.81
Mosquito/Paint Shop	\$84.68
Cemetery	\$395.17
Waste Water Treatment Shop	\$1,693.57
Fire Station #2	\$141.13

<b>Rec Campus:</b>	<b>\$20,759.01</b>
Recreation Center	\$11,417.46
Ice Arena	\$5,189.75
Basic Beginnings South	\$4,151.80

<b>Police Campus:</b>	<b>\$11,398.21</b>
Police Station	\$9,118.57
Evidence Building	\$1,709.73
Apparatus Bay	\$569.91

<b>West Campus:</b>	<b>\$4,623.95</b>
Trihydro West Wing	\$2,774.37
Laramie Fire Station #3	\$1,849.58

*Laramie*  
WYOMING

 **HAYNES**  
Mechanical Technology and Energy Solutions

## Fee Proposal (Cont'd)

\*Hourly Mechanical Labor Rate (for both the scheduled preventive maintenance and weekday service calls between 7:30am-4:30pm: \$101 per hour

\*Overtime Mechanical Labor Rate from 4:31pm-7:29am: \$151.50 per hour

\*Hourly Labor Rate for BAS Controls Service Calls: \$142.00 per hour

\*Overtime BAS Controls Labor Rate: \$213.00 per hour

\*Environmental Truck Charge: \$40 per invoice generated

\*Administrative Fee: \$5.50 per invoice generated

\*Annual maintenance agreement price: \$55,395 annually

\*Two Hour minimum charge for all service calls

\*Haynes Mechanical will subcontract with Wyoming Service & Controls in relationship to service calls when agreed upon by all three parties.

\*Materials (i.e. filters, belts, basic maintainable parts) will be billed at list plus 15% markup. Equipment related to actual project quotes will not be subject to this same markup structure.

\*Haynes Mechanical guarantees this Rate Structure for both Year One of this agreement and Year Two with no escalation fee.

\*Both parties will have the right to a 30-day cancellation clause.

\*At the initial inspection, Haynes Mechanical agrees to provide the City of Laramie with up to 12 hours of Building Automation Systems time to ensure technician familiarity and cross-training with JCI Building Automation controls equipment. This is at no additional cost to the customer. Value of \$1800 minimum.

\*Haynes Mechanical to schedule one customer Haynes University training seminar at no cost either in Denver at our technical facility (overnight stay included), or onsite with a course tailored to your specific equipment. This is at no additional cost to the customer. Value of \$1700 minimum.

\*Haynes Mechanical is open to discussing a multi-year agreement option at the end of 2017 (within 30 days of renewal), should that be of value to both parties at that point in time.

*Laramie*  
WYOMING

 **HAYNES**  
Mechanical Technology and Energy Solutions

ATTACHMENT B

2017 HVAC Maintenance Agreement Equipment List

<b>City of Laramie Equipment for Maintenance Contract</b>			
<b>Main Campus Group</b>			
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Frequency of P.M</b>
<b>City Hall</b>			
5-Fan Coil Units	Enviro-tec	HLP-40	Anually
3-Fan Coil Units	Enviro-tec	HLP-50	Anually
10-Fan Coil Units	Enviro-tec	HLP-60	Anually
Pump	Taco	121C3E1	Anually
Pump	Taco	1919C1E1	Anually
Pump	Taco	1641C3E1	Anually
3-Cabinet Heaters	Enviro-tec	VF-S	Anually
3-Fans	Cook	100 ACE-B	Bi-Anually
1-Fan	Cook	135 ACE-B	Bi-Anually
1-Fan	Cook	210 CPS-A	Bi-Anually
Condensing Unit	Mitsubishi	PU12 FK	Bi-Anually
Condensing Unit	Mitsubishi	PU12 FK	Bi-Anually
Condensing Unit	Mitsubishi	PU18 FK	Bi-Anually
2-A/C Units	Mitsubishi	PK12 FK	Bi-Anually
A/C Unit	Mitsubishi	PK18 FK	Bi-Anually
Make up Air Unit	Reznor	RPB400-8-S-MV-H	Bi-Anually
Make up Air Unit	Reznor	RPB400-8-S-MV-H	Bi-Anually
A/C unit	Mitsubishi	MS-A12WA	Bi-Anually
Condensing Unit	Mitsubishi	MU-A12WA-1	Bi-Anually
<b>City Hall Annex</b>			
Chiller	Trane	RAUCC80EPG132BDF3	Bi-Anually
Boiler	Harsco	C-2500	Bi-Anually
Boiler	Harsco	N-2500-MFD	Bi-Anually
Air Handling Unit	Trane	Climate Changer 35	Quarterly
Return Air Fan	Acme	2133 A/9H	Quarterly
12 Heat Coil Units	Trane	Type W	Anually
2-Pumps	Taco	FE1507E2C1E2L0A	Anually
3-Pumps	Taco	1635C3N2	Anually
Pump	Taco	1641C3N4	Anually
Pump	Taco	1635C3E1L	Anually
<b>Fire Station #1</b>			
Vent fan	Cook	80 ACE 80C2B	Anually
RTU 1	Trane	YSC048A3rIA20D10100000600A	Quarterly
RTU 2	Trane	YSC048A3rIA20D10100000600A	Quarterly
4 Unit Heaters	McQuay	FUHH1108AA00	Anually
2 Unit Heaters	McQuay	FUHH1024AA00	Anually
Unit Heater	McQuay	FUHH1047AA00	Anually

**Maintenance Schedule**

Anually- September      Bi-Anually- September, March  
 Quarterly- March, June, September, December

Updated 7/11/2016

ATTACHMENT B

2017 HVAC Maintenance Agreement Equipment List

<b>City of Laramie Equipment for Maintenance Contract</b>			
<b>Labonte Campus Group</b>			
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Frequency of P.M</b>
<b>Street Shop</b>			
2-Unit Heaters	Lennox	LF-24-125-A-6	Anually
Unit Heater	Lennox	LF-36-220-1	Anually
Unit Heater	Lennox	Hotshot	Anually
Unit Heater	Modine	PAE125AC0111	Anually
Unit Heater	Modine	PD125AA0111	Anually
Unit Heater	Day and Night	342 A 200	Anually
<b>Water/Solid Waste Shop</b>			
Boiler	Burnham	206NI-TEID	Bi-Anually
Water Heater	Rheem	21V75	Anually
4-Unit Heaters	Modine	PAE225AC	Anually
2 Unit Heaters	Reznor	Unknown	Anually
2 Unit Heaters	Unknown	Unknown	Anually
<b>Animal Shelter</b>			
Unit Heater	Modine	PSH130AF	Anually
Condenser	Lennox	XC21-048-230-02	Bi-Anually
Evaporater	Lennox	CX34-44/48C-6F-1	Bi-Anually
Furnace	Lennox	G61MP-48C-090-07	Bi-Anually
Furnace	Reznor	SCF400-6-MV	Bi-Anually
Exhaust Fan	Greenheck	GB-071-4	Anually
Exhaust Fan	Greenheck	GB-031-4	Anually
2 Exhaust Fans	Unknown	Unknown	Anually
<b>Parks Shop</b>			
Water Heater	Bradford White	MI75S6BN12	Anually
3-Infra-red Heater	Dayton	7D841A	Anually
<b>Mosquito/Paint Shop</b>			
2-Infra-red heaters	Gordon Ray	BH-150	Anually
<b>Cemetery</b>			
Boiler	Burnham	SIN8LNIP-LED	Bi-Anually
Water Heater	Rinnai	REU-VC2528FFU-US	Anually
2-Unit Heaters	Modine	PTC85AS0111	Anually
<b>Waste Water Treatment Shop</b>			
Furnace	Amana	GUCA070AX30	Bi-Anually
Furnace	Lennox	G23Q5/6-150-2	Bi-Anually
Condensing Unit	Amana	RCB48B2D	Bi-Anually
Condensing Unit	Amana	RCB242D	Bi-Anually
Exhaust Fan	Greenheck	GBW-14-4	Anually
Exhaust Fan	Greenheck	G-65-DGEX-QD	Anually
<b>Fire Station #2</b>			
Boiler	Burnham	ALP285F-2T07	Bi-Anually

**Maintenance Schedule**

Anually- September      Bi-Anually- March, September

Updated 7/11/2016

ATTACHMENT B

2017 HVAC Maintenance Agreement Equipment List

<b>City of Laramie Equipment for Maintenance Contract</b>			
<b>Recreation Campus Group</b>			
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Frequency of P.M</b>
<b>Recreation Center</b>			
RTU 1	Carrier	48TJF024	Quarterly
RTU 2	Carrier	48TJF024	Quarterly
RTU 3	Carrier	48TJF016G	Quarterly
RTU 4	Carrier	48TFE014	Quarterly
RTU 5	Carrier	48TJF016G	Quarterly
RTU 6	Carrier	48TJF016G	Quarterly
RTU 7	Innovent	E-NDHU-1H-23400-1D	Quarterly
RTU 8	Innovent	E-NDHU-1H-29100-1D	Quarterly
RTU 9	Carrier	48A3T020	Quarterly
Leisure pool boiler	Lochinvar	CPN-1801	Bi-annually
8-lane pool boiler	Lochinvar	CPN-1801	Bi-annually
Outdoorpool boiler	Lochinvar	CPN-1801	Annually
Spa boiler	Lochinvar	ERN-401	Bi-annually
Domestic boiler	Laars	PNCV1500NAACL1BJN	Bi-annually
EF-1 exh. Fan	TCF DSI	080AE	Annually
EF-4 exh. fan	Grenheck	GB-180	Annually
EF-6 exh. fan	Grenheck	GB-101	Annually
EF-13 exh. fan	Grenheck	GB-180	Annually
3-VAV Controls	Johnson Controls	FX-PCV1620-0	Annually
FCU 1	Magic Aire	HBB-12AAAAA12	Annually
A/C unit	Mitsubishi	MS-A12WA	Bi-annually
Condensing Unit	Mitsubishi	MU-A12WA-1	Bi-annually
<b>Ice Arena</b>			
Chiller	Trane	RTAA30004XR02A	Quarterly
Brine Pump	Scot	Unknown	Bi-annually
Furnace	Carrier	58STA110-1-60	Bi-annually
Furnace	Carrier	58STA110-1-60	Bi-annually
Furnace	Reznor	SCE250-6-S2	Bi-annually
Water Heater	AO Smith	BTH 300 200	Bi-annually
5-infra-red heaters	Roberts Gordon	CTH2-80	Annually
<b>Basic Beginnings South</b>			
F-1	Lennox	G71MPP-60D-135CR33-60D-F	Bi-annually
F-2	Lennox	G71MPP-60D-135CR33-60D-F	Bi-annually
F-3	Lennox	G71MPP-60D-135CR33-60D-F	Bi-annually
F-4	Lennox	G71MPP-60D-135CR33-60D-F	Bi-annually
F-5	Lennox	G71MPP-60D-135CR33-60D-F	Bi-annually
F-6	Lennox	G71MPP-60D-135CR33-60D-F	Bi-annually
CU-4	Lennox	13ACX-060-230-LVR	Bi-annually
EF-1	Cook	90SQN12D	Annually
ERV-1	Renewairst	HE4XRT	Annually

**Maintenance Schedule**

Annually- June                      Bi-Annually-August, March  
 Quarterly- March , June , August , December  
 Chiller must be serviced on August 30 and March 23

Updated 7/11/2016

ATTACHMENT B

2017 HVAC Maintenance Agreement Equipment List

<b>City of Laramie Equipment for Maintenance Contract</b>			
<b>Police Campus Group</b>			
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Frequency of P.M</b>
<b>Police Station</b>			
2 Boilers	Burnham	APX399F-2LO7	Bi-annually
Pump	Honeywell	241D6F0C0D	Annually
Pump	Bell Gossett	90	Annually
Heat Recovery Unit	Greenheck	ERV-581H-30-D	Bi-annually
2-Air handlers	Trane	Type M-14 SC	Quarterly
Chiller	Trane	241D6F0C0D000000T0000	Bi-annually
V A V boxes	Trane	Unknown	Quarterly
Air Handler	Lennox	Unknown	Quarterly
Condensing Unit	Climate Air	Unknown	Quarterly
EF-10 exh. Fan	Unknown	Unknown	Quarterly
Air Compressor	Honeywell	CGAFC25EA1000DEOH	Quarterly
Ref. air dryer	Unknown	Unknown	Quarterly
Pres. Red. Station	Johnson controls	Unknown	Annual filter replacement
Control panels	Johnson controls	Unknown	Quarterly
<b>Evidence Building</b>			
EF-1 exh. Fan	Cook	ACW-B 100W2B	Quarterly
EF-5 exh. Fan	Cook	90W15DH	Quarterly
MAU-01	Greenkech	DGX-108-H12	Quarterly
EUH-1-3	Reznor	EGBE	Annually
F-1 furnace	Lennox	SLP98UH110V60C	Bi-annually
F-2 furnace	Lennox	SLP98UH070XV36B	Bi-annually
CU-1	Lennox	XC21-036	Bi-annually
CU-2	Lennox	XC21-024	Bi-annually
<b>Apparatus Bay</b>			
3 Radiant Heaters	Superior	TH30S	Annually

**Maintenance Schedule**

Annually- September      Bi-Annually- September, March  
 Quarterly- March, June, September, December

Updated 7/11/2016

ATTACHMENT B

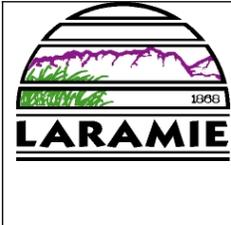
2017 HVAC Maintenance Agreement Equipment List

<b>City of Laramie Equipment for Maintenance Contract</b>			
<b>West Campus Group</b>			
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Frequency of P.M.</b>
<b>Trihydro West Wing</b>			
RTU 1	Trane	YHC033A3RHA1RD0B1A0A	Bi-annually
RTU 2	Trane	YSC043A3RHA1RD0B1A0A	Bi-annually
RTU 3	Trane	YHC043A3RHA1RD0B1A0A	Bi-annually
RTU 4	Trane	YSC060E3RHA0SD0B1A0A	Bi-annually
RTU 5	Trane	YSC092A3RHA31D1B1A0A	Bi-annually
RTU 6	Trane	THC043A3R0A1BD0B1A0A	Bi-annually
RTU 7	Trane	THC043A3R0A1BD0B1A0A	Bi-annually
EF 1	Penn	FX16R	Quarterly
EF 2	Penn Barry	Z101S	Quarterly
EF 3	Penn Barry	Z8H	Quarterly
EF 4/SF 1	Penn Barry	1SX115Q2C	Quarterly
<b>Laramie Fire Station # 3</b>			
Furnace	Trane	TDX1B080A9421A	Bi-annually
Furnace	Trane	TDX1B040A9H21B	Bi-annually
Furnace	Trane	TDX1B040A9H21B	Bi-annually
Furnace	Trane	TDX1B080A9421B	Bi-annually
Furnace	Trane	TDX1B040A9H21B	Bi-annually
Furnace	Trane	TDX1B040A9H21A	Bi-annually
Condensing Unit	Trane	4TTB3042A1000-T	Bi-annually
Condensing Unit	Trane	4TTB3018A1000-T	Bi-annually
Condensing Unit	Trane	4TTB3024A1000-T	Bi-annually
Condensing Unit	Trane	4TTB3024A1000-4	Bi-annually
Condensing Unit	Trane	4TTB3018A1000-4	Bi-annually
AC Unit	Sanyo	KS1271	Bi-annually
Condensing Unit	Sanyo	C1271	Bi-annually
EF-1 exh. Fan	PennBarry	ESI365C1A9	Annually
EF-2 exh. Fan	PennBarry	SX100BC	Annually
EF-3 exh. Fan	PennBarry	SX100BC	Annually
EF-4 exh. Fan	PennBarry	Z5HTDA	Annually
EF-5 exh. Fan	PennBarry	DX08B	Annually
EF-6 exh. Fan	PennBarry	Z8STDA	Annually
EF-7 exh. Fan	PennBarry	Z5HTDA	Annually
EF-8 exh. Fan	PennBarry	Z5HTDA	Annually
EF-9 exh. Fan	PennBarry	Z8STDA	Annually
EF-10 exh. Fan	PennBarry	FX08B	Annually
RF-1 exh. Fan	PennBarry	LC12BC	Annually
RH-1 Relief vent	PennBarry	AEGR1218G	Annually
8-infra-red heaters	Solaronics	ST-130-30-35MCN	Annually
15-VVT controls	Trane	VADA	Annually

**Maintenance Schedule**

Annually- September      Bi-Annually- March, September  
 Quarterly- March, June, September, December

Updated 7/11/2016



**Agenda Item: Bid Award**

**Title**

**Consideration of authorization to award a bid to Front Range Fire Apparatus for the acquisition of Self Contained Breathing Apparatus (SCBA) in the amount of \$142,370.00; and authorize the City Manager to sign.**

**Recommended Council MOTION:**

“I move to authorize the City of Laramie to award a bid to Front Range Fire Apparatus in the amount of \$142,370.00 for the purpose of purchasing twenty (20) SCBA Packs, Cylinders, Face Pieces, Hoses; three (3) battery chargers; and six (6) additional batteries; and authorize the City Manager to sign”

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**Administrative or Policy Goal:**

Upgrading / replacing critical safety equipment for first responders in the Laramie Fire Department.

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**Background:**

The Laramie Fire Department applied for and received (council approved) a grant from FEMA - Assistance to Firefighters Grant (AFG) program in the amount of \$150,000.00 total project cost (90% FEMA, 10% COL matching funds) for the purpose of replacing 20 SCBA's which have reached the end of their useful life. Based on the successful grant award - a subcommittee from within the LFD was formed to evaluate NFPA certified SCBA's that are available to the fire service. Three (3) vendors took advantage of the opportunity that was provided to demonstrate their product. The committee evaluated the air packs and provided a recommendation to the LFD Command Staff.

The project was let out to bid in December using SCBA specifications that the LFD air pack committee agreed to. Interested vendors were provided the COL bid packets with instructions for submitting the required documentation. 2 bids were accepted and publically opened at the advertised bid opening time. A third bid was received a day late and sent back to the vendor without consideration.

Vendors supplying qualified bids for consideration are:

1. Front Range Fire Apparatus: \$142,370.00
2. L.N. Curtis & Sons: \$97,998.60

The Fire Department is recommending awarding the bid to Front Range Fire Apparatus. This recommendation is based on:

- a. Second stage regulator configuration
- b. Mask configuration
- c. Adjustability of pack
- d. Fit testing options
- e. Maintenance and service location
- f. Number of exceptions listed to the specifications
- g. Air pack committee scores and recommendations

The Laramie Fire Department will also contact FEMA for direction on \$7630.00 of projected unexpended funds.

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**Legal/Statutory Authority:**

FEMA - Assistance to Firefighter Grant Program

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**BUDGET/FISCAL INFORMATION:****REVENUE**

Source	Amount	Type
Fees/Charges for Service		
Grants for Projects	\$150,000.00	AFG - total project award
Loans on Project		
Other		
Total	\$150,000.00	

**EXPENSE**

## Proposed Project Cost.

Project Budget	Amount	Funds
Project Cost	\$142,370.00	
Loans on Project		
Grants for Project	\$128,133.00	90% FEMA - AFG
Other/Outside Projects		
City's Amount	\$14,237.00	10% COL budget (as amended 9/6/16)
Contingency	0%	\$0.00
Total Amount	\$142,370.00	

**Responsible Staff:     Dan Johnson, Fire Chief**  
**Jeff Wood, Shift Commander - Operations**

Attachments: Front Range Fire Bid  
                  L.N. Curtis & Sons Bid



# QUOTATION

DATE	NUMBER
12/12/2016	13625

NAME/ADDRESS
LARAMIE FIRE DEPARTMENT PO BOX C LARAMIE, WY 82070

CUSTOMER P.O.	TERMS	REP	FOB	SHIP VIA
Jeff Wood	DUE ON RECPT	TM	ORIGIN	

QTY	ITEM	DESCRIPTION	PRICE	Total
20	Non-Invent...	MSA G1 Harness to include: System Pressure 4500 PSIG; Cylinder Connection CGA Threaded Remote; Harness Standard with Chest Strap; Cradle Type Metal Band; Lumbar Adjustable Swivel; Regulator Type Solid Cover Left Shoulder; Regulator Hose Type Continuous; Emergency Breathing Support Remote QF with Hose & Pouch; Speaker Module Left Chest; PASS PASS Right Shoulder; Battery Rechargeable. # A-GIFS 422MA2C5LAR	5,608.00	112,160.00
20	Non-Invent...	MSA G1 4500 PSIG 45 Minute Low Profile Carbon Wrapped Cylinder #10156424-SP	1,009.00	20,180.00
20	Non-Invent...	MSA G1 Medium Face Piece #10156459	350.00	7,000.00
3	Non-Invent...	MSA G1 Rechargeable Battery Charger #10158385	470.00	1,410.00
6	Non-Invent...	MSA G1 Rechargeable Battery #10148741-SP	270.00	1,620.00
0	Non-Invent...	Shipping Cost to Laramie Fire Department	0.00	0.00

This Quotation is Valid for Thirty Days.

**Total**

\$142,370.00

7600 Miller Ct Frederick, CO 80504 303-449-9911 phone 303-449-1203 fax  
info@frontrangefire.com



Bond 83682-Liberty-16-3

**BID BOND**

KNOW ALL BY THESE PRESENTS, That we, MSA Safety Incorporated  
of 1000 Cranberry Woods Drive, Cranberry Township,  
PA 16066 (hereinafter called the Principal), as Principal, and Liberty Mutual  
Insurance Company (hereinafter called the Surety),

as Surety, are held and firmly bound unto City of Laramie, City of Laramie Fire Department, 209 4th Street,  
Laramie, WY 82073

(hereinafter called the Obligee) in the penal sum of Five Percent of Amount Bid  
Dollars ( 5% of Amount Bid )

for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, That WHEREAS, the Principal has submitted or is about to submit a proposal to the Obligee on a contract for the supply of G1 SCBA, Cylinders, Facepieces, Batteries and Battery Chargers.

NOW, THEREFORE, If the said Contract be timely awarded to the Principal and the Principal shall, within such time as may be specified, enter into the Contract in writing, and give bond, if bond is required, with surety acceptable to the Obligee for the faithful performance of the said Contract, then this obligation shall be void; otherwise to remain in full force and effect.

Signed and sealed this 3rd day of January, 2017.

MSA Safety Incorporated (Seal)  
Principal

\_\_\_\_\_  
Witness

*Douglas K. McClaine*  
Douglas K. McClaine Title  
Senior VP, Secretary and Chief Legal Officer  
Liberty Mutual Insurance Company



By *Leslie L. Rudat*  
Leslie L. Rudat Attorney-in-Fact

**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7325144

American Fire and Casualty Company  
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company  
West American Insurance Company

**POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Cathy H. Ho; Elena Zunic; James M. Griffith; Leslie L. Rudat; Mary Gallagher; Wendy A. Bright

all of the city of Pittsburgh, state of PA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 13th day of April, 2016.



American Fire and Casualty Company  
The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company

By: David M. Carey  
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 13th day of April, 2016, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Teresa Pastella, Notary Public  
Plymouth Twp., Montgomery County  
My Commission Expires March 28, 2017  
Member, Pennsylvania Association of Notaries

By: Teresa Pastella  
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV - OFFICERS** - Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII - Execution of Contracts - SECTION 5. Surety Bonds and Undertakings.** Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation** - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization** - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 3RD day of JANUARY, 2017.



By: Gregory W. Davenport  
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

**City of Laramie, Wyoming**

**Fire Department**

**Self-Contained Breathing Apparatus (SCBA)  
Specifications and Bid Requirements  
December, 2016**

**Dan Johnson, Chief of Department**

**Contact Information: Jeff Wood, Division Chief Operations  
Clint Petersen, SCBA Technician  
(307) 721-5332**

**CITY OF LARAMIE, WYOMING  
SPECIFICATIONS FOR  
Self-Contained Breathing Apparatus (SCBA) bid  
December, 2016  
TABLE OF CONTENTS**

<b>NOTICE OF CALL FOR BIDS</b>	.....	<b>NB-1</b>
<b>INSTRUCTIONS TO BIDDERS</b>	.....	<b>IB-1 - IB-3</b>
<b>DETAILED SPECIFICATIONS Self-Contained Breathing Apparatus (SCBA)</b>	.....	<b>SP-1 – SP-15</b>
<b>BID FORM/CONTRACT</b>	.....	<b>BF-1 – BF-2</b>

**NOTICE OF CALL FOR BIDS**

Notice is hereby given that the City of Laramie, Wyoming will receive sealed bids for the furnishing of:

**Self-Contained Breathing Apparatus (SCBA)**

as called for in the specifications for Self-Contained Breathing Apparatus (SCBA) bid at the Office of the City Clerk, City Hall, 406 Iverson Street (PO Box C), Laramie, Wyoming 82073 until 1:00 P.M. Local Time, on the 3<sup>rd</sup> day of January, 2017 at which time the bids will be publicly opened and read aloud. All bids must be submitted on the forms supplied by the City of Laramie. Envelopes containing bids shall be clearly marked with the name of the bid and shall show the name and address of the bidder. Bids which are not prepared and filed in accordance with the specifications may be rejected. Bids may not be withdrawn after the time fixed for opening. The City reserves the right to reject any and all bids and the right to waive irregularities in bids received.

Each bid must be accompanied by a bid guarantee as called for in the specifications. For bids greater than \$100,000 the guarantee must be in the form of a bond for not less than five percent (5%) of the total amount of such bid. For bids equal to or less than \$100,000 the guarantee may be a bond or a cashier's check for not less than five percent (5%) of the total amount of such bid. Bonds and cashier's checks will be payable to, and forfeited to, the City of Laramie as liquidated damages if bidder fails to enter into contract within thirty (30) days after award to him/her, or fails at the time of executing the contract to furnish a performance guarantee as approved by the City in the amount of one-hundred percent (100%) of the bid, except in the case of vehicle bids, where the 5% bid security may be substituted for the performance guarantee. Facsimile (fax) or other copies of bonds are not acceptable, nor are cashier's checks which have an expiration date of less than one year. **NO BID WILL BE CONSIDERED IF NOT ACCOMPANIED BY SUCH BID GUARANTEE.**

A complete set of the specifications may be obtained after the 3<sup>rd</sup> day of December, 2016, at the Office of the Fire Chief, City of Laramie Fire Department, City of Laramie, 209 S 4<sup>th</sup> Street, P.O. Box C, Laramie, Wyoming 82073.

Preference is hereby given to materials, supplies, equipment, machinery and provisions, produced, manufactured, supplied or grown in Wyoming, quality being equal to articles offered by competitors outside the State, as provided in W.S. §§ 16-6-101 through 16-6-107.

**CITY OF LARAMIE, WYOMING**

**/s/ Janine Jordan, City Manager**

**Attest: /s/Angie Johnson, City Clerk**

**Publication Dates: December 4<sup>th</sup>, 2016; December 11<sup>th</sup>, 2016; December 18<sup>th</sup>, 2016; December 27<sup>th</sup>, 2016**

**CITY OF LARAMIE, WYOMING  
INSTRUCTIONS TO BIDDERS**

Bidders will observe the following instructions together with those contained in the "Notice of Call for Bids".

**IB-1 BID SPECIFICATIONS** The following are part and parcel of the contract and whenever the word "contract" appears herein the same shall be held to include all of these items:

- Notice of Call for Bids
- Instructions to Bidders
- Bid Form/Contract
- Bid Guarantee
- Performance Guarantee
- Detailed Specifications
- Addenda

**IB-2 BIDS**

a. Bids shall be made upon the form furnished herein, or copies thereof, with all items properly filled out, unless specific directions in the advertisement, on the Bid Form/Contract, or in the Specifications allow for partial bids. When quotations on all items are not required, bidders shall insert the words "no bid" where appropriate. Numerals shall be written in ink, and the signature of all persons signing shall be in longhand. The completed form should be without interlineation, alteration, or erasure. Any corrections to entries made on the bid form should be initialed by the person signing the bid. No oral, facsimile, telephonic or telegraphic proposals or modifications will be considered. In the event that any requirements in these Specifications are not included in manufacturer's specification sheets, bidders shall submit with the bid a Statement of Compliance.

b. All bids must be sealed, addressed to and deposited with the City Clerk, City Hall, 406 Iverson (P.O. Box C), Laramie, Wyoming 82073, on or before the day and hour set for opening of bids in the advertised "Notice of Call for Bids". Bids received after the time so indicated shall be returned unopened. The bids must be endorsed on the outside with the name of the bid as shown on the Specifications, and with the name and address of the bidder.

**IB-3 BID GUARANTEE**

a. Each bid shall, as a guarantee of good faith on the part of the bidder, be accompanied by Bid Guarantee in an amount of not less than five percent (5%) of the total bid. Bid bonds and cashier's checks which have an expiration date of less than one year are not acceptable. Bid Guarantee shall be forfeited as liquidated damages if the bidder, upon award to him/her, fails to enter into contract within 30 days following award.

b. Bid Guarantee shall be in the form of a bond for all bids greater than \$100,000. Bid Guarantee may be in the form of a bond or cashier's check for bids equal to or less than \$100,000.

**IB-4 PERFORMANCE GUARANTEE**

a. At such time as the bidder enters into Contract, he/she shall provide Performance Guarantee in the amount of 100% of the awarded contract as security for the faithful performance and payment of all his/her obligations under the Specifications, except for vehicle bids, where the 5% bid security may be substituted for the performance guarantee.

b. Performance Guarantee shall be in the form of a bond for all contracts greater than \$100,000. These bonds shall be in amounts at least equal to the Contract Price, and in such form and with such sureties as are approved by the City Attorney and licensed to conduct business in the State of Wyoming and are named in the current list of "Surety Companies Acceptable in Federal Bonds" as published in the Federal Register by the Audit Staff Bureau of Accounts, U.S. Treasury Department. Performance Guarantee may be in the form of a cashier's check for all contracts less than \$100,000.

c. Upon providing acceptable bond to the Owner the Bid Security accompanying the Bid shall be returned.

**IB-5 STATUTORY REQUIREMENTS/COMPARISON OF BIDS/WYOMING PREFERENCE ACT OF 1971** Preference is hereby given to supplies, materials, equipment, machinery and provisions produced, manufactured, supplied or grown in Wyoming, quality being equal to articles offered by competitors outside the state.

**IB-6 WITHDRAWAL OF BID** Bids may be withdrawn by the bidder prior to, but not after, the time set for opening upon written, facsimile or telegraphic request of the bidder. Errors on the part of the bidder in preparing bids shall not create a right to withdraw bid subsequent to the opening.

**IB-7 INTERPRETATION OF DOCUMENTS** Should a bidder find discrepancies in or omissions from the Specifications or be in doubt as to their meaning, bidder shall, at once, notify the City Clerk, and if the point in question is not clearly and fully set forth, a written Addendum or bulletin of instructions will be mailed or delivered to each person obtaining a set of Specifications as provided for in the Notice of Call for Bids. Each person requesting an interpretation will be responsible for the delivery of his request to the Clerk. The City will not be bound by, nor responsible for, any explanation or interpretation of the proposed documents other than those given in writing as set forth in this paragraph. No oral instructions, interpretations, or representations shall be binding upon the City.

**IB-8 SUBSTITUTION FOR PATENTED AND SPECIFIED ARTICLES** Whenever in the Specifications any material or process is indicated or specified by patent or proprietary name and/or by name of manufacturer, such Specifications shall be deemed to be used for the purpose of facilitating description of the material and/or process desired and shall be deemed to be followed by the words "or equivalent", and the bidder may offer any material or process which shall be equal in every respect to that so indicated or specified; provided, however, that if the material, process or article so offered by the bidder is not, in the opinion of the City, equal in every respect, then the bidder must furnish the material, process or article specified or one that in the opinion of the City is equal thereto in every respect.

**IB-9 AWARD OR REJECTION OF BIDS** The City reserves the right to reject any part or all of any and/or all bids and to waive irregularities in bids received.

**IB-10 CONSIDERATION OF BIDS IN AWARDING OF CONTRACT** Promptly after the opening of the bids a compilation of them will be prepared, and the Bid Guarantee of those bidders who in the sole judgment of the City should not be considered in making the award will be returned. The other Bid Guarantees, except that of the successful bidder, will be returned as soon as a contract is awarded or after a lapse of forty-five (45) days of the time from the opening of bids. Unless otherwise stated in the Bid Form/Contract, when the Bid Guarantee is held as Performance Guarantee in conjunction with the bidder's agreement to perform, the Bid Guarantee of the successful bidder will be returned as soon as contract and approved Performance Guarantee is provided, except in the case of vehicle bids, where the 5% security will be retained as the performance guarantee. The contract will be awarded within forty-five (45) days after opening of bids unless all bids are rejected. The successful bidder will be required to furnish the guarantee required within thirty (30) days of receipt of Notice of Award. Failure to do so shall

be just cause for the annulment of the award and in the event of such annulment, the Bid Guarantee of the bidder shall become the property of the City of Laramie. Award may then be made to another bidder or the City may call for other bids.

**IB-11 BASIS OF PAYMENT** The basis of payment will be actual quantities of materials furnished and/or services rendered and accepted. If upon completion of delivery or services performed, the actual quantities show either increase or decrease from the quantities shown in the Bid Form/Contract, the unit prices submitted on that Form shall still prevail. A completed City of Laramie voucher shall be presented for payment(s).

**IB-12 CONCERNING SUBCONTRACTORS** Unless herein specified as an inclusion to be submitted with each bid, the bidder may be required to submit, prior to the Notice of Award, the names of subcontractors and manufacturers of materials and equipment proposed to fulfill the requirements of the specifications.

**IB-13 TITLES/WARRANTIES** Successful bidders shall furnish a Wyoming Certificate of Title made out to the City of Laramie for all items required by the State of Wyoming to carry license plates. Each bid shall include a Statement of Standard Warranty of the manufacturer.

**IB-14 CONTRACT VOID IF NOT FUNDED** By Wyoming law, any contract awarded by the City is void if the city council fails to appropriate funds for completion of the contract. Should council decide not to fund the contract, bidders are not entitled to compensation for their efforts and the apparently successful bidder will not have a claim for labor, materials, or otherwise.

# **City Of Laramie Fire Department**

## **Call for Bids on Self-Contained Breathing Apparatus (SCBA)**

*The City of Laramie seeks to integrate energy efficiency practices into all aspects of day-to-day operations, from capital construction specifications to staff behaviors, to ensure economic and environmental sustainability. The City encourages bidder submissions that 1) enhance the efficiency of City projects and ongoing operations, and/or 2) consider all energy types, including traditional and renewable sources.*

### **1. INTRODUCTION**

1.1. The City of Laramie Fire Department is seeking bids for purchase of self-contained breathing apparatus (SCBA) and related components. The SCBA and related components shall meet the minimum specifications listed below. All bids must conform to these specifications and be presented on the forms provided for that purpose.

### **2. BIDS**

2.1. Bids must be submitted on the forms included in this document, and must be properly signed in the spaces indicated. Bids submitted otherwise will not be acceptable.

2.2. The Department reserve the right to reject any or all bids, waive technicalities, and to be the sole judge of suitability of the equipment or services for its intended use and further specifically reserve the right to make the award in the best interests of the Department. Other factors to be considered in awarding the bid will be price, quality, and time required to make delivery. Unless otherwise specified by the bidder, the Department reserves the right to accept any item in the bid and to award items to one single provider.

2.3. Failure to respond to any requirements outlined in this CFB, or failure to enclose copies of the required documents, may disqualify the bid.

2.4. Since time is of the essence, the date of delivery as shown in the Bid may be taken into consideration in the award or in the cancellation of the award for breach of contract.

2.5. A contract will be awarded after an evaluation of all bids have been made, and in the interest of suitability to the Department's needs and/or economy, equipment, furnishings, service or warranties offered, justifying the selection of other than the cheapest in price.

### **3. EXCEPTIONS TO SPECIFICATIONS**

3.1. These specifications are based upon design and performance criteria which have been researched and analyzed by the department. Therefore, major exceptions to these specifications will not be accepted.

3.2. To the right side of each section for a particular specification, the bidder shall mark the column for "YES", "NO" or "EXCEPTION" indicating the exact compliance with the specification.

3.3. All deviations and exceptions, no matter how slight, shall be clearly explained in writing with the bid proposal. All exceptions must list the section and fully describe the exception or alternative.

3.4. The City of Laramie Fire Department may choose to reject bids based on exceptions. Any exceptions that makes the SCBA non-compliant with the National Fire Protection Association's 2013 Edition of NFPA-1981 Standard on Open-Circuit Self-Contained Breathing Apparatus will result in the bid being rejected.

### **4. WARRANTY INFORMATION**

4.1. Vendor shall state specifically in the bid the manufacturer's warranty regarding parts and labor, and the duration of the warranty in years. If separate parts of the SCBA/cylinder/face piece have different warranties, this shall be specified in the bid. The vendor shall state specifically any and all regularly scheduled maintenance and requirements outlined by the manufacturer to maintain any and all warranties.

4.2. Additionally, the vendor shall also provide specific information regarding where said maintenance can and/or should be performed (i.e., within City of Laramie Fire Department, manufacturer's service center, etc.).

### **5. COST OF OWNERSHIP**

5.1. The vendor and/or manufacturer's representative shall, to the best of their ability, provide documentation and/or information regarding their SCBA's projected "cost of ownership" over a five, ten and fifteen-year period.

### **6. CONTACT**

6.1. Questions regarding the specifications should be directed to:

Operations Chief Jeff Wood, (307) 721-5332 or [jwood@cityoflaramie.org](mailto:jwood@cityoflaramie.org)

SCBA Technician Clint Petersen, (307) 721-5332 or [cpetersen@cityoflaramie.org](mailto:cpetersen@cityoflaramie.org)

### **7. MINIMUM SPECIFICATIONS OF THE SELF-CONTAINED BREATHING APPARATUS**

7.1. It is the intent of these minimum specifications to describe certain equipment in sufficient detail to obtain competitive bids from qualified vendors for the furnishing and delivery of said equipment to be used by the City of Laramie Fire Department. All parts not specifically mentioned which are necessary to provide the described equipment shall be included in the proposal and shall conform in strength and quality or material and workmanship to what is usually provided for the trade in general. Any omissions of components in these specifications are inadvertent and should be included in the proposed SCBA.

Specification Criteria	Meets Specification		
	<u>Yes</u>	<u>No</u>	<u>Exception</u>
<b><u>Approvals</u></b>			
SCBA shall be approved by the National Institute for Occupational Safety and Health (NIOSH), under 42 CFR, Part 84 for chemical, biological, radiological, and nuclear protection (CBRN) with 45 or 60 minute-rated service life and compliant with all requirements of the National Fire Protection Association's 2013 Edition of NFPA-1981 Standard on Open-Circuit Self-Contained Breathing Apparatus.	X		
Units equipped with integrated PASS device must meet requirements of NFPA 1982, 2013 Edition.	X		
<b><u>Face piece</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Face piece shall have open port to provide miniscule breathing resistance when regulator is not attached.	X		
Face piece shall not contain electronic components.	X		
Face piece shall provide means to display to user with visual indicators for HUD.	X		
Face piece shall have regulator attachment that does not bear any weight on lens.	X		
Face piece shall have effective field of view of 86% and overlapping field of view of 122% without attached component. Face piece shall be available in three sizes in Hycar Rubber (small, medium, large).	X		
Face piece shall have nose cup comprised of silicone rubber and available in three sizes (small, medium, large).	X		
Face piece shall have three head harness options constructed of flame/heat resistant assembly: Kevlar Head Harness (4-pt. adjustable), Kevlar 5-pt. adjustable and rubber 5-pt. adjustable.	X		
Face piece shall have universal lens that can be used with all three face piece sizes, shall be comprised of non-shatter type material and shall be field-replaceable.	X		
Lens shall be hard-coated on outside and anti-fog coated on inside.	X		
Face piece shall have optional flame/heat-resistant fabric or rubber neck strap to carry face piece in ready position for quick donning.	X		

Face piece shall have removable speaking diaphragm with aluminum-coated membrane, suitably protected and located centrally on face piece for optimal voice projection.	X		
Face piece shall have exhalation valve that is to be serviceable without special tools.	X		
Face piece shall be capable of water submersion for cleaning and disinfection.	X		
When doffing regulator, regulator disengagement shall simultaneously stop air flow and release regulator.	X		
<b><u>Mask-Mounted Regulator (Demand Valve): Push-to-Connect</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Regulator shall house electronic module that functions as microphone and HUD system.	X		
Regulator shall be equipped with variable flow bypass.			
Regulator shall not have exposed wiring in order to prevent snags and increase product durability.	X		
Regulator shall have two cover options: hard cover or purge cover.	X		
Regulator shall have fewer than 35 parts that are easily replaceable without special tools.			
Regulator shall have two options for air-supply hose: 1) Continuous hose from pressure reducer to regulator. 2) Quick-connect hose that terminates on shoulder in front of user.	X		
Regulator must be equipped with positive protection Tetraplex Shield membrane that covers diaphragm, preventing permeation of CBRN agents.	X		
Regulator shall have optional RFID chip for asset and maintenance tracking.	X		
<b><u>Heads-Up Display (HUD)</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Heads-Up Display (UD) System shall be integrated within regulator, eliminating snag hazards and increase product durability.	X		

HUD shall be powered from central power system.	X		
HUD System shall eliminate cross-talk among firefighters.	X		
HUD System shall be immune to radio frequency interference (RFI) and must function properly in close proximity to fire service hand-held radios.	X		
HUD System shall separate pressure indicators from status indicators: Left: status indicators. Right: pressure indicators.	X		
HUD system shall provide user with remaining cylinder air volume, available in four increments through series of four colored LEDs: Four green lights 76 to 100% cylinder volume Three green lights 51 to 75% cylinder volume Two flashing amber lights 36 to 50% cylinder volume One flashing red light 0 to 35% cylinder volume.	X		
HUD status indicators shall be icon-based and display battery life warning, PASS alarms, EVACUATE indicator, and secondary alarm indicator.	X		
HUD shall incorporate photoelectric sensor that senses ambient light conditions, automatically adjusting display to one of multiple pre-programmed light intensities.			
Buddy lights shall be visible from outside of firefighter's face piece.	X		
HUD system shall allow user to select from four modes of operation: 1) Continuous pressure mode that shall always have pressure LEDs on. 2) Intermittent pressure mode that shall turn on first three increments when reached for 20 seconds. 3) Oscillating pressure mode that shall brighten and dim LEDs every 20 seconds. 4) Mixed pressure mode that shall turn on first two increments when reached for 20 seconds and last two increments are in continuous mode.	X		
HUD shall be field-removable and replaceable without use of special tools.	X		

<b><u>Universal Air Connection (UAC)</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
<b>System shall be capable of:</b> 1) Refill within immediately dangerous to life or health (IDLH) atmospheres. 2) Quickly refilling (approximately one-minute duration) SCBA cylinder from mobile compressor, cascade system or RIT pack. 3) Quick fill located at waist including quick fill hose and hose storage capability.	X		
Primary UAC shall be illuminated when supply pressure reaches Low Pressure Warning Alarm or can be configured to optional medium pressure warning alarm.	X		
<b><u>Pressure Reducer (First-Stage Regulator) with Primary Low Pressure Warning Device</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Pressure reducer shall incorporate downstream valve to ensure fail-safe design when in open position.	X		
Pressure reducer shall incorporate bell alarm mechanism.	X		
Bell alarm mechanism shall be an air-actuated, continuously ringing audible warning alarm, automatically operating when supply cylinder air pressure reaches approximately 35% of rated service life	X		
Bell alarm mechanism shall cover multiple levels of frequencies to cover all hearing levels.	X		
Bell alarm mechanism shall be user-accessible while wearing SCBA.	X		
Pressure reducer reduces cylinder pressure to outlet pressure not to exceed 115 psi; outlet pressure must be adjustable.	X		
Pressure reducer shall have flow capacity of 700 liters per minute at full pressure.	X		
Pressure reducer shall have two options for cylinder connection type: threaded or quick-connect.	X		
Quick-connect connection shall not be removable from cylinder while under pressure.	X		

Pressure reducer shall have two options for cylinder connection location: remote connection or direct connection.	X		
Pressure reducer shall be capable of converting from threaded to quick-connect or vice versa.	X		
Pressure reducer body shall be constructed of high-strength aluminum alloy and anodized with Teflon hard coat to minimize corrosion and wear of internal and external components.			
Pressure reducer shall be sealed system that does not allow moisture to enter valve components.	X		
Pressure reducer shall have no more than 42 individual regulator replacement parts.	X		
Pressure reducer shall not require special tools for disassembly.	X		
Pressure reducer shall have two accessory ports, one medium pressure and one high pressure.	X		
<b><u>Cylinders</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Cylinders delivered not more than 90 days past their date of manufacture.	X		
Cylinders with 4500 psig operating pressure must be available in 30-, 45- and 60-minute durations. Cylinders with 5500 psig operating pressure must be available in 30-, 45-, 60-, and 75-minute durations.	X		
Cylinders must be available in two operating pressures: 4500 and 5500 psig.	X		
Cylinder shall be constructed of deep-drawn, seamless aluminum liner that is fully wound over entire surface (except for thick neck area) with high-strength carbon fiber filaments impregnated with epoxy resin.	X		
Cylinder shall contain cylinder valve that shall incorporate pressure gauge to indicate cylinder pressure at all times. Pressure gauge face shall be luminescent. Hand wheel shall be placed at 90° angle from cylinder axis.	X		
Cylinder valve shall be available in two options: remote connection or direction connection	X		

Cylinder valve shall incorporate flow control insert to limit air flow over hand wheel's first half rotation, minimizing propulsion thrust in event that cylinder is mishandled.	X		
Cylinder valve shall incorporate CGA thread that can be converted to quick connect cylinder without special tools.	X		
Cylinder shall have bracket and boot that can be user-installed and provide positioning and added security of cylinder to back plate.	X		
<b><u>PASS Device</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
PASS device shall contain power, control and battery modules.	X		
Power module shall provide power to all electronic SCBA components from battery module and act as central power system.	X		
Power module shall act as central command center, distributing all information and data among electronic components.	X		
Battery module shall be powered by six C-cell batteries or one lithium-ion rechargeable battery.	X		
Expected battery service life batteries shall be 4 to 6 months on average for units with speaker module (without telemetry) and 3 to 5 months on average with telemetry.	X		
PASS device shall be designed for battery level check and removal of batteries while SCBA remains in jump seat.	X		
Power module shall be capable of illuminating UAC fitting when supply cylinder reaches 35% of rated service time.	X		
Control module shall have analog and digital display for added redundancy. Analog gauge must be positioned above digital display as viewed by user.	X		
Control module shall be equipped with full color graphical display. Display shall be reprogrammable and capable of future integrations. Display's background color coordinates with HUD pressure status.	X		
Control module shall automatically provide information to user when placed in upright position. Device can be manually activated by pressuring reset button.	X		

PASS device shall use single line to connect power and control module.	X		
Control module shall have two reset buttons that perform same function no matter which button is pressed.	X		
Control module shall have alarm button to activate full alarm and is to be illuminated.	X		
PASS device shall be capable of being reprogrammed to fire department standard operating procedures (SOP). Using PC software program, configuration tag can be created and tagged on each device needed. Reprogramming options are as follows:  1) Medium pressure alarm.  2) Pressure drop alarm.  3) Primary temperature alarm.  4) Secondary temperature alarm.  5) Audible low pressure alarm	X		
PASS device shall be equipped with buddy lights on firefighter's front and back and viewable from 360° view; two buddy lights on front of user and four buddy lights in back of user.	X		
PASS device shall have colored buddy lights: green (pressure above 50% and no alarms), yellow (pressure between 36 and 50%) or red (below 36% or alarms are active).	X		
Power module shall be equipped with dual sound emitters; sound emitters shall perform at minimum 100 dBa in room temperature.	X		
PASS device shall be capable of storing up to 25 hours of use information in event log form that are generated each time SCBA is pressurized. Event logs must indicate on/off cycles, alarms, alarm reset, and tagging events.	X		
PASS device shall be capable of storing periodic logs. Periodic logs must indicate cylinder pressure for each SCBA pressurization stored at 15-second intervals.	X		
PASS device's event and periodic logs shall provide ability to download to personal computer for maintenance records or for use in incident investigations.	X		

PASS device shall be immune to radio frequency interference (RFI) and must function properly in close proximity of fire service hand-held radios.	X		
PASS device shall have optional time-remaining display. Time remaining function must update calculations every 30 seconds based upon user's previous three minutes of air consumption. Initial calculation will appear after three minutes. Calculations can be made to zero pressure, low pressure alarm or medium pressure alarm.	X		
PASS device shall employ gasket perimeter seal to provide highest protection level against water ingress, while providing ability to upgrade or repair electronics.	X		
PASS device shall be capable of electronically storing user's name into memory via ID tag.	X		
PASS device shall be removable with no more than two screws.	X		
Control module shall have service mode that provides ability to see number of hours used, connect to PC and firmware versions.	X		
Control module shall incorporate rubber boot for added protection and is to be replaceable.	X		
Power and Control Modules shall have optional RFID chip for asset and maintenance tracking.	X		
<b><u>Speaker Module</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Speaker module shall provide amplified speech that removes inhalation breath noise.	X		
Speaker module shall provide at minimum, 70 dBa output.	X		
Speaker module shall turn on and off with PASS device.	X		
Speaker module shall be powered by central power system.	X		
Speaker module shall be capable of passing NFPA heat and immersion leakage test (not NFPA-required).	X		
Speaker module shall be positioned on chest and attached to shoulder straps.	X		

Speaker module shall be capable of being mounted on either shoulder.	X		
Speaker module shall easily be attached and removed without special tools.	X		
Speaker module shall have light to indicate that device is powered on.	X		
Speaker module shall have on/off button to allow user to manually power off as needed.	X		
<b><u>Carrier and Harness</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Shoulder harness shall have separate left and right pads for easier and less costly replacement.	X		
Shoulder harness shall have retro-reflective markings for better visibility within low light conditions.	X		
Shoulder harness shall have localized frictions pads on shoulders to prevent slippage.	X		
Shoulder harness shall be available in standard and serviceable tunnel.	X		
Shoulder harness shall have improved color stability up to 600 degrees Fahrenheit.	X		
Shoulder harness shall be capable of washing 40 times before color fastness fades.	X		
Shoulder harness shall have optional chest strap.	X		
Harness design shall have Kevlar webbing.	X		
Shoulder harness shall have accessory attachment point available for face piece or pouch and can be moved from left to right shoulder strap or vice versa.	X		
Shoulder harness shall differentiate pad inside from pad outside by color; pad inside is grey and outside is black.	X		
Waist pad shall be available in at least 3 options: 1) Basic – basic pad with straps attaching directly to back plate.	X		

2) Fixed swiveling – standard pad attached to metal bracket that swivels in center and automatically centers.			
3) Adjustable swiveling – standard pad attached to metal bracket that has three positions and automatically centers.			
Adjustable swiveling waist pad shall be one-handed operation and can be performed while on user’s back.	X		
Back plate shall be capable of accepting all three waist pad designs.	X		
Back plate shall have two side handles and one top handle that are accessible with gloved hand.	X		
Back plate side handles shall be capable of 500 lbs. of force.	X		
Back plate top handle shall be capable of 1000 lbs. of force.	X		
Back plate cylinder band shall be available in two types: metal or fabric.	X		
Waist pad shall be of rigid construction to allow for easy donning and support.	X		
Waist straps shall be double-pull forward design.	X		
Harness design shall have regulator keeper for storage that can be attached to waist strap or chest strap.	X		
Regulator keeper shall allow regulator to be connected at any angle.	X		
<b><u>Weight</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Weight of SCBA shall not exceed 24 lbs.	X		
Weight of cylinder and valve assemblies (empty) shall not exceed: Carbon-wrapped H45 9 lbs. 7 oz. Carbon-wrapped H45-SL 9 lbs. 10 oz. Carbon-wrapped H60-SL 11 lbs. 12 oz.	X		

<b><u>Training</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
The successful bidder shall provide, at no cost to the department, a technician level maintenance training class to six (6) members of the department. A description of how this training will be performed shall be included in the proposal. Required special tools for performing repairs, maintenance, and PC interface connection for PASS alarm (with software) shall be provided at this training.			x
The successful bidder will submit a plan for training all department personnel how to use the SCBA. The training program shall be in a Power Point or similar format.	x		
<b><u>Emergency Air Supply System (RIT Pack).</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
The RIT Pack shall consist of the following components:  1. A carrying bag  2 An audible low-pressure alarm  3. A Universal Air Connection (UAC) high- pressure emergency airline that will function with any manufacturers NFPA 1981, 2002 compliant or newer self-contained breathing apparatus  4.. A low-pressure airline hose assembly with a low pressure manifold that has a male and female quick disconnect and additional ports to allow the use of other SCBA manufacturer's low-pressure fittings.  5. A face piece  6. A second stage pressure regulator			<u>x</u>
<b><u>Pricing</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
The manufacturer shall provide a complete parts list with prices for the SCBA, Face piece and Cylinder. This shall be included with the bid.			<u>x</u>
The vendor shall provide a guaranteed purchase price on the items and quantities for a period of twelve (12) months.			X

**Required Item Quantity and Pricing**

Item #	Quantity	Description	Price Each	Total Price
1.	20	2013 Edition of NFPA-1981 4500 psig Compliant SCBA with Threaded Remote Connection, Standard Harness with Chest Strap, Metal Cylinder Band Cradle, Adjustable Swiveling Lumbar Pad, Solid Cover Regulator Type Left Shoulder, Continuous Regulator Hose type, Waist Mounted Quick Fill, Left Chest Speaker Module, PASS Right Shoulder, Rechargeable Battery	\$5,608.00	\$112,160.00
2.	20	4500 psig, 45 minute rated, low profile, Carbon-Wrapped cylinder	\$1,009.00	\$20,180.00
3.	20	Face pieces (Medium)	\$350.00	\$7,000.00
4.	20	3 foot Quick-Fill Hose in Pouch	Included in item # 1 harness pricing.	This was discussed with Jeff Wood.
5.	3	Rechargeable Battery Charger	\$470.00	\$1,410.00
6.	6	Rechargeable Battery	\$270.00	\$1,620.00
7.		Shipping Cost to Laramie Fire Department 209 S 4 <sup>th</sup> St, Laramie, Wyoming 82070	\$0.00	\$0.00
<b>Total Price of all required items</b>				<b>\$142,370.00</b>

**BID QUESTIONNAIRE**

**BIDDER**

**DEALER**

NAME Front Range Fire Apparatus MSA

ADDRESS 100 Miller Court \_\_\_\_\_

CITY/STATE Frederick CO.

PHONE 307-254-0345

Make: MSA Model: G1

Facility Where Goods Manufactured: MSA

Facility Where Replacement Parts May Be Obtained: Front Range Fire Apparatus

Facility Where Service May Be Obtained: Front Range Fire Apparatus

Number of days from award of contract to delivery? 30 -90 Days

BIDDER: Front Range Fire Apparatus SIGNATURE: Terry Marschman

**CITY OF LARAMIE, WYOMING**  
**BID FORM/CONTRACT**  
**Self-Contained Breathing Apparatus (SCBA)**  
**December, 2016**

To: **The Mayor and City Council**  
**City of Laramie**  
**406 Iverson**  
**P.O. Box C**  
**Laramie, Wyoming 82073**

The undersigned bidder, having examined the Specifications for the materials and/or equipment hereto attached or referenced, together with any and all Addenda thereto, and being acquainted with and fully understanding the requirements, stipulations, provisions, and conditions thereof, proposes and agrees to enter into and perform this Contract and to furnish the materials and/or equipment therein set forth in strict accordance with the Specifications for the following prices shown.

<u>Description</u>	<u>Unit Cost Each</u>	<u>Total Cost</u>
<b>Self Contained Breathing Apparatus (SCBA)</b>		
Twenty (20) SCBA Packs	\$5608.00 _____	\$112,160.00
Twenty (20) SCBA Bottles	\$1,009.00 _____	\$20,180.00
Twenty (20) SCBA Face Pieces	\$350.00 _____	\$7,000.00
Twenty (20) Quick fill hoses and pouches	\$ _Included with Pack	
Three (3) Rechargeable battery chargers	\$470.00 _____	\$1,410.00
Six (6) Rechargeable batteries	\$270.00 _____	\$1,620.00
Shipping costs to Laramie Fire Department		\$0.00
<b>Total cost of all items listed above written and numerical:</b>		
<b>One hundred forty two thousand, three hundred seventy dollars</b>		<b>\$142,370.00</b>

If awarded the Contract, the undersigned hereby agrees to furnish the necessary performance

guarantee within thirty (30) days of receipt of the Notice of Award of said Contract, and to furnish and deliver all items, or render service as required, at the price set opposite each item within delivery period shown below:

\_\_\_\_ 30 – 90 days after order is placed

The undersigned has checked carefully all the above figures, and understands that the City will not be responsible for any errors or omissions on the part of the undersigned in making up this bid.

Enclosed is the required bid guarantee in the form of a bid bond or cashier's check to pay penalty in the amount of Five Percent of Bid Amount\_ DOLLARS, drawn in favor of the City of Laramie. Said bid guarantee is given as a guarantee that the bidder will agree to fulfill the requirements of the attached specifications, if awarded the Contract, and the amount thereof represents the agreed liquidated damages that the City of Laramie will sustain if the bidder fails or refuses to enter into said Contract, in which event the said security shall be immediately forfeited to and become the property of the City of Laramie, Wyoming, and retained by it as payment of said liquidated damages and not as penalty.

The undersigned agrees that the City has the right to hold all bids received for a period of forty-five (45) days after date of opening thereof.

The City of Laramie reserves the right to reject any and/or all bids; to waive any irregularity in the bids; and, unless otherwise specified by the bidder, to accept any item in the bid. In case of error in the extension of prices in the bid, the unit prices will govern.

Front Range Fire Apparatus  
(Name of Bidder)

By Terry Marschman

Title Sales Representative

Address 7600 Miller Court

Frederick, CO.

Telephone # 307-254-0345

Signature Terry Marschman

Dated this \_\_\_\_ 13 \_\_\_\_ day of \_\_\_\_ December \_\_\_\_\_, 2016 \_\_\_\_

The above signed Bidder hereby acknowledges receipt of \_\_ 0 \_\_ addenda to these specifications before the time of the submittal of the Bid.

\*\*\*\*\*

This Bid Form/Contract is hereby accepted and approved by the City of Laramie, Wyoming.

BY \_\_\_\_\_  
Janine Jordan, City Manager  
and Purchasing Agent for the  
City of Laramie

## **EXCEPTIONS**

### **Page 19 – Training**

**Training will be provided by a MSA Trainer. Training will provide repairs and procedures necessary for maintenance and repair of the G1 SCBA**

**Tools to aid in the instruction will be provided for use in the training course. Any tools necessary for department maintenance and repair will be available for purchase from MSA.**

**Training for personnel shall include the cost of the training class only. Transportation, Room and Food are the responsibility of the department.**

### **Page 19 – Emergency Air Supply System (RIT)**

**MSA can provide (at an additional cost) a G1 compatible RIT pack. There is no option request for a RIT Pack. This was discussed with Jeff Wood and can be quoted as an option if requested. The MSA G1 RIT pack meets the bid requirements.**

### **Page 19 – Pricing**

**Prices are subject to change. Front Range Fire Apparatus has no control over MSA cost increases. Pricing on items and quantities are subject to MSA not Front Range Fire Apparatus.**

**A complete parts list and pricing shall be distributed at the CARE training class.**

**BID QUESTIONNAIRE**

**BIDDER**

**DEALER**

**NAME** L.N. Curtis & sons

\_\_\_\_\_

**ADDRESS** 1195 South 300 West

\_\_\_\_\_

**CITY/STATE** Salt Lake City, UT 84101

\_\_\_\_\_

**PHONE** 801-486-7285

\_\_\_\_\_

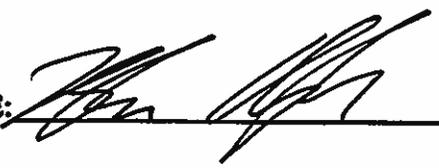
**Make:** Avon **Model:** Deltair

**Facility Where Goods Manufactured:** Cadillac Michigan

**Facility Where Replacement Parts May Be Obtained:** Salt Lake City, Utah

**Facility Where Service May Be Obtained:** Salt Lake City, Utah

**Number of days from award of contract to delivery?** 45 Days

**BIDDER:** Brandon Clough **SIGNATURE:** 

**CITY OF LARAMIE, WYOMING**  
**BID FORM/CONTRACT**  
**Self-Contained Breathing Apparatus (SCBA)**  
**December, 2016**

**To: The Mayor and City Council**  
**City of Laramie**  
**406 Ivinson**  
**P.O. Box C**  
**Laramie, Wyoming 82073**

The undersigned bidder, having examined the Specifications for the materials and/or equipment hereto attached or referenced, together with any and all Addenda thereto, and being acquainted with and fully understanding the requirements, stipulations, provisions, and conditions thereof, proposes and agrees to enter into and perform this Contract and to furnish the materials and/or equipment therein set forth in strict accordance with the Specifications for the following prices shown.

<u>Description</u>	<u>Unit Cost Each</u>	<u>Total Cost</u>
<b>Self Contained Breathing Apparatus (SCBA)</b>		
Twenty (20) SCBA Packs	\$ 3346.15	\$ 66,923.00
Twenty (20) SCBA Bottles	\$ 955.51	\$ 19,110.20
Twenty (20) SCBA Face Pieces	\$ 598.27	\$ 11,965.40
Twenty (20) Quick fill hoses and pouches	\$ Included in SCBA	\$ Included
Three (3) Rechargeable battery chargers	\$ Not Available	\$ Not Available
Six (6) Rechargeable batteries	\$ Not Available	\$ Not Available
Shipping costs to Laramie Fire Department		\$ Included
<b>Total cost of all items listed above written and numerical:</b>		
Ninety seven thousand nine hundred ninety eight dollars and sixty cents.		\$ 97,998.60

If awarded the Contract, the undersigned hereby agrees to furnish the necessary performance guarantee within thirty (30) days of receipt of the Notice of Award of said Contract, and to furnish and deliver all items, or render service as required, at the price set opposite each item within delivery period shown below:

45 Days

The undersigned has checked carefully all the above figures, and understands that the City will not be responsible for any errors or omissions on the part of the undersigned in making up this bid.

Enclosed is the required bid guarantee in the form of a bid bond or cashier's check to pay penalty in the amount of \$5000.00 DOLLARS, drawn in favor of the City of Laramie. Said bid guarantee is given as a guarantee that the bidder will agree to fulfill the requirements of the attached specifications, if awarded the Contract, and the amount thereof represents the agreed liquidated damages that the City of Laramie will sustain if the bidder fails or refuses to enter into said Contract, in which event the said security shall be immediately forfeited to and become the property of the City of Laramie, Wyoming, and retained by it as payment of said liquidated damages and not as penalty.

The undersigned agrees that the City has the right to hold all bids received for a period of forty-five (45) days after date of opening thereof.

The City of Laramie reserves the right to reject any and/or all bids; to waive any irregularity in the bids; and, unless otherwise specified by the bidder, to accept any item in the bid. In case of error in the extension of prices in the bid, the unit prices will govern.

L.N. Curtis & sons

(Name of Bidder)

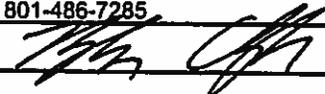
By Brandon Clough

Title Customer Service & Operations Manager

Address 1195 South 300 West

Salt Lake City, UT 84101

Telephone # 801-486-7285

Signature 

Dated this 30 day of December, 2016

The above signed Bidder hereby acknowledges receipt of \_\_\_\_\_ addenda to these specifications before the time of the submittal of the Bid.

\*\*\*\*\*

This Bid Form/Contract is hereby accepted and approved by the City of Laramie, Wyoming.

BY \_\_\_\_\_

Janine Jordan, City Manager  
and Purchasing Agent for the  
City of Laramie

Specification Criteria	Meets Specification		
	Yes	No	Exception
<b>Approvals</b>			
SCBA shall be approved by the National Institute for Occupational Safety and Health (NIOSH), under 42 CFR, Part 84 for chemical, biological, radiological, and nuclear protection (CBRN) with 45 or 60 minute-rated service life and compliant with all requirements of the National Fire Protection Association's 2013 Edition of NFPA-1981 Standard on Open-Circuit Self-Contained Breathing Apparatus.	X		
Units equipped with integrated PASS device must meet requirements of NFPA 1982, 2013 Edition.	X		
<b>Face piece</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
Face piece shall have open port to provide miniscule breathing resistance when regulator is not attached.	X		
Face piece shall not contain electronic components.		X	See Attached
Face piece shall provide means to display to user with visual indicators for HUD.	X		
Face piece shall have regulator attachment that does not bear any weight on lens.		X	See Attached
Face piece shall have effective field of view of 86% and overlapping field of view of 122% without attached component. Face piece shall be available in three sizes in Hycar Rubber (small, medium, large).	X		
Face piece shall have nose cup comprised of silicone rubber and available in three sizes (small, medium, large).		X	See Attached
Face piece shall have three head harness options constructed of flame/heat resistant assembly: Kevlar Head Harness (4-pt. adjustable), Kevlar 5-pt. adjustable and rubber 5-pt. adjustable.		X	
Face piece shall have universal lens that can be used with all three face piece sizes, shall be comprised of non-shatter type material and shall be field-replaceable.	X		
Lens shall be hard-coated on outside and anti-fog coated on inside.	X		
Face piece shall have optional flame/heat-resistant fabric or rubber neck strap to carry face piece in ready position for quick donning.		X	See Attached

Face piece shall have removable speaking diaphragm with aluminum-coated membrane, suitably protected and located centrally on face piece for optimal voice projection.		X	See Attached
Face piece shall have exhalation valve that is to be serviceable without special tools.	X		
Face piece shall be capable of water submersion for cleaning and disinfection.	X		
When doffing regulator, regulator disengagement shall simultaneously stop air flow and release regulator.		X	See Attached
<u>Mask-Mounted Regulator (Demand Valve): Push-to-Connect</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
Regulator shall house electronic module that functions as microphone and HUD system.		X	See Attached
Regulator shall be equipped with variable flow bypass.	X		
Regulator shall not have exposed wiring in order to prevent snags and increase product durability.	X		
Regulator shall have two cover options: hard cover or purge cover.		X	See Attached
Regulator shall have fewer than 35 parts that are easily replaceable without special tools.	X		
Regulator shall have two options for air-supply hose: 1) Continuous hose from pressure reducer to regulator. 2) Quick-connect hose that terminates on shoulder in front of user.		X	See Attached
Regulator must be equipped with positive protection Tetraplex Shield membrane that covers diaphragm, preventing permeation of CBRN agents.		X	See Attached
Regulator shall have optional RFID chip for asset and maintenance tracking.		X	
<u>Heads-Up Display (HUD)</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
Heads-Up Display (UD) System shall be integrated within regulator, eliminating snag hazards and increase product durability.	X		

HUD shall be powered from central power system.	X		
HUD System shall eliminate cross-talk among firefighters.	X		
HUD System shall be immune to radio frequency interference (RFI) and must function properly in close proximity to fire service hand-held radios.	X		
HUD System shall separate pressure indicators from status indicators: Left: status indicators. Right: pressure indicators.		X	See Attached
HUD system shall provide user with remaining cylinder air volume, available in four increments through series of four colored LEDs: Four green lights 76 to 100% cylinder volume Three green lights 51 to 75% cylinder volume Two flashing amber lights 36 to 50% cylinder volume One flashing red light 0 to 35% cylinder volume.	X		
HUD status indicators shall be icon-based and display battery life warning, PASS alarms, EVACUATE indicator, and secondary alarm indicator.		X	See Attached
HUD shall incorporate photoelectric sensor that senses ambient light conditions, automatically adjusting display to one of multiple pre-programmed light intensities.		X	See Attached
Buddy lights shall be visible from outside of firefighter's face piece.	X		
HUD system shall allow user to select from four modes of operation: 1) Continuous pressure mode that shall always have pressure LEDs on. 2) Intermittent pressure mode that shall turn on first three increments when reached for 20 seconds. 3) Oscillating pressure mode that shall brighten and dim LEDs every 20 seconds. 4) Mixed pressure mode that shall turn on first two increments when reached for 20 seconds and last two increments are in continuous mode.		X	See attached
HUD shall be field-removable and replaceable without use of special tools.		X	

<u>Universal Air Connection (UAC)</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
System shall be capable of:  1) Refill within immediately dangerous to life or health (IDLH) atmospheres. 2) Quickly refilling (approximately one-minute duration) SCBA cylinder from mobile compressor, cascade system or RIT pack.  3) Quick fill located at waist including quick fill hose and hose storage capability.		X	See attached
Primary UAC shall be illuminated when supply pressure reaches Low Pressure Warning Alarm or can be configured to optional medium pressure warning alarm.	X		
<u>Pressure Reducer (First-Stage Regulator) with Primary Low Pressure Warning Device</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
Pressure reducer shall incorporate downstream valve to ensure fail-safe design when in open position.	X		
Pressure reducer shall incorporate bell alarm mechanism.	X		
Bell alarm mechanism shall be an air-actuated, continuously ringing audible warning alarm, automatically operating when supply cylinder air pressure reaches approximately 35% of rated service life	X		
Bell alarm mechanism shall cover multiple levels of frequencies to cover all hearing levels.	X		
Bell alarm mechanism shall be user-accessible while wearing SCBA.		X	See attached
Pressure reducer reduces cylinder pressure to outlet pressure not to exceed 115 psi; outlet pressure must be adjustable.	X		
Pressure reducer shall have flow capacity of 700 liters per minute at full pressure.	X		
Pressure reducer shall have two options for cylinder connection type: threaded or quick-connect.	X		
Quick-connect connection shall not be removable from cylinder while under pressure.	X		

Pressure reducer shall have two options for cylinder connection location: remote connection or direct connection.		X	See attached
Pressure reducer shall be capable of converting from threaded to quick-connect or vice versa.	X		
Pressure reducer body shall be constructed of high-strength aluminum alloy and anodized with Teflon hard coat to minimize corrosion and wear of internal and external components.	X		
Pressure reducer shall be sealed system that does not allow moisture to enter valve components.	X		
Pressure reducer shall have no more than 42 individual regulator replacement parts.	X		
Pressure reducer shall not require special tools for disassembly.	X		
Pressure reducer shall have two accessory ports, one medium pressure and one high pressure.	X		
<b><u>Cylinders</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Cylinders delivered not more than 90 days past their date of manufacture.	X		
Cylinders with 4500 psig operating pressure must be available in 30-, 45- and 60-minute durations. Cylinders with 5500 psig operating pressure must be available in 30-, 45-, 60-, and 75-minute durations.	X		
Cylinders must be available in two operating pressures: 4500 and 5500 psig.		X	See attached
Cylinder shall be constructed of deep-drawn, seamless aluminum liner that is fully wound over entire surface (except for thick neck area) with high-strength carbon fiber filaments impregnated with epoxy resin.	X		
Cylinder shall contain cylinder valve that shall incorporate pressure gauge to indicate cylinder pressure at all times. Pressure gauge face shall be luminescent. Hand wheel shall be placed at 90° angle from cylinder axis.	X		
Cylinder valve shall be available in two options: remote connection or direction connection		X	See attached

Cylinder valve shall incorporate flow control insert to limit air flow over hand wheel's first half rotation, minimizing propulsion thrust in event that cylinder is mishandled.	X		
Cylinder valve shall incorporate CGA thread that can be converted to quick connect cylinder without special tools.	X		
Cylinder shall have bracket and boot that can be user-installed and provide positioning and added security of cylinder to back plate.		X	See attached
<b>PASS Device</b>	<b>Yes</b>	<b>No</b>	<b>Exception</b>
PASS device shall contain power, control and battery modules.		X	See attached
Power module shall provide power to all electronic SCBA components from battery module and act as central power system.	X		
Power module shall act as central command center, distributing all information and data among electronic components.	X		
Battery module shall be powered by six C-cell batteries or one lithium-ion rechargeable battery.		X	See attached
Expected battery service life batteries shall be 4 to 6 months on average for units with speaker module (without telemetry) and 3 to 5 months on average with telemetry.	X		
PASS device shall be designed for battery level check and removal of batteries while SCBA remains in jump seat.	X		
Power module shall be capable of illuminating UAC fitting when supply cylinder reaches 35% of rated service time.		X	See attached
Control module shall have analog and digital display for added redundancy. Analog gauge must be positioned above digital display as viewed by user.		X	See attached
Control module shall be equipped with full color graphical display. Display shall be reprogrammable and capable of future integrations. Display's background color coordinates with HUD pressure status.		X	See attached
Control module shall automatically provide information to user when placed in upright position. Device can be manually activated by pressing reset button.		X	See attached

PASS device shall use single line to connect power and control module.	X		
Control module shall have two reset buttons that perform same function no matter which button is pressed.		X	See attached
Control module shall have alarm button to activate full alarm and is to be illuminated.		X	See attached
PASS device shall be capable of being reprogrammed to fire department standard operating procedures (SOP). Using PC software program, configuration tag can be created and tagged on each device needed. Reprogramming options are as follows:  1) Medium pressure alarm.  2) Pressure drop alarm.  3) Primary temperature alarm.  4) Secondary temperature alarm.  5) Audible low pressure alarm		X	See attached
PASS device shall be equipped with buddy lights on firefighter's front and back and viewable from 360° view; two buddy lights on front of user and four buddy lights in back of user.	X		
PASS device shall have colored buddy lights: green (pressure above 50% and no alarms), yellow (pressure between 36 and 50%) or red (below 36% or alarms are active).		X	See attached
Power module shall be equipped with dual sound emitters; sound emitters shall perform at minimum 100 dBA in room temperature.		X	See attached
PASS device shall be capable of storing up to 25 hours of use information in event log form that are generated each time SCBA is pressurized. Event logs must indicate on/off cycles, alarms, alarm reset, and tagging events.	X		
PASS device shall be capable of storing periodic logs. Periodic logs must indicate cylinder pressure for each SCBA pressurization stored at 15-second intervals.	X		
PASS device's event and periodic logs shall provide ability to download to personal computer for maintenance records or for use in incident investigations.	X		

PASS device shall be immune to radio frequency interference (RFI) and must function properly in close proximity of fire service hand-held radios.	X		
PASS device shall have optional time-remaining display. Time remaining function must update calculations every 30 seconds based upon user's previous three minutes of air consumption. Initial calculation will appear after three minutes. Calculations can be made to zero pressure, low pressure alarm or medium pressure alarm.		X	See attached
PASS device shall employ gasket perimeter seal to provide highest protection level against water ingress, while providing ability to upgrade or repair electronics.	X		
PASS device shall be capable of electronically storing user's name into memory via ID tag.		X	See attached
PASS device shall be removable with no more than two screws.		X	See attached
Control module shall have service mode that provides ability to see number of hours used, connect to PC and firmware versions.		X	See attached
Control module shall incorporate rubber boot for added protection and is to be replaceable.		X	See attached
Power and Control Modules shall have optional RFID chip for asset and maintenance tracking.		X	See attached
<b><u>Speaker Module</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Speaker module shall provide amplified speech that removes inhalation breath noise.	X		
Speaker module shall provide at minimum, 70 dBa output.	X		
Speaker module shall turn on and off with PASS device.	X		
Speaker module shall be powered by central power system.	X		
Speaker module shall be capable of passing NFPA heat and immersion leakage test (not NFPA-required).	X		
Speaker module shall be positioned on chest and attached to shoulder straps.		X	No attached

Speaker module shall be capable of being mounted on either shoulder.		X	See attached
Speaker module shall easily be attached and removed without special tools.		X	See attached
Speaker module shall have light to indicate that device is powered on.	X		
Speaker module shall have on/off button to allow user to manually power off as needed.		X	See attached
<b><u>Carrier and Harness</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Shoulder harness shall have separate left and right pads for easier and less costly replacement.	X		
Shoulder harness shall have retro-reflective markings for better visibility within low light conditions.	X		
Shoulder harness shall have localized frictions pads on shoulders to prevent slippage.		X	See attached
Shoulder harness shall be available in standard and serviceable tunnel.		X	See attached
Shoulder harness shall have improved color stability up to 600 degrees Fahrenheit.	X		
Shoulder harness shall be capable of washing 40 times before color fastness fades.	X		
Shoulder harness shall have optional chest strap.	X		
Harness design shall have Kevlar webbing.	X		
Shoulder harness shall have accessory attachment point available for face piece or pouch and can be moved from left to right shoulder strap or vice versa.		X	See attached
Shoulder harness shall differentiate pad inside from pad outside by color; pad inside is grey and outside is black.		X	See attached
Waist pad shall be available in at least 3 options: 1) Basic – basic pad with straps attaching directly to back plate.		X	See attached

2) Fixed swivelling – standard pad attached to metal bracket that swivels in center and automatically centers.		X	See attached
3) Adjustable swivelling – standard pad attached to metal bracket that has three positions and automatically centers.		X	See attached
Adjustable swivelling waist pad shall be one-handed operation and can be performed while on user's back.		X	See attached
Back plate shall be capable of accepting all three waist pad designs.		X	See attached
Back plate shall have two side handles and one top handle that are accessible with gloved hand.		X	See attached
Back plate side handles shall be capable of 500 lbs. of force.	X		
Back plate top handle shall be capable of 1000 lbs. of force.	X		
Back plate cylinder band shall be available in two types: metal or fabric.		X	See attached
Waist pad shall be of rigid construction to allow for easy donning and support.		X	See attached
Waist straps shall be double-pull forward design.	X		
Harness design shall have regulator keeper for storage that can be attached to waist strap or chest strap.		X	See attached
Regulator keeper shall allow regulator to be connected at any angle.		X	See attached
<b><u>Weight</u></b>	<b><u>Yes</u></b>	<b><u>No</u></b>	<b><u>Exception</u></b>
Weight of SCBA shall not exceed 24 lbs.	X		
Weight of cylinder and valve assemblies (empty) shall not exceed: Carbon-wrapped H45 9 lbs. 7 oz. Carbon-wrapped H45-SL 9 lbs. 10 oz. Carbon-wrapped H60-SL 11 lbs. 12 oz.	X		

<u>Training</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
The successful bidder shall provide, at no cost to the department, a technician level maintenance training class to six (6) members of the department. A description of how this training will be performed shall be included in the proposal. Required special tools for performing repairs, maintenance, and PC Interface connection for PASS alarm (with software) shall be provided at this training.	X		
The successful bidder will submit a plan for training all department personnel how to use the SCBA. The training program shall be in a Power Point or similar format.	X		
<u>Emergency Air Supply System (RIT Pack)</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
<p>The RIT Pack shall consist of the following components:</p> <ol style="list-style-type: none"> <li>1. A carrying bag</li> <li>2 An audible low-pressure alarm</li> <li>3. A Universal Air Connection (UAC) high- pressure emergency airline that will function with any manufacturers NFPA 1981, 2002 compliant or newer self-contained breathing apparatus</li> <li>4.. A low-pressure airline hose assembly with a low pressure manifold that has a male and female quick disconnect and additional ports to allow the use of other SCBA manufacturer's low-pressure fittings.</li> <li>5. A face piece</li> <li>6. A second stage pressure regulator</li> </ol>	X		
<u>Pricing</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
The manufacturer shall provide a complete parts list with prices for the SCBA, Face piece and Cylinder. This shall be included with the bid.	X		
The vendor shall provide a guaranteed purchase price on the items and quantities for a period of twelve (12) months.	X		

**Required Item, Quantity and Pricing**

Item #	Quantity	Description	Price Each	Total Price
1.	20	2013 Edition of NFPA-1981 4500 psig Compliant SCBA with Threaded Remote Connection, Standard Harness with Chest Strap, Metal Cylinder Band Cradle, Adjustable Swivelling Lumbar Pad, Solid Cover Regulator Type Left Shoulder, Continuous Regulator Hose type, Waist Mounted Quick Fill, Left Chest Speaker Module, PASS Right Shoulder, Rechargeable Battery	\$3,346.15	\$66,923.00
2.	20	4500 psig, 45 minute rated, low profile, Carbon-Wrapped cylinder	\$955.51	\$19,110.20
3.	20	Face pieces (Medium)	\$598.27	\$11,965.40
4.	20	3 foot Quick-Fill Hose in Pouch	Included with SCBA	
5.	3	Rechargeable Battery Charger	Not available	
6.	6	Rechargeable Battery	Not available	
7.		Shipping Cost to Laramie Fire Department 209 S 4 <sup>th</sup> St, Laramie, Wyoming 82070	Included	
<b>Total Price of all required items</b>				<b>\$97,998.60</b>

## **Laramie Bid Exceptions**

### **Face Piece**

**Non removable regulator with airswitch. Helps conserve air, eliminates donning and doffing issues. provides ZERO breathing resistance when airswitch is open.**

**Mask contains Internal microphone and HUD, proven "in mask" electronics, which Avon has pioneered and perfected for the last decade.**

**Avon incorporates the smallest lightest regulator in the industry, putting minimal weight on the lens.**

**Nose cup is one standard size. Allows simplicity of fit testing.**

**Two point head harness, quick donning**

**Mask incorporates a D ring for hanging the mask on the chest while in standby. Superior to a neck strap because it does not interfere with a hood.**

**Speech diaphragm is incorporated into Demand Exhalation Valve. Removable with tools. Patented design.**

**Air shut off is accomplished with patented Airswitch.**

### **Mask Mounted Regulator**

**No electronics in regulator, where they may suffer damage, Avon's electronics are protected inside the mask. Proven technology for Avon.**

**Regulator cover options are proprietary to MSA, Avon has a hard cover.**

**Quick disconnect air supply hose only.**

**Tetraplex membrane is strictly proprietary to MSA. User sanitizes our regulator with each mask washing.**

### **Heads up Display**

**One set of pressure indicators, can be mounted on left or right.**

**Avon utilizes 7 lights: green, yellow, and red. These indicate air pressure, PASS activation, battery strength, and radio communication.**

**Avon's HUD consists of simple, easy to understand LED's. Easy to remember, also allows for superior battery life by eliminating complicated electronic symbols and messages.**

**Avon's HUD is always visible, no need to program it.**

#### **Universal Air Connection**

**Avon's UAC is intended to be utilized with a RIT bag only. No stiff and cumbersome metal braided high pressure fill line is needed to be attached to the waist.**

**Our UAC does not illuminate.**

#### **First stage Reducer, low pressure warning**

**Bell mounted inside backplate to allow protection from debris and ice collecting around the sound mechanism.**

**Remote pressure connection only.**

**We exceed the 42 part regulator spec. Avon first stage has 7 parts!**

#### **Cylinders**

**4500 psi only**

**Remote connection only.**

**Avon's cylinder bracket "spoon" is permanent stainless steel.**

#### **PASS Device**

**Avon utilizes 6 C cell only, 8-12 month run time, no rechargeable option is necessary.**

**UAC does not illuminate**

**Simple pneumatic gauge. They always work, no complicated electronics.**

**Avon utilizes one large, illuminated reset button.**

**Manually activated alarm button has a tactile indicator, not illuminated.**

**Avon's PASS is not programmable to perform different functions other than those prescribed by NFPA.**

Avon incorporated 1 "buddy light" on the chest, 2 on the backplate.

While coloring of "buddy light indicates normal operation, RED indicated fiull PASS alarm. No other colors

Avon utilizes one sound emitter Decibel level is per the NFPA requirement.

Avon's PASS utilizes a simple pneumatic gauge. They always work, no complicated electronics.

Easy to remove, may take more than 2 screws.

No RFID chip, Avon utilizes QR bar codes and a bar code reader for asset and maintenance tracking.

#### Speaker Module

Avon's speaker module is designed to "stay put" not be removed, or knocked off.

#### Carrier and Harness

No friction pads, excellent ergonomics.

Avon's shoulder pads incorporate a serviceable protective sheath over the hoses.

Standard color stability

Face piece attachment on Left only.

No color coding.

One piece, fixed lumbar pad, no moving parts, no adjustment, very durable.

Cylinder band is in Kevlar only.

Regulator is attached, no regulator keeper necessary.



### Cost of Ownership

Equipment	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Total
Avon Deltair	\$ 40,000.00										\$ 40,000.00
Scott X3	\$ 40,000.00										\$ 40,000.00
MSA Firehawk	\$ 40,000.00	\$ 2,970.00	\$ 2,970.00	\$ 2,970.00	\$ 2,970.00	\$ 2,970.00	\$ 2,970.00	\$ 2,970.00	\$ 2,970.00	\$ 2,970.00	\$ 114,211.90
MSA G1	\$ 40,000.00	\$ 2,970.00									\$ 48,910.00
Dräger FSS 7000	\$ 40,000.00										\$ 40,000.00
Scott 2007/2013, Draeger 2007, MSA Firehawk offering 2007/2013, MSA G1 2013	Battery replacement for all SCBA at 2 times per year										
Avon Deltair	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 15,000.00
Scott X3	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 1,400.00	\$ 14,000.00
MSA Firehawk	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 1,900.00	\$ 19,000.00
MSA G1	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 15,000.00
Dräger FSS 7000	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 50,000.00
Warranty	Estimate that 1 in 3 units will need electronics replacement in the first 10 years										
Avon Deltair	Estimate that 1/3 of all electronics will require replacement over 10 years										
Scott X3	Estimate that 1/3 of all electronics will require replacement over 10 years										
MSA Firehawk	Estimate that 1/3 of all electronics will require replacement over 10 years										
MSA G1	Estimate that 1/3 of all electronics will require replacement over 10 years										
Dräger FSS 7000	Estimate that 1/3 of all electronics will require replacement over 10 years										
Asset Management	Cost savings related to use of Avon Asset Management Software										
Avon Deltair	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 110.00
Scott X3	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 110.00
MSA Firehawk	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 110.00
MSA G1	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 110.00
Dräger FSS 7000	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 110.00

Estimated cost of ownership over 10 years  
 Avon Deltair \$ 55,000.00  
 Scott X3 \$ 164,110.00 More than Avon  
 MSA Firehawk \$ 238,721.90 More than Avon  
 MSA G1 \$ 169,420.00 More than Avon  
 Dräger FSS 7000 \$ 195,810.00

Costing reference is for 100 SCBA



# DELTAIR® ENDURANCE WARRANTY

Avon Protection Systems, Inc., warrants to the Customer that on delivery and for 15 years (the "Warranty Period") from the date of delivery, the Deltair SCBA, mechanical, pneumatic, and electronic components, will be free from defects in workmanship and materials when operated in accordance with applicable instructions and training, and will conform to Avon's specifications, drawings and performance requirements. Consumables, parts or accessories that have a limited shelf life or that are expended in normal use, such as filter cartridges and batteries, are not covered by this warranty. Avon has and will transfer to the Customer ownership and good title to the Goods delivered, free of all liens, encumbrances, and rights of third parties (except those created by Avon).

PLEASE NOTE THAT THIS WARRANTY IS SUBJECT TO ADDITIONAL PROVISIONS, TERMS, AND PROCESSES; THAT ARE PROVIDED IN DETAIL AT [www.avon-protection.com/customerservice](http://www.avon-protection.com/customerservice). IT IS THE CUSTOMER'S OBLIGATION TO REFER TO THIS ADDITIONAL LANGUAGE. YOU CAN INITIATE A WARRANTY ACTION IN ACCORDANCE WITH AVON PROTECTION SYSTEMS PRODUCT WARRANTY BY CONTACTING AVON CUSTOMER SERVICE AT:

#### AMERICAS CUSTOMER SERVICE

+1 (888) 286 6440

Fax: +1 (410) 273 1301

Email: [customerservice@avon-protection.com](mailto:customerservice@avon-protection.com)

#### EMEA CUSTOMER SERVICE

+44 (0)1225 896705

Fax: +44 (0)1225 896301

Email: [EMEAcustomerservice@avon-protection.com](mailto:EMEAcustomerservice@avon-protection.com)



ADVANCE WITH CONFIDENCE



Product	Description	2016 Price List (USD)
001003	Tape, Double Side, 2"	\$ 1.30
004001	Insert, Carrying Case, Vision	\$ 170.00
004023	Insert, Carrying Case, Surveyor	\$ 106.70
004027	Foam Insert, ISI 2500	\$ 101.50
004044	Bag Red Facemask	\$ 49.00
009004	Silencer, Foam, EEBA Hood	\$ 1.00
010002	Case, Carrying, Vision	\$ 594.50
010003	Case, Carrying, Tic	\$ 263.30
013004	Disinfectant, L488, Gallon	\$ 32.00
014004	Ring, Retaining, EXT, Self-Lock	\$ 3.10
014006	Ring, Retaining, 'C-Clip'	\$ 1.50
014008	Tie, Cable	\$ 1.00
014009	Tie, Cable, Miniature, 4"	\$ 1.00
014011	Ring, Retaining, EXT Basic .75	\$ 6.20
014017	Battery Latch	\$ 48.50
014021	Clamp, Charger Retension	\$ 21.70
014027	Tie, Cable, 7.5"	\$ 1.30
014032	Latch, Battery, nVision	\$ 10.40
014063	Ring, Boot	\$ 4.20
014064	U-Clip, Pspt	\$ 9.30
016007	Cap, 1/4", Pull The Dot	\$ 3.10
016020	Buckle, Slide, Blk, 1 1/2"	\$ 3.10
016028	Body, Cord End, Single, Stock	\$ 2.10
016031	Buckle, Side Release 2".2 Side	\$ 3.10
016035	Slide, Notched, 3-Bar, 2"	\$ 6.20
016036	Buckle, Slider release, 2" Female	\$ 2.10
016039	Cap, 1/4" Pull The Dot, Blk	\$ 3.10
016042	Stud, Pull The Dot, Black	\$ 1.00
016049	Grommet, Thumbwheel Interface	\$ 2.10
016050	Latch, L100	\$ 3.00
016088	Handle, Backframe	\$ 29.90
016096	Brace, Combination	\$ 14.50
018001	Plug, Hex Hd, 1/4 MNPT, Nickel Pl	\$ 6.20
018008	High Pressure Tube Assembly	\$ 175.20
018011	Coupler, QC, Dblshut-Off, 1/8-27N	\$ 38.20
018012	Plug, QC, Dblshut-Off, 1/8-27Nptm	\$ 38.20
018015	Plug, Blank, LP	\$ 6.20
018018	Ferrule, Cp	\$ 3.10
018019	Plug, Foster 1/4" MNPT, Brass	\$ 6.20
018023	Coupler, Male, Fast Fill	\$ 462.60
018024	Female Coupling, Fd17 Series	\$ 478.10
018028	Coupler, QC, Dbl So, Series 25	\$ 127.80
018033	Coupler, QC, Dbl Shut-Off, 1/4"	\$ 101.00
018034	Plug, QC, Dbl Shut-Off, 1/4"	\$ 75.20
018044	Outlet Tube, AS1	\$ 154.60
018046	Plug, Foster, 1/4MNPT, SS	\$ 16.60
018047	Socket, Foster, 1/4MNPT, SS	\$ 112.40
018048	Connector, Tee, 1/4FNPT, Ni Plate	\$ 48.50

Product	Description	2016 Price List (USD)
018049	Connector,Union,1/4FNPT,Ni Plt	\$ 11.40
018050	Fitting,U-Clip,Hood,EEBA	\$ 16.50
018051	Rectus Plug, 1/4 MNPT	\$ 75.20
018053	Spacer Block	\$ 16.50
018054	Barb, 10-32 To 1/8 Tube	\$ 6.00
018055	Reducer Bushing 1/4Mx1/8F	\$ 6.20
018057	Elbow, 45 1/4MNPTx1/FNPT Nicbr	\$ 16.50
018059	QC Plug Male Npt Hansen 2RI	\$ 11.40
018060	QC Socket, Male Npt Hansen 2RI	\$ 63.90
018063	Tee, 14 Female, Npt,SS	\$ 203.00
018071	Adapter, Din To Cga, Female	\$ 95.80
018072	High Pressure Tube Assembly	\$ 122.60
024001	Cyl LP 30Min	\$ 651.20
024002	Cyl HP 30Min	\$ 819.10
024003	Cyl HP 45Min	\$ 944.80
024004	Cyl HP 60Min	\$ 1,083.00
024017	Cyl 3000 PSI	\$ 912.80
024033	Cyl HP 17 cu ft	\$ 892.20
024034	Cyl 300 Bar 1.0 L	\$ 695.50
024035	Cyl 300 Bar 2.0L	\$ 811.90
024036	Cyl LP 30Min Blk	\$ 1,120.00
024037	Cyl HP 30Min Blk	\$ 1,120.00
024038	Cyl HP 45Min Blk	\$ 1,443.40
024039	Cyl HP 60Min Blk	\$ 1,603.10
025001	Housing, Black Box	\$ 32.00
025011	Pin,Power Supply,Black Box	\$ 1.00
025014	Housing, Console	\$ 26.80
025017	Boot, Console	\$ 43.30
025018	Actuator, Switch, Console	\$ 2.60
025019	Pc Board Assembly, Battery	\$ 52.80
025025	F To Bnc Adapter,Video Link +	\$ 26.80
025026	Bnc To F Adapter,Video Link +	\$ 21.70
025027	Cable Assembly, Mask Display	\$ 9.30
025028	Microcontroller	\$ 43.30
025030	Console Cover Assembly	\$ 85.60
025042	Gasket,Battery Cover	\$ 6.20
025053	Plate,Retainer,Console	\$ 21.70
025054	Transmitter, Video Link Plus	\$ 3,003.20
025055	Antenna,Transmitter,VLP	\$ 324.60
025056	Receiver, Video Link Plus	\$ 2,642.60
025070	Antenna, Receiver,Videolink Pl	\$ 631.50
025075	Bushing,Console,Cable	\$ 6.20
025077	Insulator,PCB,Console	\$ 3.10
025105	Clip,Radio Cable	\$ 6.20
025123	Power Supply, Receiver	\$ 191.60
025141	Cord, Ac Power	\$ 21.70
025156	Connector, Probe, Male Spring	\$ 4.20
025157	Connector Probe, Female Socket	\$ 3.10

Product	Description	2016 Price List (USD)
025189	Housing, Receptacle 4Pin 1.25M	\$ 3.10
025199	Therm	\$ 2,138.00
025203	Crimp Terminal, 1.25mm, 26-28A	\$ 1.00
025206	Pin, Battery Contact	\$ 6.20
025213	Earphone Kit, Motorola	\$ 276.20
025236	Camera Charger	\$ 334.80
025238	3500 As Camera Control Board	\$ 382.20
025253	Housing, Receptacle, 11 Pin	\$ 2.10
025260	Adapter, Rca To Bnc	\$ 21.70
025261	Console, SMT PCB	\$ 326.80
025273	Cable, Int Charger, 2500As	\$ 340.00
025276	Power Supply, 15Vdc, 4A	\$ 149.40
025277	PCB TEAMS Command center/Repea	\$ 870.60
025278	Fuse Clip Protector Battery Bd	\$ 3.50
025281	Charger, Power Supply, Cig 12V	\$ 16.60
025283	Cable Assembly, Charger Jack	\$ 16.50
025285	Charger, Power Suppy Cig 12V C	\$ 27.90
025302	Cable, Charger, Internal, 3500	\$ 331.80
025308	Thermistor, TEAMS	\$ 85.60
025321	Power Supply 12V 2A Ac Adapter	\$ 95.80
025332	Cable, Thumbwheel Interface	\$ 124.70
025333	Lapel Mic, Ht1000 Radio Lead	\$ 806.70
025337	PCB, Console, ZIGBee	\$ 573.90
025342	Display Board, Display Module	\$ 510.00
025353	Battery Cover	\$ 16.50
025355	Digital Transducer Assembly	\$ 192.60
025361	Viking 2007 PASS Module	\$ 488.40
025362	Quick Connect Manifold, Rear	\$ 6.70
025363	Quick Connect Manifold, Front	\$ 6.70
025368	Cable Assy 1/4 Jack/Turk PKg3M	\$ 133.00
025388	Pin Power Supply Blk Bx	\$ 4.20
025392	8-32X.281 L X .250 D Standoff	\$ 1.00
025393	Bumper, Console	\$ 21.70
025396	PCBa, TEAMS, -ZIGBee	\$ 993.20
025397	PCB, Display Power Supply	\$ 308.10
025401	Thermistor Seal,75A, Blk, Sil	\$ 1.00
025406	OLED Display, Statcheck	\$ 63.90
025437	Battery Tray, TEAMS	\$ 6.20
025439	Antenna, TEAMS	\$ 58.80
025456	Remote Cable Assembly, IPAPR	\$ 1,374.40
025469	Pem Insert, Z7 TEAMS	\$ 10.40
025491	Button, Console, EXTended	\$ 4.20
025507	Cabel Assembly, Recharging	\$ 51.60
025536	Cable Assembly Drawing	\$ 27.10
025538	Posi-Chek Software For Usb	\$ 950.00
025553	Cable, PASS, J2, Accessories	\$ 670.70
025560	Console, Deltair	\$ 3,507.90
029009	Nut,Square,#8-32	\$ 11.40

Product	Description	2016 Price List (USD)
030003	Screw,Mach.,#4-40X.75,Trs,SST	\$ 3.10
030004	Screw,Cap,#6-32 X .31,But	\$ 1.00
030008	Screw,Cap,Locking,8-32X3/8	\$ 1.00
030010	Screw, Thd Forming Ph 2.5mmx6M	\$ 1.30
030011	Screw,Soc.Hd,Cap,#10-32 X 2.62	\$ 6.20
030013	Screw, Mch #4-40X.31 Fit Phil	\$ 1.00
030015	Screw,Cap,#10-24 X .25 Lg,But	\$ 1.00
030018	Screw,Cap,#10-32X2.50,Hexs,SS	\$ 6.20
030022	Screw,Cap,2-56X.125,But,Hexs,S	\$ 1.00
030023	Screw,Cap,10-32X.5,Hexs,SS,Lk	\$ 2.10
030024	Screw,1/4-20X.50,Pan,Phil,SS	\$ 1.00
030027	Screw,Cap,4-40X.63,Soc.Hd,SS	\$ 1.00
030028	Screw, Cap,M5X12mmlg,Hex,SST	\$ 1.00
030029	Screw,Mach,#4-40X.25 Trshd,SST	\$ 1.00
030032	Screw,Cap,Locking,#8-32X5/8Lg	\$ 2.10
030033	Screw,8-32X1.5,Soc Hd Cap,SS	\$ 1.00
030034	Screw,Self Tapping,4-40	\$ 1.00
030036	Screw,Transmitter Cover	\$ 6.20
030037	Screw,2-56 Pan Hd	\$ 1.00
030039	Screw,Cap,Torx,8-32X3/8	\$ 2.10
030041	Screw,Torx,#8-32X.75,Locking	\$ 2.10
030048	Screw, #4-40X3/16SS Oval Phil	\$ 1.00
030055	Screw, 6-32X.625 Torx	\$ 2.10
030056	Screw, 6-32X.375 Sacs	\$ 1.00
030066	Screw, 4-40X1/4, Pan Phil	\$ 1.00
030074	Screw, #10-32X.75Lg	\$ 1.00
030075	Screw, #6-32X3/16SS Trussphil	\$ 1.00
030077	Screw, # 8-32X1/4, Cap,Hdss	\$ 2.10
030078	Screw, Set, #4-40X.125	\$ 2.10
030080	Screw, Truss Hd, # 4-40	\$ 1.00
030087	Screw, 4-41X1/8 Pan Phil	\$ 1.00
030088	Screw, #6-32X3/8, Torx	\$ 2.10
030096	Screw, Mch #4-40X1.25 Flt Phil	\$ 1.00
030100	Screw, 10-24 X .5SS Button Hd	\$ 3.10
030108	Screw, 8-32X1/2Flt Hex Hd, Npb	\$ 3.10
030121	Screw, 8-32 X 6 Phil PanSS	\$ 6.20
030141	10-32 X 1-5/8 Shcs,SS	\$ 3.10
030148	Screw,M2.2 X .98, 6mmlength	\$ 6.20
030149	Screw, M2.2 X .91, 4mmlength	\$ 6.20
031002	Lockwasher,Helical,5/16 X .586	\$ 1.00
031003	Washer, Split-Lock, #8-Screw,	\$ 1.00
031004	Washer,Nylon,.120IDX.280ODX.03	\$ 1.00
031009	Spacer,1/2 Od X 3/8Lg,#8	\$ 2.10
031010	Washer,Sealing	\$ 1.00
031011	Washer,#8,Flat	\$ 1.00
031012	Washer, Flat 1.125X.344X.63SST	\$ 2.10
031013	Washer, Flat 5/16SS	\$ 2.10
031021	Washer Fltss.354ODX.195IDX.032	\$ 1.00

Product	Description	2016 Price List (USD)
031022	Washer FltSS .500ODX.265IDX03	\$ 1.00
031023	Washer FltSS .625ODX.281IDX06	\$ 6.20
031025	Washer, Flt, .725X.540X.016	\$ 1.00
031030	Washer Backup .240X.135X.010	\$ 1.00
031031	Silicone Washer,#8,5/16X.15	\$ 1.00
031032	Washer, Flat, #8	\$ 1.00
031035	ConicalWasher,#8,.016"Thick,Z7	\$ 1.00
031048	Washer, Split-Lock,#10,SS	\$ 6.20
033002	Disc, Filter, 10 Micron	\$ 11.40
033003	Filter,Cannister,Machined	\$ 40.00
033006	Filter,Silencer,EEBA	\$ 11.40
033016	Canister, P100, Ov	\$ 80.00
034005	Tray,Battery	\$ 16.50
035001	Body,Actuator,Alarm	\$ 90.70
035002	Piston,Actuator,Alarm,2216 PSI	\$ 48.50
035003	Piston,Actuator,Alarm,4500 PSI	\$ 48.50
035004	Cap,Actuator,Alarm	\$ 6.20
035006	Striker,Alarm,Bell	\$ 10.40
035007	Sleeve,Striker,Alarm	\$ 26.80
035008	Gong,Alarm,Bell	\$ 11.40
035009	Retainer,O-Ring	\$ 2.10
035010	Plate,Mounting,Bell	\$ 16.50
035012	Seat,Striker,Alarm	\$ 3.10
035013	Spring,Striker,Bell	\$ 3.10
035014	Spacer,Gong,.25 O.D. X 3/16 Lg	\$ 6.20
035019	Spool,Support,Tactile,Alarm	\$ 48.50
035020	Support,Tactile,Alarm	\$ 21.70
035023	Adjustment Screw,Assy Actuator	\$ 26.80
035024	Strip,Retainer,U-Clip	\$ 3.10
035031	Gauge Alarm,2216	\$ 356.50
035032	Gauge Alarm,4500	\$ 356.50
035035	Cap, Actuator, Alarm	\$ 11.40
035036	Body, Whistle	\$ 186.60
035037	Plug, Flute, Whistle	\$ 11.40
035039	Cup, Spring, Whistle	\$ 6.20
035040	Adjustment Screw, Whistle	\$ 21.70
035041	Bushing, Adjustment Screw,Whis	\$ 6.20
035042	Cap, Whistle	\$ 16.50
035043	Gauge 2 Inch U-Clip Fitt 2216	\$ 170.00
035045	Gauge, 2 Inchm U-Clip Fitt4500	\$ 170.00
035047	U-Clip, Whistle	\$ 6.20
035048	Cap Whistle 4500	\$ 21.70
035049	Guage, 2" U-Clip, Bar	\$ 112.40
035050	Body, Whistle, Brass	\$ 212.20
035051	Cap, Whistle, Brass	\$ 33.00
035052	Gauge, 2 Inch, U-Clip, CE	\$ 112.40
035053	Boot, Gauge, CE	\$ 10.90
035054	Gauge, Escape, 300 Bar	\$ 53.60

Product	Description	2016 Price List (USD)
035060	Gauge & Hose, 2216, 32"	\$ 308.10
035061	Gauge & Hose, 4500, 32"	\$ 308.10
035063	Body, Bell, Alarm	\$ 127.80
035064	Gong, Alarm Bell, Deltair	\$ 7.30
036002	Prong & Adj. Block Assy,Spec.	\$ 16.50
036004	Visor, Vision 1	\$ 144.20
036011	Adjusting Block & Prong Assy,Z	\$ 21.70
038009	Gear Bag, Viking ST	\$ 324.60
038011	RIT Bag, Nylon, w/Rope Bag	\$ 536.80
038012	MIDEAST ARAP Bag 15	\$ 159.80
038014	Harness Assembly, Net, Kevlar	\$ 117.50
038016	Carry Harness,Shrt Durat, SCBA	\$ 90.70
038017	Carry Harness, SD, 11Cuft Cyl	\$ 90.70
038018	Carry Harness, SD, 1 Liter Cyl	\$ 90.70
038019	Carry Harness, SD, 2 Liter Cyl	\$ 90.70
038020	IPAPR Carrier, Basic SCBA	\$ 164.80
038021	IPAPR Combo Carrier ST53 SD	\$ 207.20
038022	Carrier, PAPR	\$ 164.80
038024	PAPR Cyl Attachment Strap SCBA	\$ 59.10
038026	Side Strap, Wrapper, nVision	\$ 59.80
038028	True North RIT Bag	\$ 468.20
038034	Lumbar Pad, Z7 Plus	\$ 120.60
038044	Harness Kit, Webbing, Deltair	\$ 1,654.60
038053	Lumbar Pad,Rescue Belt,Deltair	\$ 232.80
038060	Upper Strap Assembly	\$ 830.40
038062	Waistbelt Assembly	\$ 125.80
039020	PAPR Breathing Tube, 28"	\$ 154.60
045012	Bumper, Front Mold	\$ 223.60
045022	Visor, Bracket	\$ 85.60
045025	Lens, Shield	\$ 38.20
045042	Bumper, Strap	\$ 6.20
045045	Charg Jack Cable w/Conn Video	\$ 43.30
045050	Battery Enclosure, Assembly	\$ 297.80
045053	Bracket, LCD Mounting, 2.5"	\$ 38.20
045055	Frame, LCD Mount, 2.5"	\$ 53.60
045058	LCD & Led Driver Cable	\$ 53.60
045095	Window, Rear	\$ 32.00
045096	Gasket, Housing	\$ 16.50
045099	Battery, Camera, Latch	\$ 45.40
045101	Battery, Camera, Spring	\$ 11.40
045130	Case, Upper, Yellow, 3500	\$ 325.60
045146	Lens, Germanium, 1.5"	\$ 828.30
045150	Assembly, 2500 Truck Mount	\$ 944.80
045159	ISI Echoseeker TIC Tracker	\$ 2,300.00
045160	Echotracer Hh Tracker	\$ 1,600.00
046002	Case,Upper,Gray,nVision	\$ 257.60
047001	Grease, Christo-Lube, 1 Lb	\$ 811.90
047002	Grease, Christo-Lube, 1/4 Oz	\$ 17.80

Product	Description	2016 Price List (USD)
047003	Powder, Lub., Z Moly Dow, 10Oz	\$ 260.70
047004	Compound,Dow Corning 111	\$ 48.70
049006	Label. NIOSH Viking	\$ 3.70
049007	Label, Cylinder, Viking	\$ 6.20
049011	Label, Intrinsic Safety, V/V	\$ 6.80
049021	Label,Kit Eagle	\$ 16.50
049024	Label, NFPA, Viking	\$ 2.60
049075	Label,Case,ISI Logo,Vision3	\$ 4.20
049084	Label,Console,PASS	\$ 6.20
049085	Label,PASS,Approval	\$ 6.20
049091	Label,Console,Non-PASS	\$ 11.40
049118	Label, Viking Kit, DXL	\$ 16.50
049124	Label, Bypass, Stealth	\$ 3.10
049127	Label, NFPA 2002	\$ 1.80
049136	Label, Euro Cyl Valve, 200 Bar	\$ 6.20
049140	CBRN Backfram Label, Reflectiv	\$ 26.80
049141	Label, CBRN Facemask	\$ 6.30
049142	Label, NIOSH, CBRN	\$ 5.20
049149	Label, Battery Cover	\$ 9.00
049153	Label, Rear Window, ISI 2500	\$ 32.00
049163	ISI 3500 Camera Label	\$ 6.20
049166	Label, BB/EAS Warning	\$ 3.60
049175	Label, Battery Tray	\$ 2.10
049190	Label, NIOSH, Z3000/Z3100	\$ 10.40
049191	Label Kit, Z3000	\$ 5.20
049192	Label, Z Seven Kit	\$ 5.20
049197	Label, NIOSH, Z7	\$ 4.20
049198	Label, NFPA, 2007	\$ 4.20
049202	Label, NFPA 1982, 2007 (PASS)	\$ 5.20
049203	Label Console Intrinsic Safety	\$ 6.20
049230	Label Wireless Video Rec 2.4Gh	\$ 26.80
049232	Label, TEAMS, FCC	\$ 6.20
049233	Label, Polarity Indicating	\$ 1.00
049242	Label, C cell Battery, CSA	\$ 2.10
049245	Label Battery Tray C cell	\$ 2.10
049256	Label, nVision XT	\$ 7.30
049259	Label, Viking Z7, SCBA	\$ 2.10
049281	Label, NFPA 1981, 2013	\$ 4.50
049282	Label, NFPA 1982, 2013	\$ 4.50
051001	Pin,Roll,Regulator,Escape	\$ 1.00
051007	Plunger, Bypass, RDV	\$ 1.00
053001	Shock Cord 1/8", Stock	\$ 6.20
054008	(X)O-Ring,.005,Buna 70A	\$ 1.00
054013	O-Ring, -.010, Sil, 70A	\$ 1.00
054014	(X) Seal,Quad-Ring,-011,Bun70A	\$ 1.00
054016	O-Ring,-013,EPDM,70A	\$ 1.00
054020	O-Ring,.322 X .070,EPDM,80A	\$ 6.20
054028	O-Ring,-010,EPDM,90A	\$ 2.10

Product	Description	2016 Price List (USD)
054032	Backup Ring, Single Turn, Tefl	\$ 1.00
054037	O-Ring, -006, Sil, 80A	\$ 1.00
054038	O-Ring,-016,Sil,70A	\$ 2.10
054039	(X) O-Ring,.030,Buna-N-70	\$ 2.00
054040	O-Ring,011,EPDM,70	\$ 2.10
054041	Seal,Gauge,Escape	\$ 6.20
054047	Gasket,Battery Cover	\$ 6.20
054049	(X)O-Ring,13X3mm,Buna,N,70A	\$ 2.10
054050	O-Ring,2-005,Epr,90A	\$ 6.60
054053	O-Ring, 10mmx1.5mm, EPDM, 80A	\$ 3.10
054054	Seal, Cd, Bypass	\$ 6.20
054055	O-Ring .344IDX.070 Sil,70A Red	\$ 6.20
054056	O-Ring, 024, Silicone, 50A,Red	\$ 6.20
054058	O-Ring, 4mmIDX 2mm, Bunan70D	\$ 1.30
054062	Valve, Pressure Relief	\$ 6.20
054063	O-Ring, -017 Sil 70A	\$ 2.10
054064	O-Ring, -612 EPDM 80A	\$ 2.10
054065	O-Ring, -003 EPDM 80A	\$ 2.10
054066	Gasket, V3 Battery	\$ 3.10
054067	O-Ring, -042,31/4X1/16, Sil	\$ 11.40
054068	O-Ring 12mmIDX 2 mmThick	\$ 1.00
054069	O-Ring, -111, EPDM, 80A	\$ 2.10
054070	Seal, 020Q, Bun-N, 70A	\$ 2.10
054071	O-Ring .110IDX.075W Buna-N 70A	\$ 1.00
054074	O-Ring, 18mmIDX 2.65 mm, Bun	\$ 1.00
054080	O-Ring, 45mmIDX 1.5mmViton	\$ 6.20
054081	O-Ring, 40mmIs X 1.5mmViton	\$ 3.30
054084	O-Ring, 024, EPDM, 50A	\$ 3.10
054085	O-Ring .344IDX.070ThicEPDM70A	\$ 2.10
054088	O-Ring, -012, EPDM, 80A	\$ 1.00
054096	O-Ring, -008Q, Buna-N, 70A	\$ 2.10
054097	O-Ring,-006,Low-Temp Nit,75A	\$ 2.20
054103	O-Ring,-111,Lowtemp Nit, 75A	\$ 2.10
054104	Gasket, Console Battery Cover	\$ 6.20
054108	O-Ring,1.112 X .031,EPDM	\$ 6.20
054110	O-Ring, -031 Buna, 70A	\$ 2.10
054176	O-Ring,-109,1/2X3/32",Silicone	\$ 1.30
054179	O-Ring, -012, 70A, EPDM	\$ 1.30
057006	Spring,Comp,SS,.300 O.D.X .038	\$ 2.10
057007	Spring,Comp,SS,.300 O.D.X .045	\$ 3.10
057008	Spring, Compression	\$ 2.30
057014	Spring,Comp,SS,.420ODX.045Wire	\$ 2.10
057015	Spring,Comp,SS,.180X.022X.500	\$ 6.20
057016	Spring,Comp,SST,.75X.117X1.03	\$ 6.20
057017	Spring Check Valve AS1 Sys	\$ 6.20
057020	Spring, Exhale	\$ 6.70
057021	Spring, Disc,SS .125ID.25Od	\$ 2.10
057022	Spring, Disc,SS .125ID.250d	\$ 1.00

Product	Description	2016 Price List (USD)
057023	Spring, Comp,SS .120ODX.016WI	\$ 2.10
057024	Spring DiscSS .255Id.018Thick	\$ 3.10
057025	Spring DiscSS.255ID.025Thick	\$ 6.20
057026	Spring CompSST.26L .120Od.014	\$ 2.10
057027	Comp Spring,SS .295Od X .026	\$ 3.10
057028	Spring Comp.119ODX.010WireSS	\$ 1.00
057031	Spring Comp,SS .120X.016X.375	\$ 2.10
057043	Spring Comp .057ODX.008X.188L	\$ 3.10
057069	Spring,Comp,.300 Od,.040 Wire	\$ 2.10
060001	Filter,Flanged Cone	\$ 3.10
060002	Insert,Pilot Chamber	\$ 3.10
060003	U-Clip,DEV	\$ 2.10
060005	Flap,Outlet,DEV	\$ 11.40
060006	Hose,Barb,DEV	\$ 11.40
060007	Body,Valve,DEV ,Machined #1	\$ 43.30
060009	Crosswire,.031Dia X 1.07Lg,DEV	\$ 1.00
060010	Cover,Main,DEV	\$ 16.50
060013	Nut,Retaining	\$ 2.10
060020	Slide,DEV	\$ 11.40
060027	Gasket,Valve Body	\$ 3.10
060029	Seal,Speech Diaphragm,DEV	\$ 29.40
060031	Ring,Retaining,Seal,DEV	\$ 6.20
060032	Bypass,Piston,DEV	\$ 6.20
060033	Cap,Bypass,DEV	\$ 21.70
060034	Brace, Hose, DEV	\$ 6.20
060035	Spring,Biasing	\$ 6.20
060038	Disc,Valve,Machined,DEV	\$ 32.00
060039	Knob, Bypass,DV,Machined	\$ 21.70
060050	Slide w/O Nubs	\$ 21.70
060055	Pilot Block, Brass	\$ 48.50
060059	Valve Disc, Drilled, MG	\$ 48.50
060062	Lever, Pilot, CDV	\$ 2.10
060064	Diaphragm, CDV	\$ 32.00
060067	Screw, Bias, CDV	\$ 6.20
060071	Disc, Bypass, CDV	\$ 3.10
060073	Screen, Outlet, CDV	\$ 2.10
060074	Retainer Ring, CDV	\$ 2.10
060078	Clip Socket, CDV	\$ 1.00
060080	Sleeve, Socket, CDV, Facepiece	\$ 16.50
060084	Body w/Groove, Socket,CDVhood	\$ 11.40
060085	Body w/Groove, Socket,CDV Face	\$ 11.40
060087	Cover, CDV, Molded	\$ 11.40
060089	Knob, Bypass, Black, Machined	\$ 16.50
060091	DEV Screen Guard	\$ 21.70
060092	Split Ring, CDV	\$ 6.20
060094	Hand Nut, CDV	\$ 6.30
060096	Knob, Bypass, Plastic, CDV	\$ 6.20
060097	Socket w/Groove, Threaded, CDV	\$ 16.50

Product	Description	2016 Price List (USD)
060099	Socket w/Groove, Threaded CDV	\$ 95.80
060102	Spring, Lever,Plastic, CDV	\$ 11.40
060110	Diaphragm Seal, CBRN	\$ 21.70
060111	centerplate, RDV	\$ 36.10
060112	Front Plate, CDV	\$ 5.20
060113	Collar, CDV, Electronic	\$ 15.50
060116	Shield, CDV	\$ 11.40
060117	Back Plate, CDV	\$ 6.20
060118	Bypass, Large CDV	\$ 11.40
060121	Catch, CDV	\$ 6.20
060122	Over Button, CDV	\$ 4.20
060125	Speech Diaphragm, CDV	\$ 16.60
060128	Plate, Retaining, DEV , Z	\$ 6.30
060129	Handnut, Din 40, CDV	\$ 16.50
060133	Backplate, RDV, Z	\$ 14.50
061030	Plate, Cover, Reducer, E/F	\$ 6.20
061037	Cap,Reducer	\$ 38.20
061039	Piston Assembly,Reducer	\$ 32.00
061041	Inlet,HP	\$ 21.70
061044	Plug,Seal,HP,Outlet	\$ 6.30
061045	Valve,Check,Bleed	\$ 3.10
061046	Spring,Outer,Red	\$ 6.20
061047	Spring,Inner,Red	\$ 6.20
061051	Body,Regulator,ARAP	\$ 90.70
061052	Cap,Reuiator,Escape	\$ 43.30
061053	Spindle,Regulator,Escape	\$ 16.50
061054	Barb,RestRICtor,EEBA	\$ 32.00
061055	Knob,Regulator,Escape	\$ 11.40
061056	Cap,Charging,Regulator,Esc	\$ 6.20
061057	Body,Charging,Regulator,Escape	\$ 38.20
061058	Slug,Charging,Escape	\$ 11.40
061059	Piston Assembly	\$ 26.80
061064	Body, Reducer	\$ 239.00
061065	Cap, Reducer	\$ 53.60
061066	CGAConnector, Reducer, 346	\$ 58.80
061067	CGAConnector, Reducer, 347	\$ 58.80
061069	CGAHandwheel, Overmolded, Blk	\$ 11.40
061070	CGAHandwheel, Overmolded Red	\$ 11.40
061071	Plate, U-Clip Retainer	\$ 6.20
061072	Screw, Adjustment, PRV	\$ 11.40
061073	Handwheel, Cga, Reducer 246	\$ 53.60
061074	Handwheel, Cga, Reducer 347	\$ 53.60
061075	Valve Body, RIC	\$ 90.70
061076	Piston, RIC	\$ 16.50
061077	Thrust Pad, Valve Body, RIC	\$ 11.40
061078	Adjusting Plug, Valve Body RIC	\$ 11.40
061079	Non-Return Valve, RIC	\$ 6.20
061080	Reducer Cap Band	\$ 6.20

Product	Description	2016 Price List (USD)
061096	Body, Reducer, Non-RIC, Brass	\$ 231.80
061097	Body Reducer Non-RIC Aluminum	\$ 197.80
061098	Reducer Body, 3 Port, RIC	\$ 397.70
061099	Body, Reducer, RIC Port, Alum	\$ 344.20
061100	Reducer Cap Brass	\$ 39.20
061102	Body,Regulator,ARAP w/PRV,Euro	\$ 179.40
061104	Body,Charging,Escape,Din300Bar	\$ 127.80
061105	Cap, Regulator, Escape	\$ 34.00
061106	Body, Reducer, 6Port, Circular	\$ 257.60
061107	Cover, Reducer, 6 Port, Circul	\$ 6.20
061124	Cap,Reg,Esc,Brass,Blk Nkl Pltd	\$ 58.80
061131	Cover, Reducer	\$ 6.20
061134	Cylinder QC,4500,SCBA	\$ 820.10
061136	Boot,Cyl,Quick Connect,Red	\$ 24.80
061138	QC Cyl Refill Adapter, Deltair	\$ 74.20
062006	Hose Assembly, RIC Handwheel	\$ 101.00
062007	Hose Assembly	\$ 101.00
062010	Hose Assembly, Gauge Only	\$ 112.40
062015	Handle/Plug,Buddy Breather	\$ 21.70
062019	Manifold, Al	\$ 90.70
062024	Hose Assembly, Tactile	\$ 85.60
062034	Manifold,BB	\$ 32.00
062036	Filter,Flanged Cone,Handwheel	\$ 1.00
062039	Elbow,Handwheel,Machined	\$ 43.30
062040	Handwheel,Cga-346	\$ 38.20
062041	Handwheel,Cga-347	\$ 80.40
062044	Body,Activator,Duo PASS 2	\$ 101.00
062046	Plate,Spring,Activator,Duo Pas	\$ 21.70
062053	Hose Assembly, HP, LCBA	\$ 122.60
062060	Manifold, RIC	\$ 144.20
062063	Elbow, RIC Charging Hose	\$ 105.00
062067	Dust Cap, Male	\$ 48.50
062068	Dust Cap, Aeroquip Fd17,Female	\$ 32.00
062069	Handwheel, Euro, Din	\$ 63.90
062071	Handwheel, Din, Red, Frontier	\$ 127.80
062072	Connector,Din,Univ. Pressure	\$ 122.60
062073	Handwheel, Din, Frontier Black	\$ 127.80
062087	Handwheel, Euro, Alantair	\$ 100.00
062091	Hose Assembly,Reamed, Gauge	\$ 139.20
062099	Hose Assembly, Console, Z7	\$ 106.20
062112	Handwheel Insert, Black, Z7X	\$ 36.40
062113	Handwheel Insert, Red, Z7X	\$ 36.40
062114	Handwheel Cover, Z7 XTreme	\$ 36.10
063003	Flap,Exhale Valve	\$ 42.00
063008	Flap, Inhale, Nosecup, CDV	\$ 6.20
063011	Flap, Check, CENterplate, CDV	\$ 6.20
063014	Flap, Inhale, Nosecup, Z	\$ 6.20
066001	RestRICtor, Press-In Dia.0048	\$ 33.00

Product	Description	2016 Price List (USD)
069006	Stud, Facemask Holder	\$ 16.60
069012	Handle, Vision3	\$ 196.80
069021	Bypass Cover, Air Supp Reg	\$ 6.20
069032	Casing, Back Mold	\$ 361.60
069035	Bracket, Mounting, Duo PASS 2	\$ 112.40
069069	Hood, Fire, Protective, Black	\$ 112.40
069075	Cover, Housing, Thumbwheel Int	\$ 26.80
069095	Echotracer Exit Beacon	\$ 856.30
069096	Echotracer Aux Beacon	\$ 856.30
069099	Camera Battery Assy, nVision	\$ 367.00
071005	Skirt, Med, Neoprene	\$ 90.70
071006	Skirt, Med, Sil	\$ 51.80
071007	Flap, Inhale Valve	\$ 1.00
071008	Retainer, Valve Flap	\$ 1.00
071009	Anchor, Harness Upper	\$ 2.10
071012	Head Harness Rubber	\$ 75.20
071014	Skirt, Sm., Neoprene	\$ 80.40
071015	Skirt, Sm., Silicone	\$ 75.10
071016	Skirt, Lrg., Neoprene	\$ 106.20
071017	Skirt, Lrg., Silicone	\$ 69.10
071018	D-Ring, Facemask Holder	\$ 6.20
071021	Visor, Coated, Sc	\$ 81.20
071022	Visor, Coated, Dc	\$ 75.20
071023	Overlay, Protective, SC Visor	\$ 21.70
071024	Visorguard, SC Visor	\$ 6.20
071025	Guard, Dev, Facepiece	\$ 6.20
071032	Visor, Anti-Fog, SC	\$ 48.50
071033	Plate, Base, FTA, Machined	\$ 58.80
071035	Frame, Buckle	\$ 6.20
071036	Roller Loop, Buckle	\$ 10.00
071037	Inlet, EEBA Hood, Drilled	\$ 26.80
071038	Deflector, Hood, EEBA	\$ 6.20
071045	Hood, EEBA, PVC	\$ 38.20
071046	Hood, EEBA, Pu	\$ 32.00
071049	Strap, Net Harness, Rubber	\$ 11.40
071050	Tab, Head Harness	\$ 6.20
071053	Tab, Upper	\$ 21.70
071057	Cover, Exhale, North	\$ 11.40
071058	Gasket, CDV	\$ 58.80
071059	Lens, North	\$ 102.00
071060	Visor, Coated	\$ 123.20
071084	Nut, Retaining (QC Socket)	\$ 6.20
071087	Nose Cup w/Holes, Hood	\$ 80.40
071090	Hood S.A., PVC, Rigid Lens, S/M	\$ 207.20
071105	Support Disc, Exhale	\$ 12.40
071106	Stem, Exhale	\$ 6.70
071111	Nosecup, Facemask, Petite	\$ 34.50
071112	Plate, Nosecup, Hood	\$ 6.20

Product	Description	2016 Price List (USD)
071113	Overlay, Protective, North	\$ 26.80
071114	Overlay, Protective, AiRHood	\$ 2.00
071118	Nosecup, Butyl, CBRN	\$ 75.20
071119	Faceseal, Butyl, Small	\$ 132.00
071120	Faceseal, Butyl, Med	\$ 101.00
071121	Faceseal, Buyl, Large	\$ 133.00
071122	Retainer, Filter Mask	\$ 25.80
071239	Faceseal, Butyl, Small 2013	\$ 101.50
071240	Faceseal, Butyl, Medium 2013	\$ 121.60
071241	Faceseal, Butyl, Large 2013	\$ 109.20
072005	Plug, Hole .500	\$ 2.10
072012	Vinyl Cap, 1/8"	\$ 2.00
072019	Dust Cap, Charging Connector	\$ 6.20
072022	4-Pin Cap Anodized	\$ 38.20
072024	Plug, Blank, CDV	\$ 3.10
072026	Cap, 3/8 Id, Fr Vinyl	\$ 1.00
072028	Cap, Vinyl, Ht, 1/4"IDX 1/2"	\$ 1.00
072029	Grommet, Vibration Mount	\$ 6.20
072036	Cap, Dust, 300 Bar Char.Adapt.	\$ 2.30
072039	Boot, Console	\$ 23.80
072044	Cap, TEAMS Connector	\$ 8.30
072046	Cover, Gong	\$ 4.20
074010	Removal Tool Battery Pack	\$ 21.70
080003	Battery,AA,1.5V	\$ 2.30
080018	Battery,Rechargeable,6V	\$ 149.40
080022	Battery Pack,Hi Cap,Nicad1.8Ah	\$ 334.80
080023	Battery Pack,Hi Cap,Nimh 2.2Ah	\$ 340.00
080025	Charger,Battery,Mc1A,Bp2/Bp8S	\$ 372.00
080026	Adapter,Male Bnc/Male Bnc,VISI	\$ 11.40
080027	Wire,Connecting,Bnc/Bnc,3 Ft.	\$ 138.10
080028	Cable, 6', Video Link	\$ 6.20
080030	Charger,Vision 3	\$ 234.00
080037	Receiver, Power Supply, 9Vdc	\$ 85.60
080038	Battery, Rechargeable	\$ 223.60
080045	Battery,9V Alkaline	\$ 6.20
080048	Charger,Base,Vision3	\$ 186.60
080050	AC/DC Adapter	\$ 16.50
080094	Plug, 7 Pole Charging	\$ 123.20
080102	Clamp 7 Pole Charging Seal	\$ 32.00
080109	Battery, C, 1.5V	\$ 3.10
080110	Battery, C, Nimh	\$ 21.70
080124	Battery Chgr, Nimh 4.8V cell	\$ 210.00
080129	Battery Chgr,Nimh 4.8V UK Cord	\$ 240.00
080130	Battery Chgr,Nimh 4.8V EU Cord	\$ 240.00
084006	Manual, Viking User's	\$ 15.50
084007	Manual,Users,Vanguard	\$ 15.50
084016	Manual,Users,ARAP/E	\$ 15.50
084018	Manual,Users,ARAP-C	\$ 15.50

Product	Description	2016 Price List (USD)
084020	Users Inst,Viking w/Digital In	\$ 15.50
084025	Manual, Viking Maintenance	\$ 25.90
084026	Manual,Users,Mag w/ VK DEV	\$ 15.50
084030	Manual,Users,EEBA	\$ 15.50
084032	Users Manual,Viking,Spanish	\$ 15.50
084052	Video, Viking Donning & Doffin	\$ 15.60
084054	Viking Users Manual, French	\$ 15.50
084062	Manual, User's Instructions	\$ 15.50
084071	Manual, Rescuer RIT Bag	\$ 15.50
084072	Manual, Maintenance, Frontier	\$ 25.80
084073	Manual, Viking ST	\$ 15.50
084074	Insert, Viking ST NIOSH Matrix	\$ 5.20
084078	EEBA Spanish Users Manual	\$ 15.50
084094	ARAP/E Maintenance Manual	\$ 25.90
084110	Manual, TEAMS Command center	\$ 15.50
084112	Manual Users Frontier North	\$ 15.60
084126	Manual, Users, VKZ7	\$ 15.50
084135	Manual, Maintenance, ISI VKZ7	\$ 15.50
084137	Z Seven Quick Startup Guide	\$ 15.50
084141	Manual, ST53 User's, Us	\$ 15.50
084149	Maual, Users, ISI Echo Tracer	\$ 15.50
089001	Headform Test Kit	\$ 5,544.70
089003	Posicheck 3,Floppy Disk	\$ 892.20
089015	Spanner Wrench	\$ 165.00
089022	Adapter, Flow Go, CDV	\$ 69.10
089025	Installation Tool Cyl. Valve	\$ 293.60
089026	Inventory Control System VS1	\$ 717.10
089032	Mannequin Head II w/Breath Pip	\$ 2,388.10
089034	Flow Indicator, PAPR	\$ 85.60
091023	Cover, Vented, DEV	\$ 19.60
091024	Clip, Hose Support, DEV	\$ 8.30
091025	Knob, 5-Notches, DEV	\$ 12.40
092006	Bumper, Cylinder Valve, EXTend	\$ 6.20
092007	Handwheel,Cyl Val Blk Modified	\$ 16.50
092008	Handwheel,Cyl Val Red Modified	\$ 69.10
092011	Handwheel,Cyl Valve,Ratcheting	\$ 7.30
099001	Housing,Backframe	\$ 154.60
099002	Cover,Backframe,Machined	\$ 69.10
099004	Pad,Cylinder,Backframe	\$ 11.40
099005	Cover,Battery,Backframe	\$ 16.60
099007	Bracket,Cradle,S-Frame	\$ 32.00
099008	Cradle,S-Frame	\$ 11.40
099009	Bracket,Cyl. Band	\$ 11.40
099010	Spoon,Backframe	\$ 48.50
099011	Base, Buckle, Cam	\$ 6.70
099012	Lever, Buckle, Cam	\$ 3.50
099013	Button,Release,Buckle,BFH	\$ 7.10
099014	Base, Latch, Cyl Band	\$ 12.20

Product	Description	2016 Price List (USD)
099015	Lever, Latch, Cylinder Band	\$ 18.30
099016	Pin, Sidearm	\$ 11.40
099017	Cover, Backframe, Molded	\$ 48.50
099019	Cap, Backframe, V/V	\$ 32.00
099022	Screw, Spoon, 5/16-24X5/8	\$ 2.10
099026	Grommet, Buddy Breather	\$ 16.50
099030	Backframe, Molded, LCBA	\$ 58.80
099031	Pad, Cylinder, Stop	\$ 3.10
099038	Plate, Shoulder Strap	\$ 26.00
099040	Fork, Hawk	\$ 63.90
099041	Sleeve, Fork, Hawk	\$ 11.40
099053	Housing, Backframe	\$ 343.10
099055	Pad, Cylinder, Backframe	\$ 13.40
099060	Spoon, Backframe Housing	\$ 45.40
099062	Bar, Clip, Console	\$ 8.30
110001	Carry Case	\$ 150.00
110003	Case Assy, Carrying, Facemask	\$ 63.90
110004	Case Assy, Carrying, EEBA, 5Min	\$ 159.80
110005	Case Assy, Carrying, EEBA, 10Min	\$ 187.50
110006	Kit, Wall Mount, EEBA 10 Case	\$ 63.90
110007	Case Assy Carrying ARAPe 5,10	\$ 154.60
110008	Frontier Case Assembly	\$ 159.80
110009	Case Assembly, CEEBA 5	\$ 159.80
110010	Case Assembly, CEEBA 10	\$ 188.40
118001	Kit, QC Hose	\$ 181.40
124001	Cylinder Assy, 2216PSI, 30Min, CW	\$ 1,004.90
124002	Cyl HP 30 Min Carbon	\$ 1,004.90
124003	Cyl HP 45 Min Carbon	\$ 1,304.30
124004	Cyl HP 60 Min Carbon	\$ 1,446.40
124019	Cyl&Valve, 10 Min, North	\$ 1,141.60
124021	Cyl/Reg Assembly, A/E, 5Min, Kev	\$ 1,024.10
124022	Cyl/Reg Assembly, A/E, 10Min, Kev	\$ 1,178.60
124023	Cyl/Reg Assembly, A/E, 15Min, Kev	\$ 1,517.50
124024	Cyl/Reg/Harness Assy, EEBA, 5Min	\$ 722.30
124025	Cyl/Reg/Harn Assy, EEBA, 10 Min	\$ 833.50
124027	Cyl Assy, 30 Min 4500 Hw GI ST	\$ 782.10
124031	Reg/Cyl Assembly, CEEBA 5	\$ 728.50
124032	Reg/Cyl Assembly, CEEBA 10	\$ 810.90
124034	Cyl Assembly, 200 Bar	\$ 1,220.80
125002	Cable Assembly, Molded, ISISS	\$ 133.00
125004	Alarm Cable Assembly	\$ 80.40
125005	Pressure Trans Cable Assembly	\$ 353.20
125006	Molded Cable Assy, Radio, Int	\$ 144.20
125010	Assembly, LCD, 2.5	\$ 356.50
125016	Battery Pack Assembly	\$ 133.00
125021	Cable Assembly, Molded, GWC	\$ 181.40
125032	Pc Board/Cable Assy, Mask, 1Led	\$ 122.60
125037	Console Jack Cable Assy, DX	\$ 69.70

Product	Description	2016 Price List (USD)
125038	Console Jack Cable Assembly	\$ 144.20
125039	Console Jack Cable Assy, SMT	\$ 108.60
125042	Black Box & Console W PASS,VAS	\$ 1,591.70
125065	Console PCB Assy,Trim & Coated	\$ 605.90
125067	Lower Console Cable Assembly	\$ 292.60
125068	Upper Console Cable Assembly	\$ 234.00
125069	Cable, Digital Posicheck Test	\$ 83.00
125072	BBX w/VAS, PASS	\$ 1,411.50
125076	Black Box w/ PASS, VAS,Com,Vox	\$ 1,523.70
125077	Black Box w/ VAS	\$ 1,279.60
125081	Black Box w/ VAS, Com/Vox	\$ 1,353.80
125085	Power Supply Assy, Charging	\$ 478.10
125086	Pressure Trnasducer Cable SMT	\$ 239.00
125095	Blk Box w/VAS, PASS w/O Piezo	\$ 1,337.30
125096	Blk Box VAS,Comm,Vox w/O Piezo	\$ 1,422.80
125097	Cable, BlkBx Console,DX w/VAS	\$ 38.80
125104	Cable And Clamp Assembly	\$ 163.60
125108	Blk Box Assy w/VAS, 2216 PSig	\$ 1,167.30
125109	Blk Box Assy w/VAS, 4500 PSig	\$ 1,167.30
125110	Blk Bx Assy, HUD, 2216 PSig	\$ 1,210.60
125111	Blk Box Assy, HUD, PSig 4500	\$ 1,210.60
125113	Pc Board Assembly, SMT, VK DXL	\$ 303.00
125114	Display Assembly, ST	\$ 284.20
125118	Mask Board Assembly Right Side	\$ 260.70
125122	Radio Cable Assembly, SMT	\$ 123.20
125123	Battery Pack Assembly	\$ 133.00
125124	Blk Bx & Console, TEAMS	\$ 3,811.80
125125	Blk Bx & Console TEAMS w/Comm	\$ 3,914.90
125132	BBX, SMT w/VAS, PASS	\$ 1,369.20
125136	BBX, SMT w/PASS, VAS, Comm,Vox	\$ 1,480.50
125137	BBX, SMT w/VAS	\$ 1,242.50
125143	Lower Console Cable Mold, SMT	\$ 196.80
125144	Upper Console Cable, Mold, SMT	\$ 188.80
125145	Alarm Cable Assembly, SMT	\$ 69.10
125146	BBX, VAS, Comm, Vox, St, SMT	\$ 978.80
125147	BBX, VAS, St, SMT	\$ 839.70
125150	Cable Assy Remote LCD EXT 10'	\$ 483.20
125151	TEAMS Radio Tee Assembly	\$ 170.00
125152	TEAMS Thumbwheel Molded Backfr	\$ 156.60
125153	Cable Assy, Upper Thumbwheel	\$ 181.40
125156	Thumbwheel Assembly	\$ 451.30
125157	SMT Console Assy, Dig,VK,TEAMS	\$ 983.90
125158	TEAMS, Battery Pack Assembly	\$ 435.80
125159	Repeater Assembly, TEAMS	\$ 1,544.30
125160	Command center Assembly, TEAMS	\$ 3,061.80
125161	Console Cover Assembly, TEAMS	\$ 159.80
125163	NFPA Console Assembly, Z7	\$ 1,486.80
125164	NFPA Console Assy, Z7 w/PASS	\$ 2,181.00

Product	Description	2016 Price List (USD)
125165	NFPA Console Assy, Z7 w/Radio	\$ 1,561.30
125166	NFPA Console Assy Z7 PASSRadio	\$ 2,228.40
125170	Console Assembly, Z3100	\$ 1,751.40
125171	Console Assembly, Z3100, PASS	\$ 1,802.90
125172	Console Assembly, Z3100, Radio	\$ 1,802.90
125173	Console Assy,Z3100,PASS,Radio	\$ 1,854.40
125197	Battery Pack Assembly, VK	\$ 132.00
125204	TEAMS Assembly, Z7	\$ 1,576.30
125205	Console Front Assembly, PASS	\$ 441.00
125208	Console Rear Assy, Non-Radio	\$ 106.20
125216	Guardian, Assembly	\$ 540.00
125217	C cell Retrofit Cable, Z7 Cons	\$ 164.80
125221	Battery Pack Assembly, C cell	\$ 133.00
125222	C cell Retrofit Kit	\$ 345.20
125223	ISI Echo Tracer Kit	\$ 986.30
125226	C cell Retrofit Kit	\$ 366.40
125227	ISI Echo Tracer Kit	\$ 986.30
125228	Serial Adapter Assembly	\$ 517.50
125233	Battery Holder Assembly	\$ 340.00
125251	Battery Pack Assembly, Deltair	\$ 187.60
125256	HUD Assembly, Deltair	\$ 220.60
133002	Case, Cartridge, P100, Multiga	\$ 421.40
133003	PAPR With Intergrated CDV	\$ 2,906.10
133005	STPAPR	\$ 2,588.30
135001	Bell Assembly, 2216	\$ 435.80
135002	Bell Assembly, 4500	\$ 435.80
135003	Tactile Assembly, 2216	\$ 350.30
135004	Tactile Assembly, 4500	\$ 350.30
135012	Pressure Gauge Assembly, 2216	\$ 234.00
135013	Pressure Gauge Assembly, 4500	\$ 234.00
135017	Gauge Alarm	\$ 499.70
135018	Gauge/Alarm Assembly,4500	\$ 499.70
135019	Pneumatic Assembly, RIT Bag	\$ 1,141.60
135020	Whistle Assembly, LCBA, 2216	\$ 636.70
135021	Whistle Assembly, LCBA, 4500	\$ 636.70
135022	Piston Assembly, 2216	\$ 53.60
135023	Piston Assembly, 4500	\$ 53.60
135024	Whistle/Gauge/Hose Assy, Euro	\$ 636.70
135029	Whistle Assembly, Z3000, 2216	\$ 589.30
135030	Whistle Assembly, Z3000, 4500	\$ 636.70
135031	Whistle, Gauge, & Hose, CE	\$ 642.90
135032	Whistle Assy,Sht Dur,SCBA,Bar	\$ 605.90
135033	Bell Assembly, 2216	\$ 435.80
135034	Bell Assembly, 4500	\$ 435.80
135036	Whistle,Gauge,Hose,ST53,300Bar	\$ 764.50
135038	Gauge Assembly,2216PSI,24"	\$ 229.80
135039	Gauge Assembly,4500PSI,24"	\$ 229.80
135040	Bell Assembly,2216,Deltair	\$ 366.80

Product	Description	2016 Price List (USD)
135041	Bell Assembly,4500,Deltair	\$ 363.70
136001	Spectacle Kit	\$ 120.00
136003	Spectacle Kit, Z	\$ 120.00
137001	Handwheel Assembly, Spare	\$ 53.60
138001	Nomex Net Head Harness	\$ 156.30
138002	Harness Assy,Net,Nomex,Medium	\$ 106.20
138003	Nylon Head Harness	\$ 63.90
138004	Harness Assy,Net,Nylon,Medium	\$ 53.60
138006	Harness Assy, Shoulder, Kev	\$ 155.30
138007	Harness Assembly, R, VG	\$ 53.60
138008	Harness Assy, Shoulder, L, VG	\$ 53.60
138009	Harness Assembly,Waist,R,Kev	\$ 52.80
138010	Harness Assembly,Waist,L,Kev	\$ 69.00
138011	Harness Assy, Waist, Right, VG	\$ 16.50
138012	Harness Assy, Waist, Left, VG	\$ 21.70
138013	Cylinder Band Assembly,VK	\$ 82.20
138020	Belt Loop, VG	\$ 6.20
138025	Chest Strap Assembly	\$ 46.70
138026	Neckstrap,Lanyard	\$ 90.70
138027	Side Straps,Vision	\$ 43.30
138028	Harness, Waistbelt EXT., Kev	\$ 58.80
138029	Harness, Waistbelt EXT.,Nylon	\$ 16.50
138031	Lumbar Pad, Nylon	\$ 101.00
138033	Lower Strap, Nyl Head Harness	\$ 10.30
138034	Adj.Strap Assy,Shoulder,Kevlar	\$ 81.70
138035	Wriststrap Assembly,Vision3	\$ 21.70
138036	Sidestrap,Assembly,Vision3	\$ 32.00
138037	Neckstrap Assembly,Vision3	\$ 75.20
138041	Cylinder Band Assembly,MG+	\$ 75.20
138042	Sleeve,DV Hose,SolidState	\$ 32.50
138046	Waist Belt Assembly,ARAP,Nyl	\$ 53.60
138047	Waist Belt Assembly,ARAP,Kev	\$ 149.40
138048	Nylon Harness, North ARAP C	\$ 138.10
138049	Kevlar Harness, North ARAP C	\$ 314.80
138050	Bag Assy,Cyl,ARAP/E,5 Min,Nyl	\$ 58.80
138051	Cyl Bag Assy,ARAP/E,10Min,Nyl	\$ 63.90
138052	Cyl Bag Assy,ARAP/E,15Min,Nyl	\$ 69.10
138053	Cyl Bag Assy,ARAP/E,5Min,Kev	\$ 119.30
138054	Cyl Bag Assy,ARAP/E,10Min,Kev	\$ 134.90
138055	Cyl Bag Assy,ARAP/E,15Min,Kev	\$ 140.20
138056	Shoulder Strap Assy,ARAP,Kev	\$ 140.20
138057	Bag,EEBA,5 Min	\$ 101.00
138058	Cylinder Bag Assy,EEBA,10Min	\$ 117.50
138060	Side Strap Assembly,Right	\$ 102.00
138061	Side Strap Assembly, Left	\$ 102.00
138062	Head Harness Rubber Kit	\$ 133.00
138063	Neck Strap, VK FM	\$ 37.00
138064	Neck Strap, Vn FM	\$ 16.00

Product	Description	2016 Price List (USD)
138066	Cylinder Strap, LCBA, Nylon	\$ 69.10
138067	Shoulder Strap, Upper, LCBA, N	\$ 53.60
138068	Shoulder Strap, Lower, LCBA, N	\$ 21.70
138069	Waist Strap, LCBA, Nylon	\$ 38.20
138078	Cylinder Strap, LCBA Kevlar	\$ 106.20
138079	Shoulder Strap, Upper LCBA Kev	\$ 80.40
138080	Strap, Shoulder Lower, LCBA Kev	\$ 53.60
138081	Strap, Waist, LCBA, Kevlar	\$ 112.40
138082	Cyl Bag VK ST 60 Min Carbon	\$ 184.70
138084	Snap Hook, Facemask, Retro Fit	\$ 43.30
138085	Strap Hose, Nylon	\$ 16.50
138086	Strap, Hose, Kevlar	\$ 21.70
138087	Shoulder Harn, Assy, Kev, Snap Hk	\$ 161.90
138088	Cyl Bag Vik ST 30 Min LP Hw	\$ 172.60
138089	Cyl Bag VK ST 30 Min Alm	\$ 172.60
138090	Cyl Bag VK ST 30 Min LP Carbon	\$ 172.60
138091	Cyl Bag VK ST 30 Min LP Hw	\$ 172.60
138092	Cyl Bag VK ST 30 Min HP Carbon	\$ 172.60
138093	Cyl Bag VK ST 45 Min Carbon	\$ 172.60
138094	Adjusting Strap, Nylon	\$ 43.30
138096	Harness Assy, Waist, Right Nyl	\$ 16.50
138097	Harness Assy, Waist, Left, Nyl	\$ 16.50
138098	Adjusting Strap, Kevlar, VK St	\$ 69.10
138100	Harness Assy Waist Right, Kevl	\$ 43.30
138101	Harness Assy, Waist, Left, Kev	\$ 43.30
138103	Shoulder Harness Snap Hook Kev	\$ 167.30
138104	Shoulder Harness Snaphook Nyl	\$ 124.40
138105	Harness Assy Shoulder Kevlar	\$ 151.60
138106	Harness Assy Shoulder Nylon	\$ 119.30
138108	Lumbar Pad, Kevlar ST	\$ 149.20
138117	Bag Assembly, Rit, Nylon Red	\$ 450.00
138124	Cylinder Bag Assembly, CEEBA 5	\$ 51.10
138127	Sleeve, VK ST	\$ 43.90
138128	Cap, Cylinder, VK ST	\$ 54.40
138132	Cyl Bag VK ST 60 Min Carbon	\$ 167.30
138133	Cyl Bag VK ST 30 Min LP Hw	\$ 167.30
138134	Cyl Bag VK ST 30 Min LP Alm	\$ 167.30
138135	Cyl Bag VK ST 30 Min LP Carbon	\$ 167.30
138136	Cyl Bag VK ST 30 Min HP Hw	\$ 167.30
138137	Cyl Bag VK ST 30 Min HP Carbon	\$ 167.30
138138	Cyl Bag VK ST 45 Min Carbon	\$ 167.30
138139	Side Strap, Camera 2500	\$ 14.50
138152	Retractable Lanyard. Kit	\$ 144.20
138168	Chest Strap Assembly, Z3000	\$ 48.50
138169	Lumbar Pad Assembly, Z3000	\$ 133.00
138170	Shoulder Strap, ST53	\$ 63.90
138171	Adjusting Strap, Z3000	\$ 32.00
138172	Harness Assy, Waist, L, Kev, Z3000	\$ 38.20

Product	Description	2016 Price List (USD)
138173	Harness Assy,Waist,R,Kev,Z3000	\$ 38.20
138175	Cylinder Strap, Z3000, Kevlar	\$ 38.20
138177	Cylinder Band Assembly, Z7	\$ 63.90
138178	Sleeve, Console Cable, Z7	\$ 12.20
138179	RDV Holder	\$ 34.50
138180	Shoulder Harn Assy,Kev,Sh,Z7	\$ 159.80
138181	Shoulder Harn Assy, Kev, Z7	\$ 133.00
138184	Carrying Handle, Z7	\$ 43.30
138188	ST53,Euro Cyl Valve Sleeve	\$ 26.80
138189	Carry Handle Kit	\$ 63.90
138190	Waistbelt, R, ST53	\$ 32.00
138191	Waistbelt, L, ST53	\$ 32.00
138192	Facemask Bag, ST53	\$ 16.50
138193	Pouch, EAS	\$ 61.80
138194	Sleeve, Z7 Conosle Hose/Cable	\$ 26.80
138199	Sleeve, PAPR Breathing Tube	\$ 45.40
138207	Harness Assy,Shoulder,L,Z7Plus	\$ 114.00
138208	Harness Assy,Shoulder,R,Z7Plus	\$ 96.20
138214	Adj.Strap Assy,Shoulder,Z7Plus	\$ 51.60
138215	Latch Assembly,Truck Mount	\$ 265.80
138223	Cylinder Attachment Strap Kit	\$ 45.00
138228	DEV Sleeve, Deltair	\$ 13.60
139001	Hose Assembly,Reducer,QC	\$ 143.10
139002	Hose Assembly,DEV ,QC	\$ 92.10
139004	QC Hose Assy,MG+ w/VK FP/DEV	\$ 129.70
139006	Hose,Cable & Sleeve Asy,ISISS	\$ 247.90
139007	GWC Hose, Cable & Sleeve Assy	\$ 305.90
139010	QC Hose Assembly ARAP	\$ 134.90
139011	Pneumatics Assembly,ARAP E	\$ 295.50
139012	Pneumatics Assembly,ARAP C	\$ 134.90
139013	MG Rectus Conv Kit	\$ 154.60
139014	Cable Assembly, Buddy Breather	\$ 32.00
139015	BB Cable/ Spacer Block Assy	\$ 53.60
139016	Hose/Handwheel Assy, LP, 2216	\$ 207.20
139017	Hose/Handwheel Assy,HP,4500	\$ 260.70
139019	EAS (Escape Air System Assy)	\$ 318.40
139021	Hose Assembly, AI/BB	\$ 133.60
139028	Foster Brass Pigtail	\$ 117.50
139035	Hose Assembly, RIT Bag	\$ 102.50
139036	Hose Assembly, CDV w/O Bypass	\$ 92.10
139037	CDV Hose Assy w/Bypass LCSCBA	\$ 97.20
139039	Airline Hose Assembly, LCBA	\$ 272.00
139040	Hose, Handwheel, RIC Assy 2216	\$ 998.40
139041	Hose Handwheel , RIC Assy 4500	\$ 998.40
139045	Hose/Handwheel Assembly, HP ST	\$ 212.20
139048	HP, Hose/Handwheel Assy Euro	\$ 324.60
139052	Spoon Sleeve, Viking Outback	\$ 48.50
139054	Hose, Supply, Rectus, 25'	\$ 284.40

Product	Description	2016 Price List (USD)
139055	Hose, Supply, Rectus, 50'	\$ 366.80
139056	Hose, Supply, Rectus 100'	\$ 532.70
139059	6' Rectus Airline	\$ 244.20
139060	Hose Assembly, 6Ft Hansen 2RI	\$ 170.00
139061	Hose Assembly, 25Ft Hansen 2RI	\$ 207.20
139062	Hose Assembly, 50Ft Hansen 2RI	\$ 340.00
139063	Hose Assy, 100Ft Hansen 2RI	\$ 562.50
139064	Hose Assy, 200Ft Hansen 2RI	\$ 961.20
139065	Hose Assy, 300 Ft Hansen 2RI	\$ 1,263.10
139071	Reducer, QC Hose Assembly, Z7	\$ 208.10
139076	EAS-XT Tether	\$ 225.80
139084	Hose/Handwh/RIC Assy,2216,Ovmd	\$ 754.10
139085	Hose/Handwh/RIC Assy,4500,Ovmd	\$ 769.70
139090	Hose Assembly, Reducer-Ep Conn	\$ 253.90
139091	Electro-Pneumatic Hose Assy	\$ 1,050.80
139093	Ep Conn Assembly, Mask Side	\$ 189.30
139096	Hose/QC/RIC Assy, 4500 Deltair	\$ 2,004.80
139098	EAS, External, Deltair	\$ 500.00
145018	Cable Assembly Transmitter	\$ 53.60
145027	Assembly, Combo Cord w/Label	\$ 267.10
145034	Charger, External, ISI 2500	\$ 656.40
145035	Charger, Internal, ISI 2500	\$ 597.40
145048	Deflector,TIC Mount	\$ 127.80
145069	Truck Mount Assembly, Nvision	\$ 960.00
145151	Handle Assembly., 2500/3500	\$ 204.00
160002	Lever/Speech Diaphragm Assy	\$ 63.90
160006	DEV Assembly,Digital,VK/VG2	\$ 2,313.90
160007	DEV Assembly,GWC,VK/VG2	\$ 1,003.50
160008	Body, Valve, DEV , Mach.#2	\$ 53.60
160011	Base Plate/Bearing Assembly	\$ 48.50
160013	Cover,DEV ,Notched	\$ 23.30
160015	Base Plate/Bearings, Potted	\$ 95.80
160016	Body,Valve,A/C,Machine #2	\$ 69.10
160018	Pilot Lever Assembly, Plated	\$ 27.90
160019	Pilot Lever Assembly, w/Screw,	\$ 43.30
160020	DEV Assembly,Pneu,Vn2/ARAP E	\$ 648.10
160021	DEV Assembly,Pneu,ARAPc	\$ 685.10
160022	DEV Assembly,GWC,Vn2/ARAPe	\$ 1,019.00
160023	DEV Assembly,GWC,ARAPc	\$ 1,019.00
160025	DEV ,Digital,w/Mic	\$ 1,008.60
160030	DEV Assembly, Pneu, Am Tech	\$ 336.50
160035	CDV Assy w/Bypass,QC Hose LCBA	\$ 626.50
160037	CDV Assembly w/O Bypass, LCBA	\$ 397.50
160038	CDV Assembly w/Bypass	\$ 472.40
160045	Slide,Painted	\$ 16.50
160047	DEV Viking ST	\$ 795.20
160048	Slide, DEV , Painted, ST	\$ 16.50
160050	DEV Guard Kit	\$ 26.80

Product	Description	2016 Price List (USD)
160054	DEV Kit Assembly	\$ 683.30
160057	Body, CDV, Plastic w/Jet	\$ 39.20
160058	Body, CDV Plastic, w/Jet Bypas	\$ 48.50
160062	Lever, CDV, Polished	\$ 11.40
160072	CDV Assy, First Breath w/Bypas	\$ 448.30
160074	CDV Cover Subassy, Fb Spare	\$ 69.10
160075	Diaphragm/Cup SubAssy FB Spare	\$ 69.10
160076	DEV , Assembly, VK CBRN	\$ 838.60
160079	DEV Assembly, VK ST CBRN	\$ 854.10
160081	DEV Asy Pneumatic, China	\$ 560.20
160088	QC Collar, RDV, Electronic, VK	\$ 135.90
160091	RDV Assembly, Electronic, VK	\$ 592.30
160108	RDV Kit Assy, Non-Elect, Z3000	\$ 432.80
160109	DEV Assembly, Butyl, Z	\$ 783.80
160113	RDV Assembly, Non-Elect, Z	\$ 380.80
160114	RDV Assembly, Electronic, Z	\$ 656.70
160116	CDV Assy,Din40 Handnut,w/O Byp	\$ 305.90
160117	CDV Assy,Din 40,Handnut,ST53Fr	\$ 386.00
160118	CDV Assy,Din40,Handnut,ST53,VK	\$ 380.80
160119	CDV Din40 Handnut FB ST53 SD	\$ 605.90
160120	CDV Assembly Din 40 FB ST53 Fr	\$ 614.00
160121	CDV Assembly,Din 40,FB,ST53,VK	\$ 587.10
160126	PAPR Integrated CDV Spare	\$ 387.40
160132	CDV Assembly, Modular Hose	\$ 313.60
160133	Body,CDV,Modular Hose,w/Jet	\$ 19.80
161005	Reducer Assembly, VK/VG2	\$ 372.00
161008	Reg,ARAP/E,2216	\$ 510.00
161009	Reg Assembly,ARAP/E,3000	\$ 515.10
161010	Regulator,EEBA,2216	\$ 398.80
161011	Regulator Assembly,EEBA,3000	\$ 398.80
161015	Reducer Assembly, LCBA, 2216	\$ 488.40
161016	Reducer Assembly, LCBA, 4500	\$ 488.40
161017	Regulator Assy, CEEBA, 2216	\$ 383.30
161018	Regulator Assy, CEEBA, 3000	\$ 383.30
161019	Reducer Assy Frontier Euro Blk	\$ 717.10
161020	Reducer Assy Frontier Euro Red	\$ 717.10
161023	Reducer Assy, RIC 2216, Z3000	\$ 1,099.30
161024	Reducer Assy, RIC, 4500, Z3000	\$ 1,099.30
161025	Reducer Assy,NonRIC,2216,Z3000	\$ 424.50
161026	Reducer Assy,NonRIC,4500,Z3000	\$ 424.50
161027	Reducer Assembly, RIC, 300 Bar	\$ 1,099.30
161028	Reducer Assy,NonRIC,Univ.Press	\$ 488.40
161030	Reducer Assy,Non-RIC,ST53,Efr	\$ 493.50
161031	Regulator Assy,4500PSI,ST53,SD	\$ 435.80
161032	Regulator Assy,300Bar,ST53,SD	\$ 605.90
161033	Reducer Assy, 6 Port, Circular	\$ 218.40
162001	Foster Airline Attachment	\$ 303.00
162002	Foster Brass Airline Attachmnt	\$ 297.80

Product	Description	2016 Price List (USD)
162003	Schrader Airline Attachment	\$ 297.80
162005	Hansen Hk Airline Attachment	\$ 356.50
162007	Manifold & Hose Assembly	\$ 197.80
162012	Piston Assembly,Activ,Dp11	\$ 48.50
162035	Airline Assembly, LCBA	\$ 250.40
162036	Airline Assy, Hansen Hk, 1/4"	\$ 322.10
162037	Airline Assembly, Rectus	\$ 320.40
162051	Charging Hose Assy, RIC, 3 Ft	\$ 523.90
162052	Charging Hose Assy, RIC 6 Ft	\$ 579.80
162053	Charging Hose Assy, RIC 10Ft	\$ 661.60
162054	AI/EAS Assembly Rectus, VK	\$ 403.90
162060	Airline Assembly, Rectus	\$ 320.40
162062	Airline Assembly FosterSS VK	\$ 356.50
162066	Adapter, CGA To Din	\$ 207.20
162069	Charging Hose Assy, 3'RIC, Din	\$ 639.90
162070	Charging Hose Assy, 6'RIC,Din	\$ 683.30
162071	Charginh Hose Assy,10'RIC,Din	\$ 710.30
162079	Fill Station Adapt,QD,Deltair	\$ 885.00
163001	PRV Assembly,ARAP-E	\$ 48.50
169001	Plastic Stay,7"	\$ 2.10
169002	Handle Assy Vision 3/Surveyor	\$ 133.60
169003	Roller Buckle Assembly	\$ 16.50
169007	Pistol Grip Assembly Navigator	\$ 144.90
171007	Medium CDC Silicone Facemask	\$ 212.20
171008	Medium CSC Silicone Facemask	\$ 212.20
171025	Nosecup Assembly	\$ 48.50
171028	Fit Test Adapter Assembly	\$ 147.00
171029	Nosecup Assembly,Electronics	\$ 85.60
171030	Rubber Head Harness	\$ 133.00
171031	Hood Assembly,EEBA,PVC	\$ 69.10
171032	Hood Assembly,EEBA,Pu	\$ 69.10
171065	Facepiece w/FTA,Md,Sil,CDC	\$ 490.00
171066	Facepiece w/FTA,Sm,Sil,CDC	\$ 490.00
171067	Facepiece w/FTA,Lg,Sil,CDC	\$ 490.00
171083	Stirrup Head Harness, Modified	\$ 80.40
171098	Amtech-Facemask Kit Med	\$ 78.10
171100	Hood, Pu, S/M	\$ 360.00
171101	Hood, Pu, L/XL	\$ 360.00
171102	Hood, PVC, S/M	\$ 360.00
171103	Hood, PVC, L/XL	\$ 360.00
171121	Exhale Valve Assembly, Hood	\$ 112.40
171123	Facepiece SubAssy Med-Lrf Unco	\$ 297.80
171127	Facepiece Assy, Med-Lrg, Uncoa	\$ 297.80
171128	Facepiece Assy, Small Uncoated	\$ 297.80
171129	Facepiece Assy, Med-Lrg Coated	\$ 366.80
171130	Facepiece Assy Small Coated	\$ 366.80
171131	Rubber LCBA Harness	\$ 48.50
171133	Nosecup Assembly, CBRN	\$ 95.80

Product	Description	2016 Price List (USD)
171138	Kit, Cartridge, Mask	\$ 118.00
171140	Facepiece w/FTA Medium Kevlar	\$ 490.00
171141	Facepiece w/FTA Small Kevlar	\$ 490.00
171142	Facepiece w/FTA Large Kevlar	\$ 490.00
171143	Facepiece w/FTA Medium Spider	\$ 490.00
171144	Facepiece w/FTA Small Spider	\$ 490.00
171145	Facepiece w/FTA Large Spider	\$ 490.00
171146	Facepiece Assy, Small, CBRN	\$ 350.30
171147	Facepiece Assy, Medium, CBRN	\$ 350.30
171148	Facepiece Assy, Large, CBRN	\$ 350.30
171156	Facepiece w/FTA, Sm, Kev, CBRN	\$ 490.00
171157	Facepiece w/FTA Med, Kev, CBRN	\$ 490.00
171158	Facepiece w/FTA, Lrg, Kev CBRN	\$ 490.00
171159	Facemask&DEV Assy Kevlar China	\$ 1,020.00
171160	APR Adapter, RDV	\$ 324.60
171161	FM, RDV/VK, Sil, Dc, Small	\$ 358.30
171162	FM, RDV/VK, Sil, Dc, Medium	\$ 358.30
171163	FM, RDV/VK, Sil, Dc, Large	\$ 358.30
171164	FM, RDV/VK, Sil, SC, Small	\$ 358.30
171165	FM, RDV/VK, Sil, SC, Medium	\$ 358.30
171166	FM, RDV/VK, Sil, SC, Large	\$ 358.30
171170	FM RDV/VK Non-Elec Sil CDC Sm	\$ 282.40
171171	FM RDV/VK Non-Elect Sil CDC Md	\$ 282.40
171172	FM RDV/VK Non-Elec Sil CDC Lrg	\$ 272.00
171237	Facepiece Assy,Small CBRN,2013	\$ 912.50
171238	Facepiece Assy,Med CBRN,2013	\$ 912.00
171239	Facepiece Assy,Large CBRN,2013	\$ 912.00
171240	Fp w/FTA, Small, CBRN, 2013	\$ 505.00
171241	Fp w/FTA, Med, CBRN, 2013	\$ 505.00
171242	Fp w/FTA, Lg, CBRN, 2013	\$ 505.00
172001	Cap, CDV	\$ 6.20
180001	Battery Kit, Battery AA	\$ 16.60
180002	Battery Kit, Battery C	\$ 11.40
184003	Software, TEAMS	\$ 207.20
184004	Cd Software,Guardian,Standard	\$ 63.90
184005	Cd Software, Guardian, Full	\$ 61.80
189001	Test Manifold, Posi-Chek	\$ 144.20
189002	Fit Test Kit	\$ 75.00
189004	Adapter,Posicheck 3, Viking	\$ 275.00
189005	Posi-Check Test Manifold Assy,	\$ 275.00
189006	Flow Go III Test Assy, VK DEV	\$ 2,440.70
189008	Adapter, Flow Go, CDV	\$ 75.20
189012	Test Box Assembly, VK DEV	\$ 1,350.00
189013	Fit Test Adapter, CDV	\$ 160.00
189014	Fit Test Adapter, CDV, Qualita	\$ 164.80
189020	ST53 CE SCBA,5 Yr Maintenance	\$ 334.80
189025	Enhan.Kit,LP,VKZ7,SCBA,2011	\$ 2,228.40
189026	Enhan.Kit,HP,VKZ7,SCBA,2011	\$ 2,228.40

Product	Description	2016 Price List (USD)
192002	Cyl. Valve, Euro, 200 Bar	\$ 340.00
192004	Cyl Valve Assy,CE,200Bar,Lock	\$ 398.80
192005	Cyl Valve Assy,CE,300 Bar,Lock	\$ 398.80
192006	Cyl Valve Assy,CE,200Bar,Noloc	\$ 398.80
192007	Cyl Valve Assy,CE,300Bar,Noloc	\$ 356.50
199002	Backframe/Harness, Nylon	\$ 547.10
199003	Sidearm Assembly	\$ 16.50
199007	Backframe&PnEU Assy,Kev,2216	\$ 2,207.80
199009	Backframe&PnEU Assy,Nyl,2216	\$ 1,555.70
199013	DX Label Kit	\$ 43.30
199014	DXL Label, Viking	\$ 43.30
199015	CBRN, Label Kit DX	\$ 53.60
199016	CBRN, Label Kit DXL	\$ 53.60
199024	Backframe Assy, LCBA, Nylon	\$ 403.90
199025	Backframe Assy, LCBA Kevlar	\$ 642.90
199041	Backframe&PnEU Kev 2216 Z7	\$ 2,250.80
199042	Backframe&PnEU Kev 4500 Z7	\$ 2,250.80
224005	Cylinder,Spare,2216/30,CW	\$ 1,332.10
224006	Cylinder,Spare,4500/30,CW	\$ 1,300.20
224007	Cylinder,Spare,4500/45,CW	\$ 1,766.90
224008	Cylinder,Spare,4500/60,CW	\$ 1,852.40
224017	Cyl,Sp,2216,30Min,ST Alu,North	\$ 560.00
224018	Cyl,Sp,2216,30Min,Hw,Glass,Nor	\$ 693.10
224023	Cyl.Assy.Carb.300/4.7w/Bag Sp	\$ 1,000.60
224024	Cyl.Assy.Carb.300/6.8w/Bag Sp	\$ 1,296.40
224025	Cyl.Assy.Sp Carb.300/9.0w/Bag	\$ 1,442.70
225001	Eartips, Small Blk Rubber	\$ 6.20
225002	Eartips, Regular Clear	\$ 6.20
225003	Console Assembly, Spare VKST	\$ 1,024.10
225007	Console Assy Spare SMT w/VAS	\$ 949.90
225008	Console Assy,SMT,NonPASS,Spare	\$ 939.60
225163	Spare, Console, Z7	\$ 1,475.30
235001	Actuator Body w/Expansion Plug	\$ 207.20
235002	LP Alarm Striker w/Seating Pad	\$ 21.70
239001	BB Hose,Tethered	\$ 149.40
239002	Pigtail Assy,Hose,Han Hk,ARAP	\$ 58.80
239003	Pigtail Assy,Hose Only,ARAP	\$ 63.90
239006	Hose, CDV, Plastic Frontier	\$ 167.30
239010	Hose, CDV, Plastic, ARAP	\$ 167.30
239013	Hose, CdDV, Plastic, HDV	\$ 167.30
239015	Hose, CDV, Plastic, CEEBA	\$ 167.30
239016	Hose, CDV, Plastic, w/QC, w/By	\$ 166.50
239018	Hose, CDV, Plastic, w/Bypass,	\$ 395.50
239020	Hose, QC, Frontier	\$ 167.30
239021	Hose, QC, w/Airline, Frontier	\$ 395.50
239022	Spare, (EAS) Escape Air System	\$ 318.40
239023	Pigtail, ARAP-E, Foster Brass	\$ 164.80
239024	Pigtail, ARAP-E, Foster	\$ 164.80

Product	Description	2016 Price List (USD)
239025	Pigtail, ARAP-E, Schrader	\$ 164.80
239026	Pigtail, ARAP-E Stainlesfoster	\$ 170.00
239027	Pigtail, ARAP-E, Rectus	\$ 202.00
239028	Pigtail, ARAP-E, Hansen Hk	\$ 207.20
239029	Pigtail, ARAP-E, Hansen 2RI	\$ 164.80
239030	Kit, ARAP E Pigtail Filter	\$ 53.60
239031	QC RDV Hose Assembly	\$ 207.20
239039	Hose, Lower, H-CDV, 11"	\$ 129.00
245001	Sm Camera Ext Battery Charger	\$ 815.90
245002	Sm Camera Int Battery Charger	\$ 790.00
253001	Shock Cord Kit	\$ 16.50
260002	DV,Retaining Plate w/Nut	\$ 21.70
260005	Knob, Bypass, Black Spare	\$ 16.50
260008	CDV,Plastic w/Bypass w/Frontie	\$ 332.90
260012	CDV,Plastic w/Bypass ARAP	\$ 338.20
260013	CDV,Plastic w/O Bypass ARAP	\$ 271.80
260015	CDV,Plastic w/O Bypass ceEBA	\$ 271.80
260018	CDV,Plastic w/ Bypass w/QC	\$ 360.00
260020	CDV,Plastic w/O Bypass w/QC	\$ 343.40
260029	Seal Speach Diaphragm, Sparept	\$ 17.60
260031	CDV Assembly, FB, Frontier	\$ 544.60
260032	CDV Assy, FB, w/QC, Frontier	\$ 602.60
260033	St, Hose Assy, Handwheel Spare	\$ 101.00
260052	Diaph Cup SubAssy FB CBRN Spar	\$ 69.10
260058	Upper, H-CDV, 44"	\$ 365.20
260060	Amarillo Spare Parts, RDV Assy	\$ 240.00
260062	Spare CDV w/ EAS, IIEAS	\$ 653.40
261001	Reducer Body,6 Port,Spare	\$ 234.00
261002	Body, Frontier, w/PRV	\$ 244.20
262001	CGAConnector w/Washer, 2216	\$ 26.80
262002	CGAConnector w/Washer, 4500	\$ 43.30
262003	Spare, RIC/RITBlock Manifold	\$ 594.50
271066	#N/A	\$ 673.40
271067	Facemask,Spare,St,Med,Coated	\$ 673.40
271068	Facemask,Spare,St,Lrg,Coated	\$ 673.40
271069	FM Spare,VKDX/DXL,CBRN,Small	\$ 1,116.10
271070	FM Spare,VKDX/DXL,CBRN,Med	\$ 1,116.10
271071	FM Spare, VKDX/DXL,CBRN,Lrg	\$ 1,116.10
271072	FM Spare,VKDX/DXL,St,CBRN,Sm	\$ 1,116.10
271073	FM Spare,VKDX/DXL,St,CBRN,Med	\$ 1,116.10
271074	FM Spare,VKDX/DXL,St,CBRN,Lrg	\$ 1,116.10
271091	Kit, Ex. Valve Assy,Frontier	\$ 75.20
271092	Kit, Facemask Clamps, Frontier	\$ 97.90
271095	Nosecup, Frontier	\$ 28.90
271097	Viking FM Clamps & Guard Kit	\$ 53.60
271098	Viking FM Clamps Kit w/O Guard	\$ 32.00
271161	Visor Kit,CBRN,Viking Z7,DXL	\$ 58.80
271162	Center Plate&Contact Wire Sub	\$ 154.60

Product	Description	2016 Price List (USD)
271163	Spare, FM RDV/VK Sil Dc Small	\$ 726.80
271164	Spare, FM RDV/VK Sil Dc Medium	\$ 726.80
271165	Spare, FM RDV/VK Sil Dc Large	\$ 726.80
271166	Spare, FM RDV/VK Sil SC Small	\$ 726.80
271167	Spare, FM RDV/VK Sil SC Medium	\$ 726.80
271168	Spare, FM RDV/VK Sil SC Large	\$ 726.80
299001	Spare Kit, MG+ Cyl. Band Conve	\$ 164.80
299002	Cylinder Pad Assembly	\$ 16.50
014004-99	Ring,Retaining,PK of 5	\$ 16.50
014008-99	Cable Tie (Pack of 10)	\$ 10.40
014027-99	Tie Wrap (Pack of 10)	\$ 10.40
014028-99	U-Clip, LP Long (Pack of 5)	\$ 31.00
014Y040Y99	U Clip Lp For Mg	\$ 6.30
014Y041Y99	U Clip HP For MG	\$ 6.20
016007-99	Pull Dot Cap (Pack of 2)	\$ 6.20
019-119-00	Barb 1/4 IDHose 1/4FNPT	\$ 19.60
019-125-00	Socket Foster 1/4"M Thread	\$ 43.30
019-249-00	Nipple, 1/4 MNPT X 1/4 MNPTSS	\$ 11.40
019Y226Y00	Whip Charging LP Test Kit	\$ 515.10
021-049-00	Hansen Plug 2-Hk 1/4 FNPT	\$ 60.00
024-173-00	Cyl 3000PSI 15 cu ft S/A	\$ 393.60
024Y034Y00	CylAssy LP 45.5 cu ft Al/Wrap	\$ 742.90
024Y036Y00	CylAssy LP 45cu ft Al w/oValve	\$ 525.50
024Y065Y00	CylAssy HP 60Min Comp	\$ 1,874.00
024Y085Y00	CylAssy HP 45Min Comp	\$ 1,648.40
024Y086Y00	CylAssy LP 30Min Comp	\$ 1,324.90
024Y155Y00	CylAssy 3000PSI 15 cu ft H/W	\$ 579.10
024Y169Y00	CylAssy HP 15 Min H/W	\$ 744.90
025011-99	Post (Pack of 4)	\$ 4.20
025050-001	Radio Int,Mot Radius	\$ 1,030.10
025050-032	Radio Int,Maxon Sp	\$ 731.50
025078-001	Radio Int&Voice Amp,Mot Radius	\$ 1,030.10
025078-025	Radio Int&Voice Amp,Mot Gp300	\$ 1,128.50
025078-032	Radio Int&Voice Amp,Maxon Sp	\$ 1,030.10
025119-08	Lead S/C Motorola (See Dwg)	\$ 657.40
025120-01	Lead C/C Motorola (See Dwg)	\$ 895.50
025120-02	Lead C/C Motorola (See Dwg)	\$ 1,107.60
025120-03	Lead C/C Motorola (See Dwg)	\$ 643.90
025120-04A	Lead C/C Motorola (See Dwg)	\$ 582.10
025120-04B	Lead C/C Motorola	\$ 543.50
025120-05A	Lead C/C Motorola (See Dwg)	\$ 530.60
025120-05B	Lead C/C Motorola (See Dwg)	\$ 595.30
025120-06	Lead C/C Motorola (See Dwg)	\$ 621.20
025120-07	Lead C/C Motorola	\$ 885.20
025120-08	Lead C/C Motorola (See Dwg)	\$ 605.70
025120-09	Lead C/C Motorola (See Dwg)	\$ 626.40
025120-10	Lead C/C Motorola (See Dwg)	\$ 817.90
025120-11	Lead C/C Motorola (See Dwg)	\$ 491.80

Product	Description	2016 Price List (USD)
025120-12A	Lead C/C Motorola (See Dwg)	\$ 745.40
025120-12B	Lead C/C Motorola (See Dwg)	\$ 978.80
025120-13	Lead C/C Motorola (See Dwg)	\$ 988.70
025120-14	R/L,C/C, Ge-ERIC, Kpc	\$ 916.20
025120-15	R/L,C/C,Ge-ERIC, Mtl,Tpx	\$ 621.20
025120-16	R/L,C/C,Ge-ERIC, Prism	\$ 1,045.70
025120-17	R/L,C/C,Ge-ERIC, Pcs	\$ 1,242.40
025120-18	Lead C/C Standard (See Dwg)	\$ 817.90
025120-19	Lead C/C Standard (See Dwg)	\$ 1,040.60
025120-20	Lead C/C Standard (See Dwg)	\$ 895.50
025120-21	Lead C/C Bendix-King (See Dwg)	\$ 1,290.10
025120-22	Lead C/C Kenwood (See Dwg)	\$ 481.40
025120-23	Lead C/C Kenwood (See Dwg)	\$ 1,035.30
025120-24	Lead C/C Kenwood (See Dwg)	\$ 538.40
025120-25	Lead C/C Ef Johnson (See Dwg)	\$ 874.80
025120-26	Lead C/C Ef Johnson (See Dwg)	\$ 1,061.20
025120-27	Lead C/C Icom (See Dwg)	\$ 522.80
025120-28	Lead C/C Icom (See Dwg)	\$ 502.10
025120-29	Lead C/C Icom (See Dwg)	\$ 605.70
025120-30	Lead C/C Maxon (See Dwg)	\$ 460.70
025120-31	Lead C/C Maxon (See Dwg)	\$ 911.80
025120-32	Lead C/C Maxon (See Dwg)	\$ 698.80
025120-33	Lead C/C Midland (See Dwg)	\$ 502.10
025120-34	Lead C/C Midland (See Dwg)	\$ 776.50
025120-35	Lead C/C Midland (See Dwg)	\$ 714.40
025120-36	Lead C/C Midland (See Dwg)	\$ 1,195.80
025120-37	Lead C/C Relm (See Dwg)	\$ 760.90
025120-38	Lead C/C Ritron/Jobcom See Dwg	\$ 740.20
025120-39	Lead C/C Tekk (See Dwg)	\$ 564.20
025120-40	Lead C/C Uniden (See Dwg)	\$ 786.80
025120-41	Lead C/C Uniden (See Dwg)	\$ 698.80
025120-42	Lead C/C Yaesu-Vertex See Dwg	\$ 605.70
025120-43	Lead C/C Yaesu-Vertex See Dwg	\$ 517.70
025120-44	Lead C/C Yaesu-Vertex See Dwg	\$ 1,221.70
025120-45	Lead C/C Yaesu-Vertex See Dwg	\$ 502.10
025120-46	Lead C/C Yaesu-Vertex See Dwg	\$ 522.80
025120-47	Radio Lead, Vx180/Vx210 Coil	\$ 1,382.10
025120-48	C/C Maxon, PI1145	\$ 994.20
025120-49	C/C Yaesu-Vertex, Vx210, Vx180	\$ 561.50
025120-50	C/C Yaesu-Vertex, Vx800, Vx900	\$ 968.40
025120-51	R/L C/C Motorola Ex 500	\$ 776.50
025120-52	R/L C/C Relm Rpv516	\$ 833.40
025120-53	R/L C/C Ef Johnson 5100	\$ 813.90
025120-54	R/L, C/C, Icom, Ic-F30-Gt	\$ 647.10
025120-56	Radio Lead, C/C, Icom,M88	\$ 786.80
025120-59	Radio Lead, C/C, Maxon,PI5161	\$ 783.00
025120-60	R/L,C/C,Icom,F3Gt(VK DX/DXL)	\$ 489.40
025219-05A	R/L C/C Mot Ht750,1250,1550 Hw	\$ 802.40

Product	Description	2016 Price List (USD)
025219-05B	R/L C/C Mot Ht750,1250,1550 QD	\$ 1,220.80
025219-07	R/L C/C Mot Radius Gp300/P1225	\$ 1,339.30
025219-08	R/L C/C Mot Ht1000 Jt1000 Mt20	\$ 823.10
025219-11	R/L,S/C,Mot.Expo,Radius P10,50	\$ 766.10
025219-12A	R/L C/C Mot, Saber Astro-Hardw	\$ 942.10
025219-12B	R/L C/C Mot Saber,Astro Quickd	\$ 1,221.70
025219-13	R/L C/C Mot Mx800 Mx840 Stx	\$ 1,226.80
025219-16	R/L,C/C,Ge-ERIC,Prism	\$ 1,361.40
025219-22	R/L,C/C Kenwood Tk220/240/250	\$ 714.40
025219-24	R/L,C, Kenwood Tk280/380/290	\$ 755.80
025219-32	R/L,C/C Maxon Pc-50,Sp100/120	\$ 921.40
025219-37	R/L,C/C Lead Relm Mps,Mpv08,Mp	\$ 978.40
025219-41	R/L,C/C Uniden Sps310T/320Ts	\$ 905.90
025219-43	R/L,C/C Yaesu-Vertex Vx10/300/	\$ 735.10
025219-47	C/C Ge Ericsson-Jaguar, 700Pi	\$ 1,734.10
025219-50	C/C Yaesu-Vertex, Vx800, Vx900	\$ 798.50
025219-51	R/L C/C Motorola Ex 500	\$ 864.50
025219-52	R/L C/C Relm, Rpv 516	\$ 843.80
025219-53	R/L S/C Ef Johnson 5100	\$ 838.60
025219-59	Radio Lead, C/C, Maxon, PI5161	\$ 786.80
025337J	PCB Console ZiGBee	\$ 531.70
025392-99	Stand Off (Pack of 5)	\$ 5.20
026-096-00	Plate, Backup, Activator, Aop	\$ 6.20
029001-99	Nut,SS,Nylon,(Pack of 10)	\$ 3.10
029002-99	Nut,Cyl Band,(Pack of 10)	\$ 3.10
029Y012Y99	Nut For Visor (5)	\$ 2.10
030002-99	Screw,SS,(Pack of 6)	\$ 3.10
030005-99	Screw,Top Port,(Pack of 6)	\$ 6.20
030006-99	Screw,Bpttom Port,(Pack of 6)	\$ 11.40
030007-99	Screw,(Pack of 6)	\$ 2.10
030008-99	Screw,(Pack of 6)	\$ 6.20
030009-99	Screw,(Pack of 6)	\$ 6.20
030015-99	Torx Screw,(Pack of 6)	\$ 6.20
030022-99	Screw,Pilot Lever (Pack of 5)	\$ 5.30
030027-99	Screw, (Pack of 5)	\$ 5.20
030029-99	Base Plate Screw(Pack of 5)	\$ 5.20
030032-99	Screw,Battery Pack(Pack of 4)	\$ 8.30
030039-99	Screw, (Pack of 4)	\$ 8.30
030048-99	Screw, (Pack of 4)	\$ 5.20
030066-99	Screw, (Pack of 5)	\$ 5.20
030075-99	Screw, (Pack of 4)	\$ 5.20
030077-99	Screw, (Pack of 5)	\$ 8.30
030096-99	Screw, (Pack of 4)	\$ 4.20
030108-99	Screw, (Pack of 5)	\$ 15.50
030-186-01	Screw, 6-32 X 3/8 Locking	\$ 1.00
030Y040Y99	Screw For Visor (5)	\$ 3.10
030Y060Y99	Screw M5 X 10Mm Pack (5)	\$ 2.10
030Y116Y99	Screw Pack (5)	\$ 6.20

Product	Description	2016 Price List (USD)
031003-99	Washer,(Pack of 10)	\$ 3.10
031005-99	Washer,(Pack of 6)	\$ 6.20
031012-99	Washer (Pack of 10)	\$ 10.40
031013-99	Washer (Pack of 10)	\$ 20.60
031030-99	Backup Washer (Pack of 5)	\$ 5.20
031031-99	Washer (Pack of 5)	\$ 5.20
031032-99	Washer (Pack of 5)	\$ 5.20
031-412-99	Washer,(Pack of 6)	\$ 6.30
033Y039Y49	Filter And Retainer R	\$ 112.40
035009-99	O-Ring Retainer (Pack of 5)	\$ 10.40
035012-99	Seating Pad (Pack of 5)	\$ 15.50
035Y057Y00	P Gauge 55mm2216 PSI ISI	\$ 117.50
035Y075Y00	P Gauge 55mm4500 PSI ISI	\$ 117.50
035Y085Y03	Whistle Assembly, Lp Mag	\$ 403.90
035Y096Y99	Blank Plug With O-Ring	\$ 58.80
037Y026Y00	Cap Dust, Hansen Plug	\$ 16.60
037Y029Y00	Handwheel Assy, Bleed Vlv AS1	\$ 63.90
038Y052Y00	Bag, ISI Escape 5	\$ 122.60
038Y052Y01	Bag, ISI Escape 10	\$ 122.60
038Y052Y02	Bag, ISI Escape 7XF	\$ 122.60
038Y052Y03	Bag, ISI Escape 5XF	\$ 122.60
038Y166Y01	Bag For Cyl, ARAP/E Kevlar	\$ 106.20
038Y172Y01	Bag Cyl ARAP/E-10 Kevlar	\$ 122.60
038Y176Y00	Strap Assy Cyl Hldng AS1 Sys	\$ 26.80
038Y176Y01	Strap Assy Cyl Hldng AS1 30/50	\$ 32.00
039-090-07	Pig Tail Han. Plug M & Insert	\$ 112.40
039-092-12	Hose Supply 25Ft Foster Brass	\$ 173.00
039-092-13	Hose Supply 50Ft Foster Brass	\$ 230.00
039-092-14	Hose 100' Supply Foster Brass	\$ 408.00
039-092-15	Hose Supply 300Ft Foster Brass	\$ 1,000.00
039-092-28	Hose 25' Foster Fittings	\$ 173.00
039-092-29	Hose 50' Foster Fittings	\$ 230.00
039-092-30	Hose 100' Foster Fittings	\$ 408.00
039-092-31	Hose 300' Foster Fittings	\$ 1,000.00
039-092-45	Hose 25' Schraeder Fittings	\$ 173.00
039-092-46	Hose 50' Schraeder Fittings	\$ 230.00
039-092-47	Hose 100' Schraeder Fittings	\$ 408.00
039-092-48	Hose 300' Schraeder Fittings	\$ 1,100.00
039-092-49	Hose, Supply 25Ft Hansen Hk	\$ 351.00
039-092-50	Hose Supply 50Ft Hansen Hk	\$ 505.00
039-092-51	Hose Supply 100Ft Hansen Hk	\$ 639.00
039-092-53	Hose Supply 300Ft Hansen Hk	\$ 1,300.00
039-092-54	Hose Supply 6 Ft Foster Brass	\$ 75.00
039-092-55	Hose 6' Foster Fittings	\$ 80.00
039-092-55	Hose 6' Foster Fittings	\$ 122.00
039-092-56	Hose 6' Schraeder Fittings	\$ 80.00
039-204-00	Hose, ISI Escape Supply	\$ 3.10
039Y084Y04	Supply Hose, ISI Escape	\$ 43.90

Product	Description	2016 Price List (USD)
047Y014Y00	Grease Lubricating 1/4 Oz.	\$ 16.50
051001-99	Roll Pin (Pack of 5)	\$ 5.20
051007-99	RDV Bypass Plunger (PK of 5)	\$ 5.20
054010-99	O-Ring-(Pack of 6)	\$ 11.40
054011-99	O-Ring,(Pack of 6)	\$ 6.20
054012-99	O-Ring,(Pack of 6)	\$ 6.20
054013-99	O-Ring,(Pack of 6)	\$ 6.20
054014-99	O-Ring,(Pack of 6)	\$ 6.20
054016-99	O-Ring,(Pack of 6)	\$ 6.20
054017-99	O-Ring,(Pack of 6)	\$ 21.70
054018-99	O-Ring,(Pack of 6)	\$ 6.20
054019-99	O-Ring,(Pack of 6)	\$ 6.20
054020-99	O-Ring,(Pack of 6)	\$ 21.70
054028-99	O-Ring,(Pack of 6)	\$ 11.40
054032-99	Backup Ring (Pack of 5)	\$ 5.20
054037-99	O-Ring,-006,Sil,80A,(Pk of 6)	\$ 6.20
054040-99	O-Ring For Spindle (Pack of 5)	\$ 10.40
054050-99	O-Ring,Chrgn Slug (Pack of 5)	\$ 31.00
054053-99	O-Ring10mmx1.5mmEPDM,(Pk of 6)	\$ 11.40
054063-99	O-Ring (Pack of 5)	\$ 10.40
054068-99	O-Ring (Pack of 5)	\$ 5.20
054070-99	O-Ring Piston Top(Pack of 5)	\$ 10.40
054071-99	Post O-Ring (Pack of 6)	\$ 6.20
054076-99	O-Ring (Pk of 6) EPDM 70A,-008	\$ 6.20
054077-99	O-Ring(Pk of 6), EPDM 70A,-010	\$ 6.20
054078-99	Qd-Ring(Pk of 6),EPDM70A -022Q	\$ 11.40
054079-99	O-Ring (Pk of 6),EPDM 70A-007Q	\$ 6.20
054080-99	O-Ring (Pack of 5)	\$ 31.00
054081-99	O-Ring (Pack of 5)	\$ 15.50
054084-99	O-Ring (Pack of 5)	\$ 15.50
054085-99	O-Ring (Pack of 5)	\$ 10.40
054088-99	O-Ring (Pack of 5)	\$ 5.20
054097-99	O-Ring,HP U-Clip (Pack of 6)	\$ 12.40
054-129-44	(X) O-Ring For Terminal P APR	\$ 2.10
054-156-00	(X) O-Ring Buna-N-012 3/8X1/16	\$ 2.10
054-202-99	O-Ring (Pack of 5)	\$ 4.20
054-204-00	(X) O-Ring .796 IDX .139 Buna	\$ 2.10
054-205-00	Seal,Quad-Ring & Washer,Spare	\$ 3.10
054Y001Y49	O-Ring (Pack of 5)	\$ 6.20
054Y007Y29	O-Ring Pack (Pack of 5)	\$ 11.40
054Y007Y49	O-Ring (Pack of 5)	\$ 6.20
054Y007Y99	O-Ring (Pack of 5)	\$ 16.50
054Y008Y49	O-Ring (Pack of 5)	\$ 6.20
054Y008Y99	O-Ring (PKg/5)	\$ 11.40
054Y009Y49	O-Ring (Pack of 5)	\$ 6.20
054Y009Y99	O-Ring (Pack of 5)	\$ 6.20
054Y012Y49	O-Ring (Pack of 5)	\$ 11.40
054Y012Y99	O-Ring (Pack of 5)	\$ 6.20

Product	Description	2016 Price List (USD)
054Y018Y49	O-Ring (Pack of 5)	\$ 53.60
054Y018Y99	O-Ring DV And Tv P (Pack of 5)	\$ 43.30
054Y030Y99	O-Ring (Pack of 5)	\$ 53.60
054Y045Y49	O-Ring (Pack of 5)	\$ 11.40
054Y053Y49	O-Ring (Pack of 5)	\$ 58.80
054Y054Y29	O-Ring Connector Pack(Pk of 5)	\$ 6.20
054Y054Y49	O-Rings (Pack of 5)	\$ 6.30
054Y055Y49	O-Ring Pack (Pack of 5)	\$ 6.20
054Y055Y99	O-Ring (Pack of 5)	\$ 6.20
054Y058Y99	Seal (Pack of 5)	\$ 58.80
054Y059Y99	O-Ring (Pack of 5)	\$ 6.20
054Y060Y49	O-Ring (PKg/5)	\$ 6.20
054Y061Y49	O-Ring (Pack of 5)	\$ 2.10
054Y064Y99	O-Ring Pack (Pack of 5)	\$ 21.70
054Y066Y00	O-Ring Ref 200.125.4450	\$ 3.10
054Y066Y99	O-Ring (Pack of 5)	\$ 11.40
054Y067Y99	O-Ring (Pack of 5)	\$ 128.40
054Y068Y99	Seal Copper For Pg Br(Pk of 5)	\$ 101.00
054Y107Y49	O-Ring HP Pack (Pack of 5)	\$ 6.20
054Y111Y29	O-Ring For R II/M (Pack of 5)	\$ 26.80
054Y115Y29	O-Ring Spares Pack (Pack of 5)	\$ 21.70
054Y128Y29	O-Ring Inlet Stem (Pack of 5)	\$ 32.00
054Y132Y99	Seal Spares, Pack (Pack of 5)	\$ 891.50
057006-99	Spring, 2216 (Pack of 5)	\$ 10.40
057007-99	Spring, 4500 (Pack of 5)	\$ 15.50
057021-99	Disc Spring, LP, (Pack of 5)	\$ 10.40
057022-99	Disc Spring, HP, (Pack of 5)	\$ 5.20
057028-99	Spring (Pack of 5)	\$ 5.20
057031-99	Spring Comp (Pack of 5)	\$ 10.40
057-097-99	Spring,Chk Valve,(Pack of 6)	\$ 33.00
060001-99	Filter,(Pack of 6)	\$ 11.40
060003-99	U-Clip,DEV ,(Pack of 6)	\$ 11.40
060005-99	Outlet Flap (Pack of 5)	\$ 56.70
060009-99	Cross Wire (Pack of 5)	\$ 5.20
060013-99	Nut,Retainer Plate(Pack of 4)	\$ 8.30
060027-99	Valve Body Gasket (Pack of 5)	\$ 15.50
060071-99	Bypass Disk (Pack of 5)	\$ 15.50
060073-99	Screen (Pack of 5)	\$ 10.40
060074-99	Retainer Ring (Pack of 5)	\$ 10.40
060Y168Y99	Valve Disc Dv Mg w/Hole	\$ 80.40
060Y188Y01	Cover Dv Pp Mg	\$ 122.60
060Y190Y99	Lever For Dv w/ O Ring	\$ 43.30
060Y206Y99	Catch And Spring Pack	\$ 53.60
061045-99	Check Bleed Valve (Pack of 5)	\$ 15.50
061101-99	U-Clip,Non RIC (Pack of 5)	\$ 36.00
062036-99	Handwheel Filter (Pack of 5)	\$ 5.20
063008-99	Inhale Flap, Nosecup,(Pk of 4)	\$ 24.80
063014-99	Flap,Inhale,Nosecup,(Pk of 4)	\$ 24.40

Product	Description	2016 Price List (USD)
069003-99	U-Clip,LP,(Pack of 6)	\$ 16.50
071007-99	Valve Flap (Pack of 4)	\$ 5.20
071008-99	Valve Flap Retainer(Pack of 4)	\$ 5.20
071009-99	Harness Upper Anchor,(Pk of 4)	\$ 5.20
071035-99	Buckle Frame (Pack of 4)	\$ 24.80
071036-99	Buckle Roller Loop,(Pack of 4)	\$ 39.00
071049-99	Rubber Straps, Loer,Pack of 2	\$ 22.70
071050-99	Head Harness Tab (Pack of 2)	\$ 12.40
071053-99	Upper Tab (Pack of 2)	\$ 43.30
071Y102Y98	Visor NFPA Coated & Guard	\$ 90.70
072001-99	Grommet,(Pack of 6)	\$ 2.10
072003-99	Plug,(Pack of 6)	\$ 2.10
072004-99	Plug,(Pack of 6)	\$ 6.20
072005-99	Plug,(Pack of 6)	\$ 11.40
072006-99	Plug,(Pack of 6)	\$ 3.10
072018-99	Plug, .750 (Pack of 6)	\$ 6.20
072-068-00	Cap For Filter	\$ 1.00
072-073-00	Cap, Dust, Parker Fos/Han Plug	\$ 6.20
072-076-00	Cap cejn Buddy Breather	\$ 6.20
084062S	Manual Users Frontier Spanish	\$ 15.50
084076S	Manual, Viking DX/DXL, Spanish	\$ 15.50
084126S	Viking Z7 Users Manual,Spanish	\$ 15.50
089-265-00	Mannequin	\$ 557.40
089Y176Y00	Test Kit For Papr	\$ 41.20
092-005-01	Gauge Assembly 4500 PSI	\$ 265.80
092-016-00	(X)O-Ring,Cyl,ISI Escape 5	\$ 2.10
092-046-01	Handwheel, Cyl Valve, Red	\$ 11.40
092-054-00	Tube, RuST Cylinder Valve	\$ 6.20
092Y009Y00	Washer Packing	\$ 11.40
092Y016Y99	O-Ring PKg/5	\$ 6.20
092Y040Y00	Kit, O-Ring And Seal	\$ 6.20
099001M	Backframe, Modified	\$ 154.60
104-118-00	Cardboard Saddle	\$ 6.20
104-119-00	Cardboard Inserts	\$ 6.20
104-127-00	Box Cyl 6.75X6.75X23	\$ 6.30
104-128-00	Box Cylinder 7X7X25.25	\$ 6.20
104-172-00	Wipe Anti - Fog (1)	\$ 2.10
104Y172Y01	Wipes Anti-Fog (10)	\$ 16.00
104Y172Y02	Wipes Anti - Fog (50)	\$ 101.00
104Y172Y03	Wipes Anti-Fog (100)	\$ 196.80
199041A	Backframe&PnEU Kev 2216 Z7 07	\$ 2,241.80
199042A	Backframe&PnEU Kev 4500 Z7 07	\$ 2,241.80
225015-01	Spare Console Assembly w/PASS	\$ 949.90
225015-02	Spare Console Assy Non PASS	\$ 939.60
701Y203Y22	AS1 Single Foster 2216 PSI	\$ 2,029.00
701Y203Y30	AS1 Single Foster 3000 PSI	\$ 2,029.00
701Y203Y45	AS1 Single Foster 4500 PSI	\$ 2,029.00
701Y203Y50	AS1 Single Foster 5000 PSI	\$ 2,029.00

Product	Description	2016 Price List (USD)
701Y204Y22	AS1 Single Hansen 2216 PSI	\$ 2,029.00
701Y204Y30	AS1 Single Hansen 3000 PSI	\$ 2,029.00
701Y204Y45	AS1 Single Hansen 4500 PSI	\$ 2,029.00
701Y204Y50	AS1 Single Hansen 5000 PSI	\$ 2,029.00
701Y205Y22	AS1 Single Schrader 2216 PSI	\$ 2,029.00
701Y205Y30	AS1 Single Schrader 3000 PSI	\$ 2,029.00
701Y205Y45	AS1 Single Schrader 4500 PSI	\$ 2,029.00
701Y205Y50	AS1 Single Schrader 5000 PSI	\$ 2,029.00
72601/70	General Purpose Filter, ST53 S	\$ 78.10
80141-32	Quick Connect,40mmThread	\$ 15.20
81100-10	E-ZAir Blower	\$ 146.00
81100-11	Battery, Replaceable, NIOSH	\$ 33.20
81135-11	Batt Holder,Replac.Users Inst.	\$ 1.00
81135-17	Hose & Cover Assy,Users Inst.	\$ 1.00
Radiocon1	Deltair SCBA Radio interface for - BPR40, CP200, GP300, and similar connections	\$ 465.00
Radiocon2	Deltair SCBA Radio interface for - HT1250, HT750, MTX850 Series connections	\$ 515.00
Radiocon3	Deltair SCBA Radio interface for - XTS Series connections	\$ 465.00
Radiocon4	Deltair SCBA Radio interface for - APX and XPR Series Connections	\$ 515.00
Radiocon5	Deltair SCBA Radio interface for - P7100 Series Connections	\$ 515.00
Radiocon6	Deltair SCBA Radio interface for - Unity XG-75 Series Connections	\$ 465.00
Radiocon7	Deltair SCBA Radio interface for - TK2200 series Connections	\$ 465.00

0000092

11-24

# CASHIER'S CHECK

0009203810

Office AU #

1210(8)

Remitter: JOHN P VIBOCH  
Operator I.D.: u333003

December 29, 2016

PAY TO THE ORDER OF \*\*\*CITY OF LARAMIE, CITY CLERK, CITY HALL \*\*\*

\*\*\*Five thousand dollars and no cents\*\*\*

\*\*\*\$5,000.00\*\*\*

Payee Address:  
Memo:

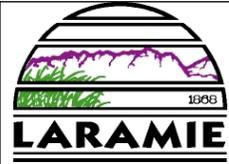
WELLS FARGO BANK, N.A.  
5801 CHRISTIE AVE  
EMERYVILLE, CA 94608  
FOR INQUIRIES CALL (480) 394-3122

VOID IF OVER US \$ 5,000.00

*Richard Levy*  
CONTROLLER

⑈0009203810⑈ ⑆121000248⑆4861 511475⑈

Security Features Included. Details on Back.



**Agenda Item: Resolution**

**Title: Resolution 2017-09, to Appoint One Member to the Civil Service Commission**

**Recommended Council MOTION:**

That Council move to approve Resolution 2017-09, to appoint one board member to the Civil Service Commission and authorize Mayor and City Clerk to sign.

**Administrative or Policy Goal:**

To ensure that the Civil Service Commission has a full complement of members.

**Background:**

The Civil Service Commission certifies all promotion and hiring lists in the Police and Fire Departments and is responsible for classifying positions within the Police and Fire Departments. The commission also monitors demotions and dismissals from the LPD and LFD. Term expiration has created one vacancy on the Civil Service Commission.

**Legal/Statutory Authority:**

Authority: W.S. § 15-5-101, *et seq.*

**BUDGET/FISCAL INFORMATION:**

**Responsible Staff:    City Attorney**

RESOLUTION APPOINTING ONE MEMBER TO THE CIVIL SERVICE  
COMMISSION FOR THE CITY OF LARAMIE, WYOMING

**WHEREAS**, Council for the City of Laramie, Wyoming (“City”) created a Civil Service Commission (“CSC”) pursuant to Wyo. Stat. § 15-5-101, *et seq.*, which consists of three (3) members who are appointed by the City Council for a term of three (3) years each;

**WHEREAS**, a term expiration occurred for CSC member Brett Williams on October 31, 2016;

**WHEREAS**, therefore one CSC vacancy exists for one term of three (3) years expiring on October 31, 2019, and City Council shall fill the vacancy pursuant to Wyo. Stat. §15-5-101 *et seq.*

**NOW THEREFORE, THE CITY COUNCIL OF LARAMIE, WYOMING RESOLVES:**

**Section 1.** City Council declares that the Mayor of Laramie City Council be appointed to the CSC for a term ending October 31, 2019.

**Section 2.** City Council further declares that this appointment applies to the then duly-elected Mayor, and if the person holding the Mayor’s chair during the term of this appointment changes, then the new duly-elected Mayor shall assume the position on the CSC for the remainder of the term.

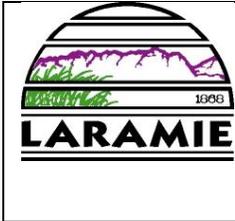
**Section 3.** City Council further declares that if any Mayor becomes unwilling or unable to serve on the CSC during the term of this appointment, then City Council hereby appoints the then duly-elected Vice Mayor to serve in the Mayor’s place for the remainder of the term.

PASSED, APPROVED, AND ADOPTED January, 17, 2017.

\_\_\_\_\_  
ATTEST

\_\_\_\_\_  
MAYOR

\_\_\_\_\_  
CITY CLERK



**Agenda Item: Amendment - Budget**

**Title: Amendment to the Solid Waste Budget to increase funding for the Stage 1 Permit**

**Recommended Council MOTION:**

“I move to amend the Solid Waste Fund budget in the amount of \$35,000 to cover the cost of additional work associated with the Stage 1 lifetime permit amendment.”

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**Administrative or Policy Goal:**

**Administrative Goal** – Complete a major permit amendment for the vertical expansion of Stage 1 for construction and demolition waste.

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**Background:**

The proposed budget amendment covers unbudgeted work associated with the major permit amendment for the Stage 1 expansion at the landfill. The need for the budget amendment is to address comments from the Wyoming Department of Environmental Quality (WDEQ), Solid and Hazardous Waste Division (SHWD). The questions were posed during a meeting at the WDEQ Cheyenne offices on November 16, 2016.

The purpose of the meeting was to discuss a proposed major lifetime permit amendment application for vertical expansion and an alternative final cover system over Stage 1 of the Laramie Landfill. During this meeting, WDEQ SHWD stipulated that two new groundwater monitoring wells, down-gradient of Stage 1, would be required prior to consideration of the proposed permit amendment application. WDEQ SHWD also agreed to allow the City to plug and abandon two of the Laramie landfill’s existing groundwater monitoring wells, MW-12A and MW-13B. A copy of the proposed scope of work is attached.

In developing the biennial budget, the need for two monitoring wells was not anticipated. Therefore, the biennial budget must be amended to cover these proposed expenditures.

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**Legal/Statutory Authority:**

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**BUDGET/FISCAL INFORMATION:**

Staff is requesting a budget amendment to cover the cost of the additional work plus a contingency. The City is eligible for up to 50% reimbursement of eligible project costs from WDEQ SHWD through a grant for the installation of the two new wells. The total reimbursement through the grant program could be as much as \$12,711. We will pursue this to offset the City’s expense.

**REVENUE**

Source	Amount	Type
Fees/Charges for Service	\$60,000.00	Stage 1 Vertical Expansion; 520-9020-432.79-00
Grants for Projects		
Loans on Project		
Other		
Total	\$60,000.00	

**EXPENSE**

Proposed Project Cost.

Project Budget	Amount	Funds
Project Cost	\$86,755.00	Original contract plus additional scope items
Loans on Project		
Grants for Project		
Other/Outside Projects		
City's Amount	\$86,755.00	
Contingency 10%	\$3,250.00	10% of additional work
Total Amount	\$90,005.00	

Amount spent to date (approved and adopted by Council)

Budget	Amount	Funds
Total Budget Allocation	\$60,000.00	
Less Amount Spent to Date	\$54,267.00	Original contract amount plus contingency
Remainder of Budget	\$5,733.00	

Proposed Cost (Approval of this item authorizes preparation of a budget revision for the proposed amount)

Expenditures	Amount	Fund
Proposed Expenditure	\$90,005.00	
Current Budget	\$60,000.00	Original Contract
Additional Amount Requested	\$30,005.00	Additional Work
Total Proposed Budget	\$90,005.00	Total contract with change

**Responsible Staff:**

Earl Smith, P.E., Director of Public Works

Brooks Webb, Solid Waste Manager

Attachments:

Trihydro Scope of Work



December 29, 2016

Mr. Brooks Webb  
Solid Waste Manager  
City of Laramie  
1167 N. 4th St.  
Laramie, WY 82072

RE: Cost Proposal for Construction Management and Reporting for Groundwater Monitoring Well Network Improvements at Laramie Landfill

Dear Mr. Webb:

Trihydro Corporation (Trihydro) appreciates the opportunity to submit this cost proposal to the City of Laramie (City) to assist with the abandonment and installation of groundwater monitoring wells at the Laramie Landfill. This effort is in response to a request from the City of Laramie to respond to comments from the Wyoming Department of Environmental Quality (WDEQ) Solid and Hazardous Waste Division (SHWD) posed during a meeting at the WDEQ Cheyenne offices on November 16, 2016, which was attended by the City and Trihydro. The purpose of the meeting was to discuss a proposed major lifetime permit amendment application for vertical expansion and alternative final cover system over Stage 1 of the Laramie Landfill. During this meeting, WDEQ SHWD stipulated that two new groundwater monitoring wells, down-gradient of Stage 1, would be required prior to consideration of the proposed permit amendment application. WDEQ SHWD also agreed to allow the City to plug and abandon two of the Laramie Landfill's existing groundwater monitoring wells, MW-12A and MW-13B. Specific proposed work elements are further described below:

**Task 1: Project Management, Coordination, and Health and Safety Stewardship**

Trihydro's strategy for successfully managing the proposed tasks, includes providing status and budget updates to the City, facilitating project coordination meetings with the City and WDEQ, and stewarding a health and safety program for the proposed field work.

**Task 2a: Well Development, Installation, Survey, and Construction Oversight**

Prior to commencement of drilling activities, Trihydro will coordinate utility locates to identify the location of existing utilities and obtain clearance from the appropriate providers/agencies. In addition, Trihydro will coordinate proposed drilling activities with the City of Laramie. Trihydro's drilling contractor will pothole boring locations and/or daylight suspected utility locations to clear borings or positively identify utilities.

The proposed drilling contractor was selected through a competitive bid process to help ensure the lowest cost to the City. Each of the drilling contractors invited to bid has been previously vetted by Trihydro and are known to have the appropriate experience, equipment, and meet Trihydro's minimum insurance



Mr. Brooks Webb  
December 29, 2016  
Page 2

requirements. Trihydro analyzed the bids received and recommends awarding the bid to Inberg-Miller Engineers (IME) based on lowest cost. Bid request correspondence and/or complete drilling contractor bids are available upon request.

Oversight of well installation will be completed by a Wyoming Professional Geologist. Trihydro will include specific details of well installation in the work plan. Trihydro intends to install two wells that will be completed to a depth of 100-120 feet-below ground surface. The surface completion will be comprised of a locking above-ground metal well box set in concrete. Following completion, the monitoring wells will be developed, purged, and surveyed for the horizontal location, top of casing elevation and ground surface elevation.

#### **Task 2b: Plug and Abandon Existing Groundwater Monitoring Wells**

This task includes the plugging and abandonment of the existing monitoring wells MW-12A and MW-13B. The plugging and abandonment activities will be completed during the Task 2a mobilization to reduce mobilization costs. Trihydro will plug and abandon these wells in accordance with WDEQ Water Quality Division Chapter 26, Section 11 regulations using the drilling contractor selected in Task 2a.

#### **Task 3: Groundwater Monitoring Well Drilling Report**

Trihydro will prepare and submit to WDEQ SHWD a groundwater monitoring well drilling report, which documents the drilling, construction, and development activities associated with the installation of the two new wells. In addition, the report will include hydrogeologic cross sections of the wells in relation to nearby existing wells; well logs cataloging the subsurface lithography, casing depths and screening intervals; and well completion diagrams. New well fluid level data will be incorporated with the most recent semi-annual static water levels to create a representative potentiometric surface map for use in figures.

#### **Task 4: Municipal Solid Waste Landfill Monitoring Grant Program (Grant) Assistance (OPTIONAL)**

The City is eligible for up to 50% reimbursement of eligible project costs from WDEQ/SHWD through the Grant for the installation of the two new wells. Eligible project costs include:

- \$2,387 (estimated cost under another contract) for preparation of the installation work plan
- \$19,670 under Task 2a on Table 1 for new well development, installation, survey, and construction oversight. Total cost on Table 1 for this task is \$20,885 which includes IME's proposed cost and a 10% subcontractor markup (equal to \$1,215) to cover anticipated insurance and contracting costs incurred by Trihydro. Please be advised grant reimbursement guidelines do not allow for reimbursement of percentage markups on subcontractor costs and has been deducted above. Also be advised that abandonment of MW-12A and MW-13B are not eligible for reimbursement by the Grant. So for ease of billing and reimbursement applications the scope and costs associated with abandonment have been separate into Task 2b.



Mr. Brooks Webb  
December 29, 2016  
Page 3

- \$3,365 under Task 3 on Table 1 for the drilling investigation report
- The City can potentially be reimbursed up to \$12,711 at up to 50% Grant reimbursement.

The City is free to handle the Grant process on its own. However, Trihydro has provided this optional Task to assist the City with the initial Grant application and the reimbursement application process. This process can be challenging due to the Grant administrator's particular reimbursement application formatting requirements. Through prior experience with similar projects, Trihydro has gained knowledge of these processes and can assist in facilitating the process and dealing with the Grant administrator on behalf of the City.

### **Cost Estimate and Schedule**

Table 1 summarizes the activities, assumptions and associated cost estimate with the tasks described above. The total estimated project cost is \$31,018, not including optional Task 4 (add \$1,470 if opted, optional total project cost \$32,488). Trihydro and the drilling subcontractor are available to begin work on the proposed scope of work upon notification from the City and receipt of a properly executed Work Order.

### **Closing**

Trihydro appreciates the opportunity to continue assisting the City with landfill regulatory, permitting, and compliance issues as they arise. If the terms of this proposal are acceptable, a Work Order will be forwarded for your consideration. If you have any questions, or require additional information, please do not hesitate to contact us at (307) 745-7474.

Sincerely,  
Trihydro Corporation

Michael P. Bradford, P.E.  
Senior Project Engineer

Marge Bedessem, P.E. PhD  
Senior Engineer

999-415-062

Attachment: Table 1 – Project Cost Estimate and Scope of Work

cc: Earl Smith, Public Works Director.

**TABLE 1. PROJECT COST ESTIMATE, ACTIVITIES, ASSUMPTIONS  
PERMITTING, CONSTRUCTION MANAGEMENT, SAMPLING, AND REPORTING FOR GROUNDWATER MONITORING WELL NETWORK IMPROVEMENTS AT LARAMIE LANDFILL**



Activity		Schedule of Charges	Hourly Rate or Charge	Hours or Unit Estimate	Subtotal	
<b>1</b>	<b>Project Management, Coordination, and Health and Safety Stewardship</b>	Professional Level 12	\$180	6	\$1,080.00	
		Professional Level 10	\$160	2	\$320.00	
		Professional Level 8	\$138	4	\$552.00	
		Professional Level 7	\$125	20	\$2,500.00	
		<b>Labor</b>			<b>\$4,452.00</b>	
		Equipment		0	\$0.00	
		Travel		0	\$0.00	
		Per Diem		0	\$0.00	
		Miscellaneous		0	\$0.00	
		<b>Expenses</b>			<b>\$0.00</b>	
		Other		0	\$0.00	
		<b>Subcontractors</b>			<b>\$0.00</b>	
		<b>Task 1 Subtotal</b>			<b>\$4,452.00</b>	
	<b>2a</b>	<b>Well Development, Installation, Survey, and Construction Oversight</b>	Professional Level 12	\$180	1	\$180.00
			Professional Level 8	\$138	2	\$276.00
		Professional Level 7	\$125	4	\$500.00	
		Professional Level 5	\$102	32	\$3,264.00	
		Professional Level 3	\$79	6	\$474.00	
		Technical Level 8	\$115	8	\$920.00	
		Technical Level 4	\$76	12	\$912.00	
		<b>Labor</b>			<b>\$6,526.00</b>	
		Equipment	\$60	10	\$600.00	
		Trihydro Vehicle	\$86	4	\$344.00	
		Per Diem	\$0	0	\$0.00	
		Supplies	\$50	1	\$50.00	
		<b>Expenses</b>			<b>\$994.00</b>	
		Inberg-Miller Engineers		1	\$13,365.00	
		<b>Subcontractors</b>			<b>\$13,365.00</b>	
	<b>Task 2a Subtotal</b>			<b>\$20,885.00</b>		

**TABLE 1. PROJECT COST ESTIMATE, ACTIVITIES, ASSUMPTIONS  
PERMITTING, CONSTRUCTION MANAGEMENT, SAMPLING, AND REPORTING FOR GROUNDWATER MONITORING WELL NETWORK IMPROVEMENTS AT LARAMIE LANDFILL**



Activity		Schedule of Charges	Hourly Rate or Charge	Hours or Unit Estimate	Subtotal		
<b>2b</b>	<b>Abandon Existing Groundwater Monitoring Wells MW-12A and MW-13B</b>	Professional Level 7	\$125	1	\$125.00		
		Professional Level 5	\$102	10	\$1,020.00		
					<hr/>		
<u>Activities:</u>							
- Complete public and private utility locate evaluation to identify buried utilities							
- Establish traffic control to protect public from entering investigation area							
- Containerize waste in labeled drums and stage for on-site disposal							
- Perform and oversee plugging and abandonment of existing monitoring wells MW-12A and MW-13B							
<u>Assumptions:</u>							
- Abandonment activities will be completed in 1 day							
- Non-hazardous wastes will be disposed of on site							
- Utility locate will be billed through driller							
- Plugging and abandonment will be completed in accordance with WDEQ Water Quality Division Chapter 26, Section 11 and WSEO requirements							
- Supply costs include incidental supplies							
- Equipment costs include PID rental							
					<hr/>		
<b>Labor</b>					<b>\$1,145.00</b>		
Equipment					\$100		
Travel					\$86		
Per Diem					\$40		
Supplies					\$50		
					<hr/>		
<b>Expenses</b>					<b>\$236.00</b>		
Inberg-Miller Engineers					1		
					\$935.00		
					<hr/>		
<b>Subcontractors</b>					<b>\$935.00</b>		
					<hr/>		
<b>Task 2b Subtotal</b>					<b>\$2,316.00</b>		
<b>3</b>	<b>Drilling Investigation Report</b>	Professional Level 12	\$180	1	\$180.00		
		Professional Level 7	\$125	6	\$750.00		
		Professional Level 5	\$102	8	\$816.00		
		Professional Level 3	\$79	18	\$1,422.00		
		Technical Level 3	\$66	2	\$132.00		
		Administrative 3	\$65	1	\$65.00		
							<hr/>
		<b>Labor</b>					<b>\$3,365.00</b>
		Equipment					0
		Travel					0
Per Diem					0		
Miscellaneous					0		
					<hr/>		
<b>Expenses</b>					<b>\$0.00</b>		
Other					0		
					<hr/>		
<b>Subcontractors</b>					<b>\$0.00</b>		
					<hr/>		
<b>Task 3 Subtotal</b>					<b>\$3,365.00</b>		

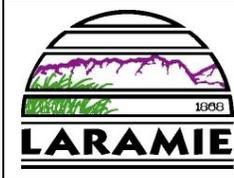
**TABLE 1. PROJECT COST ESTIMATE, ACTIVITIES, ASSUMPTIONS  
PERMITTING, CONSTRUCTION MANAGEMENT, SAMPLING, AND REPORTING FOR GROUNDWATER MONITORING WELL NETWORK IMPROVEMENTS AT LARAMIE LANDFILL**



Activity		Schedule of Charges	Hourly Rate or Charge	Hours or Unit Estimate	Subtotal
4	<b>Wyoming Municipal Solid Waste Landfill Monitoring Grant Program (Grant) Assistance (OPTIONAL)</b>	Professional Level 12	\$180	4	\$720.00
		Professional Level 7	\$125	6	\$750.00
		<b>Labor</b>			<b>\$1,470.00</b>
		Equipment		0	\$0.00
		Travel		0	\$0.00
		Per Diem		0	\$0.00
		Miscellaneous		0	\$0.00
		<b>Expenses</b>			<b>\$0.00</b>
		Other		0	\$0.00
		<b>Subcontractors</b>			<b>\$0.00</b>
		<b>Task 4 Subtotal</b>			<b>\$1,470.00</b>

**Estimate Project Cost Summary**

Task #	Description	Summary
1	Project Management, Coordination, and Health and Safety Stewardship	\$4,452
2a	Well Development, Installation, Survey, and Construction Oversight	\$20,885
2b	Abandon Existing Groundwater Monitoring Wells MW-12A and MW-13B	\$2,316
3	Drilling Investigation Report	\$3,365
4	Wyoming Municipal Solid Waste Landfill Monitoring Grant Program (Grant) Assistance (OPTIONAL)	\$1,470
	<b>TOTAL</b>	<b>\$32,488</b>

**Agenda Item: Orig. Ordinance - 2nd Reading**

**Title:** Original Ordinance No. 1959, rezoning an area approximately 26.5 acres in size from AE (Airport Enterprise) District to AV (Aviation) District, generally located at the Laramie Regional Airport.

**Recommended Council MOTION:**

Move to **approve** Original Ordinance No. 1959 on second reading; rezoning an area approximately 26.5 acres in size from AE (Airport Enterprise) District to AV (Aviation) District generally located at the Laramie Regional Airport; based on findings of fact and conclusions of law; noting a public hearing was held on January 17, 2016.

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**Administrative or Policy Goal:**

The Comprehensive Plan's Future Land Use (FLU) Map (Map 3.2) designates this area as PI (Public/Institutional). Rezoning of the property is consistent with the area Land Use Plan.

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**Background:**

This rezoning would re-designate a portion of the Laramie Regional Airport to a zone more appropriate for the type of use that occurs within the designated portion. Currently, the 26.5 acre parcel has a zoning designation of AE (Airport Enterprise); Laramie Municipal Code states the AE District is established to provide lands for technological-industrial parks that require support by an airport facility for shipping, education, communication, research or other reasons. Other such reasons could be types of commercial activities, rental facilities, hotels, and other uses that support air and business travelers. *(LMC 15.08.050.F.6)*

The AV Zone is intended to include runways, clear zones, aprons, aviation related structures, and other supporting facilities. *(LMC 15.08.050.F.1.a)*

The applicant is applying for this change because the area in question is considered a "private hangar" area with no public access, thus the use falls in line with the AV zone as opposed to the supporting role of the AE zone. Furthermore, metal building facades are allowed within the AV zone, but are limited within the AE zone; due to the design nature of private airplane hangars and other typical uses found within this zone district, this further supports the zoning change to the AV zone.

The Planning Commission recommended the Council approve the rezoning request at their November 28, 2016 meeting (6 yes, 0 no, 1 absent).

The Planning Commission staff report is included. No changes have been made to the report subsequent to the Planning Commission action.

This item was approved (7 yes, 0 no, 2 absent) on 1<sup>st</sup> Reading by the City Council on December 20, 2016.

**Legal/Statutory Authority:**

- Laramie Municipal Code. Chapter 15 Unified Development Code
- Wyoming State Statutes Title 15 Article 1 Section 502
- Wyoming State Statutes Title 15 Cities and Towns, Article 5 Planning
- Wyoming State Statutes Title 15 Cities and Towns, Article 6 Zoning

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**BUDGET FISCAL INFORMATION:**

**REVENUE**

Source	Amount	Type
Fees/Charges for Service	\$635.00	Application and Sign Fees
Grant		
Loan		
Other		
Total	\$635.00	

**Responsible Staff:**

Eric Conner, Associate Planner: 721-5344

Attachments:  
Proposed Ordinance 1959  
November 28, 2016 Planning Commission  
Staff Report

Future dates are subject to change

Work Session	
Advertised	
Public Hearing (PH) Held	January 17, 2017
PH Advertised	December 24, 2016
Introduction/1 <sup>st</sup> Reading	December 20, 2016
2 <sup>nd</sup> Reading	January 17, 2017
3 <sup>rd</sup> Reading	February 7, 2017

ORIGINAL ORDINANCE NO.: 1959  
ENROLLED ORDINANCE NO.:

INTRODUCED BY: SHUSTER

AN ORDINANCE AMENDING THE ZONING DISTRICT MAP OF THE CITY OF LARAMIE, WYOMING, BY REZONING AN AREA APPROXIMATELY 26.5 ACRES IN SIZE, GENERALLY LOCATED AT THE LARAMIE REGIONAL AIRPORT, FROM AE (AIRPORT ENTERPRISE) DISTRICT TO AV (AVIATION) DISTRICT.

WHEREAS, on October 6, 2016 Laramie Regional Airport (Jack Skinner), filed with the City an application to rezone an area approximately 26.5 acres in size, generally located at the Laramie Regional Airport, from AE (Airport Enterprise) District to AV (Aviation) District; and

WHEREAS, on November 28, 2016 City staff presented the rezoning application to the Planning Commission with a recommendation that the City Council approve the proposed amendment; and

WHEREAS, on November 28, 2016 City Planning Commission reviewed the rezoning application and by majority vote (7 yes, 0 no) of its members recommended approval of the rezoning of the subject property; and

WHEREAS, notice of a public hearing in compliance with Wyo. Stat. §15-1-602 ~~will be~~ **was** published in the *Laramie Boomerang* on December 24, 2016; and

WHEREAS, a public hearing ~~shall be~~ **was** held on January 17, 2017 which notice ~~shall be~~ **was** given at least fifteen (15) days prior to the public hearing in compliance with Wyo. Stat. § 15-1-602.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LARAMIE:

**Section 1.** That the foregoing recitals are incorporated in and made a part of this Ordinance by this reference.

**Section 2.** That the Zoning District Map of City is hereby amended by rezoning the subject property from AE (Airport Enterprise) District to AV (Aviation) District, which is described as follows:

A PORTION OF LAND LOCATED IN THE NORTH HALF OF SECTIONS 34 AND 35, TOWNSHIP 16 NORTH, RANGE 74 WEST OF THE 6<sup>TH</sup> P.M., LARAMIE, ALBANY COUNTY, WYOMING, AS SHOWN IN ATTACHMENT A.

**Section 3.** That the foregoing described property contains 26.5 acres more or less, together with all and singular the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, and all improvements thereon, and as shown in Attachment A.

**Section 4.** That this ordinance shall become effective after its passage, approval and publication.

Passed and approved this \_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Andi Summerville, Mayor and President of the  
City Council

Attest: \_\_\_\_\_  
Angie Johnson, City Clerk

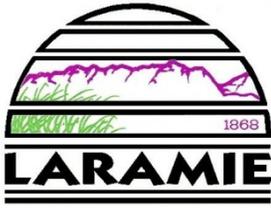
First Reading: December 20, 2016

Public Hearing: January 17, 2017

Second Reading: January 17, 2017

Third Reading and Final Action: February 7, 2017

Duly published in the *Laramie Boomerang* this \_\_\_\_\_ day of \_\_\_\_\_, 2016.



# City of Laramie

Planning Division  
P.O. Box C  
Laramie, WY 82073

Telephone: (307) 721-5207  
Fax: (307)721-5248

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**LARAMIE PLANNING COMMISSION  
NOVEMBER 28, 2016  
STAFF REPORT**

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**FILE:** Z-16-05: Laramie Regional Airport; 555 General Brees Rd.

**REQUEST:** Rezoning of an area of approximately 26.5 acres from AE (Airport Enterprise) to AV (Aviation).

**LOCATION:** 555 General Brees Road, at the Laramie Regional Airport.

**APPLICANT(S)/AGENT:** Laramie Regional Airport/ Jack Skinner

**OWNER:** Laramie Regional Airport

**PURPOSE:** Rezone a portion of the Laramie Regional Airport from AE (Airport Enterprise) to AV (Aviation).

**CURRENT ZONING:** AE (Airport Enterprise)

**PREPARED BY:** Eric Conner, Associate Planner

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**RECOMMENDED MOTION:**

Move to recommend **approval** to the City Council to rezone the proposed portion of the Laramie Regional Airport from AE (Airport Enterprise) to AV (Aviation) Zoning which encompasses an area approximately 26.5 acres in size, based on findings of fact and conclusions of law.

**APPLICABLE CITY CODE SECTION(S):**

Laramie Comprehensive Plan  
Laramie Municipal Code Title 15, Unified Development Code  
Wyoming State Statutes Title 15 Cities and Towns, Article 5 Planning  
Wyoming State Statutes Title 15 Cities and Towns, Article 6 Zoning

**BACKGROUND:**

This rezoning would re-designate a portion of the Laramie Regional Airport to a zone more appropriate for the type of use that occurs within the designated portion. Currently, the 26.5 acre parcel has a zoning designation of AE (Airport Enterprise); Laramie Municipal Code states the AE District is established to provide lands for technological-industrial parks that require support by an airport facility for shipping, education, communication, research or other reasons. Other such reasons

could be types of commercial activities, rental facilities, hotels, and other uses that support air and business travelers. (LMC 15.08.050.F.6)

The AV Zone is intended to include runways, clear zones, aprons, aviation related structures, and other supporting facilities. (LMC 15.08.050.F.1.a)

The applicant is applying for this change because the area in question is considered a “private hangar” area with no public access, thus the use falls in line with the AV zone as opposed to the supporting role of the AE zone. Furthermore, metal building facades are allowed within the AV zone, but are limited within the AE zone; due to the design nature of private airplane hangars and other typical uses found within this zone district, this further supports the zoning change to the AV zone.

### APPLICABILITY TO THE COMPREHENSIVE PLAN:

#### Future Land Use:

	<b>Future Land Use Designation (Map 3.2)</b>	<b>Zoning</b>	<b>Land Use</b>
<b>Subject Property</b>	PI (Public, Institutional)/ I (Industrial)	AE (Airport Enterprise)	Taxi Way/ Private Hangars
<b>North</b>	I (Industrial)	AE (Airport Enterprise)	Vacant
<b>South</b>	PI (Public, Institutional)	AV (Aviation)	Runway
<b>East</b>	PI (Public, Institutional)	AV (Aviation)	Terminal/ Runway
<b>West</b>	PI (Public, Institutional)	AV (Aviation)	Runway

Zoning districts associated with Industrial designations are I1 (Limited Industrial), I2 (Industrial), LM (Limited Manufacturing), and IP (Industrial Park). It is noted that neither AE nor AV are within this Future Land Use designation, however staff believes that due to the intense nature of the Industrial Land Use Designation, the AE and AV zoning districts are an applicable zoning district within the Industrial Land Use. Furthermore, Laramie Regional Airport is a public airport, thus the Public, Institutional Land Use designation is viewed as appropriate.

### ANALYSIS:

This zoning request would increase compatibility with the established purpose for each aviation-related zone. Due to the restricted nature of the area, the proposed change would create better compliance with the intent of the different aviation zoning districts. The Airport Enterprise (AE) zone is intended to be used by supporting industries and industries oriented around services for business travelers (LMC 15.08.050.F.6). Private Hangar areas within the Laramie Regional Airport do not fall within this general definition for Airport Enterprise, but fall closer to the concepts of the Aviation (AV) zone due to the ‘aviation related structure’ concept, and a lack of public access.

Landscaping:

This zoning change is running concurrently with a text amendment to the Laramie Municipal Code that would change the landscaping requirements for the AV zone; the proposed change bases the landscaping requirements on development area, as opposed to site dimensions. If both the text amendment and this rezoning request are approved, this portion of the site would follow the proposed landscaping requirements. Staff supports the landscaping amendment.

**PUBLIC COMMENTS:**

Public notice was mailed to properties within 300 feet of this property on November 10, 2016. A legal advertisement was published in the Laramie Boomerang on Saturday, November 12, 2016. To date, staff has received no public comment.

**FINDINGS OF FACT AND CONCLUSIONS OF LAW:**Findings of Fact:

- The request complies with the applicable zoning requirements of Laramie Municipal Code, Title 15.
- Establishing I2 (Industrial) District zoning for the property is consistent with the Future Land Use Map (Map 3.2) and related goals and policies of the Comprehensive Plan (2007).

Conclusions of Law:

- The amendment to the zoning map is being processed pursuant to Wyoming State Statutes Title 15 Cities and Towns, Article 6 Zoning.
- Establishing I2 (Industrial) District zoning for the property is consistent with the Comprehensive Plan's Future Land Use (FLU) Map (Map 3.2).

**ALTERNATIVES:**

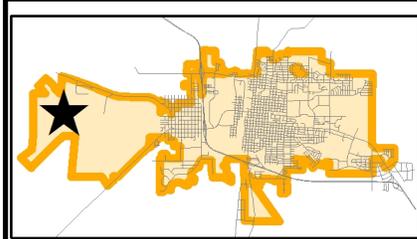
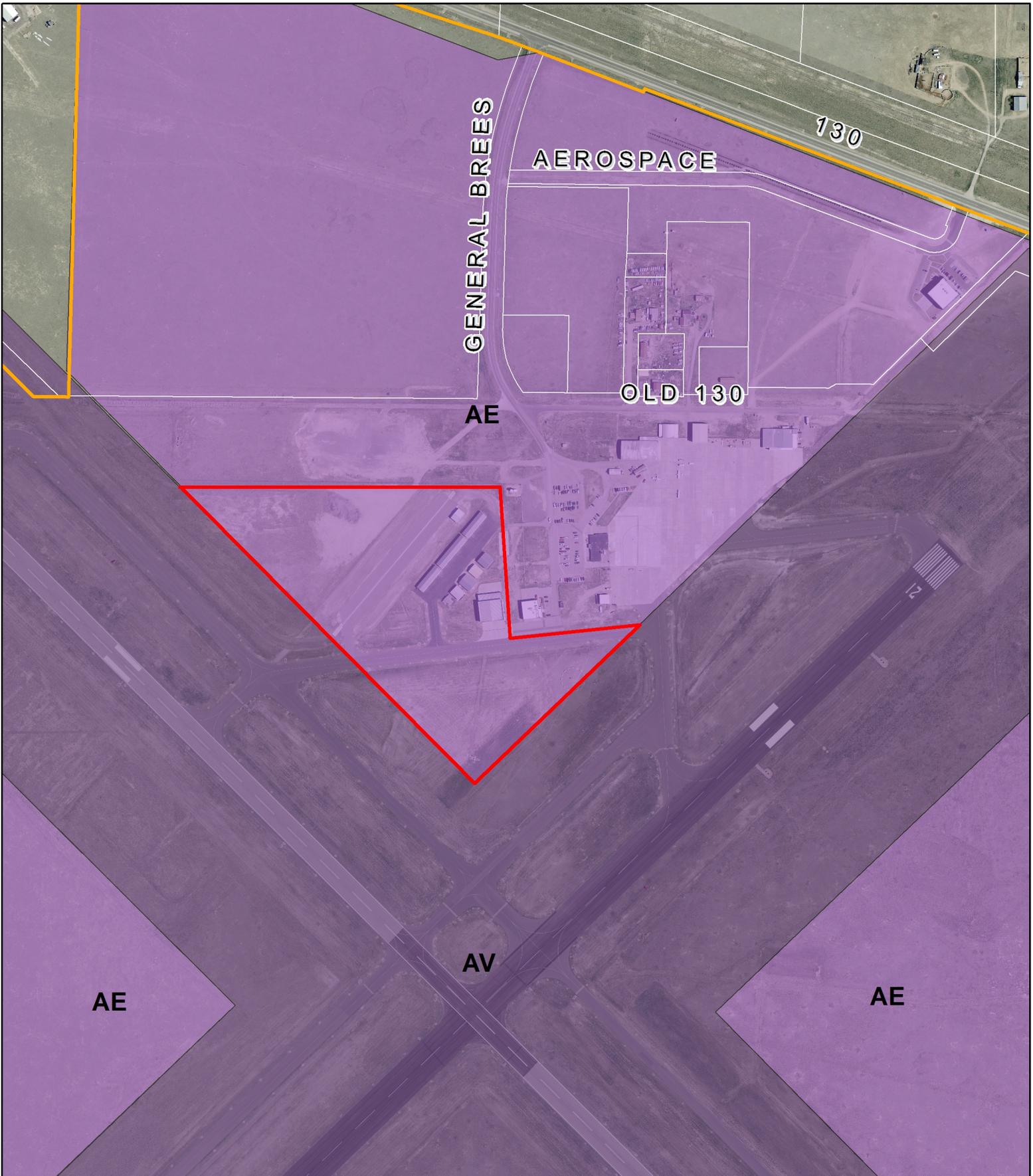
1. Approve the rezoning as recommended by staff, based on findings of fact and conclusion of law. **(Staff's recommendation)**
2. Approve the rezoning with other modifications, based on findings of fact and conclusion of law.
3. Deny the rezoning based on findings of denial. Since staff recommends approval, the Planning Commission must conclude that the rezoning does not meet all of the findings. As part of the motion, findings for denial must be stated.
4. Postpone the rezoning until issues identified during the meeting can be resolved with the applicant.

**STAFF RECOMMENDATION:**

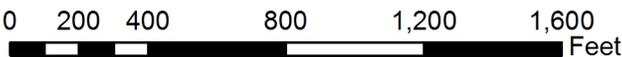
Staff recommends **approval** of the request to rezone a portion of the Laramie Regional Airport at 555 General Brees Road from AE (Airport Enterprise) to AV (Aviation) which encompasses an area approximately 26.5 acres in size, based on findings of fact and conclusions of law.

## **ATTACHMENTS**

1. Vicinity Map (1 page)
2. Applicant Cover Letter (1 page)



Z-16-05  
 Rezone AE to AV



This Data contained herein was compiled from various sources for the sole use of the City of Laramie. REVIEW OF THIS DATA FOR ACCURACY AND ANY NECESSARY EDITING HAS NOT BEEN COMPLETED AT THIS TIME. Any use of the data by anyone other than the City of Laramie, and its members, is at the sole risk of the user, and by acceptance of this data, the user does hereby hold the City of Laramie, and its members, harmless and without liability from any claims, costs, or damages of any nature against the City of Laramie, including cost of defense arising from improper use of data, or use by other party. Acceptance or use of this data is done without any expressed or implied warranties.





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LARAMIE REGIONAL AIRPORT - 555 GENERAL BREES ROAD - LARAMIE, WYOMING 82070 - (307) 742-4164

Derek Teini  
Planning Manager  
City of Laramie , Planning Division  
PO Box C, Laramie, WY 82073

October 4, 2016

Derek,

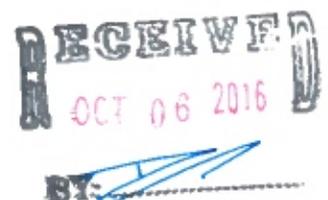
Attached is an application for "Rezoning" from Laramie Regional Airport. The rezoning is a request to rezone a portion of the AE zone to the AV zone. The property that the Airport is requesting to be rezoned includes taxi-lanes F1 and F2, and the land and hangars adjacent to the taxi-lanes. This is considered the "private hangar" area on the Airport and does not have public access. It was the intent of the Airport to include this area in the AV zone when these zones were developed in 2004.

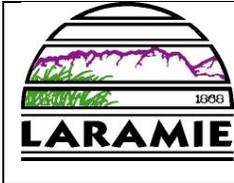
The Federal Aviation Administration (FAA) has stressed the importance of protecting/securing the airfield at Commercial Service Airports through land-use and zoning requirements. FAA planners agree that private hangars that are located on taxi-lanes, and do not have public access should be included in the AV zone.

Included with this application is a vicinity map showing the property the Airport is requesting to be rezoned. The property is protected by an eight (8) foot security fence and a keypad drive-thru gate.

Thanks for considering our request, and should you need additional information please contact me.

Jack Skinner  
Airport Manager





**Agenda Item: Original Ordinance - 2nd Reading**

**Title:** Original Ordinance No. 1960 amending Title 15 of Laramie Municipal Code for the purposes of amending Chapter 15.14 to alter the landscaping requirements for properties zoned AV (Aviation).

**Recommended Council MOTION:**

Move to **approve** Original Ordinance No. 1960 on second reading as recommended by the Planning Commission, that would amend Table 15.14.050-2 – Landscaping Requirements, and create exemptions for the AV (Aviation) zoning district within LMC 15.08.050.A.5.h of the Unified Development Code, based on finding of fact and conclusions of law.

---

**Administrative or Policy Goal:**

“... this code should be regularly reviewed, evaluated and amended, if necessary, based on private and city economic conditions, vision for the community, changing planning and zoning principles, frequent difficulty in implementing or enforcing any specific standard(s), or changes in the state, federal or case law. All city or citizen initiated amendments must be adequately vetted through the public hearing processes identified in the code.” (Sec. 15.02.050, LMC)

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**Background:**

The present amendment would allow alteration to the landscaping requirements of Laramie Municipal Code to allow for the relocation of landscaping required for development within the AV (Aviation) zone to be placed on the same property, or on property owned by the AV zoned property and does not have to be within the AV Zoning District. Furthermore, this amendment would alter how the landscaping requirements are calculated; allowing requirements to be based off of development area as opposed to the total site perimeter distance.

The proposed amendment would alter Table 15.14.050-2 in the Laramie Municipal Code and establish exemptions for the AV zoning district in LMC 15.08.050.A.5.h to allow landscaping to be calculated by square footage of development area, specifically ten (10) landscaping units for each 1,000 square feet of development area. Additionally, the proposed amendment would allow the required landscaping to be located on a developed site, or on another site owned by the same owner. This would allow for increased safety on AV zoned sites, and increased aesthetics of more appropriately zoned sites.

Staff believes that an amendment to the landscaping requirements in this manner is a beneficial change to the Laramie Municipal Code. This amendment would not remove the requirement for landscaping, but rather change the way the landscaping requirements are calculated and allow more flexibility with the location of needed landscaping in a way that is attractive to the supporting businesses, and safer for the public using airport facilities in an aviation capacity.

On November 28, 2016 the Laramie Planning considered the amendment and recommended approval [6 yes, 0 no and 1 absent].

This item was approved (7 yes, 0 no, 2 absent) on 1<sup>st</sup> Reading by the City Council on December 20, 2016.

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**Legal/Statutory Authority:**

Per UDC adoption stipulation (see quoted section above); also per W.S. 15-1-5 (Cities – Planning), W.S. 15-1-6 (Cities – Zoning), W.S. 34-12 (Platting and Dedication), and related statutes.

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**BUDGET/FISCAL INFORMATION:****REVENUE**

Source	Amount	Type
Fees/Charges for Service	\$625.00	Application Fee
Grants for Projects		
Loans on Project		
Other		
Total	\$625.00	

**Responsible Staff:**

Eric Conner, Associate Planner  
721-5344

Future dates are subject to change

Work Session	
Advertised	
Public Hearing Held	January 17, 2017
Pub. Hearing Advertised	December 24, 2016
Introduction/1 <sup>st</sup> Reading	December 20, 2016
2 <sup>nd</sup> Reading	January 17, 2017
3 <sup>rd</sup> Reading	February 7, 2017

Attachments: Original Ordinance  
No. 1960 and attachment, Planning Commission Staff Report 11/28/2016

ORIGINAL ORDINANCE NO: 1960  
ENROLLED ORDINANCE NO.: \_\_\_\_\_

INTRODUCED BY: SHUSTER

AN ORDINANCE AMENDING TITLE 15 OF LARAMIE MUNICIPAL CODE FOR THE PURPOSES OF AMENDING CHAPTER 15.14 AND TABLE 15.14.050-2.

WHEREAS, on August 21, 2007, the City Council adopted the Laramie Comprehensive Plan which lists as one of its recommendations to create a unified development code that would combine the zoning and subdivision ordinances in into a single, unified document consisting of multiple parts or sections, including administrative procedures, zoning, subdivision regulations and improvement standards.

WHEREAS, on June 22, 2009 the Laramie Planning Commission affirmatively voted to recommend to the Laramie City Council adoption of the Unified Development Code subject to modifications;

WHEREAS, on March 2, 2010, the City Council adopted the unified development code with an effective date of July 1, 2010.

WHEREAS, 15.02.050 of the Laramie Municipal Code (LMC) calls for the Unified Development Code to be amended from time to time so as to become or remain consistent the Comprehensive Plan, and should be regularly reviewed, evaluated and amended, if necessary, based on private and city economic conditions, vision for the community, changing planning and zoning principles, frequent difficulty in implementing or enforcing any specific standard(s), or changes in the state, federal or case law.

WHEREAS, on October 6, 2016, Jack Skinner, representing the Laramie Regional Airport submitted a Code Text Amendment application recommending revisions to 15.08.050.A.5.h (Landscaping) and Table 15.14.050-2 (Applicability of Site Perimeter Landscaping) to create a landscaping exception for properties zoned AV (Aviation);

WHEREAS, on November 28, 2016 the Laramie Planning Commission affirmatively voted to recommend to the Laramie City Council approval of amendments to the Unified Development Code as shown in this ordinance;

WHEREAS, notice of a public hearing in compliance with Wyo. Stat. §15-1-602 will be published in the *Laramie Boomerang* on December 24, 2016; and

WHEREAS, the Laramie City Council ~~shall hold~~ **held** a public hearing on January 17, 2017 to take and consider public comments;

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LARAMIE:

**Section 1.** That LMC subsection 15.08.040.B.3.b.(i) be amended as shown in Attachment A.

**Section 2.** That if any section, subsection, sentence, clause, phrase, graphic, or portion of this ordinance is for any reason held invalid or deemed unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate distinct and independent provision and such holding shall be deemed a separate and distinct and independent provision and such holding shall not affect the validity of the remaining provisions of this ordinance; and

**Section 3.** That this ordinance shall become effective after its passage, approval and its publication.

Passed and approved this \_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Andi Summerville, Mayor and President of the  
City Council

Attest: \_\_\_\_\_  
Angie Johnson  
City Clerk

First Reading: December 20, 2016  
Public Hearing: January 17, 2017  
Second Reading: January 17, 2017  
Third Reading and Final Action: February 7, 2017

Duly published in the *Laramie Boomerang* this \_\_\_\_ day of \_\_\_\_\_, 2016.

## Attachment A:

**Table 15.14.050-2**

<b>TABLE 15.14.050-2: APPLICABILITY OF SITE PERIMETER LANDSCAPING</b>									
<b>District of Proposed Development</b>	<b>Required Level of Site Perimeter Landscaping (Level 1, 2 or 3) Adjacent to the Following Zoning Districts or Streets:</b>								
	<b>AG, RR, O</b>	<b>LR, R1, R2, R2M</b>	<b>R3</b>	<b>NB, B1, B2</b>	<b>DC, C2</b>	<b>LM, IP, I1, AV, AE</b>	<b>I2</b>	<b>Freeway</b>	<b>Collector, Arterial, Expressway</b>
<b>AG, RR, O</b>	N/A	L2	L2	L3	L4	L3	L4	L4	L2
<b>LR, R1, R2, R2M</b>	L2	L1	L1	L1	L2	L3	L4	L4	L2
<b>R3</b>	L3	L2	L1	L1	L2	L3	L4	L4	L2
<b>NB, B1, B2</b>	L3	L3	L3	L1	L1	L3	L4	L4	L2
<b>DC, C2</b>	L3	L3	L3	L3	L1	L2	L4	L4	L2
<b>LM, IP, I1, AV, AE</b>	L3	L3	L3	L3	L2	L1	L2	L4	L2
<b>AV</b>	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
<b>I2</b>	L4	L4	L4	L4	L4	L2	L2	L4	L2
<b>Non-residential use in R zone</b>	L3	L2	L2	L2	L2	L3	L4	L4	L2

\* Refer to Exceptions section 15.08.050.A.5.h.1.d

### 15.08.050.A.5.h

#### **h. Landscaping**

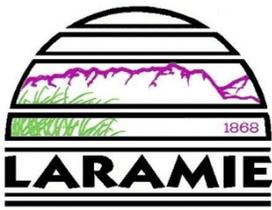
The provisions of section 15.14.050 shall apply.

##### **1. Exceptions**

- a.** Site perimeter requirements for lots and parcels in the DC District shall be required pursuant to subsection 15.08.030.E.2.c, Development Standards.
- b.** Site perimeter requirements may be reduced up to 100 percent for projects on lots and parcels allowing setbacks less than the required site perimeter yard width through the Alternative Equivalent Compliance requirements of subsection 15.06.060.K. Reductions shall only apply to lots and parcels where the primary building setback is

less than the specific required perimeter landscaping width as shown in Table 15.14.050.A. Reductions shall only apply to specific required site perimeter areas between the property line and proposed principal building. A zero side setback requirement shall not be construed to allow a reduced rear yard setback.

- c. As part of alternative equivalent compliance review, the city may consider landscaping in the adjacent public right-of-way as a substitution for some or all of the required onsite street frontage landscaping, where in the opinion of the department the proposed public right-of-way landscaping meets the intent of this chapter. Any property owner requesting to landscape the public right-of-way as an alternative shall be required to maintain the landscaping into perpetuity unless the landscaped area is accepted for maintenance by the city. In addition to substituting for street frontage landscaping, public right-of-way landscaping may be substituted for other required landscaping if approved by the department. This may include the landscaping of public right-of-way or public lands within the city on a separate unrelated site in some cases where in the opinion of the department the public landscaping proposed will have significantly greater community benefit.
- d. **For all uses located within the AV zoning district, landscaping requirements shall follow the requirements outlined below. No perimeter landscaping is required that would be subject to 15.14.050.F – Site Perimeter Landscaping, and Table 15.14.050-2: Applicability of Site Perimeter Landscaping.**
  - (i) **Ten (10) landscaping units shall be required for each 1,000 square feet of development area, including the building, parking or any other area necessary for the operation of the development proposed and as depicted in the Site Plan Application.**
  - (ii) **All units shall be awarded based upon Table 15.14.050-4: Landscaped Units Awarded, and all other standards set forth in 15.14.050, Landscaping and Screening Standards shall be required.**
  - (iii) **All required landscaping shall be planted on the proposed property, or on property owned by the same individual or individuals as the AV Zoned property and shall be within the AV or AE Zoning District.**



# City of Laramie

Planning Division  
P.O. Box C  
Laramie, WY 82073

Telephone: (307) 721-5271  
Fax: (307) 721-5248

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## LARAMIE PLANNING COMMISSION NOVEMBER 28, 2016 STAFF REPORT

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**FILE:** TA-16-08: Amending Landscaping Requirements for AV (Aviation) Zoning District

**REQUEST:** An amendment to Chapter 15.14 of the Unified Development Code to alter the landscaping requirements for properties zoned AV (Aviation).

**APPLICANT:** Laramie Regional Airport (Jack Skinner)

**PURPOSE:** To allow for an amendment to the Unified Development Code that would allow for a change in the Landscaping Requirements for the AV (Aviation) zoning district, and flexibility in landscaping placement on property owned by the same person where the development is occurring.

**PREPARED BY:** Eric Conner, Associate Planner

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### RECOMMENDED MOTION:

Move to recommend that the Council **approve** amendments to Title 15 (Unified Development Code) of the Laramie Municipal Code for the purposes of amending the landscaping requirements for properties zoned AV (Aviation).

### APPLICABLE CODE SECTION(S):

Text Amendments must be reviewed by the Planning Commission and City Council. Planning Commission action is forwarded to the City Council as a recommendation.

- Laramie Municipal Code Title 15, Unified Development Code
- Wyoming State Statutes Title 15 Cities and Towns, Article 5 Planning

### BACKGROUND AND SUMMARY:

The present amendment would allow alteration to the landscaping requirements of Laramie Municipal Code to allow for the relocation of landscaping required for development within the AV (Aviation) zone to be placed on the same property, or on property owned by the AV zoned property and does not have to be within the AV Zoning District. Furthermore, this amendment would alter how the landscaping requirements are calculated; allowing requirements to be based off of development area as opposed to the total site perimeter distance.

The proposed amendment would alter Table 15.14.050-2 in the Laramie Municipal Code and establish exemptions for the AV zoning district in LMC 15.08.050.A.5.h to allow landscaping to be calculated by square footage of development area, specifically ten (10) landscaping units for each

1,000 square feet of development area. Additionally, the proposed amendment would allow the required landscaping to be located on developed site, or on another site owned by the same owner. This would allow for increased safety on AV zoned sites, and increased aesthetics of more appropriately zoned sites.

Staff reached out for comments by the Parks and Recreation Advisory Board; however Parks and Recreation Director Todd Feezer informed staff it was not within the scope of the Board. Staff agrees with this interpretation by Director Feezer.

#### Relationship to Comprehensive Plan

[Chapter 8](#) (Transportation) of the Comprehensive Plan evaluates the current transportation elements available to Laramie and provides guidance for future transportation system expansion. The section that speaks about air travel mentions the importance to minimize the risks to public safety and hazards to aviation users and those employed or residing in proximity to public aviation facilities. Staff believes that full landscaping within certain areas of the Laramie Regional Airport can potentially lead to hazards and risk to public safety due to impaired vision as well as increased animal activity within vegetated areas (2007 Laramie Comprehensive Plan p 8-13).

#### Discussion:

Staff believes that an amendment to the landscaping requirements in this manner is a beneficial change to the Laramie Municipal Code. This amendment would not remove the requirement for landscaping, but rather change the way the landscaping requirements are calculated and allow more flexibility with the location of needed landscaping in a way that is attractive to the supporting businesses, and safer for the public using airport facilities in an aviation capacity.

#### **PUBLIC COMMENTS:**

This amendment was legally advertised in the Laramie Boomerang on November 12, 2016. Staff has received no comments regarding this proposed amendment to the UDC.

#### **FINDINGS OF FACT:**

The amendment is found to be in accordance with substantive and procedural requirements and necessities in City of Laramie code.

#### **CONCLUSIONS OF LAW:**

The amendment is proceeding in accordance with applicable law, including LMC Title 15.

#### **STAFF RECOMMENDATION:**

Staff recommends to recommend that the Council **approve** amendment to Title 15 (Unified Development Code) of the Laramie Municipal Code for the purposes of amending the landscaping requirements for properties zoned AV (Aviation).

**ATTACHMENTS:**

1. Example Code Amendment
2. Cover Letter

Landscaping Changes to AV Zone

**Table 15.14.050-2**

<b>TABLE 15.14.050-2: APPLICABILITY OF SITE PERIMETER LANDSCAPING</b>									
<b>District of Proposed Development</b>	<b>Required Level of Site Perimeter Landscaping (Level 1, 2 or 3) Adjacent to the Following Zoning Districts or Streets:</b>								
	<b>AG, RR, O</b>	<b>LR, R1, R2, R2M</b>	<b>R3</b>	<b>NB, B1, B2</b>	<b>DC, C2</b>	<b>LM, IP, I1, AV AE</b>	<b>I2</b>	<b>Freeway</b>	<b>Collector, Arterial, Expressway</b>
<b>AG, RR, O</b>	N/A	L2	L2	L3	L4	L3	L4	L4	L2
<b>LR, R1, R2, R2M</b>	L2	L1	L1	L1	L2	L3	L4	L4	L2
<b>R3</b>	L3	L2	L1	L1	L2	L3	L4	L4	L2
<b>NB, B1, B2</b>	L3	L3	L3	L1	L1	L3	L4	L4	L2
<b>DC, C2</b>	L3	L3	L3	L3	L1	L2	L4	L4	L2
<b>LM, IP, I1, AV, AE</b>	L3	L3	L3	L3	L2	L1	L2	L4	L2
<b>AV</b>	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
<b>I2</b>	L4	L4	L4	L4	L4	L2	L2	L4	L2
<b>Non-residential use in R zone</b>	L3	L2	L2	L2	L2	L3	L4	L4	L2

\* Refer to Exceptions section 15.08.050.A.5.h.1.d

**15.08.050.A.5.h**

**h. Landscaping**

The provisions of section 15.14.050 shall apply.

**1. Exceptions**

- a. Site perimeter requirements for lots and parcels in the DC District shall be required pursuant to subsection 15.08.030.E.2.c, Development Standards.
- b. Site perimeter requirements may be reduced up to 100 percent for projects on lots and parcels allowing setbacks less than the required site perimeter yard width through the Alternative Equivalent Compliance requirements of subsection 15.06.060.K. Reductions shall only apply to lots and parcels where the primary building setback is less than the specific required perimeter landscaping width as shown in Table 15.14.050.A. Reductions shall only apply to specific required

site perimeter areas between the property line and proposed principal building. A zero side setback requirement shall not be construed to allow a reduced rear yard setback.

- c. As part of alternative equivalent compliance review, the city may consider landscaping in the adjacent public right-of-way as a substitution for some or all of the required onsite street frontage landscaping, where in the opinion of the department the proposed public right-of-way landscaping meets the intent of this chapter. Any property owner requesting to landscape the public right-of-way as an alternative shall be required to maintain the landscaping into perpetuity unless the landscaped area is accepted for maintenance by the city. In addition to substituting for street frontage landscaping, public right-of-way landscaping may be substituted for other required landscaping if approved by the department. This may include the landscaping of public right-of-way or public lands within the city on a separate unrelated site in some cases where in the opinion of the department the public landscaping proposed will have significantly greater community benefit.
- d. **For all uses located within the AV zoning district, landscaping requirements shall follow the requirements outlined below. No perimeter landscaping is required that would be subject to 15.14.050.F – Site Perimeter Landscaping, and Table 15.14.050-2: Applicability of Site Perimeter Landscaping.**
  - (i) **Ten (10) landscaping units shall be required for each 1,000 square feet of development area, including the building, parking or any other area necessary for the operation of the development proposed and as depicted in the Site Plan Application.**
  - (ii) **All units shall be awarded based upon Table 15.14.050-4: Landscaped Units Awarded, and all other standards set forth in 15.14.050, Landscaping and Screening Standards shall be required.**
  - (iii) **All required landscaping shall be planted on the proposed property, or on property owned by the same individual or individuals as the AV Zoned property and shall be within the AV or AE Zoning District.**



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LARAMIE REGIONAL AIRPORT - 555 GENERAL BRES ROAD - LARAMIE, WYOMING 82070 - (307) 742-4164

Derek Teini  
Planning Manager  
City of Laramie , Planning Division  
PO Box C, Laramie, WY 82073

October 4, 2016

Derek,

Attached is an application for a "Code Text Amendment" from Laramie Regional Airport. The text amendment is a request to remove landscaping from the AV zone. Landscaping within the AV zone would create a wildlife attractant that could be a safety hazard for the safe operation of aircraft in and around Laramie Airport. Airport property within the AV zone does not have public access – only authorized personnel are allowed access.

The Federal Aviation Administration (FAA) has worked closely with Airports in the United States during the last 10 years to limit and/or remove wildlife habitat from runways, taxiways, and approaches to runways. Laramie Regional Airport recently completed a "Wildlife Hazard Study" that is being reviewed by the FAA, and the next step will involve the implementation of a "Wildlife Management Plan" for the Airport.

Laramie Regional Airport is proposing that instead of requiring landscaping within the AV zone, that landscaping may be placed on property owned by the Airport within the AE zone. For wording and landscape requirements please see the document attached to this letter.

Thanks for considering our request, and should you need additional information please contact me.

Jack Skinner  
Airport Manager



## **FUTURE CITY COUNCIL WORK SESSIONS 1/17/2017**

### **Requested by Council Formal Action:**

City Curb & Gutter Policy (Paulekas)

Review of Inter-Agency City/County Agreements (Hanson)

Review of funding allocation for Child Care providers (Paulekas)

Open 311 (Summerville)

Turner Tract Plan Update (Summerville)

ACTA (Albany County Transportation Authority)/MPO (Summerville)

Tech Hire Grant Program (Summerville)

West Side Development (Henry)

\*Boards & Commissions (Pearce)

\*3<sup>rd</sup> Street Mobility Report (Summerville)

Rental Program (Summerville)

Taxi Ordinance (Paulekas)

Parking (Shumway)

### **Requested by Staff:**

Downtown Design Guidelines Revisions (CD)

\*(Under Public Works Updates) Storm Water Program and Funding (Jaap/Jordan)

\*(Under Public Works Updates) North-Side Tank Project (Smith)

Wastewater Master Plan (Smith)

NIMS Training [100, 300, 700] (Jordan)

\*Community Partners Presentations (Jordan)

\* Scheduled, not held.

## **UPCOMING COUNCIL MEETINGS January 17, 2017**

All meetings at City Hall, 406 Iverson Street, unless noted.

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### **January 17, 2017**

**6:00 p.m. - Pre-Council**

**6:30 p.m. - Public Hearing:** Original Ordinance No. 1959: Amending Chapter 15.14 to alter landscaping requirements for AV (Aviation) District.

**6:30 p.m. - Public Hearing:** Original Ordinance No. 1960: Rezoning portion of Laramie Regional Airport from AE (Airport Enterprise) to AV (Aviation).

**6:30 p.m. - Regular Meeting**

### **January 24, 2017**

**6:00 p.m. - Work Session:** Public Comments

**6:00 p.m. - Work Session:** Public Works Project Updates *(tentative)*

**6:00 p.m. - Work Session:** City Council Updates/Council Comments

**6:00 p.m. - Work Session:** Agenda Review

**6:00 p.m. - Work Session:** Public Comments

### **January 31, 2017**

**6:00 p.m. - Ward Meetings:** **Ward 1** - Fire Station 3

**Ward 2** - Council Chambers, City Hall

**Ward 3** - Fire Station 2

### **February 7, 2017**

**6:00 p.m. - Pre-Council**

**6:30 p.m. - Regular Meeting**

### **February 11, 2017**

**8:30 a.m. - Council Retreat:** Recreation Center

### **February 14, 2017**

**6:00 p.m. - Work Session:** Public Comments

**6:00 p.m. - Work Session:** 3<sup>rd</sup> Street Mobility *(tentative)*

**6:00 p.m. - Work Session:** City Council Updates/Council Comments

**6:00 p.m. - Work Session:** Agenda Review

**6:00 p.m. - Work Session:** Public Comments

### **February 21, 2017**

**6:00 p.m. - Pre-Council**

**6:30 p.m. - Regular Meeting**

### **February 28, 2017**

**6:00 p.m. - Work Session:** Public Comments

**6:00 p.m. - Work Session:** Community Partner Presentations- Joint Meeting w/ County Commissioners *(tentative)*

**6:00 p.m. - Work Session:** City Council Updates/Council Comments

**6:00 p.m. - Work Session:** Agenda Review

**6:00 p.m. - Work Session:** Public Comments

### **March 7, 2017**

**6:00 p.m. - Pre-Council**

**6:30 p.m. - Regular Meeting**

**UPCOMING COUNCIL MEETINGS January 17, 2017**

All meetings at City Hall, 406 Iverson Street, unless noted.

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**March 11-15, 2017**

**NLC (Washington, DC)**

**March 14, 2017**

- 6:00 p.m. - Work Session:** Public Comments
- 6:00 p.m. - Work Session:** City Council Updates/Council Comments
- 6:00 p.m. - Work Session:** Agenda Review
- 6:00 p.m. - Work Session:** Public Comments

**March 21, 2017**

- 6:00 p.m. - Pre-Council**
- 6:30 p.m. - Regular Meeting**

**March 28, 2017**

- 6:00 p.m. - Work Session:** Public Comments
- 6:00 p.m. - Public Hearing:** Liquor License Renewals **(tentative)**
- 6:00 p.m. - Work Session:** City Council Updates/Council Comments
- 6:00 p.m. - Work Session:** Agenda Review
- 6:00 p.m. - Work Session:** Public Comments

**April 4, 2017**

- 6:00 p.m. - Pre-Council**
- 6:30 p.m. - Regular Meeting**

**April 11, 2017**

- 6:00 p.m. - Work Session:** Public Comments
- 6:00 p.m. - Work Session:** City Council Updates/Council Comments
- 6:00 p.m. - Work Session:** Agenda Review
- 6:00 p.m. - Work Session:** Public Comments

**April 18, 2017**

- 6:00 p.m. - Pre-Council**
- 6:30 p.m. - Regular Meeting**

**April 25, 2017**

- 6:00 p.m. - Work Session:** Public Comments
- 6:00 p.m. - Work Session:** City Council Updates/Council Comments
- 6:00 p.m. - Work Session:** Agenda Review
- 6:00 p.m. - Work Session:** Public Comments