

PUBLIC NOTICE

AGENDA

LOCKHART CITY COUNCIL

TUESDAY, NOVEMBER 17, 2020

CLARK LIBRARY ANNEX-COUNCIL CHAMBERS
217 SOUTH MAIN STREET, 3rd FLOOR
LOCKHART, TEXAS

COUNCILMEMBER VIDEO AND AUDIO CONFERENCE PARTICIPATION

Pursuant to Section 551.127 of the Texas Government Code, one or more members of the Lockhart City Council may participate in a meeting remotely, following certain guidelines and notice requirements. The member of the Council presiding over the meeting will be physically present at the above public location. Video and audio conference equipment providing two-way video/audio communication with each member participating remotely will be made available, and each portion of the meeting held by video/audio conference that is required to be open to the public can be heard by the public at the location specified.

CITIZEN AND COUNCILMEMBER VIDEO/AUDIO VOLUNTARY CONFERENCE PARTICIPATION

- *Join virtual meetings via Zoom.*
- *Mayor will call upon each citizen registered to address the Council during the agenda item.*
- *Attendees may also call in to listen only.*
- *Council agenda packets can be reviewed at http://www.lockhart-tx.org/page/gov_agendas_minutes*
- *Individuals may watch the Council meeting online at http://www.lockhart-tx.org/page/gov_meeting_videos*

PUBLIC COMMENT

Persons wishing to "speak" during the public comment period of a public meeting must submit their written comments to cconstancio@lockhart-tx.org no later than 12 p.m. (noon) on the day of the meeting. Timely submitted comments will be read aloud by the Mayor during the public comment portion of the meeting.

PUBLIC HEARINGS

Persons wishing to participate in any public hearing item listed on the agenda may do so as follows:

- Send written comments which will be read aloud; or
- Request a link to join the public hearing portion of the virtual meeting.
Written comments or requests to join a public hearing by virtual meeting must be sent to cconstancio@lockhart-tx.org no later than 12 p.m. (Noon) on the day of the hearing. Comments shall have a time limit of three minutes each. Citizens who join the public hearing virtually will be provided a link and call-in number to participate remotely.

Comments whether during public hearings or public comment periods, shall have a time limit of three minutes each. Any threatening, defamatory or other similar comments are prohibited.

6:30 P.M.

WORK SESSION (No Action)

Work session will be held to receive briefings and to initially discuss all items contained on the Agenda posted for 7:30 p.m. Generally, this work session is to simplify issues as it relates to the agenda items. No vote will be taken on any issue discussed or reviewed during the work session.

DISCUSSION ONLY

- A. Discuss minutes of the City Council meeting of November 5, 2020. 6-10
- B. Discuss bid to Lone Star Paving of Austin, Texas, in the amount of \$310,070.00 for the 2020 Street Improvements Project Phase II to include street improvements to West Market Street, Frio Street, Clearfork Street, Farmer Street, Lee Lane, Luanne Lane, Wilson Street, Ward Street, Monte Vista Street, Apple Street and Elm Street, and appointing the Mayor to sign all contractual documents. 11-15
- C. Discuss renewing the contract with Gene Bagwell, dba, Maintenance Management of San Marcos, Texas for one-year for cemetery maintenance mowing services in the West Section of the Lockhart Municipal Burial Park on North Colorado Street in the amount of \$53,248.40, and appointing the Mayor to sign the contract document if approved. 16-21
- D. Discuss the purchase of a 2021 Pierce Manufacturing Custom Pumper Fire Apparatus through Siddons-Martin Emergency Group utilizing Texas BuyBoard Purchasing Cooperative and to consider Ordinance 2020-27 approving Budget Amendment #50 increasing expenditures in the General Fund by \$599,990 to purchase a 2021 Pierce Custom Pumper Fire Apparatus. 22-86
- E. Discuss Road Construction and Reimbursement Agreement between Continental Homes of Texas, L.P., and the City of Lockhart, for an extension of Maple Street in conjunction with the development of the proposed Vintage Springs Subdivision. 87-106
- F. Discuss contract for solid waste services. 107-134
- G. Discuss the Mayor's declaration of local disaster regarding requiring face coverings, and addressing other matters related to COVID-19, if necessary. 135-157
- H. Discuss Resolution 2020-27 canvassing the General Election held on November 3, 2020 for the election of Mayor, Councilmember District 3, and Councilmember District 4. 167-170

7:30 P.M. REGULAR MEETING

- 1. **CALL TO ORDER**
Mayor Lew White
- 2. **INVOCATION, PLEDGE OF ALLEGIANCE**
Invocation.
Pledge of Allegiance to the United States and Texas flags.

3. **PUBLIC COMMENT**

(The purpose of this item is to allow the public an opportunity to address the City Council on issues that are or are not on the agenda. No discussion can be carried out on the citizen/visitor comment about items not on the agenda.)

4. **CONSENT AGENDA**

- A. Approve minutes of the City Council meeting of November 5, 2020. 6-10
- B. Award bid to Lone Star Paving of Austin, Texas, in the amount of \$310,070.00 for the 2020 Street Improvements Project Phase II to include street improvements to West Market Street, Frio Street, Clearfork Street, Farmer Street, Lee Lane, Luanne Lane, Wilson Street, Ward Street, Monte Vista Street, Apple Street and Elm Street, and appointing the Mayor to sign all contractual documents. 11-15
- C. Approve renewing the contract with Gene Bagwell, dba, Maintenance Management of San Marcos, Texas for one-year for cemetery maintenance mowing services in the West Section of the Lockhart Municipal Burial Park on North Colorado Street in the amount of \$53,248.40, and appointing the Mayor to sign the contract document if approved. 16-21
- D. Approve the purchase of a 2021 Pierce Manufacturing Custom Pumper Fire Apparatus through Siddons-Martin Emergency Group utilizing Texas BuyBoard Purchasing Cooperative and to consider Ordinance 2020-27 approving Budget Amendment #50 increasing expenditures in the General Fund by \$599,990 to purchase a 2021 Pierce Custom Pumper Fire Apparatus. 22-86

5. **DISCUSSION/ACTION ITEMS**

- A. Discussion and/or action to consider Road Construction and Reimbursement Agreement between Continental Homes of Texas, L.P., and the City of Lockhart, for an extension of Maple Street in conjunction with the development of the proposed Vintage Springs Subdivision. 87-104
- B. Discussion and/or action to consider contract for solid waste services. 107-134
- C. Discussion and/or action to consider the Mayor's declaration of local disaster regarding requiring face coverings, and addressing other matters related to COVID-19, if necessary. 135-157
- D. Discussion and/or action regarding appointments to various boards, commissions or committees. 158-166

6. **CITY MANAGER'S REPORT, PRESENTATION AND POSSIBLE DISCUSSION**

- Public Works Updates:
 - The new 500,000 gallon elevated water stage tank located on SH 130 and FM 2001 was placed in service on November 9th.
 - Update regarding Town Branch Trail - Phase II.
 - Road base additions in the City cemetery.
 - Groundbreaking ceremony for the Carrizo Groundwater Supply Project will be held on Friday, November 20th at 2 pm at the location of the well field.
- Library Updates:
 - Dickens Reverse Parade will be held on Saturday, December 5 from 7:00 p.m. to 8:30 p.m.
 - Virtual lighting of the Tree by Most Worthy Citizen, Vance Rodgers will be held on Friday, November 20 at 4:00 p.m. in the Clark Library. Video will be aired on December 5.
- Review of 2020 Financial Report.
- Solid waste collection schedule during the Thanksgiving holiday will change. No collection on Thanksgiving Day; Nov. 26 and Nov. 27 will slide to pick-up the next day.
- Tree of Angels proclamation will be presented during December 1 Council meeting. Video of Tree of Angels events will be aired on Facebook on December 7.

7. **COUNCIL AND STAFF COMMENTS – ITEMS OF COMMUNITY INTEREST**

*(**Items of Community Interest defined below)*

8. **COUNCIL ACTION REGARDING THE NOVEMBER 3, 2020 GENERAL ELECTION**

A. Discussion and/or action to consider Resolution 2020-27 canvassing the General Election held on November 3, 2020 for the election of Mayor, Councilmember District 3, and Councilmember District 4.

B. Administer Oath of Office to newly elected officials as follows:

- Mayor – Lew White
- Councilmember District 3 – Kara McGregor
- Councilmember District 4 – Jeffrey Michelson

9. **EXECUTIVE SESSIONS:**

EXECUTIVE SESSION IN ACCORDANCE WITH THE PROVISIONS OF THE GOVERNMENT CODE, TITLE 5, SUBCHAPTER D, SECTION 551.071, PRIVATE CONSULTATION WITH ITS ATTORNEY TO SEEK ADVICE ABOUT PENDING OR CONTEMPLATED LITIGATION; SETTLEMENT OFFER; OR LEGAL MATTERS SUBJECT TO ATTORNEY/CLIENT PRIVILEGE.

A. Discussion with City Attorney to receive legal advice regarding the Lockhart Housing Authority structures.

EXECUTIVE SESSION IN ACCORDANCE WITH THE PROVISIONS OF THE GOVERNMENT CODE, TITLE 5, SUBCHAPTER D, SECTION 551.087 TO DELIBERATE OR FOR DISCUSSION REGARDING COMMERCIAL OR FINANCIAL INFORMATION THAT THE GOVERNMENTAL BODY HAS RECEIVED FROM A BUSINESS PROSPECT THAT THE GOVERNMENTAL BODY SEEKS TO HAVE LOCATE, STAY, OR EXPAND IN OR NEAR THE TERRITORY OF THE GOVERNMENTAL BODY AND WITH WHICH THE GOVERNMENTAL BODY IS CONDUCTING ECONOMIC DEVELOPMENT NEGOTIATIONS; OR TO DELIBERATE THE OFFER OF A FINANCIAL OR OTHER INCENTIVE TO A BUSINESS PROSPECT.

A. Discussion regarding Economic Development negotiations with Project Future, Project Crimson and Project Al.

10. OPEN SESSION

A. Discussion and/or action regarding Lockhart Housing Authority structures.

B. Discussion and/or action regarding Economic Development negotiations with Project Future, Project Crimson and Project Al.

11. ADJOURNMENT

*** Items of Community Interest includes: 1) expressions of thanks, congratulations or condolence; 2) information regarding holiday schedules; 3) an honorary or salutary recognition of a public official, public employee, or other citizen, except that a discussion regarding a change in the status of a person's public office or public employment is not an honorary or salutary recognition for purposes of this subdivision; 4) a reminder about an upcoming event organized or sponsored by the governing body; 5) information regarding a social, ceremonial, or community event organized or sponsored by an entity other than the governing body that was attended or is scheduled to be attended by a member of the governing body or an official employee of the municipality; and 6) announcements involving an imminent threat to the public health and safety of people in the municipality that has arisen after the posting of the agenda. (SB 1182 - effective 09/01/2009)*

City Council shall have the right at anytime to seek legal advice in Executive Session from its Attorney on any agenda item, whether posted for Executive Session or not.

Posted on the bulletin board in the Municipal Building, 308 West San Antonio Street, Lockhart, Texas, on the 13th day of November 2020 at 2:50pm.

**REGULAR MEETING
LOCKHART CITY COUNCIL**

NOVEMBER 5, 2020

6:30 P.M.

**CLARK LIBRARY ANNEX-COUNCIL CHAMBERS, 217 SOUTH MAIN STREET, 3rd FLOOR,
LOCKHART, TEXAS**

Council present:

Mayor Pro-Tem Angie Gonzales-Sanchez
Councilmember Juan Mendoza
Councilmember Jeffry Michelson

Mayor Lew White
Councilmember Derrick David Bryant
Councilmember Kara McGregor
Councilmember Brad Westmoreland

Staff present:

Steven Lewis, City Manager
Monte Akers, City Attorney
Pam Larison, Finance Director
Bob Leos, Electric Superintendent

Connie Constancio, City Secretary
Miles Smith, Public Information Officer
Mike Kamerlander, Economic Development Director

Citizens/Visitors Addressing the Council: Brandon Alexander, Iron Ox, CEO.

Work Session 6:30 p.m.

Mayor White opened the work session and advised the Council, staff and the audience that staff would provide information and explanations about the following items:

DISCUSSION ONLY

A. DISCUSS MINUTES OF THE CITY COUNCIL MEETINGS OF OCTOBER 8, 2020 AND OCTOBER 20, 2020.

Mayor White requested corrections to the minutes. There were none.

B. DISCUSS RESOLUTION 2020-25 APPROVING UTILIZATION OF TREE TRIMMING SERVICE THROUGH THE LOWER COLORADO RIVER AUTHORITY (LCRA) AND MCCOY TREE SURGERY, CO. AND AUTHORIZING THE CITY MANAGER TO EXECUTE A CUSTOMER SERVICES CONTRACT FOR THAT PURPOSE.

Mr. Leos stated that staff recommends that the City continue the tree trimming program with McCoy Tree Surgery in an effort to reduce voltage flickers, outages, losses, and to improve public safety and satisfaction. Trees and tree limbs falling onto power lines is the most common cause of power outages. Downed power lines caused by falling trees are a public safety hazard. Utilities that fail to maintain a tree trimming program frequently experience higher than normal expenses during severe storm conditions, which include overtime, purchase of additional inventory to replace damaged poles, and wire and electric equipment. McCoy Tree Surgery was first awarded this project in FY 2019. There was no renewal clause in the contract, but staff was very satisfied with the tree trimming service. McCoy Tree Surgery specializes in vegetation management for the electric utility industry. Their pruning methods comply with industry standards for safety and tree care and are endorsed by the International Society of Arboriculture and Tree Care Industry. There is no charge to the customer for these services. Prior to trimming, door hangers (in English and Spanish) are left at the residences in the area and provide the name and phone number of the City's contractor. There was discussion.



C. DISCUSS AMENDING AND UPDATING INTERLOCAL AGREEMENT BETWEEN CITY OF LOCKHART AND THE LOWER COLORADO RIVER AUTHORITY (LCRA).

Mr. Akers stated that LCRA offers and maintains a program whereby it contracts with vendors of goods and services that support municipally-owned electric utilities and under which LCRA provides limited planning, repair, maintenance, testing, and inspection services for the City's electric distribution facilities. By agreement dated December 11, 1979, the City and LCRA agreed that LCRA would provide such goods and services to the City. Since 1979, the City has utilized the same for construction, tree-trimming and right-of-way clearing, and other projects. The purpose of the Interlocal Agreement is to update and replace the 1979 agreement. The proposed Interlocal Agreement (ILA) updates the terms and conditions under which LCRA and the City may purchase various goods and services commonly used by each Party through contracts with third party vendors entered into as a result of competitive procurement processes. The ILA provides that the City shall compensate LCRA for its actual cost of performing the Services, which may include all direct costs, indirect costs and other expenses, as applicable. The ILA shall be for a term of one year from the effective date and it shall automatically renew for up to four additional one-year terms. Mr. Akers recommended approval. There was discussion.

D. DISCUSS RESOLUTION 2020-24 APPROVING AN ECONOMIC DEVELOPMENT PERFORMANCE AGREEMENT BETWEEN THE LOCKHART ECONOMIC DEVELOPMENT CORPORATION (LEDC) AND IRON OX, INC. TO AUTHORIZE THE LOCKHART ECONOMIC DEVELOPMENT CORPORATION TO PROVIDE A GRANT OF \$25,000.00 TO IRON OX, INC. FOR CONSTRUCTION OF A SIDEWALK.

Mr. Kamerlander stated that Iron Ox is an operator of autonomous robotic greenhouses used to grow fresh and pesticide-free farm products that are accessible everywhere. It leverages plant science, machine learning, and robotics to increase the availability, quality, and flavor of leafy greens and culinary herbs that enable consumers to access naturally grown and chemical-free farm products. Iron Ox was established in 2015 and is headquartered in San Carlos, California. Having recently closed its Series B funding of \$20 million in September 2020, Iron Ox is constructing its second facility in Lockhart, Texas. This new 100,000 square foot or larger facility will be located on approximately 25 acres of land on Blackjack Street across from Lockhart Industrial Park I. The total capital investment is expected to be \$10 million initially and will provide at least 28 jobs. The performance agreement offers a maximum of \$25,000 to Iron Ox to provide funds for the construction of a sidewalk along Blackjack Street. This performance agreement and LEDC Resolution 2020-02 was passed unanimously by the LEDC Board during their meeting on October 19, 2020. Mr. Kamerlander recommended approval. There was discussion.

Brandon Alexander, CEO, Iron Ox provided details about their business and stated that they are ready to build their second facility in Lockhart. He thanked city staff and Council for their consideration.

E. DISCUSS THE LOCKHART ECONOMIC DEVELOPMENT CORPORATION BYLAWS, PROVIDING AMENDMENTS AND CLARIFICATIONS.

Mr. Kamerlander stated that the Lockhart Economic Development Corporation (LEDC) Bylaws have not been updated since the corporation was established. He explained clarifications throughout the Bylaws and the addition of an attendance policy for the board, which is similar to other city boards and commissions. The LEDC board meets monthly. Mr. Kamerlander recommended approval. There was discussion.

F. DISCUSS RESOLUTION 2020-26 APPROVING THE CERTIFIED PROPERTY TAX ROLL FOR THE 2020 TAX YEAR.

Ms. Larison stated that Section 26.09 of the Property Tax Code requires approval of the Property Tax Roll by the City Council of the City of Lockhart, Texas, with the tax amount presented by the Caldwell County Appraisal District for the 2020 tax year. The 2020 Property Tax Roll contains final amounts due totaling \$5,196,719.41. This amount is \$618,891 in excess of the budgeted amount of \$4,577,828 with \$867,945 being for debt service. Mr. Larison recommended approval. There was discussion.

G. DISCUSS ORDINANCE 2020-26 AMENDING CHAPTER 58, DIVISION 2, CAPTIONED “ELECTRIC RATES COMPUTATION”, SECTIONS 58-71 THROUGH 58-74 OF THE CODE OF ORDINANCES, INCLUDING REFERENCES TO THE ELECTRIC RATE MITIGATION POLICY AND DESIGNATING A NEW ACRONYM FOR THE RATE MITIGATION CHARGE THROUGHOUT THESE SECTIONS.

Ms. Larison stated that in 2014, staff was instructed to start a Rate Mitigation Fund in which customers would contribute a rate set by Council to lower electric billings during peak months such as, but not restricted to, July through September. During this time, a mitigation rate fund use guideline was established and to be used when applying for credits for customers’ rates. In 2018 through Ordinance 2018-23, Council defined the Rate Mitigation Change and set a rate at \$0.0026 per kWh by adding it to Chapter 58, Division 2, Sections 58-71 through 58-74. With increasing growth in the City of Lockhart and corresponding new utility accounts, it is staff’s conclusion that the guidelines need to be amended. The proposed policy would allow for growth and would allow for the rate mitigation credits to be returned to the customer within the same year. In summary, the responsibility of the Finance department would be to maintain a rolling average of monthly kilowatt usage from the Lower Colorado River Authority (LCRA) and American Electric Power (AEP). For every month that the kWh’s are above 6.5% of the rolling average, the Finance Director will credit the wholesale power purchase charge by \$0.0052; no more than six months per fiscal year. Ms. Larison recommended approval. There was discussion.

H. DISCUSS THE MAYOR’S DECLARATION OF LOCAL DISASTER REGARDING REQUIRING FACE COVERINGS, AND ADDRESSING OTHER MATTERS RELATED TO COVID-19, IF NECESSARY.

After discussion, the consensus of the Council was to leave the Declaration as currently written.

RECESS: Mayor White announced that the Council would recess for a break at 7:10 p.m.

REGULAR MEETING

ITEM 1. CALL TO ORDER.

Mayor Lew White called the meeting to order at 7:32 p.m.

ITEM 2. INVOCATION, PLEDGE OF ALLEGIANCE.

Mayor White gave the Invocation and led the Pledge of Allegiance to the United States and Texas flags.

ITEM 3. PUBLIC COMMENT.

Mayor White requested citizens to address the Council. There were none.

ITEM 4. CONSENT AGENDA.

Councilmember Michelson made a motion to approve consent agenda items 4A, 4B, 4C, 4D, 4E and 4F. Councilmember McGregor seconded. The motion passed by a vote of 7-0.

The following are the consent agenda items that were approved:

- 4A: Approve minutes of the City Council meetings of October 8, 2020 and October 20, 2020.
- 4B: Approve Resolution 2020-25 approving utilization of tree trimming service through the Lower Colorado River Authority (LCRA) and McCoy Tree Surgery, Co. and authorizing the City Manager to execute a customer services contract for that purpose.
- 4C: Approve amending and updating Interlocal Agreement between City of Lockhart and the Lower Colorado River Authority (LCRA).
- 4D: Approve Resolution 2020-24 approving an Economic Development Performance Agreement between the Lockhart Economic Development Corporation and Iron Ox, Inc. to authorize the Lockhart Economic Development Corporation to provide a grant of \$25,000.00 to Iron Ox, Inc. for construction of a sidewalk.
- 4E: Approve the Lockhart Economic Development Corporation Bylaws, providing amendments and clarifications.
- 4F: Approve Resolution 2020-26 approving the certified property tax roll for the 2020 tax year.

ITEM 5-A. DISCUSSION AND/OR ACTION TO CONSIDER ORDINANCE 2020-26 AMENDING CHAPTER 58, DIVISION 2, CAPTIONED "ELECTRIC RATES COMPUTATION", SECTIONS 58-71 THROUGH 58-74 OF THE CODE OF ORDINANCES, INCLUDING REFERENCES TO THE ELECTRIC RATE MITIGATION POLICY AND DESIGNATING A NEW ACRONYM FOR THE RATE MITIGATION CHARGE THROUGHOUT THESE SECTIONS.

Mayor Pro-Tem Sanchez made a motion to approve Ordinance 2020-26, as presented. Councilmember Bryant seconded. The motion passed by a vote of 7-0.

ITEM 5-B. DISCUSSION AND/OR ACTION TO CONSIDER THE MAYOR'S DECLARATION OF LOCAL DISASTER REGARDING REQUIRING FACE COVERINGS, AND ADDRESSING OTHER MATTERS RELATED TO COVID-19, IF NECESSARY.

Mayor White announced that the Declaration would remain as currently written.

ITEM 5-C. DISCUSSION AND/OR ACTION REGARDING APPOINTMENTS TO VARIOUS BOARDS, COMMISSIONS OR COMMITTEES.

Mayor White requested appointments to boards and commissions. There were none.

ITEM 6. CITY MANAGER'S REPORT, PRESENTATION AND POSSIBLE DISCUSSION.

- Public Works Updates:
 - Bids for Street Improvements Project, Phase II were received on October 29.
 - Research began on installation of the new aerator at the City Park pond.
- Firefighter entrance exam was held on October 24 and resulted in 12 candidates. (Four vacancies exist)
- Police Department Updates:
 - Two Telecommunicator positions have been filled.
 - Recruitment efforts continue for Police Officers that included a Career Workshop for Law Enforcement that was held on October 17. One Police Officer was recently hired.
 - Police entrance exam was held on October 23 and resulted in nine candidates. (Seven vacancies exist)
- Report on the final results of the 2020 U.S. Census.

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- The November 3, 2020 General Election will be canvassed during the November 17, 2020 Council meeting. Elected officials will be sworn-in immediately following the canvass.
- Update on TxDOT drainage project along US 183 near downtown.

ITEM 7. COUNCIL AND STAFF COMMENTS – ITEMS OF COMMUNITY INTEREST.

Councilmember Westmoreland congratulated all candidates that ran for office during the November 3, 2020 Election.

Councilmember Mendoza congratulated all candidates and he thanked all election workers for their dedication.

Mayor Pro-Tem Sanchez expressed condolences to the families of Lisa Guerrero, Esther Garcia, and Bonnie Branch for their loss. She congratulated all candidates that ran for office during the November 3, 2020 Election. She thanked Carla Carter for generously giving away snack boxes on Halloween.

Councilmember McGregor encouraged everyone to stay safe.

Councilmember Bryant expressed condolences to Bertha Martinez for the loss of her mother. He thanked candidates and newly elected officials, and he thanked Carla Carter for the snack box meals donated on Halloween.

Councilmember Michelson also congratulated candidates that ran for office. He thanked staff for bringing Iron Ox to Lockhart.

Mayor White thanked the community for their faith and support during the Election. He congratulated all candidates that ran for office. He announced that the Northern Caldwell County Coalition meeting will be held on November 12 at 6:00 p.m. and that the Lockhart Chamber is hosting a Leadership Program on November 19 from 10:30 am until 2:00 p.m. in the Council Chambers.

ITEM 8. ADJOURNMENT.

Mayor Pro-Tem Sanchez made a motion to adjourn the meeting. Councilmember Mendoza seconded. The motion passed by a vote of 7-0. The meeting was adjourned at 7:52 p.m.

PASSED and APPROVED this the 17th day of November 2020.

CITY OF LOCKHART

Lew White, Mayor

ATTEST:

Connie Constancio, TRMC
City Secretary

City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: November 17, 2020

AGENDA ITEM CAPTION: Discussion and/or action to consider recommendation to award bid to Lone Star Paving of Austin, Texas, in the amount of \$310,070.00 for the 2020 Street Improvements Project Phase II to include street improvements to West Market Street, Frio Street, Clearfork Street, Farmer Street, Lee Lane, Luanne Lane, Wilson Street, Ward Street and Monte Vista Street. Appointing the Mayor to sign all contractual documents.

ORIGINATING DEPARTMENT AND CONTACT: Public Works-Sean Kelley

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION: On September 17, 2019, City Council authorized the use of \$400,000 in Unassigned Fund Balance One-Time Expenditures as part of the 2020 Street Improvements Project 3-year plan to make enhancements on various streets. This second phase of street improvements will include street resurfacing on:

- West Market Street from Frio St. to Guadalupe St.
- Frio Street from W. Market St. to Plum St.
- Clearfork Street from Frio St. to Rio Grande St.
- Farmer Street from Carver St. to E. Market St.
- Lee Lane
- Luanne Lane
- Wilson Street
- Ward Street
- Monte Vista Street from Stueve Ln. to Ward St.
- Apple Street
- Elm Street

Bids were advertised in compliance with State law for the construction of the 2020 Street Improvements Project Phase II. Four (4) bids were received ranging from \$310,070.00 to \$648,131.50. The lowest bid was submitted by Lone Star Paving. This company has a commendable reputation in the construction business.

Bids for this project were lower than anticipated allowing remaining funds to be considered for additional street work as a change order under this contract. The change order will be brought to Council at a future meeting.

PROJECT SCHEDULE (if applicable): N/A

AMOUNT & SOURCE OF FUNDING:

Funds Required: \$310,070.00
Account Number: 100-5633-433
Funds Available: \$393,600 (After Engineering)
Account Name: Streets, Maintenance and Resurfacing

Finance Review initials _____

Previous Council Action: Approval of 3-Year Street Improvements Plan on September 17, 2019.

COMMITTEE/BOARD/COMMISSION ACTION: N/A

STAFF RECOMMENDATION/REQUESTED MOTION: Staff respectfully recommends approval of the bid award to Lone Star Paving in the amount of \$310,070.00.

LIST OF SUPPORTING DOCUMENTS: Bid Advertisement, Bid Tab, Letter of Recommendation by TRC Companies.

Department Head initials:

City Manager's Review:





505 East Huntland Drive
Suite 250
Austin, Texas 78752

T 512.454.8716
TRCcompanies.com
T.B.P.E. #F-8632

November 10, 2020

Mr. Steven Lewis, City Manager
City of Lockhart
P.O. Box 239
Lockhart, Texas 78644

**RE: 2020 Street Improvements – Phase II
Bid Award Consideration**

Dear Mr. Lewis:

The bid opening for the above referenced project was held on October 29, 2020. The total (base and additive alternate) bids range from a low of \$310,070.00 (Lone Star Paving) to a high of \$648,131.50 (Texas Materials Group) as shown on the attached bid tabulation. The project consists of approximately 14,870 sq. yds. 2" mill, 3,900 linear ft. edge mill, 22,950 sq. yds. 2" HMAC and 22,950 sq. yds. trackless tack on various City streets.

TRC has found that Lone Star Paving has a satisfactory record of project completion.

It is recommended that Lone Star Paving be awarded a contract for the total (base and additive alternate) bid proposal amount of \$310,070.00 for the 2020 Street Improvements – Phase II project. The contractor has provided a bid bond and will be required to furnish a Performance Bond and Payment Bond to the City.

If you have any questions regarding this information, please feel free to contact this office.

Sincerely,

A handwritten signature in blue ink, appearing to read "JD", written over a light blue horizontal line.

Jeff Dahm, P.E.
Project Engineer

Enclosure Bid Tab

City of Lockhart
 2020 STREET IMPROVEMENTS – PHASE II
 Bid Tabulation
 October 29, 2020 - 10:00 AM



Lone Star Paving 11675 Jollyville Rd. #150 Austin, TX 78759	Fuquay, Inc. PO Box 310946 New Braunfels, TX 78131
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Item	Item Description	Qty.	Unit	Unit Price	Total	Unit Price	Total
BASE BID PROPOSAL							
P.1	Market Street - Mill + Overlay	2,300	S.Y.	\$13.50	\$31,050.00	\$13.44	\$30,912.00
P.2	Frio Street - Overlay	2,930	S.Y.	\$10.00	\$29,300.00	\$9.32	\$27,307.60
P.3	Frio Street - Edge Mill	1,940	L.F.	\$2.25	\$4,365.00	\$4.12	\$7,992.80
P.4	Clearfork Street - Overlay	1,350	S.Y.	\$10.00	\$13,500.00	\$13.08	\$17,658.00
P.5	Clearfork Street - Edge Mill	830	S.Y.	\$2.25	\$1,867.50	\$8.74	\$7,254.20
P.6	Farmer Street - Overlay	1,100	S.Y.	\$10.00	\$11,000.00	\$14.95	\$16,445.00
P.7	Lee Street - Overlay	830	S.Y.	\$10.00	\$8,300.00	\$14.60	\$12,118.00
P.8	Lee Street - Edge Mill	1,130	L.F.	\$2.25	\$2,542.50	\$6.75	\$7,627.50
P.9	Luanne Lane - Mill + Overlay	2,090	S.Y.	\$13.50	\$28,215.00	\$14.17	\$29,615.30
P.10	Wilson Street Asphalt - Mill + Overlay	3,100	S.Y.	\$13.50	\$41,850.00	\$12.71	\$39,401.00
P.11	Ward Street Asphalt - Mill + Overlay	1,390	S.Y.	\$13.50	\$18,765.00	\$17.13	\$23,810.70
P.12	Monte Vista Drive - Mill + Overlay	3,290	S.Y.	\$13.50	\$44,415.00	\$12.50	\$41,125.00
P.13	Adjust Manhole Tops	11	EA.	\$900.00	\$9,900.00	\$1,000.00	\$11,000.00
P.14	Adjust Water Valves	20	EA.	\$325.00	\$6,500.00	\$350.00	\$7,000.00
TOTAL BASE BID					\$251,570.00		\$279,267.10
ALTERNATE BID ITEM							
P.A.1.	Apple Street - Overlay	1,870	S.Y.	\$10.00	\$18,700.00	\$10.68	\$19,971.60
P.A.2.	Elm Street Asphalt - Mill + Overlay	2,700	S.Y.	\$13.50	\$36,450.00	\$12.15	\$32,805.00
P.A.3.	Adjust Manhole Tops	3	EA.	\$900.00	\$2,700.00	\$1,000.00	\$3,000.00
P.A.4.	Adjust Water Valves	2	EA.	\$325.00	\$650.00	\$350.00	\$700.00
TOTAL ALTERNATE BID ITEM					\$58,500.00		\$56,476.60
TOTAL BASE + ALTERNATE BID					\$310,070.00		\$335,743.70

15

City of Lockhart
 2020 STREET IMPROVEMENTS – PHASE II
 Bid Tabulation
 October 29, 2020 - 10:00 AM



Bennett Paving, Inc. PO Box 2309 Leander, TX 78646	Texas Materials Group, Inc. 6390 FM 1102 New Braunfels, TX 78132
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Item	Item Description	Qty.	Unit	Unit Price	Total	Unit Price	Total
BASE BID PROPOSAL							
P.1	Market Street - Mill + Overlay	2,300	S.Y.	\$14.50	\$33,350.00	\$24.50	\$56,350.00
P.2	Frio Street - Overlay	2,930	S.Y.	\$9.50	\$27,835.00	\$15.80	\$46,294.00
P.3	Frio Street - Edge Mill	1,940	L.F.	\$5.00	\$9,700.00	\$5.65	\$10,961.00
P.4	Clearfork Street - Overlay	1,350	S.Y.	\$9.50	\$12,825.00	\$21.85	\$29,497.50
P.5	Clearfork Street - Edge Mill	830	S.Y.	\$5.00	\$4,150.00	\$11.85	\$9,835.50
P.6	Farmer Street - Overlay	1,100	S.Y.	\$9.50	\$10,450.00	\$23.60	\$25,960.00
P.7	Lee Street - Overlay	830	S.Y.	\$10.00	\$8,300.00	\$16.80	\$13,944.00
P.8	Lee Street - Edge Mill	1,130	L.F.	\$5.00	\$5,650.00	\$8.55	\$9,661.50
P.9	Luanne Lane - Mill + Overlay	2,090	S.Y.	\$14.50	\$30,305.00	\$23.25	\$48,592.50
P.10	Wilson Street Asphalt - Mill + Overlay	3,100	S.Y.	\$14.50	\$44,950.00	\$21.30	\$66,030.00
P.11	Ward Street Asphalt - Mill + Overlay	1,390	S.Y.	\$14.50	\$20,155.00	\$25.20	\$35,028.00
P.12	Monte Vista Drive - Mill + Overlay	3,290	S.Y.	\$14.50	\$47,705.00	\$20.80	\$68,432.00
P.13	Adjust Manhole Tops	11	EA.	\$1,400.00	\$15,400.00	\$3,500.00	\$38,500.00
P.14	Adjust Water Valves	20	EA.	\$500.00	\$10,000.00	\$3,500.00	\$70,000.00
TOTAL BASE BID					\$280,775.00		\$529,086.00
ALTERNATE BID ITEM							
P.A.1.	Apple Street - Overlay	1,870	S.Y.	\$9.50	\$17,765.00	\$19.65	\$36,745.50
P.A.2.	Elm Street Asphalt - Mill + Overlay	2,700	S.Y.	\$14.50	\$39,150.00	\$24.00	\$64,800.00
P.A.3.	Adjust Manhole Tops	3	EA.	\$1,400.00	\$4,200.00	\$3,500.00	\$10,500.00
P.A.4.	Adjust Water Valves	2	EA.	\$500.00	\$1,000.00	\$3,500.00	\$7,000.00
TOTAL ALTERNATE BID ITEM					\$62,115.00		\$119,045.50
TOTAL BASE + ALTERNATE BID					\$342,890.00		\$648,131.50

h1

ADVERTISEMENT FOR BIDS

Sealed proposals addressed to the Mayor and City Council of the City of Lockhart will be received at the Lockhart City Hall, 308 West San Antonio, Lockhart, Texas 78644, until **10:00 A.M., October 29, 2020** for the **2020 Street Improvements Project Phase II**, at which time and place will be publicly opened and read aloud. Any bid received after closing time will be returned unopened.

The project consists of approximately of 14,870 SY 2" Mill, 3,900 LF 2" Edge Mill, 22,950 SY 2" HMAC and 22,950 SY Trackless Tack on various City streets.

Bidders shall submit with their bids a Cashier's Check in the amount of five percent (5%) of the maximum total bid, payable to the City of Lockhart, Texas without recourse, or a Proposal Bond in the same amount from an approved Surety Company as a guarantee that Bidder will enter into a contract and execute performance and payment bonds on the forms provided, within ten (10) days after the award of Contract. Bids without check or Proposal Bond will not be considered.

The successful Bidder must furnish Performance and Payments Bonds each in the amount of 100% of the contract price from an approved Surety Company holding a permit from the State of Texas to act as Surety and acceptable according to the latest list of companies holding certificates of authority from the Secretary of Treasury of the United States, or other Surety or Sureties acceptable to the Owner.

Plans and specifications may be examined without charge at Lockhart City Hall. Bid Documents and Construction Drawings for the project may be viewed and downloaded free of charge (with the option to purchase hard copies) at www.civcastusa.com. Bidders must register on this website in order to view and/or download specifications, plans and other related documents for this project. Printed copies of the specifications and drawings may also be viewed at the Engineer's office, TRC Engineers, Inc., 505 East Huntland Drive, Suite 250, Austin, Texas 78752, (512) 454-8716.

Please submit questions for this project forty-eight (48) hours prior to bid opening through www.civcastusa.com in the Q&A portal. All addenda issued for this project will be posted on www.civcastusa.com. It is the responsibility of the Contractor bidding to use proper scaling, paper size, etc., for bid quantities. Failure to do so may result in error in the Unit Bid Quantities and/or Bid Amounts.

The City Council of the City of Lockhart reserves the right to reject any or all bids and to waive formalities. No bid may be withdrawn within sixty (60) days after the date on which bids are received.

**CITY OF LOCKHART, TEXAS
LEW WHITE, MAYOR**

City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: November 17, 2020

AGENDA ITEM CAPTION: Discussion and/or action to consider renewing the contract with Gene Bagwell, dba, Maintenance Management of San Marcos, Texas for one-year for cemetery maintenance mowing services in the West Section of the Lockhart Municipal Burial Park on North Colorado Street in the amount of \$53,248.40, and appointing the Mayor to sign the contractual document if approved.

ORIGINATING DEPARTMENT AND CONTACT: Public Works-Sean Kelley

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER


BACKGROUND/SUMMARY/DISCUSSION:

Maintenance Management has maintained the cemetery for the past 11 years and has done a commendable job, especially in the areas of customer service. This company has multiple cemetery mowing maintenance contracts including the City of San Marcos, City of Austin and the State Veteran's Land Board.

The annual fee for the service increased from \$52,930.80 to \$53,248.40 which is based on the annual June Consumer Price Index. Maintenance Management maintains general liability and workers compensation coverage, as required by the contract. The term of the contract is for the year 2021.

AMOUNT & SOURCE OF FUNDING:

Funds Required: \$53,248.40
Account Number: 100-5632-208 -Cemetery – Grounds and Landscaping
Funds Available: \$53,248.40
Account Name: Fiscal Year 2020-2021 budget

Finance Initials: 

Previous Council Action: N/A

COMMITTEE/BOARD/COMMISSION ACTION: N/A

STAFF RECOMMENDATION/REQUESTED MOTION: Staff respectfully recommends approval of contract extension for one year from January 1, 2021 to December 31, 2021 with Gene Bagwell, dba, Maintenance Management in the amount of \$53,248.40.

LIST OF SUPPORTING DOCUMENTS: Map of Contracted area, Renewal Contract, and Current Contract.

Department Head initials:

City Manager's Review:


STATE OF TEXAS)
)
CALDWELL COUNTY)

CITY OF LOCKHART

CONTRACT RENEWAL

Mr. Gene Bagwell d/b/a Maintenance Management
625 Pioneer Trail
San Marcos, Texas 78666

Re: Third Renewal of Lockhart Cemeteries Maintenance Contract Agreement

Initial Term: January 1, 2010 through December 31, 2014
First Renewal Term: January 1, 2015 through December 31, 2019
Second Renewal Term: January 1, 2020 through December 31, 2020
Third Renewal Term: January 1, 2021 through December 31, 2021

Date: November 17, 2020

The Cemeteries Maintenance Contract described above was awarded to you on November 10, 2009. We have determined that you have performed in accordance with the requirements of the Contract.

Therefore, the City is exercising its option to renew the Contract year to year effective from January 1, 2021 through December 31, 2021. This renewal period is governed by the specifications, pricing, terms and conditions set forth in the Cemeteries Maintenance Contract. Also, this Contract Renewal reflects the understanding of you and the City when the original Agreement was entered into, and rectifies the renewal language on page 8, section 1 of the Contract Agreement, that the first renewal term of the Lockhart Cemeteries Maintenance Contract Agreement is for five (5) additional years and thereafter year to year at the City's discretion.

The Contract amount price set forth in this Renewal will be in the amount of \$53,248.40. This Contract amount is subject to price adjustments at the beginning of the City's fiscal year (October 1) based on the "June" Consumer Price Index as published by the U.S. Department of Labor, Bureau of Labor Statistics. Any such adjustment may not increase more than 3% or decrease more than 3%. Proposed price adjustments must be presented to the City in writing at least 90 days prior to October 1, 2021.

Re: Third Renewal of Lockhart Cemeteries Maintenance Contract Agreement

Initial Term: January 1, 2010 through December 31, 2014

First Renewal Term: January 1, 2015 through December 31, 2019

Second Renewal Term: January 1, 2020 through December 31, 2020

Third Renewal Term: January 1, 2021 through December 31, 2021

I hereby acknowledge acceptance of this Contract Renewal, and I agree to be bound by all requirements, terms, and conditions as set forth in the Lockhart Cemeteries Maintenance Contract Agreement and this Contract Renewal.

CONTRACTOR

Mr. Gene Bagwell d/b/a Maintenance Management

Date

CITY OF LOCKHART

Lew White, Mayor

Date

Attest:

Connie Constancio, TRMC, City Secretary

Date



HISTORY

STATE OF TEXAS)
)
CALDWELL COUNTY)

CITY OF LOCKHART

CONTRACT RENEWAL

**Mr. Gene Bagwell d/b/a Maintenance Management
625 Pioneer Trail
San Marcos, Texas 78666**

Re: Second Renewal of Lockhart Cemeteries Maintenance Contract Agreement

**Initial Term: January 1, 2010 through December 31, 2014
First Renewal Term: January 1, 2015 through December 31, 2019
Second Renewal Term: January 1, 2020 through December 31, 2020**

Date: November 12, 2019

The Cemeteries Maintenance Contract described above was awarded to you on November 10, 2009. We have determined that you have performed in accordance with the requirements of the Contract.

Therefore, the City is exercising its option to renew the Contract year to year effective from January 1, 2020 through December 31, 2020. This renewal period is governed by the specifications, pricing, terms and conditions set forth in the Cemeteries Maintenance Contract. Also, this Contract Renewal reflects the understanding of you and the City when the original Agreement was entered into, and rectifies the renewal language on page 8, section 1 of the Contract Agreement, that the first renewal term of the Lockhart Cemeteries Maintenance Contract Agreement is for five (5) additional years and thereafter year to year at the City's discretion.

The Contract amount price set forth in this Renewal will be in the amount of \$52,930.80. This Contract amount is subject to price adjustments at the beginning of the City's fiscal year (October 1) based on the "June" Consumer Price Index as published by the U.S. Department of Labor, Bureau of Labor Statistics. Any such adjustment may not increase more than 3% or decrease more than 3%. Proposed price adjustments must be presented to the City in writing at least 90 days prior to October 1, 2020.

HISTORY

Re: Second Renewal of Lockhart Cemeteries Maintenance Contract Agreement

Initial Term: January 1, 2010 through December 31, 2014

First Renewal Term: January 1, 2015 through December 31, 2019

Second Renewal Term: January 1, 2020 through December 31, 2020

I hereby acknowledge acceptance of this Contract Renewal, and I agree to be bound by all requirements, terms, and conditions as set forth in the Lockhart Cemeteries Maintenance Contract Agreement and this Contract Renewal.

CONTRACTOR

Gene Bagwell
Mr. Gene Bagwell d/b/a Maintenance Management

11/18/19
Date

CITY OF LOCKHART

Lew White
Lew White, Mayor

12/3/19
Date

Attest:

Connie Constancio
Connie Constancio, TRMC, City Secretary

12-3-2019
Date



ORDINANCE 2020-27

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS, AMENDING THE BUDGET FOR THE FISCAL YEAR 2021 IN ACCORDANCE WITH EXISTING STATUTORY REQUIREMENTS; RE-APPROPRIATING THE VARIOUS AMOUNTS HEREIN, AS ATTACHED IN BUDGET AMENDMENT NO. 50; REPEALING ALL PRIOR ORDINANCES AND ACTIONS IN CONFLICT HEREWITH; AND ESTABLISHING FOR AN EFFECTIVE DATE.

WHEREAS, the City Manager of the City of Lockhart, Texas has submitted to the Mayor and City Council proposed amendment(s) to the budget of the revenues and/or expenditures/expenses of conducting affairs of said city and providing a complete financial plan for Fiscal Year 2021; and

WHEREAS, the City Manager has requested budget amendments to the General Fund; and

WHEREAS, the Mayor and Council concur with the recommendation for the City Manager and staff that the budget amendments be processed to reflect the proper revenue and expense accounts within the General Fund; and

NOW, THEREFORE, be it ordained by the City Council for the City of Lockhart, Texas:

That Ordinance 2020-27 is hereby adopted amending the General Fund Budgets for Fiscal Year 2020-2021 as the same are contained in Budget Amendments 50, which are attached hereto and incorporated herein for all purposes.

This Ordinance shall be and remain in full force and effect from and after its final passage and publication in accordance with existing statutory requirements.

PASSED, APPROVED, AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS, ON THIS THE _____ DAY OF _____, 2020.

CITY OF LOCKHART

Lew White, Mayor

Attest:

APPROVED AS TO FORM:

Connie Constancio, TRMC, City Secretary

Monte Akers, City Attorney

CITY OF LOCKHART
BUDGET AMENDMENT FORM
 Amendment No. 50

INCREASE	ACCOUNT NO.	Adopted Budget	Current Amendment	Total Budget after Current Amendment
Motor Vehicle	100-5318-906	\$0.00	\$599,990.00	-\$599,990.00
				0.00
			\$599,990.00	-\$599,990.00

DECREASE	ACCOUNT NO.	AMOUNT		
				\$0.00
				\$0.00
				\$0.00

REASON FOR AMENDMENT

Council approved one-time expenditure from Fund Balance.

REQUESTED BY: _____ DATE _____

APPROVED BY: _____ DATE _____

POSTED _____ DATE _____

FINANCE

Siddons Martin Emergency Group, LLC
 3500 Shelby Lane
 Denton, TX 77073
 GDN P115891
 TXDOT MVD No. A115890



November 6, 2020

Randy Jenkins, Fire Chief
 CITY OF LOCKHART
 201 W MARKET ST
 LOCKHART, TX 78644

Proposal For: 2021 Lockhart Saber Pumper

Siddons-Martin Emergency Group, LLC is pleased to provide the following proposal to CITY OF LOCKHART. Unit will comply with all specifications attached and made a part of this proposal. Total price includes delivery FOB CITY OF LOCKHART and training on operation and use of the apparatus.

Description	Amount
<hr/>	
Qty. 1 - 227.2 - Pierce-Custom Saber FR Pumper, 2nd Gen (Unit Price - \$611,500.00)	
Delivery within 10-11 months of order date	
QUOTE # - SMEG-0001347-0	
Vehicle Price	\$611,500.00
Full Prepay Discount	(\$13,184.16)
227.2 - UNIT TOTAL	\$598,315.84
<hr/>	
SUB TOTAL	\$598,315.84
BuyBoard 571-18	\$1,500.00
TOTAL	\$599,815.84

Price guaranteed until 1/29/2021

Additional: This Proposal also includes a Performance Bond to be executed upon issue of a Purchase Order.

Taxes: Tax is not included in this proposal. In the event that the purchasing organization is not exempt from sales tax or any other applicable taxes and/or the proposed apparatus does not qualify for exempt status, it is the duty of the purchasing organization to pay any and all taxes due. Balance of sale price is due upon acceptance of the apparatus at the factory.

Late Fee: A late fee of .033% of the sale price will be charged per day for overdue payments beginning ten (10) days after the payment is due for the first 30 days. The late fee increases to .044% per day until the payment is received. In the event a prepayment is received after the due date, the discount will be reduced by the same percentages above increasing the cost of the apparatus.

Cancellation: In the event this proposal is accepted and a purchase order is issued then cancelled or terminated by Customer before completion, Siddons-Martin Emergency Group may charge a cancellation fee. The following charge schedule based on costs incurred may be applied:

- (A) 10% of the Purchase Price after order is accepted and entered by Manufacturer;
- (B) 20% of the Purchase Price after completion of the approval drawings;
- (C) 30% of the Purchase Price upon any material requisition.

The cancellation fee will increase accordingly as costs are incurred as the order progresses through engineering and into manufacturing. Siddons-Martin Emergency Group endeavors to mitigate any such costs through the sale of such product to another purchaser; however, the customer shall remain liable for the difference between the purchase price and, if applicable, the sale price obtained by Siddons-Martin Emergency Group upon sale of the product to another purchaser, plus any costs incurred by Siddons-Martin to conduct such sale.

Acceptance: In an effort to ensure the above stated terms and conditions are understood and adhered to, Siddons-Martin Emergency Group, LLC requires an authorized individual from the purchasing organization sign and date this proposal and include it with any purchase order. Upon signing of this proposal, the terms and conditions stated herein will be considered binding and accepted by the Customer. The terms and acceptance of this proposal will be governed by the laws of the state of Texas. No additional terms or conditions will be binding upon Siddons-Martin Emergency Group, LLC unless agreed to in writing and signed by a duly authorized officer of Siddons-Martin Emergency Group, LLC.

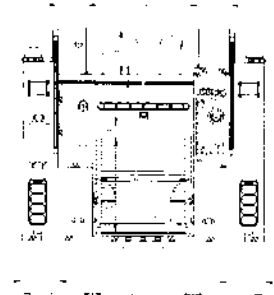
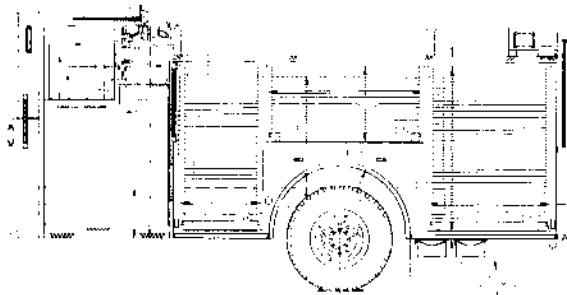
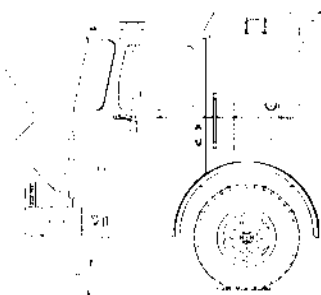
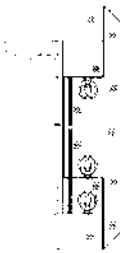
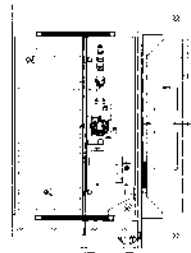
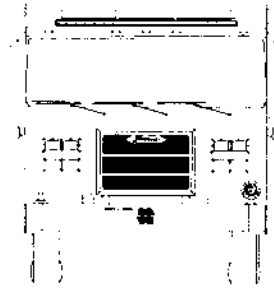
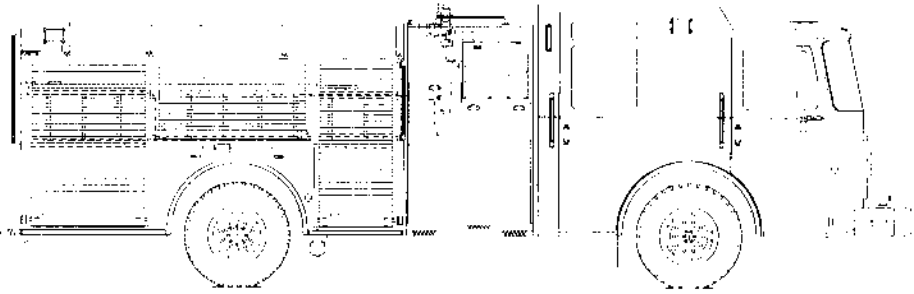
Sincerely,



Marc Panayi

I, _____, the authorized representative of CITY OF LOCKHART, agree to purchase the proposed and agree to the terms of this proposal and the specifications attached hereto.

Signature & Date



CUSTOMER APPROVAL

7-20-10
12.1



MANUFACTURING INC.



Proposal Details Report

11/5/2020

Customer: Lockhart Fire Department **Bid Number:** 227
 Representative: Panayi, Marc **Job Number:**
 Requirements Manager: **Organization:** Siddons-Martin Emergency Group
 Description: 2020 Lockhart Fire department
 Chassis: Saber FR Chassis
 Body: Pumper, Medium, Aluminum, 2nd Gen, Saber/Commercial

OptionCode	Type	Option	ProposalText
0074080		Build-to-Order, Pierce Florida Product - 2nd Gen Pumper	
0766611		Boiler Plates, Pumper	<p>Siddons-Martin Emergency Group is pleased to submit a proposal to Lockhart Fire Department for a Pierce® triple combination pumper per your request for quotation. The following paragraphs will describe in detail the apparatus, construction methods, and equipment proposed. This proposal will indicate size, type, model and make of components parts and equipment, providing proof of compliance with each and every item (except where noted) in the departments advertised specifications.</p> <p>PIERCE MANUFACTURING was founded in 1913. Since then we have been building bodies with one philosophy, "BUILD THE FINEST". Our skilled craftsmen take pride in their work, which is reflected in the final product. We have been building fire apparatus since the early "forties" giving Pierce Manufacturing over 75 years of experience in the fire apparatus market. Pierce Manufacturing has built and put into service more than 62,500 apparatus, including more than 33,900 on Pierce custom chassis designed and built specifically for fire and emergency applications. Our Appleton, Wisconsin facility has over 870,000 total square feet of floor space situated on approximately 105 acres of land. Our Bradenton, Florida facility has 300,000 square feet of floor space situated on approximately 38 acres of land.</p> <p>Our beliefs in high ethical standards are carried through in all of our commitments and to everyone with whom we do business. Honesty, Integrity, Accountability and Citizenship are global tenets by which we all live and work. Consequently, we neither engage in, nor have we ever been convicted of price fixing, bid rigging, or collusion in any domestic or international fire apparatus market.</p> <p>Pierce has only one brand of fire apparatus "Pierce", ensuring you are receiving top of the line product that meets your specification.</p> <p>In accordance with the current edition of NFPA 1901 standards, this proposal will specify whether the fire department, manufacturer, or apparatus dealership will provide required loose equipment. Images and illustrative material in this proposal are as accurate as known at the time of publication, but are subject to change without notice. Images and illustrative material is for reference only, and may include optional equipment and accessories and may not include all standard equipment.</p> <p>GENERAL DESIGN AND CONSTRUCTION</p> <p>To control quality, ensure compatibility, and provide a single source for service and warranty, the custom cab, chassis, pump module and body will be entirely designed, assembled/welded and painted in Pierce owned manufacturing facilities. This includes, but not limited to the cab weldment, the pumphouse module assembly, the chassis assembly, the body and the electrical system.</p> <p>QUALITY AND WORKMANSHIP</p> <p>Pierce has set the pace for quality and workmanship in the fire apparatus field. Our tradition of building the highest quality units with craftsmen second to none has been the rule right from the beginning and we demonstrate that ongoing commitment by: Ensuring all steel welding follows American Welding Society D1.1-2004 recommendations for structural steel welding. All aluminum welding follows American Welding Society and ANSI D1.2-2003 requirements for structural welding of aluminum. All sheet metal welding follows American Welding Society B2.1-2000 requirements for structural welding of sheet metal. Our flux core arc welding uses alloy rods, type 7000 and is performed to American Welding Society standards A5.20-E70T1. Furthermore, all employees classified as welders are tested and certified to meet the American Welding Society codes upon hire and every three (3) years thereafter. Pierce also employs an American Welding Society certified welding inspector in plant during working hours to monitor weld quality. Pierce Manufacturing operates a Quality Management System under the requirements of ISO 9001. These standards sponsored by the International Organization for Standardization (ISO) specify the quality systems that are established by the manufacturer for design, manufacture, installation and service. A copy of the certificate of compliance is included with this proposal. In addition to the Quality Management system, we also employ a Quality Achievement Supplier program to insure the vendors and suppliers that we utilize meet the high standards we demand. That is just part of our overall "Quality at the Source" program at Pierce.</p> <p>To demonstrate the quality of our products and services, a list of at least two (2) fire departments/municipalities that have purchased vehicles for a second time is provided.</p> <p>DELIVERY</p> <p>The apparatus will be delivered under its own power to insure proper break-in of all components while the apparatus is still under warranty. A qualified delivery representative shall deliver the apparatus and remain for a sufficient length of time to instruct personnel in proper operation, care and maintenance of the equipment delivered.</p> <p>MANUAL AND SERVICE INFORMATION</p> <p>At time of delivery, complete operation and maintenance manuals covering the apparatus will be provided. A permanent plate will be mounted in the driver's compartment specifying the quantity and type of fluids required including engine oil, engine coolant, transmission, pump transmission lubrication, pump primer and drive axle.</p> <p>SAFETY VIDEO</p> <p>At the time of delivery Pierce will also provide one (1) 39-minute, professionally produced apparatus safety video, in DVD format. This video will address key safety considerations for personnel to follow when they are driving, operating, and maintaining the apparatus including the following: vehicle pre-trip inspection, chassis operation, pump operation, aerial operation, and safety during maintenance.</p>

PERFORMANCE TESTS

A road test will be conducted with the apparatus fully loaded and a continuous run of no less than ten (10) miles. During that time the apparatus will show no loss of power nor will it overheat. The transmission drive shaft or shafts and the axles will run quietly and be free of abnormal vibration or noise. The apparatus when fully loaded will not have less than 25 percent nor more than 50 percent on the front axle, and not less than 50 percent nor more than 75 percent on the rear axle. The apparatus will meet NFPA 1901 acceleration and braking requirements.

SERVICE AND WARRANTY SUPPORT

Pierce dealership support will be provided by Siddons-Martin Emergency Group by operating in conjunction with a Pierce authorized service center. The service center will have factory-trained mechanics on staff versed in Pierce fire apparatus. The service facility will be located within fifty (50) miles of the fire department.

In addition to the dealership, Pierce has service facilities located in both, Weyauwega, Wisconsin and Bradenton, Florida. Pierce also maintains a dedicated parts facility of over 100,000 square feet in Appleton, Wisconsin. The parts facility stocks in excess of \$5,000,000 in parts dedicated to service and replacement parts. The parts facility employs a staff dedicated solely for the distribution and shipment of service and replacement parts.

Service parts for the apparatus being proposed can be found via Piercparts.com which, is an interactive online tool that delivers information regarding your specific apparatus as well as the opportunity to register for training classes.

As a Pierce customer you have the ability to view the complete bill of materials for your specific apparatus, including assembly drawings, piece part drawings, and beneficial parts notations. You will also have the ability to search the complete Pierce item master through a parts search function which offers all Pierce SKU's and descriptions offered on all Pierce apparatus. Published component catalogs, which include proprietary systems along with an extensive operators manual library is available for easy reference.

Pierce Manufacturing maintains a dedicated service and warranty staff of over 35 personnel, dedicated to customer support, which also maintains a 24 hour 7 day a week toll free hot line, four (4) on staff EVTs, and offers hands-on repair and maintenance training classes multiple times a year.

LIABILITY

The successful bidder will defend any and all suits and assume all liability for the use of any patented process including any device or article forming a part of the apparatus or any appliance furnished under the contract.

INSURANCE PROVIDED BY BIDDER

COMMERCIAL GENERAL LIABILITY INSURANCE

The successful bidder will, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of commercial general liability insurance:

Each Occurrence \$1,000,000

Products/Completed Operations Aggregate \$1,000,000

Personal and Advertising Injury \$1,000,000

General Aggregate \$2,000,000

Coverage will be written on a Commercial General Liability form. The policy will be written on an occurrence form and will include Contractual Liability coverage for bodily injury and property damage subject to the terms and conditions of the policy. The policy will include Owner as an additional insured when required by written contract.

COMMERCIAL AUTOMOBILE LIABILITY INSURANCE

The successful bidder will, during the performance of the contract, keep in force at least the following minimum limits of commercial automobile liability insurance and coverage will be written on a Commercial Automobile liability form:

Each Accident Combined Single Limit: \$1,000,000

UMBRELLA/EXCESS LIABILITY INSURANCE

The successful bidder will, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of umbrella liability insurance:

Aggregate: \$3,000,000

Each Occurrence: \$3,000,000

The umbrella policy will be written on an occurrence basis and at a minimum provide excess to the bidder's General Liability and Automobile Liability policies.

The required limits can be provided by one (1) or more policies provided all other insurance requirements are met.

Coverage will be provided by a carrier(s) rated A- or better by A.M. Best.

All policies will provide a 30-day notice of cancellation to the named insured. The Certificate of Insurance will provide the following cancellation clause: Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

Bidder agrees to furnish owner with a current Certificate of Insurance with the coverages listed above along with the bid. The certificate will show the purchaser as certificate holder.

INSURANCE PROVIDED BY MANUFACTURER

PRODUCT LIABILITY INSURANCE

The manufacturer will, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of Product Liability insurance:

Each Occurrence \$1,000,000

Products/Completed Operations Aggregate \$1,000,000

Coverage will be written on a Commercial General Liability form. The policy will be written on an occurrence form. The manufacturer's policy will include the owner as additional insured when required by written contract between the Owner and a Pierce authorized dealer.

UMBRELLA/EXCESS LIABILITY INSURANCE

The manufacturer will, during the performance of the contract and for three (3) years

following acceptance of the product, keep in force at least the following minimum limits of umbrella liability insurance:
 Each Occurrence: \$25,000,000
 Aggregate: \$25,000,000
 The umbrella policy will be written on an occurrence basis and provide excess to the manufacturer's General Liability/Products policies.
 The required limits can be provided by one (1) or more policies provided all other insurance requirements are met.
 Coverage will be provided by a carrier(s) rated A- or better by A.M. Best.
 All policies will provide a 30-day notice of cancellation to the named insured. The Certificate of Insurance will provide the following cancellation clause: Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.
 Manufacturer agrees to furnish owner with a current Certificate of Insurance with the coverages listed above along with the bid. The certificate will show the purchaser as the certificate holder.

0661794	Single Source Compliance	<p>SINGLE SOURCE MANUFACTURER Pierce Manufacturing, Inc. provides an integrated approach to the design and manufacture of our products that delivers superior apparatus and a dedicated support team. From our facilities, the chassis, cab weldment, cab, pumphouse (including the sheet metal enclosure, valve controls, piping and operators panel) and body will be entirely designed, tested, and hand assembled to the customer's exact specifications. The electrical system either hardwired or multiplexed, will be both designed and integrated by Pierce Manufacturing. The warranties relative to these major components (excluding component warranties such as engine, transmission, axles, pump, etc.) will be provided by Pierce as a single source manufacturer. Pierce's single source solution adds value by providing a fully engineered product that offers durability, reliability, maintainability, performance, and a high level of quality.</p>
0584455	Manufacture Location, Bradenton, Florida	Your apparatus will be manufactured in Bradenton, Florida.
0584453	RFP Location: Bradenton, Florida	
0588609	Vehicle Destination, US	
0610784	Comply NFPA 1901 Changes Effective Jan 1, 2016, With Exceptions	<p>NFPA 2016 STANDARDS This unit will comply with the NFPA standards effective January 1, 2016, except for fire department directed exceptions. These exceptions will be set forth in the Statement of Exceptions. Certification of slip resistance of all stepping, standing and walking surfaces will be supplied with delivery of the apparatus. All horizontal surfaces designated as a standing or walking surface that are greater than 48.00" above the ground must be defined by a 1.00" wide line along its outside perimeter. Perimeter markings and designated access paths to destination points will be identified on the customer approval print and are shown as approximate. Actual location(s) will be determined based on materials used and actual conditions at final build. Access paths may pass through hose storage areas and opening or removal of covers or restraints may be required. Access paths may require the operation of devices and equipment such as the aerial device or ladder rack. A plate that is highly visible to the driver while seated will be provided. This plate will show the overall height, length, and gross vehicle weight rating. The manufacturer will have programs in place for training, proficiency testing and performance for any staff involved with certifications. An official of the company will designate, in writing, who is qualified to witness and certify test results.</p>
0533347	Pumper/Pumper with Aerial Device Fire Apparatus	
0588611	Vehicle Certification Pumper	

0568412	Agency, Apparatus Certification, Pumper/Tanker, Third Party, PMFD	<p>NFPA COMPLIANCY Apparatus proposed by the bidder will meet the applicable requirements of the National Fire Protection Association (NFPA) as stated in the current edition at time of contract execution. Fire Department's specifications that differ from NFPA specifications will be indicated in the proposal as "non-NFPA."</p> <p>PUMP TEST The rated water pump will be tested, approved, and certified by an ISO certified independent third party testing agency at the manufacturer's expense. The test results, along with the pump manufacturer's certification of hydrostatic test, the engine manufacturer's certified brake horsepower curve, and the manufacturer's record of pump construction details will be forwarded to the Fire Department.</p> <p>GENERATOR TEST If the unit has a generator, the generator will be tested, approved, and certified by an ISO certified independent third party testing agency at the manufacturer's expense. The test results will be provided to the Fire Department at the time of delivery.</p>
0620358	Consortium, Buy Board	
0537375	Unit of Measure, US Gallons	
0529326	Bid Bond, 10%, Pierce Built Chassis	<p>BID BOND A bid bond as security for the bid in the form of a 10% bid bond will be provided with the proposal. This bid bond will be issued by a Surety Company who is listed on the U.S. Treasury Department's list of acceptable sureties as published in Department Circular 570. The bid bond will be issued by an authorized representative of the Surety Company and will be accompanied by a certified power of attorney dated on or before the date of bid. The bid bond will include language which assures that the bidder/principal will give a bond or bonds, as may be specified in the bidding or contract documents, with good and sufficient surety for the faithful performance of the contract, including the Basic One (1) Year Limited Warranty, and for the prompt payment of labor and material furnished in the prosecution of the contract.</p> <p>Notwithstanding any document or assertion to the contrary, any surety bond related to the sale of a vehicle will apply only to the Basic One (1) Year Limited Warranty for such vehicle. Any surety bond related to the sale of a vehicle will not apply to any other warranties that are included within this bid (OEM or otherwise) or to the warranties (if any) of any third party of any part, component, attachment or accessory that is incorporated into or attached to the vehicle. In the event of any contradiction or inconsistency between this provision and any other document or assertion, this provision will prevail.</p>
0050066	Performance Bond, 100% Req'd (Statement by Rep)	<p>PERFORMANCE BOND Notwithstanding any document or assertion to the contrary, any surety bond related to the sale of a vehicle will apply only to the Basic One (1) Year Limited Warranty for such vehicle. Any surety bond related to the sale of a vehicle will not apply to any other warranties that are included within this bid (OEM or otherwise) or to the warranties (if any) of any third party of any part, component, attachment or accessory that is incorporated into or attached to the vehicle. In the event of any contradiction or inconsistency between this provision and any other document or assertion, this provision will prevail.</p>
0000007	Approval Drawing	<p>APPROVAL DRAWING A drawing of the proposed apparatus will be prepared and provided to the purchaser for approval before construction begins. The Pierce sales representative will also be provided with a copy of the same drawing. The finalized and approved drawing will become part of the contract documents. This drawing will indicate the chassis make and model, location of the lights, siren horns, compartments, major components, etc.</p> <p>A "revised" approval drawing of the apparatus will be prepared and submitted by Pierce to the purchaser showing any changes made to the approval drawing.</p>
0002928	Electrical Diagrams	<p>ELECTRICAL WIRING DIAGRAMS Two (2) electrical wiring diagrams, prepared for the model of chassis and body, will be provided.</p>
0632451	Saber FR Chassis	<p>SABER FR CHASSIS The Pierce Saber FR® is the custom chassis developed exclusively for the fire service. Chassis provided will be a new, tilt-type custom fire apparatus. The chassis will be manufactured in the apparatus body builder's facility eliminating any split responsibility. The chassis will be designed and manufactured for heavy-duty service, with adequate strength, capacity for the intended load to be sustained, and the type of service required. The chassis will be the manufacturer's first line tilt cab.</p>
0629024	Chassis Discount, Saber FR	
0021007	Maximum Overall Height	<p>MAXIMUM OVERALL HEIGHT The maximum overall height of the apparatus will be 115"</p>

0021010	Maximum Overall Length	MAXIMUM OVERALL LENGTH The maximum overall length of the apparatus will be 360".
0000110	Wheelbase	WHEELBASE The wheelbase of the vehicle will be 236".
0000070	GVW Rating	GVW RATING The gross vehicle weight rating will be 45K LBS
0649713	Frame Rails, 10 25" x 3.50" x 375". Saber FR/Enf	FRAME The chassis frame will be built with two (2) steel channels bolted to five (5) cross members or more, depending on other options of the apparatus. The side rails will be heat-treated steel measuring 10.25" x 3.50" x 0.375" Each rail will have a section modulus of 16.00 cubic inches, yield strength of 120,000 psi, and a resisting bending moment (rbm) of 1,921.069 inch-pounds.
0020018	Frame Liner Not Req'd	
0635815	Axle, Front, Dana, D-2000F, 18,000 lb Saber FR/Enforcer	FRONT AXLE The front axle will be a reverse "I" beam type with inclined king pins. It will be a Dana axle, Model D-2000F, with a rated capacity of 18,000 lb.
0637879	Suspension, Front, Standens, Taper Leaf, 18,000 lb, Saber FR/Enforcer	FRONT SUSPENSION The front springs will be a Standens, three (3)-leaf, taper leaf design, 54.00" long x 4.00" wide, with a ground rating of 18,000 lb The two (2) top leaves will wrap the forward spring hanger pin. The top leaf will also wrap the rear spring hanger pin. Both the front and rear eyes will be Berlin style wraps that will place the eyes in the horizontal plane within the main leaf. This will reduce bending stress from acceleration and braking. A steel encased rubber bushing will be used in the spring eye. The steel encased rubber bushing will be maintenance free and require no lubrication.
0000321	Shock Absorbers on Front Axle, Monroe Magnum 65, Saber/Enforcer	SHOCK ABSORBERS To provide a smoother ride, the front axle will be furnished with heavy-duty telescoping shock absorbers.
0000322	Oil Seals, Front Axle	FRONT OIL SEALS Oil seals with viewing window will be provided on the front axle.
0011637	Tires, Front, Goodyear, G291, 315/80R22.50, 20 ply	FRONT TIRES Front tires will be Goodyear® 315/80R22.50 radials, 20 ply G291 tread, rated for 18,180 lb maximum axle load and 68 mph maximum speed.
0565465	Wheels, Front, Alcoa, 22.50" x 9.00". Dura-Bright Aluminum, Hub Pilot	The tires will be mounted on Alcoa®, Dura-Bright® model, 22.50" x 9.00" polished aluminum disc wheels with a ten (10) stud, 11.25" bolt circle.
0640711	Axle, Rear, Dana S26-190, 27,000 lb Saber/Enforcer	REAR AXLE The rear axle will be a Dana, Model S26-190, with a capacity of 27,000 lb
0544253	Top Speed of Vehicle 68 MPH	TOP SPEED OF VEHICLE A rear axle ratio will be furnished to allow the vehicle to reach a top speed of 68 mph
0565380	Suspen, Rear, Single Slipper Spring, 27,000 lb, Saber/Enforcer	REAR SUSPENSION The rear suspension will be Standens, semi-elliptical, 3.00" wide x 53.00" long, 12-leaf pack with a ground rating of 27,000 lb. The spring hangers will be castings. The two (2) top leaves will wrap the forward spring hanger pin, and the rear of the spring will be a slipper style end that will ride in a rear slipper hanger. To reduce bending stress due to acceleration and braking, the front eye will be a Berlin eye that will place the front spring pin in the horizontal plane within the main leaf. A steel encased rubber bushing will be used in the spring eye. The steel encased rubber bushing will be maintenance free and require no lubrication
0000485	Oil Seals, Rear Axle	REAR OIL SEALS Oil seals will be provided on the rear axle(s)

0587216	Tires, Rear, Goodyear, G622 RSD, 12R22 50, 16 ply, Single	REAR TIRES Rear tires will be four (4) Goodyear® 12R22.50 radials, 16 ply all season G622 RSD tread rated for 27,120 lb maximum axle load and 75 mph maximum speed.
0055237	Wheels, Rear, Alcoa, 22 50" x 8 25", Alum. Dura-Bright, Hub Pilot, Single	The tires will be mounted on Alcoa®, Dura-Bright® model, 22.50" x 8.25" polished aluminum disc wheels with a ten (10) stud, 11 25" bolt circle.
0568081	Tire Balancing, Counteract Beads	TIRE BALANCE All tires will be balanced with Counteract balancing beads. The beads will be inserted into the tire and eliminate the need for wheel weights.
0620570	Tire Pressure Monitoring, RealWheels, AirSecure Valve Cap, Single Axle	TIRE PRESSURE MANAGEMENT There will be a RealWheels LED AirSecure™ tire alert pressure management system provided, that will monitor each tire's pressure. A sensor will be provided on the valve stem of each tire for a total of six (6) tires. The sensor will calibrate to the tire pressure when installed on the valve stem for pressures between 10 and 200 psi. The sensor will activate an integral battery operated LED when the pressure of that tire drops 5 to 8 psi. Removing the cap from the sensor will indicate the functionality of the sensor and battery. If the sensor and battery are in working condition, the LED will immediately start to flash.
0003245	Axle Hub Covers w/center hole, S/S, Front Axle	FRONT HUB COVERS Stainless steel hub covers will be provided on the front axle. An oil level viewing window will be provided.
0057936	Covers, Lug Nut, Chrome	CHROME LUG NUT COVERS Chrome lug nut covers will be supplied on front and rear wheels.
0002045	Mud Flap, Front and Rear, Pierce Logo	MUD FLAPS Mud flaps with a Pierce logo will be installed behind the front and rear wheels.
0544802	Chocks, Wheel, SAC-44-E, Folding	WHEEL CHOCKS There will be one (1) pair of folding Ziamatic, Model SAC-44-E, aluminum alloy, Quick-Choc wheel blocks, with easy-grip handle provided.
0544806	Mounting Brackets, Chocks, SAC-44-E, Folding, Horizontal	Wheel Chock Brackets There will be one (1) pair of Zico, Model SQCH-44-H, horizontal mounting wheel chock brackets provided for the Ziamatic, Model SAC-44-E, folding wheel chocks. The brackets will be made of aluminum and consist of a quick release spring loaded rod to hold the wheel chocks in place. The brackets will be mounted below the left side rear compartment.
0010670	ABS Wabco Brake System, Single rear axle	ANTI-LOCK BRAKE SYSTEM The vehicle will be equipped with a Meritor WABCO 4S4M, anti-lock braking system. The ABS will provide a 4-channel anti-lock braking control on both the front and rear wheels. A digitally controlled system that utilizes microprocessor technology will control the anti-lock braking system. Each wheel will be monitored by the system. When any particular wheel begins to lockup, a signal will be sent to the control unit. This control unit then will reduce the braking of that wheel for a fraction of a second and then reapply the brake. This anti-lock brake system will eliminate the lockup of any wheel thus helping to prevent the apparatus from skidding out of control.
0690932	Brakes, Bendix, ADB22X, 17" Disc Front	BRAKES The service brake system will be full air type by Bendix®. Front brakes will be Model ADB22X™, disc type with automatic pad wear adjustment and 17 00" rotors for improved stopping distance.
0627930	Brakes, Bendix, Cam Rear, 16 50 x 8 63"	The rear brakes will be Bendix™ 16.50" x 8 63" cam operated with automatic slack adjusters.
0020784	Air Compressor, Brake Cummins/Wabco 18.7 CFM	BRAKE SYSTEM AIR COMPRESSOR The air compressor will be a Cummins/WABCO with 18.7 cubic feet per minute output.

0644232	Brake Reservoirs, 4.272 Cubic Inch Minimum Capacity, Saber FR/Enforcer	<p>BRAKE SYSTEM</p> <p>The brake system will include:</p> <ul style="list-style-type: none"> Brake treadle valve Heated automatic moisture ejector on air dryer Total air system minimum capacity of 4.272 cubic inches Two (2) air pressure gauges with a red warning light and an audible alarm, that activates when air pressure falls below 60 psi Spring set parking brake system Parking brake operated by a push-pull style control valve A parking "brake on" indicator light on instrument panel Park brake relay/inversion and anti-compounding valve, in conjunction with a double check valve system, with an automatic spring brake application at 40 psi A pressure protection valve to prevent all air operated accessories from drawing air from the air system when the system pressure drops below 80 psi (550 kPa) 1/4 turn drain valves on each air tank The air tank will be primed and painted to meet a minimum 750 hour salt spray test. To reduce the effects of corrosion, the air tank will be mounted with stainless steel brackets.
0644228	Air Dryer, Wabco System Saver 1200 IWT, Heated, Saber FR/Enforcer	<p>BRAKE SYSTEM AIR DRYER</p> <p>The air dryer will be a WABCO System Saver 1200 IWT, with internal wet tank, spin-on coalescing filter cartridge and 100 watt heater.</p>
0000790	Brake Lines, Nylon	<p>BRAKE LINES</p> <p>Color-coded nylon brake lines will be provided. The lines will be wrapped in a heat protective loom in the chassis areas that are subject to excessive heat.</p>
0000854	Air Inlet, w/Disconnect Coupling	<p>AIR INLET</p> <p>One (1) air inlet with 3D series male coupling will be provided. It will allow station air to be supplied to the apparatus brake system through a shoreline hose. The inlet will be located forward in the driver side lower step well of cab. A check valve will be provided to prevent reverse flow of air. The inlet will discharge into the "wet" tank of the brake system. A mating female fitting will also be provided with the loose equipment.</p>
0736437	Engine, Cummins L9, 450 hp, 1250 lb-ft, W/OBD, EPA 2021, Saber FR/Enforcer	<p>ENGINE</p> <p>The chassis will be powered by an electronically controlled engine as described below:</p> <ul style="list-style-type: none"> Make: Cummins Model: L9 Power: 450 hp at 2100 rpm Torque: 1250 lb-ft at 1400 rpm Governed Speed: 2200 rpm Emissions Level: EPA 2021 Fuel: Diesel Cylinders: Six (6) Displacement: 543 cubic inches (8.9L) Starter: Delco 39MT™ Fuel Filters: Spin-on style primary filter with water separator and water-in-fuel sensor. Secondary spin-on style filter. <p>The engine will include On-board diagnostics (OBD), which provides self diagnostic and reporting. The system will give the owner or repair technician access to state of health information for various vehicle sub systems. The system will monitor vehicle systems, engine and after treatment. The system will illuminate a malfunction indicator light on the dash console if a problem is detected.</p>
0001244	High Idle w/Electronic Engine, Custom	<p>HIGH IDLE</p> <p>A high idle switch will be provided inside the cab, on the instrument panel, that will automatically maintain a preset engine rpm. A switch will be installed, at the cab instrument panel, for activation/deactivation.</p> <p>The high idle will be operational only when the parking brake is on and the truck transmission is in neutral. A green indicator light will be provided, adjacent to the switch. The light will illuminate when the above conditions are met. The light will be labeled "OK to Engage High Idle."</p>

0687994	Engine Brake, Jacobs Compression Brake, Cummins Engine	<p>ENGINE BRAKE</p> <p>A Jacobs® engine brake is to be installed with the controls located on the instrument panel within easy reach of the driver.</p> <p>The driver will be able to turn the engine brake system on/off and have a high and low setting. The engine brake will activate when the system is on and the throttle is released.</p> <p>The high setting of the brake application will activate and work simultaneously with the variable geometry turbo (VGT) provided on the engine.</p> <p>The engine brake will be installed in such a manner that when the engine brake is slowing the vehicle the brake lights are activated.</p> <p>The ABS system will automatically disengage the auxiliary braking device, when required.</p>
0644227	Clutch Fan, Air Actuated, Saber FR/Enforcer	<p>CLUTCH FAN</p> <p>A fan clutch will be provided. The fan clutch will be automatic when the pump transmission is in "Road" position, and constantly engaged when in "Pump" position.</p>
0640477	Air Intake, Metal Screen, Saber FR/Enforcer	<p>ENGINE AIR INTAKE</p> <p>The engine air intake will be located above the engine cooling package. It will draw fresh air from the front of the apparatus through the radiator grille.</p> <p>A stainless steel metal screen will be installed at the inlet of the air intake system that will meet NFPA 1901 requirements.</p> <p>The air cleaner and stainless steel screen will be easily accessible by tilting the cab.</p>
0794761	Exhaust System, 4", 2017 L9 Engine, Horizontal, Right Side	<p>EXHAUST SYSTEM</p> <p>The exhaust system will be stainless steel from the turbo to the engine's aftertreatment device, and will be 4.00" in diameter. The exhaust system will include a single module aftertreatment device to meet current EPA standards. An insulation wrap will be provided on all exhaust pipes between the turbo and aftertreatment device to minimize the heat loss to the aftertreatment device. The exhaust will terminate horizontally ahead of the right side rear wheels. A tailpipe diffuser will be provided to reduce the temperature of the exhaust as it exits. Heat deflector shields will be provided to isolate chassis and body components from the heat of the tailpipe diffuser.</p>
0788765	Radiator, Saber FR/Enforcer	<p>RADIATOR</p> <p>The radiator and the complete cooling system will meet or exceed NFPA and engine manufacturer cooling system standards.</p> <p>For maximum corrosion resistance and cooling performance, the entire radiator core will be constructed using long life aluminum alloy. The radiator core will consist of aluminum fins, having a serpentine design, brazed to aluminum tubes.</p> <p>The radiator core will have a minimum front area of 1060 square inches.</p> <p>Supply tank will be made of heavy duty glass-reinforced nylon and the return tank will be made of aluminum. Both tanks will be crimped onto the core assembly using header tabs and a compression gasket to complete the radiator core assembly. There will be a full steel frame around the inserts to enhance cooling system durability and reliability.</p> <p>The radiator will be compatible with commercial antifreeze solutions.</p> <p>The radiator assembly will be isolated from the chassis frame rails with rubber isolators to prevent the development of leaks caused by twisting or straining when the apparatus operates over uneven terrain.</p> <p>The radiator will include a de-aeration/expansion tank. For visual coolant level inspection, the radiator will have a built-in sight glass. The radiator will be equipped with a 15 psi pressure relief cap.</p> <p>A drain port will be located at the lowest point of the cooling system and/or the bottom of the radiator to permit complete flushing of the coolant from the system.</p> <p>Shields or baffles will be provided to prevent recirculation of hot air to the inlet side of the radiator.</p>
0001090	Cooling Hoses, Rubber	<p>COOLANT LINES</p> <p>Gates, or Goodyear, rubber hose will be used for all engine coolant lines installed by Pierce Manufacturing.</p> <p>Hose clamps will be stainless steel constant torque type to prevent coolant leakage. They will expand and contract according to coolant system temperature thereby keeping a constant clamping pressure on the hose.</p>



0001125	Fuel Tank, 65 Gallon, Left Side Fill	<p>FUEL TANK</p> <p>A 65 gallon fuel tank will be provided and mounted at the rear of the chassis. The tank will be constructed of 12-gauge, hot rolled steel. It will be equipped with swash partitions and a vent. To eliminate the effects of corrosion, the fuel tank will be mounted with stainless steel straps. A 0.75" drain plug will be located in a low point of the tank for drainage.</p> <p>A fill inlet will be located on the left hand side of the body and is covered with a hinged, spring loaded, stainless steel door that is marked "Ultra Low Sulfur - Diesel Fuel Only."</p> <p>A 0.50" diameter vent will be installed from tank top to just below fuel fill inlet.</p> <p>The fuel tank will meet all FHWA 393.67 requirements including a fill capacity of 95 percent of tank volume.</p>
0001129	Lines Fuel	All fuel lines will be provided as recommended by the engine manufacturer.
0662965	DEF Tank, 4 5 Gallon, DS Fill, Rear of Axle, Common Air Bottle Door	<p>DIESEL EXHAUST FLUID TANK</p> <p>A 4.5 gallon diesel exhaust fluid (DEF) tank will be provided and mounted in the driver's side body rearward of the rear axle.</p> <p>A 0.50" drain plug will be provided in a low point of the tank for drainage.</p> <p>A fill inlet will be provided and marked "Diesel Exhaust Fluid Only". The fill inlet will be located adjacent to the air bottle storage behind a common door on the driver side of the vehicle.</p> <p>The tank will meet the engine manufacturers requirement for 10 percent expansion space in the event of tank freezing.</p> <p>The tank will include an integrated heater unit that utilizes engine coolant to thaw the DEF in the event of freezing.</p>
0552793	Not Required, Fuel Priming Pump	
0552712	Not Required, Shutoff Valve, Fuel Line	
0699437	Cooler, Chassis Fuel, Not Req'd.	
0642572	Trans, Allison 5th Gen, 3000 EVS P, w/Prognostics, Imp/Vel/DCF/SFR/Enf	<p>TRANSMISSION</p> <p>An Allison 5th generation, Model EVS 3000P, electronic torque converting automatic transmission will be provided.</p> <p>The transmission will be equipped with prognostics to monitor oil life, filter life, and transmission health. A wrench icon on the shift selector's digital display will indicate when service is due.</p> <p>Two (2) PTO openings will be located on both sides of converter housing (positions 4 o'clock and 8 o'clock) as viewed from the rear.</p> <p>A transmission temperature gauge with red light and audible alarm will be installed on the cab dash.</p>
0625329	Transmission, Shifter, 5-Spd Push Button, 3000 EVS	<p>TRANSMISSION SHIFTER</p> <p>A five (5)-speed push button shift module will be mounted to right of driver on console. Shift position indicator will be indirectly lit for after dark operation.</p> <p>The transmission ratio will be:</p> <p>1st 3.49 to 1.00</p> <p>2nd 1.86 to 1.00</p> <p>3rd 1.41 to 1.00</p> <p>4th 1.00 to 1.00</p> <p>5th 0.75 to 1.00</p> <p>R 5.03 to 1.00</p>
0684459	Transmission Oil Cooler, Modine, External	<p>TRANSMISSION COOLER</p> <p>A Modine plate and fin transmission oil cooler will be provided using engine coolant to control the transmission oil temperature.</p>
0090176	Mode, Downshift, Aggressive downshift to 3rd, w/engine brake, 5 speed	<p>DOWNSHIFT MODE (w/engine brake)</p> <p>The transmission will be provided with an aggressive downshift mode. This will provide earlier transmission downshifts to 3rd gear, resulting in improved engine braking performance.</p>
0001370	Driveline, Spicer 1710	<p>DRIVELINE</p> <p>Drivelines will be a heavy-duty metal tube and be equipped with Spicer® 1710 universal joints. The shafts will be dynamically balanced before installation.</p> <p>A splined slip joint will be provided in each driveshaft where the driveline design requires it. The slip joint will be coated with Glidecoat® or equivalent.</p>

0635294	Steering, Single Gear TRW TAS-85, w/tilt, Pump w/ Cooler, Saber FR/Enforcer	<p>STEERING Steering gear will be provided with integral heavy-duty power steering. For reduced system temperatures, the power steering will incorporate an air to oil cooler and Vickers® V20NF hydraulic pump with integral pressure and flow control. All power steering lines will have wire braided lines with crimped fittings. A tilt and telescopic steering column will be provided to improve fit for a broader range of driver configurations.</p>
0605356	Steering Wheel, 4 Spoke without Controls, Saber FR/Enforcer	<p>STEERING WHEEL The steering wheel will be 18.00" in diameter, have tilting and telescoping capabilities, and a 4-spoke design.</p>
0690274	Logo/Emblem, on Dash	<p>LOGO AND CUSTOMER DESIGNATION ON DASH The dash panel will have an emblem containing the Pierce logo and customer name. The emblem will have three (3) rows of text for the customer's department name. There will be a maximum of eight (8) characters in the first row, 11 characters in the second row and 11 characters in the third row. The first row of text will be: Lockhart The second row of text will be: Fire The third row of text will be: Rescue</p>
0630342	Bumper, 16" Extended, Steel Painted, Saber FR/Enforcer	<p>BUMPER A one (1) piece bumper manufactured from 0.25" formed steel with a 0.38" bend radius will be provided. The bumper will be a minimum of 10.00" high with a 1.50" top and bottom flange, and will extend 16.00" from the face of the cab. The bumper will be 95.28" wide with 45 degree corners and side plates. The bumper will be metal finished and painted job color. To provide adequate support strength, the bumper will be mounted directly to the front of the C channel frame. The frame will be a bolted modular extension frame constructed of 50,000 psi tensile steel.</p> <p>Gravel Pan A gravel pan, constructed of bright aluminum treadplate, will be furnished between the bumper and the cab face. The pan will be properly supported from the underside to prevent flexing and vibration.</p>
0640199	Tray, Hose, Center, 16" Bumper, Outside Air Horns	<p>CENTER HOSE TRAY A hose tray, constructed of aluminum, will be placed in the center of the bumper extension. The tray will have a capacity of 100' of 1.75" double jacket cotton-polyester hose. Aluminum grating will be provided at the bottom of the tray. Drain holes are also provided.</p>
0633479	Hose Restraint, Bumper Tray, Velcro Straps, Pair	<p>Center Hose Tray Restraint There will be one (1) pair of hose tray restraint straps located over the center mounted tray. The restraints will be a pair of 2.00" wide black nylon straps with Velcro® fasteners provided. The strap(s) will be used to secure the hose in the tray.</p>
0614646	No Lift & Tow Package, Imp/Vel, AXT, SFR/Enf	
0002270	Tow Hooks, Chrome	<p>TOW HOOKS Two (2) chromed steel tow hooks will be installed under the bumper and attached to the front frame members. The tow hooks will be designed and positioned to allow up to a 6,000 lb straight horizontal pull in line with the centerline of the vehicle. The tow hooks will not be used for lifting of the apparatus.</p>
0012300	Bracket, License Plate, Frt Bumper Non-Illuminated	<p>LICENSE PLATE BRACKET A non-illuminated license plate bracket will be mounted on the front bumper. The bracket will be formed from bright stainless steel.</p>
0558109	Notch, Front For Recessing Of Q2B, Painted Bumper	<p>FRONT BUMPER NOTCH The front bumper will be notched for recessing of the Q2B siren. The notch will be designed so that the bumper is one continuous piece. The notch will be welded in place for strength with a continuous top and bottom flange. All welds will be metal finished for appearance. The siren will be located left side of the bumper.</p>

CAB

The cab will be designed specifically for the fire service and manufactured by the chassis builder. The cab will be built by the apparatus manufacturer in a facility located on the manufacturer's premises.

For reasons of structural integrity and enhanced occupant protection, the cab will be a heavy duty design, constructed to the following minimal standards:

The cab will have 12 main vertical structural members located in the A-pillar (front cab corner posts), B-pillar (side center posts), C-pillar (rear corner posts), and rear wall areas. The A-pillar will be constructed of solid A356-T5 aluminum castings. The B-pillar and C-pillar will be constructed from 0.13" wall extrusions. The rear wall will be constructed of two (2) 2.00" x 2.00" outer aluminum extrusions and two (2) 2.00" x 1.00" inner aluminum extrusions. All main vertical structural members will run from the floor to 4.625" x 3.864" x 0.090" thick roof extrusions to provide a cage-like structure with the A-pillar and roof extrusions being welded into a 0.25" thick corner casting at each of the front corners of the roof assembly.

The front of the cab will be constructed of a 0.13" firewall plate, covered with a 0.090" front skin (for a total thickness of 0.22"), and reinforced with a full width x 0.50" thick cross-cab support located just below the windshield and fully welded to the engine tunnel. The cross-cab support will run the full width of the cab and weld to each A-pillar, the 0.13" firewall plate, and the front skin.

The cab floors will be constructed of 0.125" thick aluminum plate and reinforced at the firewall with an additional 0.25" thick cross-floor support providing a total thickness of 0.375" of structural material at the front floor area. The front floor area will also be supported with two (2) triangular 0.30" wall extrusions that also provides the mounting point for the cab lift. This tubing will run from the floor wireway of the cab to the engine tunnel side plates, creating the structure to support the forces created when lifting the cab.

The cab will be 96.00" wide (outside door skin to outside door skin) to maintain maximum maneuverability.

The forward cab section will have an overall height (from the cab roof to the ground) of approximately 99.00". The crew cab section will have a 10.00" raised roof, with an overall cab height of approximately 109.00". The overall height listed will be calculated based on a truck configuration with the lowest suspension weight rating, the smallest diameter tires for the suspension, no water weight, no loose equipment weight, and no personnel weight. Larger tires, wheels, and suspension will increase the overall height listed.

The floor to ceiling height inside the crew cab will be 64.50" in the center and outboard positions. The crew cab floor will measure 36.00" from the rear wall to the front of the rear facing seat risers. The engine tunnel, at the rearward highest point (knee level), will measure 51.50" to the rear wall.

The crew cab will be a totally enclosed design with the interior area completely open to improve visibility and verbal communication between the occupants.

The cab will be a full tilt cab style.

A 3-point cab mount system with rubber isolators will improve ride quality by isolating chassis vibrations from the cab.

CAB ROOF DRIP RAIL

For enhanced protection from inclement weather, a drip rail will be furnished on the sides of the cab. The drip rail will be painted to match the cab roof, and bonded to the sides of the cab. The drip rail will extend the full length of the cab roof.

INTERIOR CAB INSULATION

The cab will include 1.00" insulation in the ceiling, 1.50" insulation in the side walls, and 2.00" insulation in the rear wall to maximize acoustic absorption and thermal insulation.

FENDER LINERS

Full circular inner fender liners in the wheel wells will be provided.

PANORAMIC WINDSHIELD

A 1-piece safety glass windshield will be provided with over 2,775 square inches of clear viewing area. The windshield will be full width and will provide the occupants with a panoramic view. The windshield will consist of three (3) layers: outer light, middle safety laminate, and inner light. The outer light layer will provide superior chip resistance. The middle safety laminate layer will prevent the windshield glass pieces from detaching in the event of breakage. The inner light will provide yet another chip resistant layer. The cab windshield will be bonded to the aluminum windshield frame using a urethane adhesive. A custom frit pattern will be applied on the outside perimeter of the windshield for a finished automotive appearance.

WINDSHIELD WIPERS

Three (3) electric windshield wipers with washer will be provided that meet FMVSS and SAE requirements.

The washer reservoir will be able to be filled without raising the cab.

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0647919

Engine Tunnel ISL. Saber
FR/Enforcer

ENGINE TUNNEL

Engine hood side walls will be constructed of 0.375" aluminum. The top will be constructed of 0.125" aluminum and will be tapered at the top to allow for more driver and passenger elbow room

The engine hood will be insulated for protection from heat and sound. The noise insulation keeps the dBA level within the limits stated in the current NFPA 1901 standards.

The engine tunnel will be no higher than 17.00' off the crew cab floor.



0633594 Rear Wall, Interior, Adjustable Seating **INTERIOR CREW CAB REAR WALL ADJUSTABLE SEATING (PATENT PENDING)**
The interior rear wall of the crew cab will have mounting holes every 2.75" to allow for adjustability of the forward facing crew cab seating along the rear wall. Seats will be adjustable with use of simple hand tools allowing departments flexibility of their seating arrangement should their department needs change.



0632103 Rear Wall, Exterior, Cab, Saber FR/Enforcer **CAB REAR WALL EXTERIOR COVERING**
The exterior surface of the rear wall of the cab will be overlaid with bright aluminum treadplate except for areas that are not typically visible when the cab is lowered.

0644201 Cab Lift, Elec/Hyd, Saber FR/Enforcer **CAB LIFT**
A hydraulic cab lift system will be provided consisting of an electric powered hydraulic pump, dual lift cylinders, and necessary hoses and valves.
Lift controls will be located on the right side pump panel or front area of the body in a convenient location.
The cab will be capable of tilting 43 degrees to accommodate engine maintenance and removal. The cab will be locked down by a 2-point normally closed spring loaded hook type latch that fully engages after the cab has been lowered. The system will be hydraulically actuated to release the normally closed locks when the cab lift control is in the raised position and cab lift system is under pressure. When the cab is completely lowered and system pressure has been relieved, the spring loaded latch mechanisms will return to the normally closed and locked position.
The hydraulic cylinders will be equipped with a velocity fuse that protects the cab from accidentally descending when the control is located in the tilt position.
For increased safety, a redundant mechanical stay arm will be provided that must be manually put in place on the left side between the chassis and cab frame when the cab is in the raised position. This device will be manually stowed to its original position before the cab can be lowered.
Cab Lift Interlock
The cab lift system will be interlocked to the parking brake. The cab tilt mechanism will be active only when the parking brake is set and the ignition switch is in the on position. If the parking brake is released, the cab tilt mechanism will be disabled.

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0638869	Grille, Polished Stainless Steel, Painted, Front of Cab, Saber	GRILLE An aluminum grille screen, painted job color with polished stainless steel framework will be provided on the front center of the cab.
0002224	Scuffplates, S/S At Cab Door Jambs, 4-Door Cab	DOOR JAMB SCUFFPLATES All cab door jambs will be furnished with a polished stainless steel scuffplate, mounted on the striker side of the jamb.
0647932	Not Required, Trim, S/S Band, Across Cab Face, AXT/Dash CF/Saber/Enforcer	
0087357	Molding, Chrome on Side of Cab	SIDE OF CAB MOLDING Chrome molding will be provided on both sides of cab.
0521669	Mirrors, Retrac. West Coast Style, Htd/Rmt. w/Htd/Rmt Convex	MIRRORS A Retrac, Model 613423, dual vision, motorized, west coast style mirror, with chrome finish, will be mounted on each side of the front cab door with spring loaded retractable arms. The flat glass and convex glass will be heated and adjustable with remote control within reach of the driver.

0648172

Door, Full Height, Saber FR/Enforcer
4-Door Cab Raised Roof

DOORS

To enhance entry and egress to the cab, the forward cab doors will be a minimum of 37.50" wide x 75.50" high. The crew cab doors will be located on the sides of the cab and will be constructed in the same manner as the forward cab doors. The crew cab door openings will be a minimum of 34.30" wide x 85.50" high

The forward cab and crew cab doors will be constructed of extruded aluminum with a nominal material thickness of 0.093". The exterior door skins will be constructed from 0.090" aluminum. A customized, vertical, pull-down type door handle will be provided on the exterior of each cab door. The exterior handle will be designed specifically for the fire service to prevent accidental activation, and will provide 4.00" wide x 2.00" deep hand clearance for ease of use with heavy gloved hands.

Each door will also be provided with an interior flush, open style paddle handle that will be readily operable from fore and aft positions, and be designed to prevent accidental activation. The interior handles will provide 4.00" wide x 1.25" deep hand clearance for ease of use with heavy gloved hands.

The cab doors will be provided with both interior (rotary knob) and exterior (keyed) locks exceeding FMVSS standards. The keys will be Model 751. The locks will be capable of activating when the doors are open or closed. The doors will remain locked if locks are activated when the doors are opened, then closed.

A full length, heavy duty, stainless steel, piano-type hinge with a 0.38" pin and 11 gauge leaf will be provided on all cab doors. There will be double automotive-type rubber seals around the perimeter of the door framing and door edges to ensure a weather-tight fit.

A chrome grab handle will be provided on the inside of each cab door for ease of entry.

A red webbed grab handle will be installed on the crew cab door stop strap. The grab handles will be securely mounted.

The cab steps at each cab door location will be located inside the cab doors to protect the steps from weather elements.



Exterior Door Handle



Interior Door Handle

0655543

Door Panel, Brushed Stainless Steel,
Saber/Enforcer 4-Door Cab

Door Panels

The inner cab door panels will be constructed out of brushed stainless steel.

0528958

Not Required, Controls Electric
Window, AXT, Quantum, Saber
Enforcer, Dash CF

MANUAL CAB DOOR WINDOWS

All cab entry doors will contain a conventional roll down window

0638310

Steps, 4-Door Cab, Saber
FR/Enforcer

CAB STEPS

The forward cab and crew cab access steps will be a full size two (2) step design to provide largest possible stepping surfaces for safe ingress and egress. The bottom steps will be designed with a grip pattern punched into bright aluminum treadplate material to provide support, slip resistance, and drainage. The bottom steps will be a bolt-in design to minimize repair costs should they need to be replaced. The forward cab steps will be a minimum 25.00" wide, and the crew cab steps will be 21.65" wide with a 10.00" minimum depth. The inside cab steps will not exceed 16.50" in height.

The vertical surfaces of the step well will be aluminum treadplate.

0770194	Handrail, Exterior, Knurled Alum. 4-Door Cab	CAB EXTERIOR HANDRAILS A 1.25" diameter slip-resistant, knurled aluminum handrail will be provided adjacent to each cab and crew cab door opening to assist during cab ingress and egress.
0634786	Lights, Cab & Crw Cab Acc Stps. P25, LED w/Bezel. 1Lt Per Step 6lts	STEP LIGHTS There will be six (6) white LED step lights installed for cab and crew cab access steps. One (1) light for the driver's access steps. Two (2) lights for the driver's side crew cab access steps. Two (2) lights for the passenger's side crew cab access steps. One (1) light for the passenger's side access step. In order to ensure exceptional illumination, each light will provide a minimum of 25 foot-candles (fc) covering an entire 15" x 15" square placed ten (10) inches below the light and a minimum of 1.5 fc covering an entire 30" x 30" square at the same ten (10) inch distance below the light. The lights will be activated when the battery switch is on and the adjacent door is opened.
0002141	Fenders, s/s on cab - Saber/Enforcer	FENDER CROWNS Stainless steel fender crowns will be installed at the cab wheel openings.
0042105	No Windows, Side of Crew Cab	
0012090	Not Required, Windows, Front/Side of raised roof	
0779033	Not Required, Windows Rear of Crew Cab, Saber FR/Enforcer	
0634206	Mounting Provisions, 1/4" Alum, Full Engine Tunnel, Saber FR/Enforcer	MOUNTING PLATE ON ENGINE TUNNEL Equipment installation provisions will be installed on the engine tunnel. A .25" smooth aluminum plate will be bolted to the top surface of the engine tunnel. The plate will follow the contour of the engine tunnel and will run the entire length of the engine tunnel. The plate will be spaced off the engine tunnel .50" to allow for wire routing below the plate. The mounting surface will be painted to match the cab interior.
0750824	Cab Interior, Vinyl Headliner, Saber FR/Enforcer, CARE	CAB INTERIOR The cab interior will be constructed of primarily metal (painted aluminum) to withstand the severe duty cycles of the fire service. The officer side dash will be a flat faced design to provide easy maintenance and will be constructed out of painted aluminum. The instrument cluster will be surrounded with a high impact ABS plastic contoured to the same shape of the instrument cluster. The engine tunnel will be padded and covered, on the top and sides, with dark silver gray 36 ounce leather grain vinyl resistant to oil, grease, and mildew. For durability and ease of maintenance, the cab interior side walls will be painted aluminum. The rear wall will be painted aluminum. The headliner will be installed in both forward and rear cab sections. Headliner material will be vinyl. A sound barrier will be part of its composition. Material will be installed on an aluminum sheet and securely fastened to interior cab ceiling. The forward portion of the cab headliner will permit easy access for service of electrical wiring or other maintenance needs. All wiring will be placed in metal raceways. CAB INTERIOR UPHOLSTERY The cab interior upholstery will be 36 oz dark silver gray vinyl.
0753903	Cab Interior Paint Color, Saber FR/Enforcer	CAB INTERIOR PAINT The cab interior metal surfaces, excluding the rear heater panels, will be painted fire smoke gray vinyl texture paint. The rear heater panels will be painted black, vinyl textured paint.

0052100	Floor. Rubber Padded. Cab & Crew Cab. Saber/Enforcer	<p>CAB FLOOR</p> <p>The cab and crew cab floor areas will be covered with Polydamp™ acoustical floor mat consisting of a black pyramid rubber facing and closed cell foam decoupler. The top surface of the material has a series of raised pyramid shapes evenly spaced which offer a superior grip surface. Additionally, the material has a 0.25" thick closed cell foam (no water absorption) which offers a sound dampening material for reducing sound levels.</p>
0741237	HVAC. Saber/Enforcer. CARE	<p>DEFROST/AIR CONDITIONING SYSTEM</p> <p>A ceiling mounted combination heater, defroster and air conditioning system will be installed in the cab above the engine tunnel area.</p> <p>Cab Defroster</p> <p>A 54,000 BTU heater-defroster unit with 690 SCFM of air flow will be provided inside the cab. The heater-defrost will be installed in the forward portion of the cab ceiling. Air outlets will be strategically located in the cab header extrusion per the following:</p> <ul style="list-style-type: none"> One (1) adjustable will be directed towards the left side cab window One (1) adjustable will be directed towards the right side cab window Six (6) fixed outlets will be directed at the windshield <p>The defroster will be capable of clearing 98 percent of the windshield and side glass when tested under conditions where the cab has been cold soaked at 0 degrees Fahrenheit for 10 hours, and a 2 ounce per square inch layer of frost/ice has been able to build up on the exterior windshield. The defroster system will meet or exceed SAE J382 requirements</p> <p>Cab/Crew Auxiliary Heater</p> <p>There will be one (1) 31,000 BTU auxiliary heater with 560 SCFM of air flow provided in each outboard rear facing seat risers with a dual scroll blower. An aluminum plenum incorporated into the cab structure used to transfer heat to the forward positions</p> <p>Air Conditioning</p> <p>A condenser will be a 59,644 BTU output that meets and exceeds the performance specification will be mounted on the radiator.</p> <p>The air conditioning system will be capable of cooling the average cab temperature from 100 degrees Fahrenheit to 75 degrees Fahrenheit at 50 percent relative humidity within 30 minutes. The cooling performance test will be run only after the cab has been heat soaked at 100 degrees Fahrenheit for a minimum of 4 hours.</p> <p>The evaporator unit will be installed in the rear portion of the cab ceiling over the engine tunnel. The evaporator will include one (1) high performance heating core, one (1) high performance cooling core with (1) plenum directed to the front and one (1) plenum directed to the rear of the cab.</p> <p>The evaporator unit will have a 52,000 BTU at 690 SCFM rating that meets and exceeds the performance specifications.</p> <p>Adjustable air outlets will be strategically located on the forward plenum cover per the following:</p> <ul style="list-style-type: none"> Four (4) will be directed towards the seating position on the left side of the cab Four (4) will be directed towards the seating position on the right side of the cab <p>Adjustable air outlets will be strategically located on the evaporator cover per the following:</p> <ul style="list-style-type: none"> Five (5) will be directed towards crew cab area <p>A high efficiency particulate air (HEPA) filter will be included for the system. Access to the filter cover will be secured with four (4) screws.</p> <p>The air conditioner refrigerant will be R-134A and will be installed by a certified technician.</p> <p>Climate Control</p> <p>An automotive style controller will be provided to control the heat and air conditioning system within the cab. The controller will have three (3) functional knobs for fan speed, temperature, and air flow distribution (front to rear) control.</p> <p>The system will control the temperature of the cab and crew cab automatically by pushing the center of the fan speed control knob. Rotate the center temperature control knob to set the cab and crew cab temperature.</p> <p>The AC system will be manually activated by pushing the center of the temperature control knob. Pushing the center of the air flow distribution knob will engage the AC for max defrost, setting the fan speeds to 100 percent and directing all air flow to the overhead forward position.</p> <p>The system controller will be located within panel position #12</p> <p>Gravity Drain Tubes</p> <p>Two (2) condensate drain tubes will be provided for the air conditioning evaporator. The drip pan will have two (2) drain tubes plumbed separately to allow for the condensate to exit the drip pan. No pumps will be provided.</p>
0639675	Sun Visor. Smoked Lexan. AXT. Dash CF Imp/Vel. Saber FR/Enforcer	<p>SUN VISORS</p> <p>Two (2) smoked Lexan™ sun visors provided. The sun visors will be located above the windshield with one (1) mounted on each side of the cab</p> <p>There will be no retention bracket provided to help secure each sun visor in the stowed position</p>
0634328	Grab Handles. Driver and Officer Door Posts. Saber FR/Enforcer	<p>GRAB HANDLES</p> <p>A black rubber covered grab handle will be mounted on the door post of the driver and officer's side cab door to assist in entering the cab. The grab handles will be securely mounted to the post area between the door and windshield</p>

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- 0583938 Lights, Engine Compmt. Custom, Auto Sw. Win 3SC0CDCR. 3" LED. Trim **ENGINE COMPARTMENT LIGHTS**
There will be one (1) Whelen, Model 3SC0CDCR, 12 volt DC, 3.00" white LED light(s) with Whelen, Model 3FLANGEC. chrome flange kit(s) installed under the cab to be used as engine compartment illumination.
These light(s) will be activated automatically when the cab is raised.
- 0631830 Fluid Check Access, Saber FR/Enforcer. Arrow XT **ACCESS TO ENGINE DIPSTICKS**
For access to the engine oil and transmission fluid dipsticks, there will be a door on the engine tunnel, inside the crew cab. The door will be on the rear wall of the engine tunnel, on the vertical surface.
The engine oil dipstick will allow for checking only. The transmission dipstick will allow for both checking and filling.
The door will have a rubber seal for thermal and acoustic insulation. One (1) flush latch will be provided on the access door.

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0583042	Side Roll and Frontal Impact Protection	<p>CAB SAFETY SYSTEM</p> <p>The cab will be provided with a safety system designed to protect occupants in the event of a side roll or frontal impact, and will include the following:</p> <p>A supplemental restraint system (SRS) sensor will be installed on a structural cab member behind the instrument panel. The SRS sensor will perform real time diagnostics of all critical subsystems and will record sensory inputs immediately before and during a side roll or frontal impact event.</p> <p>A slave SRS sensor will be installed in the cab to provide capacity for eight (8) crew cab seating positions.</p> <p>A fault-indicating light will be provided on the vehicle's instrument panel allowing the driver to monitor the operational status of the SRS system</p> <p>A driver side front air bag will be mounted in the steering wheel and will be designed to protect the head and upper torso of the occupant, when used in combination with the 3-point seat belt</p> <p>A passenger side knee bolster air bag will be mounted in the modesty panel below the dash panel and will be designed to protect the legs of the occupant, when used in combination with the 3-point seat belt.</p> <p>Air curtains will be provided in the outboard bolster of outboard seat backs to provide a cushion between occupant and the cab wall.</p> <p>Suspension seats will be provided with devices to retract them to the lowest travel position during a side roll or frontal impact event.</p> <p>Seat belts will be provided with pre-tensioners to remove slack from the seat belt during a side roll or frontal impact event.</p>
		<p>FRONTAL IMPACT PROTECTION</p> <p>The SRS system will provide protection during a frontal or oblique impact event. The system will activate when the vehicle decelerates at a predetermined G force known to cause injury to the occupants. The cab and chassis will have been subjected, via third party test facility, to a crash impact during frontal and oblique impact testing. Testing included all major chassis and cab components such as mounting straps for fuel and air tanks, suspension mounts, front suspension components, rear suspensions components, frame rail cross members, engine and transmission and their mounts, pump house and mounts, frame extensions and body mounts. The testing provided configuration specific information used to optimize the timing for firing the safety restraint system. The sensor will activate the pyrotechnic devices when the correct crash algorithm, wave form, is detected.</p> <p>The SRS system will deploy the following components in the event of a frontal or oblique impact event:</p> <p>Driver side front air bag</p> <p>Passenger side knee bolster air bag</p> <p>Air curtains mounted in the outboard bolster of outboard seat backs</p> <p>Suspension seats will be retracted to the lowest travel position</p> <p>Seat belts will be pre-tensioned to firmly hold the occupant in place</p>
		<p>SIDE ROLL PROTECTION</p> <p>The SRS system will provide protection during a fast or slow 90 degree roll to the side, in which the vehicle comes to rest on its side. The system will analyze the vehicle's angle and rate of roll to determine the optimal activation of the advanced occupant restraints.</p> <p>The SRS system will deploy the following components in the event of a side roll:</p> <p>Air curtains mounted in the outboard bolster of outboard seat backs</p> <p>Suspension seats will be retracted to the lowest travel position</p> <p>Seat belts will be pre-tensioned to firmly hold the occupant in place</p>
0622619	Seating Capacity, 4 Seats	<p>SEATING CAPACITY</p> <p>The seating capacity in the cab will be four (4).</p>
0636955	Seat, Driver, Pierce PSV, Air Ride, High Back, Safety, Saber FR/Enforcer	<p>DRIVER SEAT</p> <p>A seat will be provided in the cab for the driver. The seat design will be a cam action type with air suspension. For increased convenience, the seat will include a manual control to adjust the horizontal position (6.00" travel). The manual horizontal control will be a towel-bar style located below the forward part of the seat cushion. To provide flexibility for multiple driver configurations, the seat will have an adjustable reclining back. The seat back will be a high back style with side bolster pads for maximum support. For optimal comfort, the seat will be provided with 17.00" deep foam cushions designed with EVC (elastomeric vibration control)</p> <p>The seat will include the following features incorporated into the side roll protection system</p> <p>Side air curtain will be mounted integral to the outboard bolster of the seat back. The air curtain will be covered by a decorative panel when in the stowed position.</p> <p>A suspension seat safety system will be included. When activated in the event of a side roll, this system will pretension the seat belt and retract the seat to its lowest travel position</p> <p>The seat will be furnished with a 3-point, shoulder type seat belt.</p>
0636942	Seat, Officer, Pierce PSV, Fixed, SCBA, Safety, Saber FR/Enforcer	<p>OFFICER SEAT</p> <p>A seat will be provided in the cab for the passenger. The seat will be a fixed type, with no suspension. For optimal comfort, the seat will be provided with 17.00" deep foam cushions designed with EVC (elastomeric vibration control)</p> <p>The seat back will be an SCBA back style with 5 degree fixed recline angle. The SCBA cavity will be adjustable from front to rear in 1.00" increments, to accommodate different sized SCBA cylinders. Moving the SCBA cavity will be accomplished by unbolting, relocating, and re-bolting it in the desired location.</p> <p>The seat will include the following features incorporated into the side roll protection system:</p> <p>Side air curtain will be mounted integral to the outboard bolster of the seat back. The air curtain will be covered by a decorative panel when in the stowed position.</p> <p>A seat safety system will be included. When activated, this system will pretension the seat belt.</p> <p>The seat will be furnished with a 3-point, shoulder type seat belt.</p>

0620420 Radio Compartment, Below Non-Air Ride Seat, Saber FR/Enforcer **RADIO COMPARTMENT**
A radio compartment will be provided under the officer's seat. The inside compartment dimensions will be 16.00" wide x 7.50" high x 15.00" deep, with the back of the compartment angled up to match the cab structure. A drop-down door with a chrome plated lift and turn latch will be provided for access. The compartment will be constructed of smooth aluminum and painted to match the cab interior.

0754655 Cabinet, Rear Facing, LS, 23 W x 43 H x 26.75 D, Roll, Ext Acc, SFR/Enf **REAR FACING LEFT SIDE CABINET**
A rear facing cabinet will be provided in the crew cab at the left side outboard position. The cabinet will be 23.00" wide x 43.00" high x 26.75" deep with one (1) Amdor rollup door with white finish, non-locking. The frame to frame opening will be 16.00" wide x 37.75" high. The minimum clear door opening of the cabinet will be 13.25" wide x 31.87" high. The cabinet will also provide access from outside the cab with one (1) double pan door painted to match the cab exterior with a locking D-ring latch with #751 key. A rubber bumper will be provided as a door stop. The door will be located on the side of the cab over the wheelwell. The clear door opening will be 17.00" wide x 34.00" high. The cabinet will include one (1) infinitely adjustable shelf with a 0.75" up-turned lipped painted to match the cab interior. The cabinet will include no louvers. The exterior access will be provided with a polished stainless steel scuffplate on the lower door frame. The cabinet will be constructed of smooth aluminum and painted to match the cab interior.
Cabinet Light
There will be one (1) white LED strip light installed on the right side of the interior cabinet door opening. The lights will be controlled by an automatic door switch.

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0102783 Not Required, Seat, Rr Facing C/C, Center

0767456 Cabinet, Rear Facing, RS, 22 W x 43 H x 26.75 D, Roll, Ext Acc, SFR/Enf **REAR FACING RIGHT SIDE CABINET**
A rear facing cabinet will be provided in the crew cab at the right side outboard position. The cabinet will be 22.00" wide x 43.00" high x 26.75" deep with one (1) Amdor rollup door with white finish, non-locking. The frame to frame opening will be 17.50" wide x 37.75" high. The minimum clear door opening of the cabinet will be 14.75" wide x 31.87" high. The cabinet will include two (2) infinitely adjustable shelves with a 0.75" up-turned lipped painted to match the cab interior. The cabinet will include no louvers. The cabinet will also provide access from outside the cab with one (1) double pan door painted to match the cab exterior with a non-locking D-ring latch. A rubber bumper will be provided as a door stop. The exterior clear door opening will be 17.00" wide x 34.00" high. The exterior access will be provided with a polished stainless steel scuffplate on the lower door frame. The cabinet will be constructed of smooth aluminum, and painted to match the cab interior.
Cabinet Light
There will be one (1) white LED strip light installed on the left side of the exterior cabinet door opening. The lights will be controlled by an automatic door switch.

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0108189 Not Required, Seat, Forward Facing C/C, DS Outboard

0635957	Seat, Forward Facing C/C, Center. (2) Pierce PSV SCBA, Safety, Saber FR/Enf	<p>FORWARD FACING CENTER SEATS</p> <p>There will be two (2) forward facing seats provided at the center position in the crew cab. For optimal comfort, the seats will be provided with 15 00" deep foam cushions designed with EVC (elastomeric vibration control).</p> <p>The seat backs will be an SCBA style with 90 degree back. The SCBA cavity will be adjustable from front to rear in 1.00" increments to accommodate different sized SCBA cylinders. Moving the SCBA cavity will be accomplished by unbolting, relocating, and re-bolting it in the desired location.</p> <p>The seat will include the following features incorporated into the side roll protection system: A seat safety system will be included. When activated, this system will pretension the seat belt. The seats will be furnished with a 3-point, shoulder type seat belt.</p>
0108190	Not Required, Seat, Forward Facing C/C, PS Outboard	
0566653	Upholstery, Seats In Cab, Turnout Tuff	<p>SEAT UPHOLSTERY</p> <p>All seat upholstery will be black Turnout Tuff material.</p>
0543991	Bracket, Air Bottle, Hands-Free II Cab Seats	<p>AIR BOTTLE HOLDERS</p> <p>All SCBA type seats in the cab will have a "Hands-Free" auto clamp style bracket in its backrest. For efficiency and convenience, the bracket will include an automatic spring clamp that allows the occupant to store the SCBA bottle by simply pushing it into the seat back. For protection of all occupants in the cab, in the event of an accident, the inertial components within the clamp will constrain the SCBA bottle in the seat and will exceed the NFPA standard of 9G.</p> <p>There will be a quantity of three (3) SCBA brackets.</p>
0603866	Seat Belt, Dual Retractor, ReadyReach, Saber FR/Enforcer	<p>SEAT BELTS</p> <p>All cab and tiller cab (if applicable) seating positions will have red seat belts. To provide quick, easy use for occupants wearing bunker gear, the female buckle and seat belt webbing length will meet or exceed the current edition of NFPA 1901 and CAN/ULC - S515 standards.</p> <p>The 3-point shoulder type seat belts will include height adjustment. This adjustment will optimize the belts effectiveness and comfort for the seated firefighter. The 3-point shoulder type seat belts will be furnished with dual automatic retractors that will provide ease of operation in the normal seating position.</p> <p>The 3-point shoulder type belts will also include the ReadyReach D-loop assembly to the shoulder belt system. The ReadyReach feature adds an extender arm to the D-loop location placing the D-loop in a closer, easier to reach location.</p> <p>Any flip up seats will include a 3-point shoulder type belts only.</p> <p>To ensure safe operation, the seats will be equipped with seat belt sensors in the seat cushion and belt receptacle that will activate an alarm indicating a seat is occupied but not buckled.</p>
0543133	Bracket, Helmet Holder, Zico UHH-1	<p>HELMET HOLDER</p> <p>There will be a total of three (3) Zico, Model UHH-1, helmet holder bracket(s) provided in the cab. The brackets will provide secure storage and quick access to each helmet. The location of the helmet holder bracket(s) will be determined at the time of final inspection.</p>
0647647	Lights, Dome, FRP Dual LED 4 Lts	<p>CAB DOME LIGHTS</p> <p>There will be four (4) dual LED dome lights with black bezels provided. Two (2) lights will be mounted above the inside shoulder of the driver and officer and two (2) lights will be installed and located, one (1) on each side of the crew cab.</p> <p>The color of the LED's will be red and white.</p> <p>The white LED's will be controlled by the door switches and the lens switch.</p> <p>The color LED's will be controlled by the lens switch.</p> <p>In order to ensure exceptional illumination, each white LED dome light will provide a minimum of 10.1 foot-candles (fc) covering an entire 20.00" x 20.00" square seating position when mounted 40.00" above the seat.</p>
0602637	Portable Hand Light, Provided by Fire Dept. Pumper NFPA 2016 Classification	<p>PORTABLE HAND LIGHTS, PROVIDED BY FIRE DEPARTMENT</p> <p>NFPA 1901, 2016 edition, section 5.9.4 requires two portable hand lights mounted in brackets fastened to the apparatus.</p> <p>The hand lights are not on the apparatus as manufactured. The fire department will provide and mount these hand lights.</p>
0545919	Handlight, Streamlight, Vulcan 44001 Yellow, 12v Charger Base, shoulder strap	<p>HAND HELD LIGHT</p> <p>There will be 12v Streamlight, model #44001, Vulcan lights mounted to floor to each side of forward facing crew seats. There will be two (2) lights provided.</p> <p>The Vulcan will be yellow in color.</p>
0563293	Handlight, Streamlight, Survivor, 90519, LED, 12v, Yellow 12v Charger	<p>HAND HELD SPOTLIGHT</p> <p>There will be four (4) lights yellow Streamlight Survivor 90519 LED flashlights provided and installed mounted at each seat area with in reach---determined at pre-construct. The 12 volt charger shall be included.</p>

CAB INSTRUMENTATION

The cab instrument panel will be a molded ABS panel and include gauges, telltale indicator lamps, control switches, alarms, and a diagnostic panel. The function of the instrument panel controls and switches will be identified by a label adjacent to each item. Actuation of the headlight switch will illuminate the labels in low light conditions. Telltale indicator lamps will not be illuminated unless necessary. The cab instruments and controls will be conveniently located within the forward cab section, forward of the driver. The gauge assembly and switch panels are designed to be removable for ease of service and low cost of ownership.

Gauges

The gauge panel will include the following ten (10) black faced gauges with black bezels to monitor vehicle performance

Voltmeter gauge (volts):

Low volts (11.8 VDC)

Amber telltale light on indicator light display with steady tone alarm

High volts (15.5 VDC)

Amber telltale light on indicator light display with steady tone alarm

Engine Tachometer (RPM)

Speedometer MPH (Major Scale), KM/H (Minor Scale)

Fuel level gauge (Empty - Full in fractions):

Low fuel (1/8 full)

Amber indicator light in gauge dial with steady tone alarm

Engine Oil pressure Gauge (PSI):

Low oil pressure to activate engine warning lights and alarms

Red indicator light in gauge dial with steady tone alarm

Front Air Pressure Gauges (PSI):

Low air pressure to activate warning lights and alarm

Red indicator light in gauge dial with steady tone alarm

Rear Air Pressure Gauges (PSI):

Low air pressure to activate warning lights and alarm

Red indicator light in gauge dial with steady tone alarm

Transmission Oil Temperature Gauge (Fahrenheit):

High transmission oil temperature activates warning lights and alarm

Amber indicator light in gauge dial with steady tone alarm

Engine Coolant Temperature Gauge (Fahrenheit):

High engine temperature activates an engine warning light and alarms

Red indicator light in gauge dial with steady tone alarm

Diesel Exhaust Fluid Level Gauge (Empty - Full in fractions):

Low fluid (1/8 full)

Amber indicator light in gauge dial

Indicator Lamps

To promote safety, the following telltale indicator lamps will be located on the instrument panel in clear view of the driver. The indicator lamps will be "dead-front" design that is only visible when active. The colored indicator lights will have descriptive text or symbols.

The following amber telltale lamps will be present:

Low coolant

Trac cntl (traction control) (where applicable)

Check engine

Check trans (check transmission)

Air rest (air restriction)

DPF (engine diesel particulate filter regeneration)

HET (engine high exhaust temperature) (where applicable)

ABS (antilock brake system)

MIL (engine emissions system malfunction indicator lamp) (where applicable)

Regen inhibit (engine emissions regeneration inhibit) (where applicable)

Side roll fault (where applicable)

Front air bag fault (where applicable)

Aux brake overheat (auxiliary brake overheat) (where applicable)

The following red telltale lamps will be present:

Ladder rack down

Parking brake

Stop engine

The following green telltale lamps will be present:

Left turn

Right turn

Battery on

Ignition

Aux brake (auxiliary brake engaged) (where applicable)

The following blue telltale lamps will be present:

High beam

Alarms

Audible steady tone warning alarm: A steady audible tone alarm will be provided whenever a warning condition is active.

Indicator Lamp and Alarm Prove-Out

A system will be provided which automatically tests telltale indicator lights and alarms located on the cab instrument panel. Telltale indicators and alarms will perform prove-out for 3 to 5 seconds when the ignition switch is moved to the on position with the battery switch on.

Control Switches

For ease of use, the following controls will be provided immediately adjacent to the cab instrument panel within easy reach of the driver. All switches will have backlit labels for low light applications.

Headlight/Parking light switch: A three (3)-position maintained rocker switch will be provided. The first switch position will deactivate all parking and headlights. The second switch position will activate the parking lights. The third switch will activate the headlights.

Panel back lighting intensity control switch: A three (3)-position momentary rocker switch will be provided. Pressing the top half of the switch, "Panel Up" increases the panel back lighting intensity and pressing the bottom half of the switch, "Panel Down" decreases the panel back lighting intensity. Pressing the half or bottom half of the switch several times will allow back

lighting intensity to be gradually varied from minimum to maximum intensity level for ease of use.
Ignition switch: A three (3)-position maintained/momentary rocker switch will be provided. The first switch position will turn off and deactivate vehicle ignition. The second switch position will activate vehicle ignition and will perform prove-out on the telltale indicators and alarms for 3 to 5 seconds after the switch is turned on. A green indicator lamp is activated with vehicle ignition. The third momentary position will temporarily silence all active cab alarms. An alarm "chirp" may continue as long as alarm condition exists. Switching ignition to off position will terminate the alarm silence feature and reset function of cab alarm system.

Engine start switch: A two (2)-position momentary rocker switch will be provided. The first switch position is the default switch position. The second switch position will activate the vehicle's engine. The switch actuator is designed to prevent accidental activation.

Hazard switch will be provided on the instrument panel or on the steering column Heater and defroster controls.

Turn signal arm: A self-canceling turn signal with high beam headlight controls.

Windshield wiper control will have high, low, and intermittent modes.

Parking brake control: An air actuated push/pull park brake control.

Chassis horn control: Activation of the chassis horn control will be provided through the center of the steering wheel.

High idle engagement switch. A maintained rocker switch with integral indicator lamp will be provided. The switch will activate and deactivate the high idle function. The "OK To Engage High Idle" indicator lamp must be active for the high idle function to engage. A green indicator lamp integral to the high idle engagement switch will indicate when the high idle function is engaged.

"OK To Engage High Idle" indicator lamp: A green indicator light will be provided next to the high idle activation switch to indicate that the interlocks have been met to allow high idle engagement. Emergency switching will be controlled by multiple individual warning light switches for various groups or areas of emergency warning lights. An Emergency Master switch provided on the instrument panel that enables or disables all individual warning light switches is included.

An additional "Emergency Master" button will be provided on the lower left hand corner of the gauge panel to allow convenient control of the "Emergency Master" system from inside the driver's door when standing on the ground.

Custom Switch Panels

The design of cab instrumentation will allow for emergency lighting and other switches to be placed within easy reach of the operator thus improving safety. There will be positions for up to four (4) switch panels in the lower instrument console and up to six (6) switch panels in the overhead visor console. All switches have backlit labels for low light conditions.

Diagnostic Panel

A diagnostic panel will be provided and accessible while standing on the ground. The panel will be located inside the driver's side door left of the steering column. The diagnostic panel will allow diagnostic tools such as computers to connect to various vehicle systems for improved troubleshooting providing a lower cost of ownership. Diagnostic switches will allow ABS systems to provide blink codes should a problem exist.

The diagnostic panel will include the following:

ENGINE/TRANSMISSION/ABS J1939 Diagnostic Port

ABS Diagnostic Switch and Indicator - The switch and amber indicator will allow access to diagnostic mode and display of standard ABS system fault blink codes that may be generated by the ABS system.

DPF REGEN (Diesel Particulate Filter Regeneration Switch) (where applicable) will be provided to request regeneration of the engine emission system. An amber indicator will be provided on top of the switch that will illuminate in a "CHECK ENGINE" condition.

REGEN INHIBIT (Diesel Particulate Filter Regeneration Inhibit Switch) (where applicable) will be provided that will request that regeneration be temporarily prevented. A green indicator will be provided on top of the Regen Inhibit switch that will illuminate when the Regen Inhibit feature is active. Regen Inhibit will be disabled upon cycling of the ignition switch to the off state.

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Gauge Cluster and Lower Switch Panels

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Overhead Switch Panels

0002544	Air Restriction Indicator - Pierce Chassis	AIR RESTRICTION INDICATOR A high air restriction warning indicator light (electronic) will be provided
0543751	Light, Do Not Move Apparatus	"DO NOT MOVE APPARATUS" INDICATOR A flashing red indicator light, located in the driving compartment, will be illuminated automatically per the current NFPA requirements. The light will be labeled "Do Not Move Apparatus If Light Is On." The same circuit that activates the Do Not Move Apparatus indicator will activate a pulsing alarm when the parking brake is released.
0637359	Not Required, Door Open Indicator w/Do Not Move Truck Light, Enf/Saber FR	
0754774	Switching, Cab Instrument Lower Console & Overhead, Rocker, Saber	SWITCH PANELS The built-in switch panels will be located in the lower console or overhead console of the cab. Switches will be rocker type with an indicator light, of which is an integral part of the switch
0644179	Wiper Control, 2-Speed with Intermittent, Saber FR/Enforcer	WIPER CONTROL Wiper control will consist of a two (2)-speed windshield wiper control with intermittent feature and windshield washer controls
0548004	Wiring, Spare, 15 A 12V DC 1st	SPARE CIRCUIT There will be two (2) pair of wires, including a positive and a negative, installed on the apparatus The above wires will have the following features: The positive wire will be connected directly to the battery power The negative wire will be connected to ground Wires will be protected to 15 amps at 12 volts DC Power and ground will terminate officer side dash area Termination will be with a 10-place bus bar with screws and removable cover Wires will be sized to 125 percent of the protection The circuit(s) may be load managed when the parking brake is set.
0548006	Wiring, Spare, 15 A 12V DC 2nd	SPARE CIRCUIT There will be one (1) pair of wires, including a positive and a negative, installed on the apparatus The above wires will have the following features: The positive wire will be connected directly to the ignition switched power The negative wire will be connected to ground. Wires will be protected to 15 amps at 12 volts DC. Power and ground will terminate RS rear facing EMS cabinet on top self back wall Termination will be with a 10-place bus bar with screws and removable cover Wires will be sized to 125 percent of the protection This circuit(s) may be load managed when the parking brake is set.

0585914	Wiring. Spare. 20 A 12V DC. 6 Circuit Fuse Block. Blue Sea 5025 1st	<p>SPARE CIRCUIT</p> <p>There will be one (1) pair of wires, including a positive and a negative, installed on the apparatus. The above wires will have the following features: The positive wire will be connected directly to the ignition switched power. The negative wire will be connected to ground. Wires will be protected to 20 amps at 12 volts DC. Power and ground will terminate to be determined Termination will be to a Blue Sea System, Model 5025. 6 circuit with negative bus bar. The terminal block will include a cover with circuit labels Wires will be sized to 125% of the protection This circuit(s) may be load managed when the parking brake is set.</p>
0763646	Vehicle Information Center. LCD On Gauge Cluster Only. Sab/Enf	<p>INFORMATION CENTER</p> <p>There will be a LCD display integral to the cab gauge panel provided that will display the following information: Total distance Trip distance Total hours Trip hours PTO "A" hours PTO "B" hours</p>
0734854	Collision Mitigation. Not Requested	
0610240	Vehicle Data Recorder w/Seat Belt Monitor	<p>VEHICLE DATA RECORDER</p> <p>There will be a vehicle data recorder (VDR) capable of reading and storing vehicle information provided. The information stored on the VDR can be downloaded through a USB port mounted in a convenient location determined by cab model. A USB cable can be used to connect the VDR to a laptop to retrieve required information. The program to download the information from the VDR will be available to download on-line. The vehicle data recorder will be capable of recording the following data via hardwired and/or CAN inputs: Vehicle Speed - MPH Acceleration - MPH/sec Deceleration - MPH/sec Engine Speed - RPM Engine Throttle Position - % of Full Throttle ABS Event - On/Off Seat Occupied Status - Yes/No by Position Seat Belt Buckled Status - Yes/No by Position Master Optical Warning Device Switch - On/Off Time - 24 Hour Time Date - Year/Month/Day</p> <p>Seat Belt Monitoring System</p> <p>A seat belt monitoring system (SBMS) will be provided. The SBMS will be capable of monitoring up to 10 seating positions indicating the status of each seat position per the following: Seat Occupied & Buckled = Green LED indicator illuminated Seat Occupied & Unbuckled = Red LED indicator with audible alarm No Occupant & Buckled = Red LED indicator with audible alarm No Occupant & Unbuckled = No indicator and no alarm The SBMS will include an audible alarm that will warn that an unbuckled occupant condition exists and the parking brake is released, or the transmission is not in park.</p>
0793724	Intercom. Setcom 950W4. 4-Pos (D,Wireless). O. 2C	<p>INTERCOM SYSTEM</p> <p>A Setcom, IM 950W4 (1) one wireless and wired intercom system will be provided with a charging drop for the driver. The officer will have a wired intercom position provided and (2) two crew cab positions located at both forward facing seats will be provided. The following components will be supplied with this system: One (1) IM-950W4 intercom/radio mixer with one wireless position One (1) JS-900-20 Dual jump seat station One (1) JS-901-20 Dual jump seat station w/Exp port All required cables</p>
0793667	Cable. Radio to Intercom Interface. Setcom 950. 1 Radio	<p>RADIO / INTERCOM INTERFACE CABLE</p> <p>The apparatus manufacturer will supply and install one (1) radio interface cable before delivery of the vehicle The radio equipment to be used by the customer will be Motorola High Power . Model to be determined at pre-construct</p>

0620273	Headset, Setcom, CSB-900L-1 Behind The Head, Radio Transmit, Left Cord, Gel	<p>BEHIND THE HEAD RADIO TRANSMIT HEADSET</p> <p>There will be one (1) Setcom, Model CSB-900L-1, behind the head, radio transmit headset(s) provided Officers seat.</p> <p>Each headset will feature:</p> <ul style="list-style-type: none"> Dual-speaker headset with a noise reduction rating of 24dB Radio Push To Talk (Push On, Push Off) Intercom always live Volume control in the headset cup (left dress coil cord) Cut-away ear cups allow headset to be worn under most helmets Waterproof, flexible-boom microphone Gel ear seals
0620275	Headset, Setcom, CSB-901L-1 Behind The Head, Intercom Only, Left Cord, Gel	<p>BEHIND THE HEAD INTERCOM ONLY HEADSET</p> <p>There will be one (1) Setcom, Model CSB-901L-1, behind the head, intercom only headset(s) provided right side forward facing crew seat.</p> <p>Each headset will feature:</p> <ul style="list-style-type: none"> Dual-speaker headset with a noise reduction rating of 24dB Momentary push-to-talk button & volume control in the headset cup (left dress coil cord) Cut-away ear cups allow headset to be worn under most helmets Waterproof, flexible-boom microphone Gel ear seals
0620281	Headset, Setcom, CSB-901R-1 Behind The Head, Intercom Only, Right Cord, Gel	<p>BEHIND THE HEAD INTERCOM ONLY HEADSET</p> <p>There will be one (1) Setcom, Model CSB-901R-1, behind the head, intercom only headset(s) provided left side forward facing crew seat.</p> <p>Each headset will feature:</p> <ul style="list-style-type: none"> Dual-speaker headset with a noise reduction rating of 24dB Momentary push-to-talk button & volume control in the headset cup (right dress coil cord) Cut-away ear cups allow headset to be worn under most helmets Waterproof, flexible-boom microphone Gel ear seals
0619798	Headset, Setcom, CSB-900R-1 Behind The Head, Radio Transmit, Right Cord, Gel	<p>BEHIND THE HEAD RADIO TRANSMIT HEADSET</p> <p>There will be one (1) Setcom, Model CSB-900R-1, behind the head, radio transmit headset(s) provided drivers seat.</p> <p>Each headset will feature:</p> <ul style="list-style-type: none"> Dual-speaker headset with a noise reduction rating of 24dB Radio Push To Talk (Push On, Push Off) Intercom always live Volume control in the headset cup (Right dress coil cord) Cut-away ear cups allow headset to be worn under most helmets Waterproof, flexible-boom microphone Gel ear seals
0610620	Hangers For Headsets, ULC, Each	<p>HEADSET HANGERS</p> <p>There will be four (4) headset hanger(s) installed driver's seat, officer's seat, driver's side inboard rear facing seat and passenger's side inboard rear facing seat. The hanger(s) will meet CAN/ULC-S515, current edition, section 13.2.4 requirement for equipment mounting.</p>
0698805	Bracket, Johnny Ray Heavy Duty Swivel, 14 lb. Rating	<p>BRACKET, JOHNNY RAY</p> <p>A Johnny Ray, Model JR-207, radio swivel bracket rated for 14 lbs. will be provided and installed Centered and towards front of engine tunnel as to be able to be reached by driver and officer.</p>
0000000	STF Install Customer Provided Two-Way Radio-SMEG	<p>TWO WAY RADIO INSTALLATION</p> <p>There shall be one (1) customer supplied two way radio(s) installed to be determined by Siddons-Martin Emergency Group.</p>
0696439	Antenna Mount, Custom Chassis Cable Routed to Instrument Panel Area	<p>RADIO ANTENNA MOUNT</p> <p>There will be two (2) standard 1.125", 18 thread antenna-mounting base(s) installed on the right side on the cab roof with high efficiency, low loss, coaxial cable(s) routed to the instrument panel area. A weatherproof cap will be installed on the mount.</p>

0653533	Camera, Pierce, 7" LCD, Rear Camera Only	<p>VEHICLE CAMERA SYSTEM There will be a color vehicle camera system provided with the following: One (1) camera located at the rear of the apparatus, pointing rearward, displayed automatically with the vehicle in reverse. The camera image will be displayed on a 7.00" LCD display located mounted in the driver's side overhead, location to be specified at pick up. The display will include manual camera activation capability and audio from the active camera. The following components will be included: One (1) MO700136DC, display One (1) SV-CW134639CAI, camera All necessary cables</p>
0683718	Recess, Rear Vision Camera Into Lightstick Housing	<p>RECESS, REAR BODY CAMERA A recessed box will be installed in the light stick housing in the rear body to protect the back up camera from damage.</p>
0768717	Bracket, Mounting, 60 Degree, KeySecure 5/6, Knox KLS-MB-60	<p>KNOX BOX MOUNTING BRACKET A Knox Box 60 degree mounting bracket, Model KLS-MB-60, will be provided. The bracket will be mounted to the key storage located to be determined at pre-construct.</p>
0624249	Electrical Power/Signal Protection & Control, Saber FR	<p>ELECTRICAL POWER CONTROL SYSTEM A compartment will be provided in or under the cab to house the vehicle's electrical power and signal circuit protection and control components. The power and signal protection and control compartment will contain circuit protection devices and power control devices. Power and signal protection and control components will be protected against corrosion, excessive heat, excessive vibration, physical damage and water spray. Serviceable components will be readily accessible. Circuit protection devices, which conform to SAE standard, will be utilized to protect each circuit. All circuit protection devices will be sized to prevent wire and component damage when subjected to extreme current overload. General protection circuit breakers will be Type-I automatic reset (continuously resetting) and conform to SAE J553 or J258. When required, automotive type fuses conforming to SAE J554, J1284, J1888 or J2077 will be utilized to protect electronic equipment. Power control relays and solenoids will have a direct current (dc) rating of 125 percent of the maximum current for which the circuit is protected. Visual status indicators will be supplied to identify control safety interlocks and vehicle status. In addition to visual status indicators, audible alarms designed to provide early warning of problems before they become critical will be used.</p> <p>VOLTAGE MONITOR SYSTEM A voltage monitor system will be provided to indicate the status of each battery system connected to the vehicle's electrical load. The monitor system will provide visual and audio warning when the system voltage is above or below optimum levels.</p> <p>POWER AND GROUND STUDS Spare circuits will be provided in the primary distribution center for two-way radio equipment. The spare circuits will consist of the following: One (1) 12-volt DC, 30 amp battery direct spare One (1) 12-volt DC ground and un-fused switched battery stud located in or adjacent to the power distribution center</p> <p>EMI/RFI PROTECTION The electrical system proposed will include means to control undesired electromagnetic and radio frequency emissions. State of the art electrical system design and components will be used to ensure radiated and conducted EMI (electromagnetic interference) and RFI (radio frequency interference) emissions are suppressed at their source. The apparatus proposed will have the ability to operate in the electromagnetic environment typically found in fire ground operations. The contractor will be able to demonstrate the EMI and RFI testing has been done on similar apparatus and certifies that the vehicle proposed meets SAE J551 requirements. EMI/RFI susceptibility will be controlled by applying immune circuit designs, shielding, twisted pair wiring and filtering. The electrical system will be designed for full compatibility with low level control signals and high powered two-way radio communication systems. Harness and cable routing will be given careful attention to minimize the potential for conducting and radiated EMI-RFI susceptibility</p>

ELECTRICAL

All 12-volt electrical equipment installed by Pierce Manufacturing will conform to modern automotive practices. All wiring will be high temperature crosslink type. Wiring will be run in loom or conduit, where exposed and have grommets where wire passes through sheet metal. Automatic reset circuit breakers will be provided which conform to SAE Standards. Wiring will be color, function and number coded. Function and number codes will be continuously imprinted on all wiring harness conductors at 2.00" intervals. Exterior exposed wire connectors will be positive locking, and environmentally sealed to withstand elements such as temperature extremes, moisture and automotive fluids.

Electrical wiring and equipment will be installed utilizing the following guidelines:

All holes made in the roof will be caulked with silicon. Large fender washers, liberally caulked, will be used when fastening equipment to the underside of the cab roof.

Any electrical component that is installed in an exposed area will be mounted in a manner that will not allow moisture to accumulate in it. Exposed area will be defined as any location outside of the cab or body.

Electrical components designed to be removed for maintenance will not be fastened with nuts and bolts. Metal screws will be used in mounting these devices. Also, a coil of wire will be provided behind the appliance to allow them to be pulled away from mounting area for inspection and service work.

Corrosion preventative compound will be applied to all terminal plugs located outside of the cab or body. All non-waterproof connections will have this compound in the plug to prevent corrosion and for easy separation (of the plug).

All lights that have their sockets in a weather exposed area will have corrosion preventative compound added to the socket terminal area.

All electrical terminals in exposed areas will have silicon (1890) applied completely over the metal portion of the terminal.

All lights and reflectors, required to comply with Federal Motor Vehicle Safety Standard #108, will be furnished. Rear identification lights will be recessed mounted for protection.

Lights and wiring mounted in the rear bulkheads will be protected from damage by installing a false bulkhead inside the rear compartments.

An operational test will be conducted to ensure that any equipment that is permanently attached to the electrical system is properly connected and in working order.

The results of the tests will be recorded and provided to the purchaser at time of delivery.

0079166	Batteries, (4) Exide Grp 31, 950 CCA ea. Threaded Stud	<p>BATTERY SYSTEM</p> <p>There will be four (4) 12 volt Exide®, Model 31S950X3W, batteries that include the following features will be provided:</p> <ul style="list-style-type: none"> 950 CCA, cold cranking amps 190 amp reserve capacity High cycle Group 31 Rating of 3800 CCA at 0 degrees Fahrenheit 760 minutes of reserve capacity Threaded stainless steel studs <p>Each battery case will be a black polypropylene material with a vertically ribbed container for increased vibration resistance. The cover will be manifold vented with a central venting location to allow a 45 degree tilt capacity.</p> <p>The inside of each battery will consist of a "maintenance free" grid construction with poly wrapped separators and a flooded epoxy bottom anchoring for maximum vibration resistance.</p>
0008621	Battery System, Single Start, All Custom Chassis	<p>BATTERY SYSTEM</p> <p>There will be a single starting system with an ignition switch and starter button provided and located on the cab instrument panel</p> <p>MASTER BATTERY SWITCH</p> <p>There will be a master battery switch provided within the cab within easy reach of the driver to activate the battery system.</p> <p>An indicator light will be provided on the instrument panel to notify the driver of the status of the battery system.</p>
0002698	Battery Compartment, Saber/Enforcer	<p>BATTERY COMPARTMENTS</p> <p>Batteries will be placed on non-corrosive mats and stored in well ventilated compartments located under the cab.</p> <p>Heavy-duty, 2/0 gauge, color coded battery cables will be provided. Battery terminal connections will be coated with anti-corrosion compound.</p> <p>Battery solenoid terminal connections will be encapsulated with semi-permanent rubberized compound.</p> <p>JUMPER STUDS</p> <p>One (1) set of battery jumper studs with plastic color-coded covers will be included on the battery compartments.</p>
0531315	Charger, Sngl Sys, IOTA, DSL-75, 75 Amp, Kussmaul 091-94-12 Ind. Qtm/Enf/SFR	<p>BATTERY CHARGER</p> <p>There will be an IOTA™, Model DSL 75, battery charger with IQ4, controller provided.</p> <p>The battery charger will be wired to the AC shoreline inlet through an AC receptacle adjacent to this battery charger.</p> <p>There will be a Kussmaul™, Model #091-94-12, remote indicator included</p>
0012782	Location, Charger, Front Left Side Body Compartment	<p>The battery charger will be located in the left body compartment mounted on the left wall as high as possible.</p>

0530949	Location. Bat Chrg Ind. Driver's Seat Riser	The battery charger indicator will be located on the driver's seat riser.
0016857	Shoreline. 20A 120V. Kussmaul Auto Eject. 091-55-20-120. Super	<p>AUTO EJECT FOR SHORELINE</p> <p>There will be one (1) Kussmaul™, Model 091-55-20-120, 20 amp 120 volt AC shoreline inlet(s) provided to operate the dedicated 120 volt AC circuits on the apparatus</p> <p>The shoreline inlet(s) will include red weatherproof flip up cover(s).</p> <p>There will be a release solenoid wired to the vehicle's starter to eject the AC connector when the engine is starting.</p> <p>The shoreline(s) will be connected to the battery charger.</p> <p>There will be a mating connector body supplied with the loose equipment.</p> <p>There will be a label installed near the inlet(s) that state the following:</p> <p>Line Voltage Current Rating (amps) Phase Frequency</p>
0020168	Shoreline Cab Loc. Cab. Saber FR	The shoreline receptacle will be located on the driver side of cab, above wheel.
0647729	Alternator. 320 amp Delco Remy 40SI	<p>ALTERNATOR</p> <p>A Delco Remy®, Model 40SI, alternator will be provided. It will have a rated output current of 320 amps, as measured by SAE method J56. The alternator will feature an integral regulator and rectifier system that has been tested and qualified to an ambient temperature of 257 degrees Fahrenheit (125 degrees Celsius). The alternator will be connected to the power and ground distribution system with heavy-duty cables sized to carry the full rated alternator output.</p>
0644176	Load Manager. Integrated In Electrical System, Saber FR/Enforcer	<p>ELECTRONIC LOAD MANAGEMENT</p> <p>An electronic load management (ELM) system that monitors the vehicles 12-volt electrical system, and automatically reduces the electrical load in the event of a low voltage condition and by doing so, ensures the integrity of the electrical system.</p> <p>The ELM will monitor the vehicle's voltage while at the scene (parking brake applied). It will sequentially shut down individual electrical loads when the system voltage drops below a preset value. Two (2) separate electrical loads will be controlled by the load manager. The ELM will sequentially re-energize electrical loads as the system voltage recovers</p>
0783153	Headlights, Rect LED, JW Spkr Evo 2, AXT/DCF/Enf/Imp/Sab/Vel	<p>HEADLIGHTS</p> <p>There will be four (4) JW Speaker®, Model 8800, 4" x 6" rectangular LED lights mounted in the front quad style, chrome housing on each side of the cab grille:</p> <p>the outside light on each side will contain a part number 055***1 low beam module</p> <p>the inside light on each side will contain a part number 055***1 high beam module</p> <p>the headlight to include chrome bezels</p> <p>The low beam lights will be activated when the headlight switch is on.</p> <p>The high beam and low beam lights will be activated when the headlight switch and the high beam switch is activated.</p>
0775055	Light. Directional. W/in C6T* LED Arrow. Common Bzl. Above Headlts. Sab/Enf	<p>DIRECTIONAL LIGHTS</p> <p>There will be two (2) Whelen®, Model C6T* 5.12" high x 7.56" wide x 1.56" deep amber LED populated arrow directional lights provided on the front of the cab, above the headlights. Each light will be housed in the same quad common bezel as the front warning light. The lens color(s) to be clear.</p>
0620054	Light. Directional/Marker, Intermediate. Weldon 9186-8580-29 LED 2lts	<p>INTERMEDIATE LIGHT</p> <p>There will be two (2) Weldon, Model 9186-8580-29, amber LED turn signal marker lights furnished one (1) each side, in the rear fender panel. The light will double as a turn signal and marker light.</p>
0647802	Lights. Clearance/Marker/ID. Front. P25 LED 5 Lts. Saber FR/Enforcer	<p>CAB CLEARANCE/MARKER/ID LIGHTS</p> <p>There will be five (5) amber LED lights provided to indicate the presence and overall width of the vehicle in the following locations:</p> <p>Three (3) amber LED identification lights will be installed in the center of the cab above the windshield.</p> <p>Two (2) amber LED clearance lights will be installed, one (1) on each outboard side of the cab above the windshield.</p>
0647899	Lights. Directional/Marker. Cab Front Side. Weldon 9186-8580-29 LED Sab/Enf	<p>FRONT CAB SIDE DIRECTIONAL/MARKER LIGHTS</p> <p>There will be two (2) Weldon, Model 9186-8580-29, amber LED lights installed front of the cab door, one (1) on each side of the cab.</p> <p>The lights will activate as marker lights with the headlight switch and directional lights with the corresponding directional circuit.</p>

0627282	Lights, Clearance/Marker/ID, Rear, FRP LED Bar & P25 LED 4Lts	<p>REAR CLEARANCE/MARKER/ID LIGHTING</p> <p>There will be a three (3) LED light bar used as identification lights located at the rear of the apparatus per the following: As close as practical to the vertical centerline Centers spaced not less than 6.00" or more than 12.00" apart Red in color All at the same height</p> <p>There will be two (2) LED lights installed at the rear of the apparatus used as clearance lights located at the rear of the apparatus per the following. To indicate the overall width of the vehicle One (1) each side of the vertical centerline As near the top as practical Red in color To be visible from the rear All at the same height</p> <p>There will be two (2) LED lights installed on the side of the apparatus used as marker lights as close to the rear as practical per the following: To indicate the overall length of the vehicle One (1) each side of the vertical centerline As near the top as practical Red in color To be visible from the side All at the same height</p> <p>There will be two (2) red reflectors located on the rear of the truck facing to the rear. One (1) each side, as far to the outside as practical, at a minimum of 15.00", but no more than 60.00", above the ground</p> <p>There will be two (2) red reflectors located on the side of the truck facing to the side. One (1) each side, as far to the rear as practical, at a minimum of 15.00", but no more than 60.00", above the ground.</p> <p>Per FMVSS 108 and CMVSS 108 requirements</p>
0564683	Lights, Tail, Wln M6BTT* Red LED Stop/Tail & M6T* Amber LED Dir Arw For Hsg	<p>REAR FMVSS LIGHTING</p> <p>The rear stop/tail and directional LED lighting will consist of the following: Two (2) Whelen®, Model M6BTT, red LED stop/tail lights Two (2) Whelen, Model M6T, amber LED arrow turn lights The lights will be provided with color lenses. The lights will be mounted in a polished combination housing.</p>
0561471	Lights, Backup, Wln M6BUW, LED, For Tail Lt Housing	There will be two (2) Whelen Model M6BUW, LED backup lights provided in the tail light housing.
0664481	Bracket, License Plate & Light, P25 LED	<p>LICENSE PLATE BRACKET</p> <p>There will be one (1) license plate bracket mounted on the rear of the body. A white LED light will illuminate the license plate. A stainless steel light shield will be provided over the light that will direct illumination downward, preventing white light to the rear.</p>
0556842	Bezels, Wln, (2) M6 Chrome Pierce, For mtg (4) Wln M6 lights	<p>LIGHTING BEZEL</p> <p>There will be two (2) Whelen, Model M6FCV4P, four (4) place chromed ABS housings with Pierce logos provided for the rear M6 series stop/tail, directional, back up, scene lights or warning lights.</p>
0589905	Alarm, Back-up Warning, PRECO 1040	<p>BACK-UP ALARM</p> <p>A PRECO, Model 1040, solid-state electronic audible back-up alarm that actuates when the truck is shifted into reverse will be provided. The device will sound at 60 pulses per minute and automatically adjust its volume to maintain a minimum ten (10) dBA above surrounding environmental noise levels.</p>
0769566	Lights, Perimeter Cab, Amdor AY-LB-12HW020 & AY-LB-12HW012 LED 4Dr	<p>CAB PERIMETER SCENE LIGHTS</p> <p>There will be four (4) Amdor white LED strip lights provided, one (1) for each cab door and crew cab door. Two (2) Amdor, Model AY-LB-12HW020, 350 lumens each, 20.00" LED strip lights, one (1) for each cab door. Two (2) Amdor, Model AY-LB-12HW012, 190 lumens each, 12.00" LED strip lights, one (1) for each crew cab door. These lights will be activated automatically when the battery switch is on and the exit doors are opened or by the same means as the body perimeter scene lights.</p>
0769572	Lights, Perimeter Pump House, Amdor AY-LB-12HW020 LED 2lts	<p>PUMP HOUSE PERIMETER LIGHTS</p> <p>There will be two (2) Amdor, Model AY-LB-12HW020, 350 lumens each, 20.00" LED weatherproof strip lights with brackets provided under the pump panel running boards, one (1) each side. If the combination of options in the vehicle does not permit clearance for a 20.00" light, a 12.00" version of the Amdor light will be installed The lights will be controlled by the same means as the body perimeter lights.</p>

0770056	Lights, Perimeter Body, Amdor AY-LB-12HW020 LED 2lts, Rear Step	<p>BODY PERIMETER SCENE LIGHTS</p> <p>There will be two (2) Amdor, Model AY-LB-12HW020, 350 lumens, 20 00" long, white LED's, 12 volt DC lights provided at the rear step area of the body, one (1) each side shining to the rear. The perimeter scene lights will be activated when the parking brake is applied.</p>
0556360	Lights, Step, P25 LED 4lts, Pump Pnl Sw	<p>STEP LIGHTS</p> <p>Four (4) white LED step lights will be provided. One (1) step light will be provided on each side, on the front compartment face and two (2) step lights at the rear to illuminate the tailboard. In order to ensure exceptional illumination, each light will provide a minimum of 25 foot-candles (fc) covering an entire 15.00" x 15.00" square placed 10.00" below the light and a minimum of 1.5 fc covering an entire 30.00" x 30.00" square at the same 10.00" distance below the light. These step lights will be actuated with the pump panel light switch. All other steps on the apparatus will be illuminated per the current edition of NFPA 1901.</p>
0598966	Lights, Side Scene, FRC SPA900-Q70 Surface Mt, 2nd	<p>SCENE LIGHTS</p> <p>There will be two (2) Fire Research, Model SPA900-Q70 scene light(s) with chrome flange(s) installed on the side of the apparatus, RS high crew cab towards the rear and towards the rear on hose bed sides.</p> <p>A control for the light(s) selected above will be the following:</p> <ul style="list-style-type: none"> a switch at the driver's side switch panel a switch at the passenger's side switch panel a switch at the pump operator's panel no additional switch location <p>These lights may be load managed when the parking brake is set.</p>
0598967	Lights, Side Scene, FRC SPA900-Q70 Surface Mt, 1st	<p>SCENE LIGHTS</p> <p>There will be two (2) Fire Research, Model SPA900-Q70 scene light(s) with chrome flange(s) installed on the side of the apparatus, LS high crew cab towards the rear, and towards the rear on hose bed sides.</p> <p>A control for the light(s) selected above will be the following:</p> <ul style="list-style-type: none"> a switch at the driver's side switch panel a switch at the passenger's side switch panel a switch at the driver's side pump panel no additional switch location <p>These lights may be load managed when the parking brake is set.</p>
0618243	Light, Visor, HiViz LED, FT-B-72-* LED, 4 Swts	<p>12 VOLT LIGHTING</p> <p>There will be a HiViz Model FT-B-72-*, 72 00" 12 volt LED combination spot/flood light provided in front of the cab roof above the windshield. The painted parts to be black. The light will be controlled by four (4) master battery activated switches located in a switch panel centered:</p> <ul style="list-style-type: none"> One (1) switch will activate the 10 degree spot beam light One (1) switch will activate the 25-40 degree narrow flood light One (1) switch will activate the 60-90 degree wide flood light One (1) master switch to activate all three (3) patterns at once <p>These light may be load managed when the parking brake is set.</p>
0532358	Not Required, Deck Lights, Other Hose Bed & Rear Lighting	
0645877	Lights, Hose Bed, Sides, Dual LED Light Strips	<p>HOSE BED LIGHTS</p> <p>There will be white 12 volt DC LED light strips with stainless steel protective cover, provided to light the hose bed area. Hose Bed lights will meet the photometric levels listed in NFPA 1901 for Hose Bed lighting requirements.</p> <p>Light strip(s) will be installed along the upper edge of the left side of the hose bed.</p> <p>Light strip(s) will be installed along the upper edge of the right side of the hose bed.</p> <p>The lights will be activated by a cup switch at the rear of the apparatus no more than 72 00" from the ground</p>
0645864	Lights, Rear Scene, FRC, SPA900-Q70	<p>REAR SCENE LIGHTS</p> <p>There will be two (2) Fire Research, Model SPA900-Q70, LED scene lights with 15 degree optics from vertical, installed at the rear of the apparatus, up high on each side. The lights will be controlled by a switch at the driver's side switch panel and by a cup switch at the driver's side rear bulkhead.</p>
0709438	Light, Walking Surf, FRP Flood, LED	<p>WALKING SURFACE LIGHT</p> <p>There will be Model FRP, 4" round black 12 volt DC LED floodlight(s) with bolt mount provided to illuminate the entire designated walking surface on top of the body. The light(s) will be activated when the body step lights are on.</p>

0693709	Pumper, Medium, Aluminum, 2nd Gen. Saber/Commercial	
0632361	No Additional Florida Discount - w/Saber FR Chassis	
0554271	Body Skirt Height, 20"	
0026245	Tank, Water, 750 Gallon, Poly, Med	<p>WATER TANK</p> <p>Booster tank will have a capacity of 750 gallons and be constructed of polypropylene plastic by United Plastic Fabricating, Incorporated</p> <p>Tank joints and seams will be nitrogen welded inside and out.</p> <p>Tank will be baffled in accordance with NFPA Bulletin 1901 requirements</p> <p>Baffles will have vent openings at both the top and bottom to permit movement of air and water between compartments.</p> <p>Longitudinal partitions will be constructed of .38" polypropylene plastic and will extend from the bottom of the tank through the top cover to allow for positive welding.</p> <p>Transverse partitions will extend from 4.00" off the bottom of the tank to the underside of the top cover.</p> <p>All partitions will interlock and will be welded to the tank bottom and sides.</p> <p>Tank top will be constructed of .50" polypropylene. It will be recessed .38" and will be welded to the tank sides and the longitudinal partitions.</p> <p>Tank top will be sufficiently supported to keep it rigid during fast filling conditions</p> <p>Construction will include 2.00" polypropylene dowels spaced no more than 30.00" apart and welded to the transverse partitions. Two (2) of the dowels will be drilled and tapped (.50" diameter, 13.00" deep) to accommodate lifting eyes.</p> <p>A sump that will be sized dependent on the tank to pump plumbing will be provided at the bottom of the water tank.</p> <p>Sump will include a drain plug and the tank outlet.</p> <p>Tank will be installed in a fabricated cradle assembly constructed of structural steel.</p> <p>Sufficient crossmembers will be provided to properly support bottom of tank. Crossmembers will be constructed of steel bar channel or rectangular tubing.</p> <p>Tank will "float" in cradle to avoid torsional stress caused by chassis frame flexing. Rubber cushions, .50" thick x 3.00" wide, will be placed on all horizontal surfaces that the tank rests on.</p> <p>Stops or other provision will be provided to prevent an empty tank from bouncing excessively while moving vehicle.</p> <p>Mounting system will be approved by the tank manufacturer.</p>
0003405	Overflow, 4.00" Water Tank, Poly	<p>Fill tower will be constructed of .50" polypropylene and will be a minimum of 8.00" wide x 14.00" long.</p> <p>Fill tower will be furnished with a .25" thick polypropylene screen and a hinged cover.</p> <p>An overflow pipe, constructed of 4.00" schedule 40 polypropylene, will be installed approximately halfway down the fill tower and extend through the water tank and exit to the rear of the rear axle</p>
0028104	Foam Cell Required	
0633066	Sleeve, Through Tank	<p>SLEEVE, PLUMBING, THROUGH TANK</p> <p>One (1) sleeve will be provided in the water tank for a 3.00" pipe to the rear</p>
0553729	Not Required, Restraint, Water Tank Heavy Duty	
0003429	Not Required, Direct Tank Fill	
0003424	Not Required, Dump Valve	
0048710	Not Required, Jet Assist	
0030007	Not Required, Dump Valve Chute	
0514778	Not Required, Switch, Tank Dump Master	

0689065	Hose Bed, Aluminum, Saber/Commercial	<p>HOSE BED</p> <p>The hose bed will be fabricated of .125"-5052 aluminum with a nominal 38,000 psi tensile strength</p> <p>Upper and rear edges of side panels will have a double break for rigidity.</p> <p>The upper inside area of the beavertails will be covered with brushed stainless steel to prevent damage to painted surface when hose is removed</p> <p>Flooring of the hose bed will be removable aluminum grating with the top surface corrugated to aid in hose aeration. The grating slats will be a minimum of 0.50" x 4.50" with spacing between slats for hose ventilation.</p> <p>The inside of the hose bed will be painted. The inside of the cargo area will be painted.</p>
0003481	Hose Bed Capacity, Special	Hose bed will accommodate 200' of 3" / 1000' of 5" / 400' of 3"
0083488	Divider, Hose Bed, .25" Unpainted	<p>HOSE BED DIVIDER</p> <p>Two (2) adjustable hosebed dividers will be furnished for separating hose.</p> <p>Each divider will be constructed of a .25" brushed aluminum sheet. Flat surfaces will be sanded for uniform appearance, or constructed of brushed aluminum.</p> <p>Divider will be fully adjustable by sliding in tracks, located at the front and rear of the hose bed.</p> <p>Divider will be held in place by tightening bolts, at each end.</p> <p>Acorn nuts will be installed on all bolts in the hose bed which have exposed threads</p>
0589278	Hose Restraint, Hose Bed, Velcro Strap on Top, 2" Heavy Nylon Web at Rear	<p>HOSE BED HOSE RESTRAINT</p> <p>The hose in the hose bed will be restrained by a black nylon Velcro® strap at the top of the hosebed. At the rear of the hose bed, 2.00" black nylon webbing with a 1.50" x 4.00" box pattern will attach at the top rear outside corners with seat belt buckle fasteners. The webbing will have straps connected with seat belt buckle fasteners located at the rear body sheet below the hose bed.</p>
0531457	Reinforcement, Front Body Sheet Cross-Divider, Severe Duty, Aluminum Body	The front body sheet cross-divider will have a thickness of .188" and have additional reinforcement installed to provide additional support to the front of the body during severe duty cycles.
0010133	Cross-Divider, Hose Bed	A cross-divider will be provided just behind the fill tower. The divider will be bolted to the side sheet.
0621037	Plate, Painted, Mounted Over Side Sheet	<p>PAINTED PANEL FOR LETTERING/ NUMERALS</p> <p>There will be two (2) smooth panel(s) mounted on the left and right sheet(s) for the installation of lettering/numerals. The panel(s) will cover body tubes and be located both bed sides on the side sheet. There will be no large bolt holes through the panel. The panel will have only one seam, situated between the lettering/numerals.</p>
0679911	Hose Restraint, Hose Bed, Vinyl, Top and Rear, Top Drain Holes	<p>HOSEBED HOSE RESTRAINT</p> <p>A red hosebed cover will be furnished with jacket snaps fasteners at the front and jacket snap fasteners on the sides. There will be 2.00" cam buckle fasteners at the bottom of the rear body sheet below the hosebed. The flap at the rear will be lead shot weighted</p> <p>There will be drain holes in the top of the vinyl cover entire hose bed</p>
0013512	Running Boards, 12.75" Deep	<p>RUNNING BOARDS</p> <p>Running boards will be fabricated of .125" bright aluminum treadplate.</p> <p>Each running board will be supported by a welded 2.00" square tubing and channel assembly, which will be bolted to the pump compartment substructure.</p> <p>Running boards will be 12.75" deep and spaced .50" away from the pump panel.</p> <p>A splash guard will be provided above the running board treadplate.</p>
0686177	Tailboard, 16" Deep 3/16" Aluminum Treadplate	<p>TAILBOARD</p> <p>The tailboard will also be constructed of .188" thick bright aluminum treadplate and spaced .50" from the body, as well as supported by a structural steel assembly</p> <p>The tailboard area will be 16.00" deep.</p> <p>The exterior side will be flanged down and in for increased rigidity of tailboard structure</p>
0690037	Wall, Rear, Smooth Aluminum/Body Material	<p>REAR WALL, SMOOTH ALUMINUM/BODY MATERIAL</p> <p>The rear facing surfaces of the center rear wall will be smooth aluminum.</p> <p>The bulkheads, the surface to the rear of the side body compartments, will be smooth and the same material as the body.</p> <p>Any inboard facing surfaces below the height of the hosebed will be aluminum diamondplate</p>

0003531	Tow Bar, Under Tailboard	<p>TOW BAR</p> <p>A tow bar will be installed under the tailboard at center of truck. Tow bar will be fabricated of 1.00" CRS bar rolled into a 3.00" radius. Tow bar assembly will be constructed of 3/8" structural angle. When force is applied to the bar, it will be transmitted to the frame rail. Tow bar assembly will be designed and positioned to allow up to a 30-degree upward angled pull of 17,000 lb. or a 20,000 lb straight horizontal pull in line with the centerline of the vehicle. Tow bar design will have been fully tested and evaluated using strain gauge testing and finite element analysis techniques.</p>
0003634	Tray, Hose, Running Board, Soft Suction Hose 25' of 5.00"	<p>HOSE TRAY</p> <p>Two (2) hose trays will be recessed one (1) in each side running board. Capacity of the tray will be 25.00' of 5.00" soft suction hose. Rubber matting will be installed on the floor of the tray to provide proper ventilation.</p>
0003561	Construction, Compt, Alum. Pumper	<p>COMPARTMENTATION</p> <p>Body and compartments will be fabricated of .125", 5052-H32 aluminum. Side compartments will be an integral assembly with the rear fenders. Circular fender liners will be provided for prevention of rust pockets and ease of maintenance Side compartment flooring will be of the sweep out design with the floor higher than the compartment door lip. The side compartment door opening will be framed by flanging the edges in 1 7/8" and bending out again .75" to form an angle Drip protection will be provided above the doors by means of bright aluminum extrusion, formed bright aluminum treadplate or polished stainless steel. The top of the compartment will be covered with bright aluminum treadplate rolled over the edges on the front, rear and outward side. These covers will have the corners welded. Side compartment covers will be separate from the compartment tops. Front facing compartment walls will be covered with bright aluminum treadplate. All screws and bolts which protrude into a compartment will have acorn nuts on the ends to prevent injury.</p> <p>UNDERBODY SUPPORT SYSTEM</p> <p>Due to the severe loading requirements of this pumper a method of body and compartment support suitable for the intended load will be provided. The backbone of the support system will be the chassis frame rails which is the strongest component of the chassis and is designed for sustaining maximum loads. The support system will include .375" thick steel vertical angle supports bolted to the chassis frame rails with .625" diameter bolts. Attached to the bottom of the steel vertical angles will be horizontal angles, with gussets welded to the vertical members, which extend to the outside edge of the body. A steel frame will be mounted on the top of these supports to create a floating substructure which will result in a 500 lb equipment support rating per lower compartment The floating substructure will be separated from the horizontal members with neoprene elastomer isolators. These isolators will reduce the natural flex stress of the chassis from being transmitted to the body. Isolators will have a broad load range, proven viability in vehicular applications, be of a fail safe design and allow for all necessary movement in three (3) transitional and rotational modes. The neoprene isolators will be installed in a modified V three (3)-point mounting pattern to reduce the natural flex of the chassis being transmitted to the body.</p> <p>AGGRESSIVE WALKING SURFACE</p> <p>All exterior surfaces designated as stepping, standing, and walking areas will comply with the required average slip resistance of the current NFPA standards.</p> <p>LOUVERS</p> <p>Louvers will be stamped into compartment walls to provide the proper airflow inside the body compartments and to prevent water from dripping into the compartment. Where these louvers are provided, they will be formed into the metal and not added to the compartment as a separate plate.</p> <p>TESTING OF BODY DESIGN</p> <p>Body structural analysis has been fully tested. Proven engineering and test techniques such as finite element analysis, stress coating and strain gauging have been performed with special attention given to fatigue, life and structural integrity of the cab, body and substructure. Body will be tested while loaded to its greatest in-service weight. The criteria used during the testing procedure will include: Raising opposite corners of the vehicle tires 9.00" to simulate the twisting a truck may experience when driving over a curb. Making a 90 degree turn, while driving at 20 mph to simulate aggressive driving conditions. Driving the vehicle at 35 mph on a washboard road. Driving the vehicle at 55 mph on a smooth road. Accelerating the vehicle fully, until reaching the approximate speed of 45 mph on rough pavement. Evidence of actual testing techniques will be made available upon request</p>

0023650

LS 152" Rollup, Full Height Front &
Rear, FDLER

LEFT SIDE COMPARTMENTATION

The left side compartmentation will consist of three rollup door compartments.

A full height, rollup door compartment ahead of the rear wheels will be provided. The interior dimensions of this compartment will be 34.50" wide x 66.63" high x 25.88" deep in the lower 25.00" of the compartment and 12.00" deep in the remaining upper portion. The clear door opening will be a minimum of 28.75" wide x 56.88" high.

A rollup door compartment over the rear wheels will be provided. The interior dimensions of this compartment will be 66.50" wide x 32.88" high x 12.00" deep. The clear door opening will be a minimum of 58.25" wide x 23.13" high.

A full height, rollup door compartment behind the rear wheels will be provided. The interior dimensions of this compartment will be 47.75" wide x 67.63" high x 25.88" deep in the lower 26.00" of height and 12.00" deep in the remaining upper section of the compartment. The clear door opening will be a minimum of 44.75" wide x 57.88" high.

The interior height of the compartments will be measured from the compartment floor to the ceiling. The spool of the rollup door at the top of the compartment takes up some usable space. The depth of the compartments will be measured from the back wall to the inside of the door frame.

Closing of the door will not require releasing, unlocking, or unlatching any mechanism and will easily be accomplished with one hand.

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0063658

RS 152" Rollup, Full Height Front &
Rear, FDLER

RIGHT SIDE COMPARTMENTATION

The right side compartmentation will consist of three rollup door compartments.

A full height, rollup door compartment ahead of the rear wheels will be provided. The interior dimensions of this compartment will be 34.50" wide x 66.63" high x 25.88" deep in the lower 25.00" of the compartment and 12.00" deep in the remaining upper portion. The clear door opening will be a minimum of 28.75" wide x 56.88" high.

A rollup door compartment over the rear wheels will be provided. The interior dimensions of this compartment will be 66.50" wide x 32.88" high x 12.00" deep. The clear door opening will be a minimum of 58.25" wide x 23.13" high.

A full height, rollup door compartment behind the rear wheels will be provided. The interior dimensions of this compartment will be 47.75" wide x 67.63" high x 25.88" deep in the lower 26.00" of height and 12.00" deep in the remaining upper section of the compartment. The clear door opening will be a minimum of 44.75" wide x 57.88" high.

The interior height of the compartments will be measured from the compartment floor to the ceiling. The spool of the rollup door at the top of the compartment takes up some usable space. The depth of the compartments will be measured from the back wall to the inside of the door frame.

Closing of the door will not require releasing, unlocking, or unlatching any mechanism and will easily be accomplished with one hand.



0692733

Doors, Rollup, Gortite, Side
Compartments

SIDE COMPARTMENT ROLLUP DOOR(S)

There will be six (6) compartment doors installed on the side compartments. The doors will be double faced aluminum construction, an anodized satin finish and manufactured by Gortite®. Lath sections will be an interlocking rib design and will be individually replaceable without complete disassembly of door.

Between each slat at the pivoting joint will be a PVC inner seal to prevent metal to metal contact and prevent dirt or moisture from entering the compartments. Seals will allow door to operate in extreme temperatures ranging from 180 to -40 degrees Fahrenheit. Side, top and bottom seals will be provided to resist ingress of dirt and weather and be made of Santoprene.

All hinges, barrel clips and end pieces will be nylon 66. All nylon components will withstand temperatures from 300 to -40 degrees Fahrenheit.

A polished stainless steel lift bar to be provided for each roll-up door. Lift bar will be located at the bottom of door and have latches on the outer extrusion of the doors frame. A ledge will be supplied over lift bar for additional area to aid in closing the door.

Doors will be constructed from an aluminum box section. The exterior surface of each slat will be flat. The interior surfaces will be concave to provide strength and prevent loose equipment from jamming the door from inside.

To conserve space in the compartments, the spring roller assembly will not exceed 3.00" in diameter.

The header for the rollup door assembly will not exceed 4.00"

A heavy-duty magnetic switch will be used for control of open compartment door warning lights.

0083700

Compt. Rear Rollup, 37 75" FF,
25 88" D

REAR COMPARTMENTATION

A roll-up door compartment above the rear tailboard will be provided.

The interior dimensions of this compartment will be 40.00" wide x 40 63" high x 25 88" deep. The spool of the rollup door at the top of the compartment takes up some usable space. The depth of the compartment will be calculated with the compartment door closed.

A louvered, removable access panel will be furnished on the back wall of the compartment.

The rear compartment will be open into the rear side compartments.

The clear door opening of this compartment will be a minimum of 33.25" wide x 30 88" high.

Closing of the door will not require releasing, unlocking, or unlatching any mechanism and will easily be accomplished with one hand.

0692746	Door, Gortite, Rollup, Rear Compartment	<p>ROLLUP REAR COMPARTMENT DOOR</p> <p>There will be a rear rollup door. The door will be double faced aluminum construction, an anodized satin finish and manufactured by Gortite®. Lath sections will be an interlocking rib design and will be individually replaceable without complete disassembly of door.</p> <p>Between each slat at the pivoting joint will be a PVC inner seal to prevent metal to metal contact and prevent dirt or moisture from entering the compartments. Seals will allow door to operate in extreme temperatures ranging from 180 to -40 degrees Fahrenheit. Side, top and bottom seals will be provided to resist ingress of dirt and weather and be made of Santoprene.</p> <p>All hinges, barrel clips and end pieces will be nylon 66. All nylon components will withstand temperatures from 300 to -40 degrees Fahrenheit.</p> <p>A polished stainless steel lift bar to be provided for each roll-up door. Lift bar will be located at the bottom of door and have latches on the outer extrusion of the doors frame. A ledge will be supplied over lift bar for additional area to aid in closing the door.</p> <p>Door will be constructed from an aluminum box section. The exterior surface of each slat will be flat. The interior surface will be concave to provide strength and prevent loose equipment from jamming the door from inside.</p> <p>To conserve space in the compartments, the spring roller assembly will not exceed 3.00" in diameter.</p> <p>The header for the rollup door assembly will not exceed 4.00".</p> <p>A heavy-duty magnetic switch will be used for control of open compartment door warning lights.</p>
0554995	No Body Modification Required	
0625184	Guard, Drip Pan, S/S, Rollup Door, Pumper	<p>DOOR GUARD</p> <p>There will be seven (7) compartment doors that will include a guard/drip pan designed to protect the rollup door from damage when in the retracted position and contain any water spray. The guard will be fabricated from stainless steel and installed left side rearward compartment, left side over the wheel compartment, left side forward compartment, right side rearward compartment, right side over the wheel compartment, right side forward compartment and rear compartment.</p>
0616670	Lights, Compt, Pierce LED, Dual Light Strips, Each Side of Door, Pumper/Tanker	<p>COMPARTMENT LIGHTING</p> <p>There will be seven (7) compartment(s) with two (2) white 12 volt DC LED compartment light strips. The dual light strips will be centered vertically along each side of the door framing. There will be two (2) light strips per compartment. The dual light strips will be in all body compartment (s).</p> <p>Any remaining compartments without light strips will have a 6.00" diameter Truck-Lite, Model 79384 light. Each light will have a number 1076 one filament, two wire bulb</p> <p>Opening the compartment door will automatically turn the compartment lighting on.</p>
0687146	Shelf Tracks, Painted	<p>MOUNTING TRACKS</p> <p>There will be seven (7) sets of tracks for mounting shelf(s) in LS1, LS2, LS3, RS1, RS2, RS3 and B1. These tracks will be installed vertically to support the adjustable shelf(s), and will be full height of the compartment. The tracks will be painted to match the compartment interior</p>
0600350	Shelves, Adj, 500 lb Capacity, Full Width/Depth, Predefined Locations	<p>ADJUSTABLE SHELVES</p> <p>There will be nine (9) shelves with a capacity of 500 lb provided</p> <p>The shelf construction will consist of .188" aluminum painted spatter gray with 2.00" sides. Each shelf will be infinitely adjustable by means of a threaded fastener, which slides in a track. The shelves will be held in place by .12" thick stamped plated brackets and bolts.</p> <p>The location(s) will be determined at a later date.</p>
0647091	Tray, Floor Mounted, Slide-Out, 500lb, 2.00" Sides	<p>SLIDE-OUT FLOOR MOUNTED TRAY</p> <p>There will be three (3) floor mounted slide-out tray(s) provided</p> <p>Each tray will have 2.00' high sides and a minimum capacity rating of 500 lb in the extended position</p> <p>Each tray will be constructed of aluminum painted spatter gray</p> <p>There will be two undermount-roller bearing type slides rated at 250lb each provided. The pair of slides will have a safety factor rating of 2</p> <p>To ensure years of dependable service, the slides will be coated with a finish that is tested to withstand a minimum of 1,000 hours of salt spray per ASTM B117</p> <p>To ensure years of easy operation, the slides will require no more than a 50lb force for push-in or pull-out movement when fully loaded after having been subjected to a 40 hour vibration (shaker) test under full load. The vibration drive file will have been generated from accelerometer data collected from a heavy truck chassis driven over rough gravel roads in an unloaded condition.</p> <p>Proof of compliance will be provided upon request.</p> <p>Automatic locks will be provided for both the "in" and "out" positions. The trip mechanism for the locks will be located at the front of the tray for ease of use with a gloved hand.</p> <p>The location(s) will be RS1, LS1 and B1.</p>

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0540317	Toolboard, Swing-out, Alum. 188" Peg Board	<p>SWING OUT TOOLBOARD A swing out aluminum toolboard will be provided. It will be a minimum of .188" thick with .203" diameter holes in a pegboard pattern with 1.00" centers between holes. A 1.00" x 1.00" aluminum tube frame will be welded to the edge of the pegboard. The board will be mounted on a pivoting device at the back of the compartment on the top and bottom to allow easy movement in and out of the compartment. The maximum tool load will be 400 pounds. The board will have positive lock in the stowed and extended position. The board will be mounted on adjustable tracks from front to back within the compartment. There will be One (1) toolboard(s) provided. The toolboard(s) will be spatter gray painted and installed LS2.</p>
0755638	Pegboard, Back Wall Mounted, 3/16" Alum. Full Height	<p>PEGBOARD There will be 3/16" thick aluminum pegboard spatter gray painted will be installed on the back wall of one (1) compartments. It will be mounted using two (2) horizontal tracks. Retainers will be used to mount the pegboard to the tracks. The pegboard installed will be the full height of the back wall. The holes will be .203" diameter, punched 1.00" on center. Pegboard will be provided in the following compartments LS1.</p>
0024016	Rub Rail, Aluminum Extruded, Side & Rear of Body	<p>RUB RAIL Bottom edge of the side and rear of the body compartments will be trimmed with a bright aluminum extruded rub rail. Trim will be 2.12" high with 1.38" flanges turned outward for rigidity. The rub rails will not be an integral part of the body construction, which allows replacement in the event of damage.</p>
0784811	Fender Crowns, Rear, Stainless, w/Removable Liner	<p>BODY FENDER CROWNS Polished stainless steel fender crowns will be provided around the rear wheel openings with a dielectric barrier will be provided between the fender crown and the fender sheet metal to prevent corrosion. The fender crowns will be held in place with stainless steel screws that thread directly into a composite nut and not directly into the parent body sheet metal to eliminate dissimilar metals contact and greatly reduce the chance for corrosion. Rubber welting will be provided between the body and crown. BODY FENDER LINER A painted fender liner will be provided. The liners will be removable to aid in the maintenance of rear suspension components.</p>
0519849	Not Required, Hose, Hard Suction	<p>HARD SUCTION HOSE Hard suction hose will not be required</p>
0626229	Handrails, Side Pump Panels, Per Print	<p>HANDRAILS The handrails will be 1.25" diameter anodized aluminum extrusion, with a ribbed design, to provide a positive gripping surface. Chrome plated end stanchions will support the handrail. Plastic gaskets will be used between end stanchions and any painted surfaces. Drain holes will be provided in the bottom of all vertically mounted handrails. Handrails will be provided to meet NFPA 1901 section 15.8 requirements. The handrails will be installed as noted on the sales drawing</p>
0004126	Handrails, Beavertail, Standard	<p>HANDRAILS One (1) vertical handrail will be located on each rear beavertail.</p>
0004146	Handrail, Rear Below Hose Bed, Full Width	<p>HANDRAIL One (1) full width horizontal handrail will be provided below the hose bed at the rear of the apparatus</p>
0622393	Compt, Air Pack in Fender Panel	<p>AIR PACK STORAGE A total of one (1) air pack compartment(s) will be provided and located LS forward of wheel well. The air pack compartment(s) will be tapered to match the profile of the space available in the fender. The compartment(s) will be approximately 15.50" wide at the top and 5.00" wide at the bottom for the wheel cutout. The compartment(s) will be 15.50" tall at the body side compartment and 6.00" tall at the wheel cutout. The compartment(s) will be 26.00" deep and have a drain hole inside the compartment, black Dura-Surf friction reducing material will be provided. A polished stainless steel hinged door with a Southco raised trigger C2 chrome lever latch will be provided to contain the air pack. A dielectric barrier will be provided between the door hinge, hinge fasteners and the body sheet metal.</p>

0654143	Compt. Air Bottle, Single, Common Triple Door (DEF/Fuel), Fender Panel	<p>AIR BOTTLE STORAGE (Single) A quantity of one air bottle compartment, approximately 7.50' wide x 7.50" tall x 26.00" deep, will be provided on the driver side rearward of the rear wheels. The triangular door will cover the air bottle opening, the DEF tank access, and fuel fill. The compartment will be square with angled corners. A polished stainless steel door with a Southco raised trigger C2 chrome lever latch will be provided to contain the air bottle. A dielectric barrier will be provided between the door hinge, hinge fasteners and the body sheet metal. Inside the compartment, black rubber matting will be provided.</p> <p>AIR BOTTLE COMPARTMENT STRAP A strap will be provided in the air bottle compartment to help contain the air bottle when the vehicle is parked on an incline. The strap will wrap around the neck and attach to the wall of the compartment.</p>
0657522	Compt. Air Bottle, Triple, Fender Panel	<p>AIR BOTTLE STORAGE (Triple) A quantity of three (3) air bottle compartments designed to hold (3) air bottles up to 7.25" in diameter x 26.00" deep will be provided on the right side forward of the rear wheels and on the right side rearward of the rear wheels. A polished stainless steel door with a Southco raised trigger C2 chrome lever latch will be provided to contain the air bottle. A dielectric barrier will be provided between the door hinge, hinge fasteners and the body sheet metal. Inside the compartment, black rubber matting will be provided.</p> <p>AIR BOTTLE COMPARTMENT STRAP A strap will be provided in the air bottle compartment(s) to help contain the air bottles when the vehicle is parked on an incline. The strap will wrap around the neck and attach to the wall of the compartment.</p>
0004225	Ladder, 24' Duo-Safety 900A 2-Section	<p>EXTENSION LADDER There will be a 24' two-section aluminum Duo-Safety Series 900-A extension ladder provided</p>
0004230	Ladder, 14' Duo-Safety 775A Roof	<p>ROOF LADDER There will be a 14' aluminum Duo-Safety Series 775-A roof ladder provided.</p>
0598395	Ladders/Backboard Btwn Tank & S.Sht, RS, Ext'd Rr, Encl'd Complete, RPH	<p>LADDER STORAGE The ladders and a single backboard will be stored between the water tank and the right side compartments. The ladders will extend into the pump compartment just to the rear of the water pump discharges. Backboard dimensions will be 22" wide x 72" long. The ladder storage area will be enclosed as practical by means of sheet metal to protect the ladders from road dirt. The ladders that extend into the pump house will also be enclosed. A black rubber boot will be provided to enclosed the ladders in the gap between the pump house and the body. Each ladder will be stored vertically in a separate stainless steel storage trough. Each stainless steel trough will be lined with Dura-Surf nylon slides. A bright aluminum treadplate enclosure will be provided at the rear of the body to properly contain the ladders. This enclosure will extend to the rear of the side body compartments. The enclosure will also include a vertically hinged smooth aluminum door with a D-handle latch to access the ladders.</p>
0014245	Ladder, 10' Duo-Safety Folding 585A, w/Mounting	<p>FOLDING LADDER One (1) 10.00' aluminum, Series 585-A, Duo-Safety folding ladder will be installed in a U-shaped trough inside the ladder storage compartment</p>
0602877	Pike Pole, Pumper Provided by Fire Department, NFPA 2016	<p>PIKE POLE PROVIDED BY FIRE DEPARTMENT NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) 8 ft or longer pike pole mounted in a bracket fastened to the apparatus. The pike pole is not on the apparatus as manufactured. The fire department will provide and mount the pike pole. The pike pole(s) will be a Duo-Safety 10' pike pole.</p>
0602875	Pike Pole, 6' Pumper Provided by Fire Department, NFPA 2016	<p>6' PIKE POLE PROVIDED BY FIRE DEPARTMENT NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) 6' pike pole or plaster hook mounted in a bracket fastened to the apparatus. The pike pole is not on the apparatus as manufactured. The fire department will provide and mount the pike pole. The pike pole(s) will be a Duo-Safety 6' pike pole.</p>
0004361	Tubes, Alum, Pike Pole Storage	<p>PIKE POLE STORAGE Aluminum tubing will be used for the storage of two (2) pike poles and will be located in ladder storage compartment. If the head of a pike pole can come in contact with a painted surface, a stainless steel scuffplate will be provided</p>
0024388	No Steps Required, Front Of Body	

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0592994	Steps, Folding. Rear of Body w/LED Trident	<p>REAR FOLDING STEPS Bright finished, non-skid folding steps with a black coating will be provided at the rear. Each step will incorporate an LED light to illuminate the stepping surface. The steps can be used as a hand hold with two openings wide enough for a gloved hand.</p>
0004425	Pump Waterous, CSU, 1500 GPM, Single Stage	<p>PUMP Pump will be a Waterous CSU, 1500 gpm single (1) stage midship mounted centrifugal type. Pump will be the class "A" type. Pump will deliver the percentage of rated discharge at pressures indicated below: - 100% of rated capacity at 150 psi net pump pressure. - 70% of rated capacity at 200 psi net pump pressure. - 50% of rated capacity at 250 psi net pump pressure. Pump body will be close-grained gray iron, bronze fitted, and horizontally split in two (2) sections for easy removal of the entire impeller shaft assembly (including wear rings). Pump will be designed for complete servicing from the bottom of the truck, without disturbing the pump setting or apparatus piping. Pump case halves will be bolted together on a single horizontal face to minimize chance of leakage and facilitate ease of reassembly. No end flanges will be used. Discharge manifold of the pump will be cast as an integral part of the pump body assembly and will provide a minimum of three (3) 3.50" openings for flexibility in providing various discharge outlets for maximum efficiency. The three (3) 3.50" openings will be located as follows: one (1) outlet to the right of the pump, one (1) outlet to the left of the pump, and one (1) outlet directly on top of the discharge manifold. Impeller shaft will be stainless steel, accurately ground to size. It will be supported at each end by sealed, anti-friction ball bearings for rigid precise support. Impeller will have flame plated hubs assuring maximum pump life and efficiency despite any presence of abrasive matter in the water supply. Bearings will be protected from water and sediment by suitable stuffing boxes, flinger rings, and oil seals. No special or sleeve type bearings will be used.</p>
0004481	Seal, Grafoil, Waterous	<p>PUMP PACKING Stuffing boxes will be of the conventional two (2) piece, split-gland type, to permit adjustment or replacement of Grafoil packing without disturbing the pump. Water will be fed into stuffing box lantern rings for proper lubrication and cooling when the pump is operating. Lantern rings will be located at the inner ends of the stuffing boxes, to avoid having to remove them when replacing pump packing. Wear rings will be bronze and easily replaceable to restore original pump efficiency and eliminate the need to replace the entire pump casing due to wear.</p>
0559769	Trans. Pump, Waterous C20 Series	<p>PUMP TRANSMISSION The pump transmission will be made of a three (3) piece, aluminum, horizontally split casing. Power transfer to pump will be through a high strength Morse HY-VO silent drive chain. By the use of a chain rather than gears, 50% of the sprocket will be accepting or transmitting torque, compared to two (2) or three (3) teeth doing all the work. Drive shafts will be 2.35" diameter hardened and ground alloy steel and supported by ball bearings. The case will be designed to eliminate the need for water cooling.</p>
0635600	Pumping Mode, Stationary Only	<p>PUMPING MODE An interlock system will be provided to ensure that the pump drive system components are properly engaged so that the apparatus can be safely operated. The interlock system will be designed to allow stationary pumping only.</p>
0605126	Pump Shift, Air Mnl Override, Split Shaft, Interlocked, Waterous	<p>AIR PUMP SHIFT Pump shift engagement will be made by a two (2) position sliding collar, actuated pneumatically (by air pressure), with a three (3) position air control switch located in the cab. A manual back-up shift control will also be located on the left side pump panel. Two (2) indicator lights will be provided adjacent to the pump shift inside the cab. One (1) green light will indicate the pump shift has been completed and be labeled "pump engaged". The second green light will indicate when the pump has been engaged, and that the chassis transmission is in pump gear. This indicator light will be labeled "OK to pump". The pump shift will be interlocked to prevent the pump from being shifted out of gear when the chassis transmission is in gear to meet NFPA requirements. The pump shift control in the cab will be illuminated to meet NFPA requirements.</p>
0003148	Transmission Lock-up, EVS	<p>TRANSMISSION LOCK-UP The direct gear transmission lock-up for the fire pump operation will engage automatically when the pump shift control in the cab is activated.</p>
0004547	Auxiliary Cooling System	<p>AUXILIARY COOLING SYSTEM A supplementary heat exchange cooling system will be provided to allow the use of water from the discharge side of the pump for cooling the engine water. The heat exchanger will be cylindrical type and will be a separate unit. The heat exchanger will be installed in the pump or engine compartment with the control located on the pump operator's control panel. Exchanger will be plumbed to the master drain valve.</p>

0014486	Not Required. Transfer Valve. Stage Pump	
0746511	Valve, Relief Intake. TFT	<p>INTAKE RELIEF VALVE A Task Force Tips A18 series relief valve will be installed on the suction side of the pump preset at 125 psig The relief valve will have a working range of 90 psi to 300 psi. The pressure relief valve control will be located behind an access door at the right side pump panel. The outlet will terminate below the frame rails with a 2 5/8" National Standard hose thread adapter and will have a "do not cap" warning tag.</p>
0794959	Controller, Pressure. Pierce. Pump Boss. PBA300	<p>PRESSURE CONTROLLER A Pierce Pump Boss Model PBA300 pressure governor will be provided A pressure transducer will be installed in the water discharge manifold on the pump. The display panel will be located at the pump operator's panel.</p>
0072153	Primer, Trident. Air Prime. Air Operated	<p>PRIMING PUMP The priming pump will be a Trident Emergency Products compressed air powered, high efficiency, multistage venturi based AirPrime System, conforming to standards outlined in the current edition of NFPA 1901. All wetted metallic parts of the priming system are to be of brass and stainless steel construction One (1) priming control will open the priming valve and start the pump primer.</p>
0780364	Manuals, Pump. (2) Total, Electronic Copies	<p>PUMP MANUALS There will be a total of two (2) pump manuals provided by the pump manufacturer and furnished with the apparatus. The manuals will be provided by the pump manufacturer in the form of two (2) electronic copies. Each manual will cover pump operation, maintenance, and parts.</p>
0602512	Plumbing, Stainless Steel and Hose, Single Stage Pump, Control Zone	<p>PLUMBING, STAINLESS STEEL AND HOSE All inlet and outlet lines will be plumbed with either stainless steel pipe, flexible polypropylene tubing or synthetic rubber hose reinforced with hi-tensile polyester braid. All hose's will be equipped with brass or stainless steel couplings. All stainless steel hard plumbing will be a minimum of a schedule 10 wall thickness. Where vibration or chassis flexing may damage or loosen piping or where a coupling is required for servicing, the piping will be equipped with victaulic or rubber couplings. Plumbing manifold bodies will be ductile cast iron or stainless steel. All piping lines are to be drained through a master drain valve or will be equipped with individual drain valves. All drain lines will be extended with a hose to drain below the chassis frame. All water carrying gauge lines will be of flexible polypropylene tubing All piping, hose and fittings will have a minimum of a 500 PSI hydrodynamic pressure rating</p>
0795135	Plumbing, Stainless Steel. w/Foam System	<p>FOAM SYSTEM PLUMBING All piping that is in contact with the foam concentrate or foam/water solution will be stainless steel. The fittings will be stainless steel or brass. Cast iron pump manifolds will be allowed.</p>
0004645	Inlets, 6.00" - 1250 GPM or Larger Pump	<p>MAIN PUMP INLETS A 6.00" pump manifold inlet will be provided on each side of the vehicle. The suction inlets will include removable die cast zinc screens that are designed to provide cathodic protection for the pump, thus reducing corrosion in the pump.</p>
0004646	Cap, Main Pump Inlet, Long Handle, NST, VLH	<p>MAIN PUMP INLET CAP The main pump inlets will have National Standard Threads with a long handle chrome cap. The cap will be the Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected</p>

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0000000	STF Valve, Ball Intake Relief, TFT AB3ST-NX	INLET VALVES WITH INTAKE RELIEF VALVE One (1) butterfly valve Task Force Tips Model AB7NP-NX ball intake valve will be installed on the the driver's side main pump inlet main pump inlets. The valves will be located outside the pump panel. The intake valve will have a 4.00" FNST connection by 6.00" female NST swivel. Valves will be manually actuated, with a handwheel. The valve will include an adjustable relief valve
0084610	Valves, Akron 8000 series- All	VALVES All ball valves will be Akron® Brass. The Akron valves will be the 8000 series heavy-duty style with a stainless steel ball and a simple two-seat design. No lubrication or regular maintenance is required on the valve. Valves will have a ten (10) year warranty.
0004660	Inlet, Left Side, 2.50"	LEFT SIDE INLET There will be one (1) auxiliary inlet with a 2.50" valve at the left side pump panel, terminating with a 2.50" (F) National Standard hose thread adapter. The auxiliary inlet will be provided with a strainer, chrome swivel and plug.
0029147	Not Required, Inlet, Right Side	
0016158	Valve, Inlet(s) Recessed, Side Cntrl, "Control Zone"	The location of the valve for the one (1) inlet will be recessed behind the pump panel.
0004700	Control, Inlet, at Valve	INLET CONTROL The side auxiliary inlet(s) will incorporate a quarter-turn ball valve with the control located at the inlet valve. The valve operating mechanism will indicate the position of the valve.
0092569	No Rear Inlet (Large Dia) Requested	
0092696	Not Required, Cap, Rear Inlet	
0064116	No Rear Inlet Actuation Required	
0009648	No Rear Intake Relief Valve Required on Rear Inlet	
0092568	No Rear Auxiliary Inlet Requested	
0563738	Valve, .75" Bleeder, Aux. Side Inlet, Swing Handle	INLET BLEEDER VALVE A 0.75" bleeder valve will be provided for each side gated inlet. The valves will be located behind the panel with a swing style handle control extended to the outside of the panel. The handles will be chrome plated and provide a visual indication of valve position. The swing handle will provide an ergonomic position for operating the valve without twisting the wrist and provides excellent leverage. The water discharged by the bleeders will be routed below the chassis frame rails.
0029043	Tank to Pump, (1) 3.00" Valve, 3.00" Plumbing	TANK TO PUMP The booster tank will be connected to the intake side of the pump with stainless steel piping and a quarter turn 3.00" full flow line valve with the control remotely located at the operator's panel. Tank to pump line will run straight (no elbows) from the pump into the front face of the water tank and angle down into the tank sump. A rubber coupling will be included in this line to prevent damage from vibration or chassis flexing. A check valve will be provided in the tank to pump supply line to prevent the possibility of "back filling" the water tank.
0004905	Outlet, Tank Fill, 1.50"	TANK REFILL A 1.50" combination tank refill and pump re-circulation line will be provided, using a quarter-turn full flow ball valve controlled from the pump operator's panel.
0004940	Outlet, Left Side 2.50"	LEFT SIDE DISCHARGE OUTLETS There will be Two (2) discharge outlets with a 2.50" valve on the left side of the apparatus, terminating with a 2.50" (M) National Standard hose thread adapter.
0092570	Not Required, Outlets, Left Side Additional	

0004945	Outlet, Right Side, 2.50"	RIGHT SIDE DISCHARGE OUTLETS There will be One (1) discharge outlet with a 2.50" valve on the right side of the apparatus, terminating with a 2.50" (M) National Standard hose thread adapter.
0092571	Not Required, Outlets, Right Side Additional	
0005047	Outlet, 4" w/4" Right, Handwheel	LARGE DIAMETER DISCHARGE OUTLET There will be a 4.00" discharge outlet with a 4.00" Akron valve installed on the right side of the apparatus, terminating with a 4.00" (M) National Standard hose thread adapter. This discharge outlet will be actuated with a handwheel control at the pump operator's control panel. An indicator will be provided to show when the valve is in the closed position.
0649939	Outlet, Front, 1.50" w/2" Plumbing	FRONT DISCHARGE OUTLET There will be one (1) 1.50" discharge outlet piped to the front of the apparatus and located on the top of the right side of the front bumper. Plumbing will consist of 2.00" piping and flexible hose with a 2.00" ball valve with control at the pump operator's panel. A fabricated weldment made of stainless steel pipe will be used in the plumbing where appropriate. The piping will terminate with a 1.50" NST with 90 degree stainless steel swivel. There will be automatic drains provided at all low points of the piping.
0004995	Outlet, Rear, 2.50"	REAR DISCHARGE OUTLET There will be One (1) discharge outlet piped to the rear of the hose bed, left side, installed so proper clearance is provided for spanner wrenches or adapters. Plumbing will consist of 2.50" piping along with a 2.50" full flow ball valve with the control from the pump operator's panel.
0092574	Not Required, Outlet, Rear, Additional	
0004990	Outlet, Front HB, 2.50" w/2.50" Plumbing	FRONT OF HOSE BED DISCHARGE OUTLET There will be One (1) discharge outlet discharge(s) piped to the front of the hose bed and located Left side, at least 8" from side bed. Plumbing will consist of 2.50" piping with a 2.50" full-flow ball valve controlled at the pump operator's panel. The discharge(s) will terminate with a 2.50" (M) National Standard hose thread adapter.
0752078	Caps/Plugs for 1.00" to 3.00" Discharges/Inlets, S/S Cable	DISCHARGE CAPS/ INLET PLUGS Chrome plated, rocker lug, caps with S/S cables will be furnished for all discharge outlets 1.00" thru 3.00" in size, besides the pre-connected hose outlets. Chrome plated, rocker lug, plugs with S/S cables will be furnished for all auxiliary inlets 1.00" thru 3.00" in size. The caps and plugs will incorporate a thread design to automatically relieve stored pressure in the line when disconnected.
0563739	Valve, 0.75" Bleeder, Discharges, Swing Handle	OUTLET BLEEDER VALVE A 0.75" bleeder valve will be provided for each outlet 1.50" or larger. Automatic drain valves are acceptable with some outlets if deemed appropriate with the application. The valves will be located behind the panel with a swing style handle control extended to the outside of the side pump panel. The handles will be chrome plated and provide a visual indication of valve position. The swing handle will provide an ergonomic position for operating the valve without twisting the wrist and provides excellent leverage. Bleeders will be located at the bottom of the pump panel. They will be properly labeled identifying the discharge they are plumbed in to. The water discharged by the bleeders will be routed below the chassis frame rails.
0005091	Elbow, Left Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	LEFT SIDE OUTLET ELBOWS The 2.50" discharge outlets located on the left side pump panel will be furnished with a 2.50" (F) National Standard hose thread x 2.50" (M) National Standard hose thread, chrome plated, 45 degree elbow. The elbow will be Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.
0035094	Not Required, Elbow, Left Side Outlets, Additional	
0025091	Elbow, Right Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	RIGHT SIDE OUTLET ELBOWS The 2.50" discharge outlets located on the right side pump panel will be furnished with a 2.50" (F) National Standard hose thread x 2.50" (M) National Standard hose thread, chrome plated, 45 degree elbow. The elbow will be Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

0089584	Not Required, Elbow, Right Side Outlets, Additional	
0045091	Elbow, Rear Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	<p>REAR OUTLET ELBOWS The 2.50" discharge outlets located at the rear of the apparatus will be furnished with a 2.50" (F) National Standard hose thread x 2.50" (M) National Standard hose thread, chrome plated, 45 degree elbow. The elbow will be Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.</p>
0085695	Not Required, Elbow, Rear Outlets, Large, Additional	
0005097	Elbow, Large Dia Outlet, 30 Deg, 4.00" FNST x 5.00" Storz	<p>LARGE DIAMETER OUTLET ELBOWS The 4.00" outlet(s) will be furnished with one (1) 4.00" (F) National Standard hose thread x 5.00" Storz elbow adapter with Storz cap.</p>
0062133	Control, Outlets, Manual, Pierce HW if applicable	<p>DISCHARGE OUTLET CONTROLS The discharge outlets will incorporate a quarter-turn ball valve with the control located at the pump operator's panel. The valve operating mechanism will indicate the position of the valve. If a handwheel control valve is used, the control will be a minimum of a 3.9" diameter stainless steel handwheel with a dial position indicator built in to the center of the handwheel. Any 3.00 inch or larger discharge valve will be a slow-operating valve in accordance with NFPA 16.7.5.3.</p>
0090927	Outlet, 3.00" Deluge w/TFT Extend-a-Gun XG18	<p>DELUGE RISER A 3.00" deluge riser will be installed above the pump in such a manner that a monitor can be mounted and used effectively. Piping will be rigidly braced and installed securely so no movement develops when the line is charged. The riser will be gated and controlled at the pump operator's panel. Any 3.00 inch or larger discharge valve will be a slow-operating valve in accordance with NFPA 16.7.5.3</p> <p>TELESCOPIC PIPING The deluge riser piping will include an 18.00" Task Force Model XG18 Extend-A-Gun extension. This extension will be telescopic to allow the deluge gun to be raised 18.00" increasing the range of operation. A position sensor will be provided on the telescopic piping that will activate the "do not move vehicle" light inside the cab when the monitor is in the raised position.</p>
0543606	Monitor, Akron 3433 Hi-Riser and (2) 3" Inlet Grd Base	<p>MONITOR An Akron Model 3433 Apollo Hi-Riser monitor will be properly installed on the deluge riser. A fixed mounting base and a portable base with two (2) 3.00" inlets will be provided. A position sensor will be provided on the monitor that will activate the "do not move apparatus" light inside the cab when the monitor is in the raised position. The monitor will be painted as provided by monitor manufacturer.</p>
0046968	Nozzle, Akron 2499, Quad Stacked Tips and 3488 Shaper	<p>NOZZLE, DELUGE Akron model #2499 Quad Stacked pyrolite deluge tips will be provided. The tip sizes will be 1.375", 1.50", 1.75", and 2.00". This will include an Akron 3488 pyrolite stream shaper.</p>
0005070	Deluge Mount, NPT	The deluge riser will have male National Pipe Threads for mounting the monitor.
0670211	Crosslays, (2) 1.50", 200' of 1.75", Overhead Piping, w/Poly Trays	<p>CROSSLAY HOSE BEDS, 1.50" Two (2) crosslays, with 1.50" outlets, will be provided. Each bed will be capable of carrying 200' of 1.75" DJ hose and will be plumbed with 2.00" i.d. pipe, gated with a 2.00" quarter turn ball valve. The outlets will be equipped with a 1.50" National Standard hose thread 90 degree swivel, located one at each side and outboard as far as possible, over each of the hose beds. This will allow the hose trays to be removed from either side of apparatus without plumbing interference. The crosslay controls will be at the pump operator's panel. The crosslay beds will include trays constructed of black poly, which will be lightweight and sturdy tray. Two (2) hand holes will be placed in the floor of each tray and additional hand holes will be provided in the sides for easy removal and installation from the compartment. The floor of the tray will be perforated to allow for drainage and hose drying. The bottom of the crosslay compartment will be lined with stainless steel to allow the tray to slide with ease. Scuffplates will be provided on both sides, at the sides and bottom of each opening to protect the paint. The remainder of the crosslay bed will be painted job color.</p>

0616895	Crosslay, (1) 2.50" Std Cap. Overhead Piping w/Poly Tray	<p>2.50" CROSSLAY HOSE BED</p> <p>One (1) crosslay with a 2.50" outlet will be provided. The crosslay hose bed to be capable of carrying 200' of 2.50" hose and will be plumbed with 2.50" i.d. schedule 10 304L welded or formed stainless steel pipe and gated with a 2.50" quarter turn ball valve. Threaded pipe will not be acceptable</p> <p>The outlet to be equipped with a 2.50" National Standard hose thread 90 degree swivel located above the hose bed so that hose may be removed from either side of apparatus</p> <p>A cover fabricated of bright aluminum treadplate will be provided over the top of the crosslay hose bed.</p> <p>The crosslay controls will be at the pump operator's panel.</p> <p>A removable tray will be provided for the crosslay hose bed. The crosslay tray will be constructed of black poly to provide a lightweight sturdy tray. Two (2) hand holes will be in the floor and additional hand holes will be provided in the sides for easy removal and installation from the compartment. The floor of the trays will be perforated to allow for drainage and hose drying.</p>
0029260	Not Required. Speedlays	
0591145	Hose Restraint. Crosslay/Deadlay. Top and Ends. Elastic Netting	<p>CROSSLAY/DEADLAY HOSE RESTRAINT</p> <p>Elastic netting will be provided across the top and ends of two (2) crosslay/deadlay opening(s) to secure the hose during travel. The netting will be permanently attached at the top center of the crosslay/deadlay bed and removable on each end.</p>
0750536	Hose Restr. Spdly, Not Required. No Spdly	
0019853	Crosslays. 8.00" Lower Than Standard - Control Zone w/9.00" Raised PH	<p>CROSSLAY 8.00" LOWER THAN STANDARD</p> <p>The crosslays will be lowered 8.00" from standard.</p>

HUSKY 3 FOAM PROPORTIONER

A Pierce Husky® 3 foam proportioning system will be provided. The Husky 3 is an on demand, automatic proportioning, single point, direct injection system suitable for all types of Class A and B foam concentrates, including the high viscosity (6000 cps), alcohol resistant Class B foams. Operation will be based on direct measurement of water flow, and remain consistent within the specified flows and pressures. The system will automatically proportion foam solution at rates from .1 percent to 3 percent regardless of variations in water pressure and flow, up to the maximum rated capacity of the foam concentrate pump.

The design of the system will allow operation from draft, hydrant, or relay operation.

System Capacity

The system will have the ability to deliver the following minimum foam solution flow rates at accuracies that meet or exceed NFPA requirements at a pump rating of 150 psi.

100 gpm @ 3 percent

300 gpm @ 1 percent

600 gpm @ 0.5 percent

Class A foam setting in .1 percent increments from .1 percent to 1 percent. Typical settings of 1 percent, .5 percent and .3 percent (maximum capacity will be limited to the plumbing and water pump capacity).

Control System

The system will be equipped with a digital electronic control display located on the pump operators panel. Push button controls will be integrated into the panel to turn the system on/off, control the foam percentage, and to set the operation modes.

The percent of injection will have a preset. This preset can be changed at the fire department as desired. The percent of injection will be able to be easily changed at the scene to adjust to changing demands.

Three (3) .50 tall LEDs will display the foam percentage in numeric characters. Three (3) indicator LEDs will also be included, one (1) green, one (1) red, and one (1) yellow. The LEDs will indicate various system operation or error states.

The indications will be:

Solid Green - System On

Solid Red - Valve Position Error

Solid Yellow - Priming System

Flashing Green - Injecting Foam

Flashing Red - Low Tank Level

Flashing Yellow - Refilling Tank

The control display will house a microprocessor, which receives input from the systems water flow meter while also monitoring the position of the foam concentrate pump. The microprocessor will compare the values of the water flow versus the position/rate of the foam pump, to ensure the proportion rate is accurate. One (1) check valve will be installed in the plumbing to prevent foam from contaminating the water pump.

Hydraulic Drive System

The foam concentrate pump will be powered by an electric over hydraulic drive system. The hydraulic system and motor will be integrated into one (1) unit.

Foam Concentrate Pump

The foam concentrate pump will be of positive displacement, self-priming, linear actuated design, driven by the hydraulic system. The pump will be constructed of brass body, chrome plated stainless steel shaft, with a stainless steel piston. In order to increase longevity of the pump, no aluminum will be present in its construction.

A relief system will be provided which is designed to protect the drive system components and prevent over pressuring the foam concentrate pump.

The foam concentrate pump will have minimum capacity for 3 gpm with all types of foam concentrates with a viscosity at or below 6000 cps including protein, fluoroprotein, AFFF, FFFP, or AR-AFFF. The system will deliver only the amount of foam concentrate flow required, without recirculating foam back to the storage tank. Recirculating foam concentrate back to the storage tank can cause agitation and premature foaming of the concentrate, which can result in system failure. The foam concentrate pump will be self-priming and have the ability to draw foam concentrate from external supplies such as drums or pails.

External Foam Concentrate Connection

An external foam pick-up will be provided to enable use of a foam agent that is not stored on the vehicle. The external foam pick-up will be designed to allow continued operation after the on-board foam tank is empty, or the use of foam different than the foam in the foam tank.

Panel Mounted External Pick-Up Connection / Valve

A bronze three (3)-way valve will be provided. The unit will be mounted to the pump panel. The valve unit will function as the foam system tank to pump valve and external suction valve. The external foam pick-up will be one (1) 0.75" male connection GHT (garden hose thread) with a cap.

Pick-Up Hose

A 0.75" flexible hose with an end for insertion into foam containers will be provided. The hose will be supplied with a 0.75" female swivel GHT (garden hose thread) swivel connector. The hose will be shipped loose.

Discharges

The foam system will be plumbed to the center of front bumper, front crosslay, center crosslay and rear crosslay.

System Electrical Load

The maximum current draw of the electric motor and system will be no more than 55 amperes at 12 VDC.

0592527	Refill, Foam Tank, Integral, Husky 3	SINGLE FOAM TANK REFILL
		The foam system's proportioning pump will be used to fill the foam tank. This will allow use of the auxiliary foam pick-up to pump the foam from pails or a drum on the ground into the foam tank. A foam shut-off switch will be installed in the fill dome of the tank to shut the system down when the tank is full. The fill operation will be controlled by a mode in the foam system controller. While the proportioner pump is filling the tank, the controller will display a flashing yellow LED to indicate that the tank is filling. When the tank is full, as determined by the float switch in the tank dome, the pump will stop and the controller will shut the yellow LED off. If it attempted to use tank fill and the refill valve and suction valve are in the wrong position(s), then a red LED will illuminate to indicate the improper valve position(s). When the valves are positioned properly, then filling will commence.
0031896	Demonstration, Foam System Dealer Provided	
0022539	Foam Cell, 20 Gallon, Reduce Water	FOAM TANK
		The foam tank will be an integral portion of the polypropylene water tank. The cell will have a capacity of 20 gallons of foam with the intended use of Class A foam. The foam cell will reduce the capacity of the water tank. The foam cell will have a screen in the fill dome and a breather in the lid.
0697589	Drain, 1.00", Foam Tank #1, Husky 3 Foam System Quarter Turn	FOAM TANK DRAIN
		The foam tank drain will be a 1.00" quarter turn drain valve located inside the pump/plumbing compartment.
0091079	Not Required, Foam Tank #2	
0091112	Not Required, Foam Tank #2 Drain	
0007545	Pump House, Side Control, 45", Control Zone	PUMP COMPARTMENT
		The pump compartment will be separate from the hose body and compartments so that each may flex independently of the other. It will be a fabricated assembly of steel tubing, angles and channels which supports both the fire pump and the side running boards.
		The pump compartment will be mounted on the chassis frame rails with rubber biscuits in a four point pattern to allow for chassis frame twist.
		Pump compartment, pump, plumbing and gauge panels will be removable from the chassis in a single assembly.
		PUMP MOUNTING
		Pump will be mounted to a substructure which will be mounted to the chassis frame rail using rubber isolators. The mounting will allow chassis frame rails to flex independently without damage to the fire pump.
		LEFT SIDE PUMP CONTROL PANELS
		All pump controls and gauges will be located at the left side of the apparatus and properly identified.
		Layout of the pump control panel will be ergonomically efficient and systematically organized. The pump operator's control panel will be removable in two (2) main sections for ease of maintenance.
		The upper section will contain sub panels for the mounting of the pump pressure control device, engine monitoring gauges, electrical switches, and foam controls (if applicable). Sub panels will be removable from the face of the pump panel for ease of maintenance. Below the sub panels will be located all valve controls and line pressure gauges.
		The lower section of the panel will contain all inlets, outlets, and drains.
		All push/pull valve controls will have 1/4 turn locking control rods with polished chrome plated zinc tee handles. Guides for the push/pull control rods will be chrome plated zinc castings securely mounted to the pump panel. Push/pull valve controls will be capable of locking in any position.
		The control rods will pull straight out of the panel and will be equipped with universal joints to eliminate binding.
		IDENTIFICATION TAGS
		The identification tag for each valve control will be recessed in the face of the tee handle.
		All discharge outlets will have color coded identification tags, with each discharge having its own unique color. Color coding will include the labeling of the outlet and the drain for each corresponding discharge.
		All line pressure gauges will be mounted directly above the corresponding discharge control tee handles and recessed within the same chrome plated casting as the rod guide for quick identification. The gauge and rod guide casting will be removable from the face of the pump panel for ease of maintenance. The casting will be color coded to correspond with the discharge identification tag.
		All remaining identification tags will be mounted on the pump panel in chrome plated bezels.
		The pump panel on the right side will be removable with lift and turn type fasteners.
		Trim rings will be installed around all inlets and outlets.
		The trim rings for the side discharge outlets will be color coded and labeled to correspond with the discharge identification tag.
0738072	Approval Dwg, Pump Panel(s), Not Required	

0032479	Pump Panel Configuration, Control Zone	PUMP PANEL CONFIGURATION The pump panel configuration will be arranged and installed in an organized manner that will provide user-friendly operation
0635355	Material, Pump Panels, Side Control Painted FormCoat Black	PUMP AND GAUGE PANEL The pump and gauge panels will be constructed of aluminum with a painted FormCoat black finish. A polished aluminum trim molding will be provided around each panel.
0005578	Panel, Pump Access - Right Side Only	The right side pump panel will be removable and fastened with swell type fasteners.
0037731	Pump House Structure, Raised, Included with Ladder Storage	
0583824	Light, Pump Compt. W/in 3SC0CDCR LED White	PUMP COMPARTMENT LIGHT There will be one (1) Whelen®. Model 3SC0CDCR, 3.00" white 12 volt DC LED light(s) with Whelen, Model 3FLANGEC, flange(s) installed in the pump compartment. There will be a switch accessible through a door on the pump panel included with this installation.
0586382	Gauges, Engine, Included With Pressure Controller	Engine monitoring graduated LED indicators will be incorporated with the pressure controller. Also provided at the pump panel will be the following: - Master Pump Drain Control
0005601	Throttle, Engine, Incl'd w/Press Controller	
0739224	Indicator Light @ Pump Panel, Throttle Ready, Incl w/Pressure Gov/Throttle.Green	THROTTLE READY GREEN INDICATOR LIGHT There will be a green indicator light integrated with the pressure governor and/or engine throttle installed on the pump operators panel that is activated when the pump is in throttle ready mode.
0549333	Indicators, Engine, Included with Pressure Controller	
0745668	Indicator Light, Pump Panel, Ok To Pump, Green	OK TO PUMP INDICATOR LIGHT There will be a green indicator light installed on the pump operators panel that is activated when the pump is in Ok To Pump mode.
0511078	Gauges, 4.00" Master, Class 1, 30"-0-600psi	VACUUM AND PRESSURE GAUGES The pump vacuum and pressure gauges will be liquid filled and manufactured by Class 1 Incorporated ©. The gauges will be a minimum of 4.00" in diameter and will have white faces with black lettering, with a pressure range of 30.00"-0-600#. Gauge construction will include a Zytel nylon case with adhesive mounting gasket and threaded retaining nut. The pump pressure and vacuum gauges will be installed adjacent to each other at the pump operator's control panel. Test port connections will be provided at the pump operator's panel. One will be connected to the intake side of the pump, and the other to the discharge manifold of the pump. They will have 0.25 in standard pipe thread connections and non-corrosive polished stainless steel or brass plugs. They will be marked with a label This gauge will include a 10 year warranty against leakage, pointer defect, and defective bourdon tube.
0511100	Gauge 2.00" Pressure, Class 1 30"-0-400psi	PRESSURE GAUGES The individual "line" pressure gauges for the discharges will be Class 1 © interlube filled They will be a minimum of 2.00" in diameter and have white faces with black lettering Gauge construction will include a Zytel nylon case with adhesive mounting gasket and threaded retaining nut. Gauges will have a pressure range of 30"-0-400#. The individual pressure gauge will be installed as close to the outlet control as practical. This gauge will include a 10 year warranty against leakage, pointer defect, and defective bourdon tube.

0750526	Gauge, Water Level, Pierce. In pressure Controller Lt Driver	WATER LEVEL GAUGE An electric water level gauge will be incorporated in the pressure controller that registers water level by means of 9 LEDs. They will be at 1/8 level increments with a tank empty LED. The LEDs will be a bright type that is readable in sunlight, and have a full 180-degree of clear viewing. To further alert the pump operator, the gauge will have a warning flash when the tank volume is less than 25%, and will have "Down Chasing LEDs when the tank is almost empty. The level measurement will be ascertained by sensing the head pressure of the fluid in the tank or cell. There will be a light driver module with this installation to power additional water level gauge(s) included on the apparatus.
0750203	Water Level Gauge. WIn PSTANK2, LED 1-Light, 4-Level. Use w/Pierce Class 1, PMFD	WATER LEVEL GAUGE There will be two (2) additional water level indicator(s), a Whelen®, Model PSTANK2. LED module with chrome housing, installed one (1) each side rearward of crew cab doors, locate 2.5" - 2.75" from rear wall. This light module(s) will include four (4) colored levels and will function as follows: First, the green light module indicates a full water level. Second, the blue light module indicates a water level above 3/4 full. Third, an amber light module indicates a water level above 1/2 full. Last, a red light module indicates a water level above 1/4 full. The light module will be steady burning when the water level is above the 1/4 full mark. The light module will flash all green indicating the water level is empty. This light module will be activated when the parking brake is applied The flash rate will be determined by the main water level tank sensor
0062992	Gauge, Foam Level, (1) Tank, Class 1, GAAAR 5It	FOAM LEVEL GAUGE An electronic foam level gauge will be provided on the operator's panel that registers foam level by means of five (5) colored LED lights. The lights will be durable, ultra-bright five (5) LED design viewable through 180 degrees. The foam level indicators will be as follows: 100 percent = Green 75 percent = Yellow 50 percent = Yellow 25 percent = Yellow Refill = Red The light will flash when the level drops below the given level indicator to provide an eighth of a tank indication. To further alert the pump operator, the lights will flash sequentially when the foam tank is empty. The level measurement will be based on the sensing of head pressure of the fluid in the tank. The display will be constructed of a solid plastic material with a chrome plated die cast bezel to reduce vibrations that can cause broken wires and loose electronic components. The encapsulated design will provide complete protection from foam and environmental elements. An industrial pressure transducer will be mounted to the outside of the tank. The display will be able to be calibrated in the field and will measure head pressure to accurately show the tank level.
0663944	Light Shield/Step 8" LED, P25 LED Stp Lt, Prk Brk Activation	STEP/LIGHT SHIELD There will be an aluminum treadplate stepping surface no less than 8.00" deep and properly reinforced to support a man's weight, installed over the pump operators panel. There will be 12 volt DC white LED lights installed under the step to illuminate the controls, switches, essential instructions, gauges, and instruments necessary for the operation of the apparatus. These lights shall be activated when the parking brake is set. Additional lights will be included every 18.00" depending on the size of the pump house. One (1) pump panel light will come on when the pump is in ok to pump mode. There will be a light activated above the pump panel light switch when the parking brake is set. This is to afford the operator some illumination when first approaching the control panel. There will be one (1) white LED, step light provided above this step. In order to ensure exceptional illumination, each step light will provide a minimum of 25 foot-candles (fc) covering an entire 15.00" x 15.00" square placed 10.00" below the light and a minimum of 1.5 fc covering an entire 30.00" x 30.00" square at the same 10.00" distance below the light.
0606697	Air Horns, (2) Grover, In Bumper	AIR HORN SYSTEM There will be two (2) Grover air horns recessed in the front bumper. The horn system will be piped to the air brake system wet tank utilizing 0.38" tubing. A pressure protection valve will be installed in-line to prevent loss of air in the air brake system
0606835	Location, Air Horns, Bumper, Each Side Outside Frame, Outboard (Pos #1 & #7)	Air Horn Location The air horns will be located on each side of the bumper, towards the outside.
0513777	Control, Air Horn, PS Lanyard, DS Foot Sw	AIR HORN CONTROL The air horns will be actuated by a lanyard rope pull control provided within reach of the officer and a foot switch located on the driver's side.
0525667	Siren, WIn 295SLSA1, 100 or 200 Watt	ELECTRONIC SIREN A Whelen®, Model 295SLSA1, electronic siren with noise canceling microphone will be provided. This siren to be active when the battery switch is on and that emergency master switch is on.

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0790527	Location Electronic Siren, Center Dash Switch Panel, Saber FR	The electronic siren head will be located in switch panel # 7 area of the center dash switch panel
0076156	Control, Elec Siren, Head Only	The electronic siren will be controlled on the siren head only. No horn button or foot switches will be provided.
0601306	Speaker, (1) Wln, SA315P, w/Pierce Polished Stainless Steel Grille, 100 watt	SPEAKER There will be one (1) Whelen® Model SA315P, black nylon composite, 100-watt, speaker with through bumper mounting brackets and polished stainless steel grille provided. The speaker will be connected to the siren amplifier.
0601565	Location, Speaker, Frt Bumper, Recessed, Center (Pos 4)	The speaker(s) will be recessed in the center of the front bumper.
0016080	Siren Federal Q2B	AUXILIARY MECHANICAL SIREN A Federal Q2B® siren will be furnished. The control solenoid will be powered up after the emergency master switch is activated.
0006097	Location of Siren, Recessed in Bumper	The mechanical siren will be recessed in the front bumper on the left side. The siren will be properly supported using the bumper framework.
0026163	Control, Mech Siren DS & PS Foot Sw	The mechanical siren will be actuated by two (2) foot switches, one (1) located on the officer's side and one (1) on the driver's side.
0740392	Sw, Siren Brake, Momentary Red, RS Overhead Sw Pnl	A momentary red switch will be included in the right side overhead switch panel to activate the siren brake.
0740834	Sw, Siren Brake, Momentary Red, LS Overhead Sw Pnl	A momentary red switch will be included in the left side overhead switch panel to activate the siren brake.
0736165	Sw Siren Brake, Momentary RS Overhead Sw Pnl	A momentary switch will be included in the right side overhead switch panel to activate the siren brake.
0603230	Lightbar, Wln, Freedom IV, Rota-Bm 72" rRBR_W_RBRr, Dual Sw	FRONT ZONE UPPER WARNING LIGHTS There will be one (1) 72.00" Whelen Freedom IV Rota-Beam LED lightbar mounted on the cab roof. The lightbar will include the following: One (1) red flashing LED module in the driver's side end position. One (1) red flashing in a rotating pattern LED module in the driver's side front corner position. One (1) blue flashing in a rotating pattern LED module in the driver's side first front position. One (1) red flashing in a rotating pattern LED module in the driver's side second front position. Open in the driver's side third position. One (1) white flashing in a rotating pattern LED module in the center position. Open in the passenger's side third position. One (1) red flashing in a rotating pattern LED module in the passenger's side second front position. One (1) blue flashing in a rotating pattern LED module in the passenger's side first front position. One (1) red flashing in a rotating pattern LED module in the passenger's side front corner position. One (1) red flashing LED module in the passenger's side end position. All the lenses will be clear lenses included on the lightbar. There will be two (2) switches in the cab on the switch panel to control this lightbar. One (1) switch to activate all the LED modules. One (1) momentary switch to deactivate the red and blue flashing LED modules in the front positions. This switch will be interlocked to the parking brake so that if the front modules are off and the parking brake is released the lights will be reactivated. The white flashing LED modules will be disabled when the parking brake is applied. The two (2) red and two (2) blue flashing LED modules in the front positions may be load managed when the parking brake is applied.
0016380	No Additional Lights Req'd Side Zone Upper	

0540384	Lights, Front Zone, Wln M6°C LED, Clear Lens, in Common Bzl	LIGHTS, FRONT ZONE LOWER Two (2) Whelen model M6°C LED flashing warning lights will be installed on the cab face above the headlights, in a common bezel with the directional lights. The driver's side front warning light to be red. The passenger's side front warning light to be blue. Both lights will include a clear lens. There will be a switch located in the cab on the switch panel to control the lights.
0653937	Flasher, Headlight Alternating	HEADLIGHT FLASHER The high beam headlights will flash alternately between the left and right side. There will be a switch installed in the cab on the switch panel to control the high beam flash. This switch will be live when the battery switch and the emergency master switches are on. The flashing will automatically cancel when the hi-beam headlight switch is activated or when the parking brake is set.
0540679	Lights, Side Zone Lower, Wln M6°C LED, Clear Lens 2pr	SIDE ZONE LOWER LIGHTING There will be four (4) Whelen®, Model M6°C, flashing LED warning lights with chrome trim installed per the following: Two (2) lights, one (1) each side on the bumper extension. The side front lights to be red. Two (2) lights, one (1) each side above rear wheels. The side rear lights to be red The lights will include a clear lenses. There will be a switch in the cab on the switch panel to control the lights
0564655	Lights, Rear Zone Lower, Wln M6°C LED, Clear Lens, For Tail Lt Housing	REAR ZONE LOWER LIGHTING There will be two (2) Whelen®, Model M6°C, LED flashing warning lights located at the rear of the apparatus. The driver's side rear light to be red The passenger's side rear light to be red Both lights will include a lens that is clear. There will be a switch located in the cab on the switch panel to control the lights
0088745	Light, Rear Zone Upper, Wln L31HRFN LED Beacon, Red LED	REAR/SIDE ZONE UPPER WARNING LIGHTS There will be two (2) Whelen®, Model L31H*FN, LED warning beacons provided at the rear of the truck, located one (1) each side. There will be a switch located in the cab on the switch panel to control the beacons. The color of the lights will be red LEDs with both domes clear.
0006551	Not Required, Lights, Rear Upper Zone Blocking	
0006615	Mtg, Rear Warn Lts On Top of Compt	The rear warning lights will be mounted on top of the compartmentation with all wiring totally enclosed. The rear deck lights will be mounted on the beavertails as high as possible.
0791528	Light, Traffic Directing, Wln TAL65, 36.00" Long, TACTL5	TRAFFIC DIRECTING LIGHT There will be one (1) Whelen®, Model TAL65, 36.00" long x 2.87" high x 2.25" deep, amber LED traffic directing light installed at the rear of the apparatus. The Whelen, Model TACTL5, control head will be included with this installation. The controller will be energized when the battery switch is on The auxiliary flash not activated.
0551728	Location, Traf Dir Lt, Recessed with S/S Trim	This traffic directing light will be recessed with a stainless steel trim plate at the rear of the apparatus as high as practical.
0530282	Location, Traf Dir Lt Controller, Overhead Switch Panel DS Right End	The traffic directing light control head will be located in the driver side overhead switch panel in the right panel position.
0779701	Receptacle, 15/20A 120V 3-Pr 3-Wr SB Dup, 4 place Interior Body	120 VOLT RECEPTACLE There will be one (1), 4-place receptacle box(es) with four (4) 15/20 amp 120 volt AC three (3) wire straight blade receptacles with interior stainless steel wall plate(s) installed LS1 compartment mounted low on back wall to the rear of the compartment. The NEMA configuration for the receptacles will be 5-20R. The receptacle(s) will be powered from the shoreline inlet. There will be a label installed near the receptacle(s) that state the following: Line Voltage Current Rating (amps) Phase Frequency
0519934	Not Required, Brand, Hydraulic Tool System	

0649753	Not Required, PTO Driven Hydraulic Tool System	
0007150	Bag of Nuts and Bolts	LOOSE EQUIPMENT The following equipment will be furnished with the completed unit One (1) bag of chrome, stainless steel, or cadmium plated screws, nuts, bolts and washers, as used in the construction of the unit.
0602516	NFPA Required Loose Equipment. Pumper, NFPA 2016. Provided by Fire Department	NFPA REQUIRED LOOSE EQUIPMENT PROVIDED BY FIRE DEPARTMENT The following loose equipment as outlined in NFPA 1901, 2016 edition, section 5.9.3 and 5.9.4 will be provided by the fire department. 800 ft (60 m) of 2.50" (65 mm) or larger fire hose. 400 ft (120 m) of 1.50" (38 mm), 1.75" (45 mm), or 2.00" (52 mm) fire hose One (1) handline nozzle, 200 gpm (750 L/min) minimum. Two (2) handline nozzles, 95 gpm (360 L/min) minimum. One (1) smoothbore or combination nozzle with 2.50" shutoff that flows a minimum of 250 gpm One (1) SCBA complying with NFPA 1981 for each assigned seating position, but not fewer than four (4), mounted in brackets fastened to the apparatus or stored in containers supplied by the SCBA manufacturer. One (1) spare SCBA cylinder for each SCBA carried, each mounted in a bracket fastened to the apparatus or stored in a specially designed storage space(s). One (1) first aid kit. Four (4) combination spanner wrenches. Two (2) hydrant wrenches. One (1) double female 2.50" (65 mm) adapter with National Hose threads One (1) double male 2.50" (65 mm) adapter with National Hose threads. One (1) rubber mallet, for use on suction hose connections. Two (2) salvage covers each a minimum size of 12 ft x 14 ft (3.7 m x 4.3 m). One (1) traffic vest for each seating position, each vest to comply with ANSI/ISEA 207, <i>Standard for High Visibility Public Safety Vests</i> , and have a five-point breakaway feature that includes two (2) at the shoulders, two (2) at the sides, and one (1) at the front. Five (5) fluorescent orange traffic cones not less than 28.00" (711 mm) in height, each equipped with a 6.00" (152 mm) retro-reflective white band no more than 4.00" (152 mm) from the top of the cone, and an additional 4.00" (102 mm) retro-reflective white band 2.00" (51 mm) below the 6.00" (152 mm) band. Five (5) illuminated warning devices such as highway flares, unless the five (5) fluorescent orange traffic cones have illuminating capabilities. One (1) automatic external defibrillator (AED). Four (4) ladder belts meeting the requirements of NFPA 1983, <i>Standard on Fire Service Life Safety Rope and System Components</i> (if equipped with an aerial device). If the supply hose carried does not use sexless couplings, an additional double female adapter and double male adapter, sized to fit the supply hose carried, will be carried mounted in brackets fastened to the apparatus. If none of the pump intakes are valved, a hose appliance that is equipped with one or more gated intakes with female swivel connection(s) compatible with the supply hose used on one side and a swivel connection with pump intake threads on the other side will be carried. Any intake connection larger than 3.00" (75 mm) will include a pressure relief device that meets the requirements of 16.6.6. If the apparatus does not have a 2.50" National Hose (NH) intake, an adapter from 2.50" NH female to a pump intake will be carried, mounted in a bracket fastened to the apparatus if not already mounted directly to the intake. If the supply hose carried has other than 2.50" National Hose (NH) threads, adapters will be carried to allow feeding the supply hose from a 2.50" NH thread male discharge and to allow the hose to connect to a 2.50" NH female intake, mounted in brackets fastened to the apparatus if not already mounted directly to the discharge or intake.
0602407	Soft Suction Hose, Provided by Fire Department. Pumper NFPA 2016 Classification	SOFT SUCTION HOSE PROVIDED BY FIRE DEPARTMENT NFPA 1901, 2016 edition, section 5.8.2.1 requires a minimum of 20' of suction hose or 15' of supply hose will be carried. Hose is not on the apparatus as manufactured. The fire department will provide suction or supply hose
0027023	No Strainer Required	
0602538	Extinguisher, Dry Chemical, Pumper NFPA 2016 Class. Provided by Fire Department	DRY CHEMICAL EXTINGUISHER PROVIDED BY FIRE DEPARTMENT NFPA 1901, 2016 edition, section 5.9.4 requires one (1) approved dry chemical portable fire extinguisher with a minimum 80-B C rating mounted in a bracket fastened to the apparatus The extinguisher is not on the apparatus as manufactured. The fire department will provide and mount the extinguisher
0602360	Extinguisher, 2.5 Gal Pressurized Water, Pumper NFPA 2016. Provided by Fire Dept	WATER EXTINGUISHER PROVIDED BY FIRE DEPARTMENT NFPA 1901, 2016 edition, section 5.9.4 requires one (1) 2.5 gallon or larger water extinguisher mounted in a bracket fastened to the apparatus. The extinguisher is not on the apparatus as manufactured. The fire department will provide and mount the extinguisher

0602679	Axe, Flathead, Pumper NFPA 2016 Classification. Provided by Fire Department	<p>FLATHEAD AXE PROVIDED BY FIRE DEPARTMENT NFPA 1901, 2016 edition. Section 5.9.4 requires one (1) flathead axe mounted in a bracket fastened to the apparatus. The axe is not on the apparatus as manufactured. The fire department will provide and mount the axe.</p>
0602667	Axe, Pickhead, Pumper NFPA 2016 Classification. Provided by Fire Department	<p>PICKHEAD AXE PROVIDED BY FIRE DEPARTMENT NFPA 1901, 2016 edition. Section 5.9.4 requires one (1) pickhead axe mounted in a bracket fastened to the apparatus. The axe is not on the apparatus as manufactured. The fire department will provide and mount the axe.</p>
0607712	Paint Process / Environmental Requirements	<p>PAINT PROCESS The exterior custom cab and/or body painting procedure will consist of a seven (7) step finishing process. A commercial chassis paint process will follow similar processes as determined by the chassis manufacturer. The following procedure will be used by Pierce:</p> <p><u>Manual Surface Preparation</u> - All exposed metal surfaces on the custom cab and body will be thoroughly cleaned and prepared for painting. Imperfections on the exterior surfaces will be removed and sanded to a smooth finish. Exterior seams will be sealed before painting. Exterior surfaces that will not be painted include: chrome plating, polished stainless steel, anodized aluminum and bright aluminum treadplate</p> <p><u>Chemical Cleaning and Pretreatment</u> - All surfaces will be chemically cleaned to remove dirt, oil, grease, and metal oxides to ensure the subsequent coatings bond well. The aluminum surfaces will be properly cleaned and treated using a high pressure, high temperature 4 step Acid Etch process. The steel and stainless surfaces will be properly cleaned and treated using a high temperature 3 step process specifically designed for steel or stainless. The chemical treatment converts the metal surface to a passive condition to help prevent corrosion. A final pure water rinse will be applied to all metal surfaces.</p> <p><u>Surfacer Primer</u> - The Surfacer Primer will be applied to a chemically treated metal surface to provide a strong corrosion protective base coat. A minimum thickness of 2 mils of Surfacer Primer is applied to surfaces that require a critical aesthetic finish. The surfacer primer will be a two-component high solids urethane that has excellent sanding properties and an extra smooth finish when sanded.</p> <p><u>Finish Sanding</u> - The surfacer primer will be sanded with a fine grit abrasive to achieve an ultra-smooth finish. This sanding process is critical to produce the smooth mirror like finish in the topcoat.</p> <p><u>Sealer Primer</u> - The sealer primer is applied prior to the base coat in all areas that have not been previously primed with the surfacer primer. The sealer primer is a two-component high solids urethane that goes on smooth and provides excellent gloss hold out when top coated</p> <p><u>Base coat Paint</u> - Two coats of a high performance, two component high solids polyurethane base coat will be applied. The Base coat will be applied to a thickness that will achieve the proper color match. The Base coat will be used in conjunction with a urethane clear coat to provide protection from the environment.</p> <p><u>Clear Coat</u> - Two (2) coats of clear coat will be applied over the base coat color. The clear coat is a two-component high solids urethane that provides superior gloss and durability to the exterior surfaces. Lap style doors will be clear coated to match the body. Paint warranty for the roll-up doors will be provided by the roll-up door manufacturer.</p> <p>Our specifications are written to define cyclic corrosion testing, physical strengths, durability and minimum appearance requirements must be met in order for an exterior paint finish to be considered acceptable as a quality finish</p> <p>Each batch of base coat color will be checked for a proper match before painting of the cab and the body. After the cab and body are painted, the color is verified again to make sure that it matches the color standard. Electronic color measuring equipment will be used to compare the color sample to the color standard entered into the computer. Color specifications are used to determine the color match. A Delta E reading will be used to determine a good color match within each family color.</p> <p>All removable items such as brackets, compartment doors, door hinges, and trim will be removed and separately if required, to ensure paint behind all mounted items. Body assemblies that cannot be finish painted after assembly will be finish painted before assembly.</p> <p>Environmental Impact Contractor will meet or exceed all current State regulations concerning paint operations. Pollution control will include measures to protect the atmosphere, water and soil. Controls will include the following conditions.</p> <p>Topcoats and primers will be chrome and lead free</p> <p>Metal treatment chemicals will be chrome free. The wastewater generated in the metal treatment process will be treated on-site to remove any other heavy metals</p> <p>Particulate emission collection from sanding operations will have a 99.99 percent efficiency factor.</p> <p>Particulate emissions from painting operations will be collected by a dry filter or water wash process. If the dry filter is used, it will have an efficiency rating of 98 percent. Water wash systems will be 99.97 percent efficient.</p> <p>Water from water wash booths will be reused. Solids will be removed on a continual basis to keep the water clean.</p> <p>Paint wastes will be disposed of in an environmentally safe manner</p> <p>Empty metal paint containers will be recycled to recover the metal.</p> <p>Solvents used in clean-up operations will be recycled on-site or sent off-site for distillation and returned for reuse.</p> <p>Additionally, the finished apparatus will not be manufactured with or contain products that have ozone depleting substances. Pierce will, upon demand, present evidence that the manufacturing facility meets the above conditions and that it is in compliance with the state EPA rules and regulations</p>

0601367	Paint, Single Color, Saber PMFD	PAINT The cab and the body will be painted #90 red
0646897	Paint Chassis Frame Assy, E-Coat, Standard	PAINT CHASSIS FRAME ASSEMBLY The chassis frame assembly will be finished with a single system black top coat before the installation of the cab and body, and before installation of the engine and transmission assembly, air brake lines, electrical wire harnesses, etc. Components treated with epoxy E-coat protection prior to paint: Two (2) C-channel frame rails Components that are included with the chassis frame assembly that will be painted not e-coated are: Cross members Axles Suspensions Steering gear Battery boxes Bumper extension weldment Frame extensions Body mounting angles Rear Body support substructure (front and rear) Pump house substructure Air tanks Steel fuel tank Castings Individual piece parts used in chassis and body assembly The E-coat process will meet the technical properties shown.
0693797	No Paint Required, Aluminum Front Wheels	
0693792	No Paint Required, Aluminum Rear Wheels	
0733739	Paint, Axle Hubs	AXLE HUB PAINT All axle hubs will be painted to match lower job color.
0736826	SP Coating, Durabak, Top/Bottom Flange, Front Bumper	FRONT BUMPER COATING Durabak™ coating will be provided on the outside exterior of the top and bottom front bumper flanges. It will not be applied on the inside of the flanges. The material will be textured black
0007230	Compartment, Painted, Spatter Gray	COMPARTMENT INTERIOR PAINT The interior of all compartments will be painted with a gray spatter finish for ease of cleaning and to make it easier to touch up scratches and nicks.
0544129	Reflective Band, 1"-6"-1"	REFLECTIVE STRIPES Three (3) reflective stripes will be provided across the front of the vehicle and along the sides of the body. The reflective band will consist of a 1.00" black stripe at the top with a 1.00" gap then a 6.00" black stripe with a 1.00" gap and a 1.00" black stripe on the bottom
0007356	Reflective across Cab Face	The reflective band provided on the cab face will be at the headlight level
0536954	Stripe, Chevron, Rear, Diamond Grade, Pumper	REAR CHEVRON STRIPING There will be alternating chevron striping located on the rear-facing vertical surface of the apparatus. The rear surface, excluding the rear compartment door, will be covered. The colors will be red and fluorescent yellow green diamond grade Each stripe will be 6.00" in width This will meet the requirements of the current edition of NFPA 1901 which states that 50% of the rear surface will be covered with chevron striping.
0087342	Jog "Z"-Shaped, In Reflective Stripe	"Z" JOG IN REFLECTIVE STRIPE There will be one (1) "Z"-shaped jog(s) provided in the reflective stripe design.
0065687	Stripe, Reflective, Cab Doors Interior	CAB DOOR REFLECTIVE STRIPE A 6.00" x 16.00" white reflective stripe will be provided across the interior of each cab door. The stripe will be located approximately 1.00" up from the bottom, on the door panel. This stripe will meet the NFPA 1901 requirement.

0027372	Lettering Specifications. (GOLD STAR Process)	LETTERING The lettering will be totally encapsulated between two (2) layers of clear vinyl.
0686428	Lettering. Gold Leaf. 3.00". (41-60)	LETTERING Forty-one (41) to sixty (60) genuine gold leaf lettering. 3.00" high, with outline and shade will be provided.
0747739	Emblem. Texas Flag Painted on Cab Grille. Saber Chassis. PMFD	CAB GRILLE DESIGN A Texas flag design will be painted on the cab grille.
0000000	STF Poly Tool Mounts - Jollyville 28590	POLY TOOL MOUNTS Poly tool mounts will be provided by Siddons-Martin Emergency Group for the mounting of a full set of rescue tools and assorted tools in the pull out trays.
0772003	Manual. Fire Apparatus Parts. USB Flash Drive. Custom	FIRE APPARATUS PARTS MANUAL There will be one (1) custom parts manual(s) in USB flash drive format for the complete fire apparatus provided. The manual(s) will contain the following Job number Part numbers with full descriptions Table of contents Parts section sorted in functional groups reflecting a major system, component, or assembly Parts section sorted in alphabetical order Instructions on how to locate parts Each manual will be specifically written for the chassis and body model being purchased. It will not be a generic manual for a multitude of different chassis and bodies. Service Parts Internet Site The service parts information included in these manuals are also available on the Pierce website. The website offers additional functions and features not contained in this manual, such as digital photographs and line drawings of select items. The website also features electronic search tools to assist in locating parts quickly.
0772037	Manual. Chassis Service. USB Flash Drive. Custom	CHASSIS SERVICE MANUALS There will be one (1) chassis service manuals on USB flash drives containing parts and service information on major components provided with the completed unit. The manual will contain the following sections: Job number Table of contents Troubleshooting Front Axle/Suspension Brakes Engine Tires Wheels Cab Electrical. DC Air Systems Plumbing Appendix The manual will be specifically written for the chassis model being purchased. It will not be a generic manual for a multitude of different chassis and bodies.
0773381	Manual. Chassis Operation. (1) USB Flash Drive. Custom	CHASSIS OPERATION MANUAL The chassis operation manual will be provided on one (1) USB flash drive.
0030008	Warranty. Basic. 1 Year. Apparatus. WA0008	ONE (1) YEAR MATERIAL AND WORKMANSHIP A Pierce basic apparatus limited warranty certificate. WA0008, is included with this proposal.
0696698	Warranty. Engine. Cummins, 5 Year WA0181	ENGINE WARRANTY A Cummins five (5) year limited engine warranty will be provided. A limited warranty certificate. WA0181, is included with this proposal.
0684952	Warranty. Steering Gear. TRW Ross TAS. 1 Year WA0202	STEERING GEAR WARRANTY A TRW one (1) year limited steering gear warranty will be provided. A copy of the warranty certificate will be submitted with the bid package.
0596017	Warranty. Frame. 50 Year. Custom Chassis. WA0013	FIFTY (50) YEAR STRUCTURAL INTEGRITY The Pierce custom chassis frame limited warranty certificate. WA0013, is included with this proposal.

0610471	Warranty, Axle, Eaton/Dana, 5 Year/100,000 Mile. Parts and Labor	FRONT AXLE WARRANTY A Eaton five (5)-year/100,000 mile parts and labor warranty will be provided
0610485	Warranty, Axle, Eaton/Dana, 5 Year/100,000 Mile. Parts and Labor	REAR AXLE WARRANTY A Eaton five (5)-year/100,000 mile parts and labor warranty will be provided.
0652758	Warranty, ABS Brake System, 3 Year, Meritor Wabco, WA0232	ABS BRAKE SYSTEM THREE (3) YEAR MATERIAL AND WORKMANSHIP WARRANTY A Meritor Wabco™ ABS brake system limited warranty certificate, WA0232, is included with this proposal.
0019914	Warranty, Structure, 10 Year, Custom Cab, WA0012	TEN (10) YEAR STRUCTURAL INTEGRITY The Pierce custom cab limited warranty certificate, WA0012, is included with this proposal.
0595813	Warranty, Paint, 10 Year, Cab, Pro-Rate, WA0055	TEN (10) YEAR PRO-RATED PAINT AND CORROSION A Pierce cab limited pro-rated paint warranty certificate, WA0055, is included with this proposal.
0695416	Warranty, Pierce Camera System, WA0188	CAMERA SYSTEM WARRANTY A Pierce fifty four (54) monthwarranty will be provided for the camera system.
0647720	Warranty, Pierce LED Strip Lights, WA0203	COMPARTMENT LIGHT WARRANTY The Pierce 12 volt DC LED strip lights limited warranty certificate, WA0203, is included with this proposal.
0046369	Warranty, 5-year EVS Transmission, Standard Custom, WA0187	TRANSMISSION WARRANTY The transmission will have a five (5) year/unlimited mileage warranty covering 100 percent parts and labor. The warranty will be provided by Allison Transmission. Note: The transmission cooler is not covered under any extended warranty you may be getting on your Allison Transmission. Please review your Allison Transmission warranty for coverage limitations.
0685945	Warranty, Transmission Cooler, WA0216	TRANSMISSION COOLER WARRANTY The transmission cooler will carry a five (5) year parts and labor warranty (exclusive to the transmission cooler). In addition, a collateral damage warranty will also be in effect for the first three (3) years of the warranty coverage and will not exceed \$10,000 per occurrence. A copy of the warranty certificate will be submitted with the bid package.
0688798	Warranty, Water Tank, Lifetime, UPF, Poly Tank, WA0195	WATER TANK WARRANTY A UPF poly water tank limited warranty certificate, WA0195, is included with this proposal.
0596025	Warranty, Structure, 10 Year, Body, WA0009	TEN (10) YEAR STRUCTURAL INTEGRITY The Pierce apparatus body limited warranty certificate, WA0009, is included with this proposal.
0693127	Warranty, Gortite, Roll-up Door, 6 Year, WA0190	ROLL UP DOOR MATERIAL AND WORKMANSHIP WARRANTY A Gortite roll-up door limited warranty will be provided. The mechanical components of the roll-up door will be warranted against defects in material and workmanship for the lifetime of the vehicle. A six (6) year limited warranty will be provided on painted and satin roll up doors. The limited warranty certificate, WA0190, is included with this proposal
0734463	Warranty, Pump Waterous, 7 Year Parts, WA0382	PUMP WARRANTY The Waterous pump will be provided with a Seven (7) year material and workmanship limited warranty. A copy of the warranty certificate will be submitted with the bid package (no exception).
0648675	Warranty, 10 Year S/S Plumbing, WA0035	TEN (10) YEAR PUMP PLUMBING WARRANTY The Pierce apparatus plumbing limited warranty certificate, WA0035, is included with this proposal.
0657990	Warranty, Foam System, Husky 3, WA0231	FOAM SYSTEM WARRANTY The Husky 3 foam system limited warranty certificate, WA0231 is included with this proposal
0595820	Warranty, Paint, 10 Year, Body, Pro-Rate, WA0057	TEN (10) YEAR PRO-RATED PAINT AND CORROSION A Pierce body limited pro-rated paint warranty certificate, WA0057 is included with this proposal

0595421	Warranty Goldstar, 3 Year Apparatus, WA0018	<p>THREE (3) YEAR MATERIAL AND WORKMANSHIP The Pierce Goldstar gold leaf lamination limited warranty limited warranty certificate, WA0018, is included with this proposal.</p>
0683627	Certification, Vehicle Stability, CD0156	<p>VEHICLE STABILITY CERTIFICATION The fire apparatus manufacturer will provide a certification stating the apparatus complies with NFPA 1901, current edition, section 4.13, Vehicle Stability. The certification will be provided at the time of bid.</p>
0736238	Certification, Engine Installation, Saber FR/Enf, Cummins L9, 2021	<p>ENGINE INSTALLATION CERTIFICATION The fire apparatus manufacturer will provide a certification, along with a letter from the engine manufacturer stating they approve of the engine installation in the bidder's chassis. The certification will be provided at the time of delivery.</p>
0686786	Certification, Power Steering, CD0098	<p>POWER STEERING CERTIFICATION The fire apparatus manufacturer will provide a certification stating the power steering system as installed meets the requirements of the component supplier. The certification will be provided at the time of bid.</p>
0631980	Certification, Cab Integrity, Saber FR/Enforcer, CD0130	<p>CAB INTEGRITY CERTIFICATION The fire apparatus manufacturer will provide a cab crash test certification with this proposal. The certification will state that a specimen representing the substantial structural configuration of the cab has been tested and certified by an independent third party test facility. Testing events will be documented with photographs, real-time and high-speed video, vehicle accelerometers, cart accelerometers, and a laser speed trap. The fire apparatus manufacturer will provide a state licensed professional engineer to witness and certify all testing events. Testing will meet or exceed the requirements below: European Occupant Protection Standard ECE Regulation No.29. SAE J2422 Cab Roof Strength Evaluation - Quasi-Static Loading Heavy Trucks SAE J2420 COE Frontal Strength Evaluation - Dynamic Loading Heavy Trucks.</p> <p>Roof Crush The cab will be subjected to a roof crush force of 22,500 lb. This value meets the ECE 29 criteria, and is equivalent to the front axle rating up to a maximum of ten (10) metric tons.</p> <p>Side Impact The same cab will be subjected to dynamic preload where a 13,275-lb moving barrier is slammed into the side of the cab at 5.50 mph, striking with an impact of 13,000 ft-lb of force. This test is part of the SAE J2422 test procedure and more closely represents the forces a cab will see in a rollover incident.</p> <p>Frontal Impact The same cab will withstand a frontal impact of 32,600 ft-lb of force using a moving barrier in accordance with SAE J2420.</p> <p>Additional Frontal Impact The same cab will withstand a frontal impact of 65,200 ft-lb of force using a moving barrier. (Twice the force required by SAE J2420) The same cab will withstand all tests without any measurable intrusion into the survival space of the occupant area.</p>
0631973	Certification, Cab Door Durability, Saber FR/Enforcer, CD0137	<p>CAB DOOR DURABILITY CERTIFICATION Robust cab doors help protect occupants. Cab doors will survive a 200,000 cycle door slam test where the slamming force exceeds 20 G's of deceleration. The bidder will certify that the sample doors similar to those provided on the apparatus have been tested and have met these criteria without structural damage, latch malfunction, or significant component wear.</p>
0631978	Certification, Windshield Wiper Durability, Saber FR/Enforcer, CD0132	<p>WINDSHIELD WIPER DURABILITY CERTIFICATION Visibility during inclement weather is essential to safe apparatus performance. Windshield wipers will survive a 3 million cycle durability test in accordance with section 6.2 of SAE J198 <i>Windshield Wiper Systems - Trucks, Buses and Multipurpose Vehicles</i>. The bidder will certify that the wiper system design has been tested and that the wiper system has met these criteria.</p>
0556828	Certification, Electric Window, Not Available	

0631977	Certification, Seat Belt Anchors and Mounting, Saber FR/Enforcer, CD0134	<p>SEAT BELT ANCHOR STRENGTH Seat belt attachment strength is regulated by Federal Motor Vehicle Safety Standards and should be validated through testing. Each seat belt anchor design will withstand 3000 lb of pull on both the lap and shoulder belt in accordance with FMVSS 571.210 Seat Belt Assembly Anchorages. The bidder will certify that each anchor design was pull tested to the required force and met the appropriate criteria.</p> <p>SEAT MOUNTING STRENGTH Seat attachment strength is regulated by Federal Motor Vehicle Safety Standards and should be validated through testing. Each seat mounting design will be tested to withstand 20 G's of force in accordance with FMVSS 571.207 Seating Systems. The bidder will certify, at time of delivery, that each seat mount and cab structure design was pull tested to the required force and met the appropriate criteria.</p>
0735949	Certification, Cab HVAC System Performance, Saber FR/Enforcer, CD0165/CD0167	<p>PERFORMANCE CERTIFICATIONS</p> <p>Cab Air Conditioning Good cab air conditioning temperature and air flow performance keeps occupants comfortable, reduces humidity, and provides a climate for recuperation while at the scene. The cab air conditioning system will cool the cab from a heat-soaked condition at 100 degrees Fahrenheit to an average of 78 degrees Fahrenheit in 30 minutes. The bidder will certify that a substantially similar cab has been tested and has met these criteria</p> <p>Cab Defroster Visibility during inclement weather is essential to safe apparatus performance. The defroster system will clear the required windshield zones in accordance with SAE J381 Windshield Defrosting Systems Test Procedure And Performance Requirements - Trucks, Buses, And Multipurpose Vehicles. The bidder will certify that the defrost system design has been tested in a cold chamber and passes the SAE J381 criteria.</p> <p>Cab Auxiliary Heater Good cab heat performance and regulation provides a more effective working environment for personnel, whether in-transit, or at a scene. An auxiliary cab heater will warm the cab 77 degrees Fahrenheit from a cold-soak, within 30 minutes when tested using the coolant supply methods found in SAE J381. The bidder will certify, at time of delivery, that a substantially similar cab has been tested and has met these criteria.</p>
0545073	Amp Draw Report, NFPA Current Edition	<p>AMP DRAW REPORT The bidder will provide, at the time of bid and delivery, an itemized print out of the expected amp draw of the entire vehicle's electrical system. The manufacturer of the apparatus will provide the following: Documentation of the electrical system performance tests. A written load analysis, which will include the following: The nameplate rating of the alternator. The alternator rating under the conditions specified per: Applicable NFPA 1901 or 1906 (Current Edition). The minimum continuous load of each component that is specified per: Applicable NFPA 1901 or 1906 (Current Edition). Additional loads that, when added to the minimum continuous load, determine the total connected load. Each individual intermittent load. All of the above listed items will be provided by the bidder per the applicable NFPA 1901 or 1906 (Current Edition).</p>
0002758	Amp Draw NFPA/ULC Radio Allowance	
0799248	Appleton/Florida BTO	
0000017	FLORIDA DIVISION BODY	
0000012	PIERCE CHASSIS	
0004713	ENGINE, OTHER	
0046395	EVS 3000 Series TRANSMISSION	
0020011	WATEROUS PUMP	
0020009	POLY TANK	
0028048	FOAM SYSTEM	

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0020006	SIDE CONTROL
0020007	AKRON VALVES
0020015	ABS SYSTEM
0658751	PUMPER BASE

City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: November 17, 2020

AGENDA ITEM CAPTION:

Discussion and/or action to consider a Road Construction and Reimbursement Agreement between Continental Homes of Texas, L.P., and the City of Lockhart, for an extension of Maple Street in conjunction with the development of the proposed Vintage Springs Subdivision.

ORIGINATING DEPARTMENT AND CONTACT: Planning Department – Dan Gibson, City Planner and Steve Lewis, City Manager

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

The proposed Vintage Springs Subdivision (Planned Development District) will be platted in phases, and each phase will include constructing a portion of Maple Street. The first phase will include the extension of Maple Street from its current dead end at the northeast corner of the Meadows at Clear Fork Subdivision, Section 3, to Mockingbird Lane. That extension will have two segments. The eastern segment, connecting to Mockingbird Lane, is adjacent to Section 1A of the Vintage Springs Subdivision and is the responsibility of the developer. The western segment connects the existing dead end to the west end of the eastern segment, and is the responsibility of the City since it does not abut any portion of the Vintage Springs Subdivision. This agreement provides for the developer to construct the City's portion subject to reimbursement by the City for the engineering and construction costs of that segment.

This Agreement was first introduced to the Council on April 2, 2019. At that time, the Council took no action on the Agreement pending the receipt of construction bids and the agreement of the parties as to the City's share of the Maple Street construction costs.

This item comes forward now with the favorable recommendation of the City Engineer.

PROJECT SCHEDULE (if applicable):

Construction of the subject segment of Maple Street will occur concurrent with the development of Section 1A of the Vintage Springs Subdivision.

AMOUNT & SOURCE OF FUNDING:

	Finance Review initials _____			
Funds Required:	\$665,320			
Account Number:	414-5633-911	416-5633-903	416-5633-911	242-5633-911
Funds Available:	\$258,282.00	40,000.00	186,718.00	180,320
Account Name:	'09 CO	'15 CO	'15 CO	Impact Fees

FISCAL NOTE (if applicable): Not applicable.

COMMITTEE/BOARD/COMMISSION ACTION: None.

STAFF RECOMMENDATION/REQUESTED MOTION: Staff recommends APPROVAL.

LIST OF SUPPORTING DOCUMENTS: Road Construction and Reimbursement Agreement.

Department Head initials:

City Manager's Review:



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ROAD CONSTRUCTION AND REIMBURSEMENT AGREEMENT

THIS ROAD CONSTRUCTION AND REIMBURSEMENT AGREEMENT (this “*Agreement*”) is made and entered into as of the ____ day of _____, 2020 (the “*Effective Date*”), by and between **Continental Homes of Texas, L.P.**, a Texas limited partnership (“*Developer*”), and the **City of Lockhart**, a Texas home rule city in Caldwell County, Texas (the “*City*”), upon the terms and conditions set forth herein.

RECITALS:

A. Developer has contracted with Cottonwood Commons, LLC, to purchase the following described real property located in the jurisdiction of the City (the “*Land*”):

Lot 2, Block 1, and Lot 1, Block 2, TEXAS HERITAGE SUBDIVISION, a subdivision in Caldwell County, Texas, according to the map or plat thereof recorded in Plat Cabinet B, Slide 54, of the Plat Records of Caldwell County, Texas.

B. Developer is processing various entitlements for the Land in order to develop the Land as a single family residential subdivision, including without limitation re-platting the Land as “Vintage Springs Subdivision”, a planned development district comprised of Section 1A and Section 1B, and two future sections (the “*Vintage Springs Subdivision*”). Vintage Springs Section 1A is designed and engineered to provide for fifty-three (53) single family residential lots and accompanying landscaping, parkland, drainage, and utility lots, as shown on the excerpt from the plat thereof attached hereto Exhibit “A”. Vintage Springs Section 1B is designed and engineered to provide for twenty-six (26) single family residential lots and accompanying landscaping, parkland, drainage, and utility lots, as shown on the excerpt from the plat thereof attached hereto Exhibit “B”. Section 1A and Section 1B may be referred to as “*VS Development Phase 1*”. The Land as shown on Exhibit “B” includes two tracts, which are identified as 25.41 acres and 13.82 acres. The future development of those two tracts may be referred to as “*VS Development Phase 2*”.

C. As a condition to approval of the plat for Vintage Springs Subdivision, the City requires that certain improvements be made to Maple Street, which runs along the southern boundary of the Land, including the expansion and the extension of Maple Street, as more fully set forth in this Agreement.

D. The construction of Maple Street and the extension of Maple Street may be collectively referred to as the “*Maple Street Improvements*”, and the Maple Street Improvements are more fully described below. All of the Maple Street Improvements will be located in existing City right-of-way.

E. The City and Developer have determined that it is in the best interest of the public for Developer to construct the Maple Street Improvements and for the City to reimburse Developer for certain costs of the Maple Street Improvements, as provided in this Agreement.

F. Developer is willing to advance the funds for the design, engineering, and construction of the Maple Street Improvements, subject to the reimbursement by the City, and the City is willing to reimburse Developer for the funds advanced by Developer for the design, engineering, and construction of the Maple Street Improvements, all as described herein.

G. Developer and the City may be referred to collectively as the “Parties” and each as a “Party”. Developer is a subsidiary of D.R. Horton, Inc., a Delaware corporation.

H. In order to evidence the Parties’ agreement, Developer and the City are entering into this Agreement to articulate and memorialize certain covenants and agreements regarding the construction of the Maple Street Improvements that will serve and benefit the City, including but not limited to improved public access to Jason K. Lafleur Soccer Complex.

AGREEMENTS:

NOW, THEREFORE, for and in consideration of the premises, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. **Maple Street Improvements.** The Maple Street Improvements generally consist of the upgrade and improvement of Maple Street as shown on Exhibit “C”, which is attached hereto and incorporated herein by reference. Developer shall cause the Maple Street Improvements to be constructed in accordance with this Agreement and applicable laws, including codes, ordinances, and regulations applicable to the work (“*Applicable Laws*”), and the plans and specifications (“*Plans*”) as designed by registered engineer, Christopher P. van Heerde, PE, LPE No. 93047, HMT Engineering & Surveying, 410 N. Seguin Ave., New Braunfels, Texas, 78130 (“*Project Engineer*”) as such Plans are approved by the City, Caldwell County, and/or any other applicable authority having jurisdiction over such Plans and the construction of the Maple Street Improvements. All of the work related to the construction, upgrade, and extension of the Maple Street Improvements may be referred to as the “*Work*”. The Maple Street Improvements are more particularly described as follows:

(a) **Maple Street Extension Phase 1.** The first phase of the Maple Street Improvements (“*Maple Street Extension Phase 1*”) is: (i) the construction of Maple Street from its current terminus by Jason K. Lafleur Soccer Complex to the southwest corner of the Land (the “*City’s Portion*”, as shown on Exhibit “C”, and so called); and (ii) the construction of Maple Street from the southwest corner of the Land to Mockingbird Lane (“*DHI’s Portion*”, as shown on Exhibit “C”, and herein so called). Maple Street Extension Phase 1 will be a sixty foot (60’) right-of-way with two (2) undivided lanes, with sidewalks on both sides and accompanying water and drainage improvements, as more fully described in the Plans for Maple Street Extension Phase 1 which are described on Exhibit “D”.

(b) **Maple Street Extension Phase 2.** The second phase of the Maple Street Improvements (“*Maple Street Extension Phase 2*”) is the construction of Maple Street from Mockingbird Lane to the northeast, to Maple Street’s future intersection with San Jacinto Street. Maple Street Extension Phase 2 will be generally a sixty foot (60’) right-of-way (width varying as

it approaches San Jacinto Street) with two (2) undivided lanes, with sidewalks on both sides and accompanying water and drainage improvements, as generally shown on Exhibit “C”.

Maple Street Extension Phase 1 and Maple Street Extension Phase 2 may each be referred to as a “Phase”, and collectively as the “Phases”, as the context requires.

2. **Permitting.** Developer will obtain all necessary permits and approvals from governmental entities having jurisdiction over the Maple Street Improvements. The City agrees to use reasonable efforts to assist Developer in obtaining such permits and approvals. The City agrees that the Phases may be permitted separately and construction plans for the Phases approved separately.

3. **Construction of Maple Street Improvements.** Developer and the City agree as follows:

(a) **Maple Street Extension Phase 1.** Developer will commence the construction of Maple Street Extension Phase 1 in connection with the development and construction of VS Development Section 1. Developer will enter into a construction contract (the “Phase 1 Construction Contract”) for Maple Street Extension Phase 1 with a contractor (the “Phase 1 Contractor”) reasonably acceptable to and approved by the City, which approval will not be unreasonably withheld, conditioned, or delayed.

(b) **Maple Street Extension Phase 2.** Developer will commence the construction of Maple Street Extension Phase 2 in connection with the development and construction of VS Development Section 2. None of the costs of Maple Street Extension Phase 2 are subject to reimbursement by the City, and the construction contract for that Phase is not subject to City approval.

(c) **Right to Inspect.** During construction of the Maple Street Improvements, the City shall have the right, in accordance with standard City ordinances and procedures to review all documents, maps, plats, records, photographs, reports, and drawings relating to the Work and to inspect the Work in progress, provided that in conducting such inspections, the City shall not unreasonably interfere with the progress of the Work.

(d) **Change Orders.** Subject to Applicable Laws, Developer shall have the right to authorize change orders involving the Work without the approval of the City if such change order (i) does not change or impact the scope of the Work as reflected in the approved Plans; and (ii) with respect to the Phase 1 Construction Contract, (A) will not result in a net increase of more than two percent (2.0%) of the contract amount, and (B) when added to all prior change orders to the Phase 1 Construction Contract, will not result in a net increase of more than five percent (5.0%) of the contract amount; otherwise, the City shall have the right to review and approve (or disapprove) the change order, provided that such approval shall not be unreasonably withheld, conditioned, or delayed and such approval shall be deemed given if the City does not respond to Developer within ten (10) business days after the Developer’s request.

4. **Completion of Work.** Once Developer causes construction of the Work for a Phase to commence, Developer shall continue to diligently prosecute the construction of and Complete (as hereinafter defined) all of the Work related to that Phase at Developer's cost in a commercially reasonable timeframe. For purposes of this Agreement, the Work for each Phase shall be deemed to be "*Complete*" or "*Completed*" when (i) Developer has delivered to the City written certification from the Project Engineer that the Work has been constructed substantially in accordance with the applicable Plans, (ii) the City has accepted the applicable Phase, and (iii) Developer has received, recorded, and delivered to the City a copy of a final unconditional lien waiver executed by the contractor or a copy of the contractor's payment bond and consent of surety to final payment, reflecting that all Work for that Phase has been performed.

5. **Credited Impact Fees.** In consideration of Developer's agreement to construct the Maple Street Improvements, the City agrees to give developer credits as to the residential road impact fees for the Vintage Springs Subdivision, being impact fees in the amount of \$1,512.64 per dwelling unit.

6. **Reimbursement by the City.** In consideration of Developer's agreement to construct the City's Portion of the Maple Street Extension Phase 1 in accordance with the requirements set forth herein, the City agrees to reimburse Developer during the course of construction for the hard and soft costs associated with the City's portion of the Maple Street Extension Phase 1. Developer has obtained construction bids for Phase 1 Maple Street project and agreed to reimbursement of the City's Portion in the amount of \$625,320.00. Any change orders with respect to the Maple Street Extension Phase 1 Work which are approved by both parties during construction will be proportionally split based on the agreed to scope of the project and added to the total reimbursement amount. The City will also reimburse the Developer for engineering fees in the amount of \$40,000.00 (such sum of \$625,320.00 plus \$40,000.00, the "*City Reimbursement*").

(a) **Draw Request.** From time to time as construction of the Work related to the City's Portion of Maple Street Extension Phase 1 progresses, but not more often than monthly, the Developer shall submit to the City a written request (each a "*Draw Request*") to pay the applicable portion of the City Reimbursement. Each Draw Request shall be signed by the Phase 1 Contractor (for Work under the Phase 1 Construction Contract) and the Project Engineer confirming that the Work for which payment is requested has been completed, the percentage of Work completed and that the total costs of performing such Work in the amount of the funds requested to be drawn have in fact been incurred; and certifying that all persons performing such Work or providing materials in connection with the Work have been paid to the date of such Draw Request or will be paid to the date of such Draw Request out of such Draw Request. Each Draw Request for Work under the Phase 1 Construction Contract shall also be accompanied by appropriate copies of invoices and back-up information and shall also be submitted with a properly executed statutory lien waiver from the Phase 1 Contractor and any other subcontractors performing such Work, together with a sworn certificate executed by the Phase 1 Contractor listing all persons or companies having furnished labor, materials, or supplies in connection with the performance of such Work for which payment is sought. By way of example, with respect to Draw Request, if the first Draw Request is made at the time construction of Maple Street Extension

Phase 1 is at twenty percent (20%) construction completion, then the City is responsible to pay twenty percent (20%) of the City Reimbursement amount; and at such time as Developer submits a Draw Request at fifty percent (50%) construction completion of Maple Street Extension Phase 1, then the City is responsible to pay the thirty percent (30%) of the City Reimbursement amount.

(b) **Final Draw Request.** Upon completion of the Work relating to Maple Street Extension Phase 1, Developer shall deliver to the City a final Draw Request which shall (i) be identified as the “Final Draw Request”; (ii) be accompanied by a final statutory lien waiver from the Phase 1 Contractor and any other contractor(s), supplier(s), and/or professional(s) providing labor, materials, supplies, or professional services for which such final Draw Request relates; and (iii) be accompanied by the certificate of completion by the Project Engineer. The Final Draw Request will be funded only after acceptance by the City of the Maple Street Extension Phase 1 construction.

(c) **Funding Draw Requests.** Upon the City’s review and approval of a Draw Request, the City will fund the amount of the City Reimbursement due to Developer within fourteen (14) days after submittal of the Draw Request. If the City disputes any amount set forth in a Draw Request or requires additional information, the City will fund all amounts not in dispute, and the City and Developer will work in good faith to address any questions or concerns the City has about any amounts in dispute or for which the City requires additional information.

7. **Insurance.** Developer shall cause the Phase 1 Contractor and the contractor selected to construct Maple Street Extension Phase 2 (each, a “Contractor”) to perform any Work to carry a commercial liability insurance policy insuring against claims on account of lost life, bodily injury, or property damage that may arise from, or be occasioned by the condition, use, or occupancy of the property, or caused by any Contractor, or caused by those persons or entities for whose acts and omissions any Contractor is legally liable (such policy being issued by an insurance company qualified to do business in Texas, and having limits for loss of life or bodily injury in an amount of not less than \$1,000,000.00 for each occurrence), during any periods of time during which it is performing any work or causing to be performed any work on the Property that is within the scope and purview of this Agreement. Prior to commencing any activities related to the Work, Developer shall be required to deliver or cause the Contractor to deliver to the City, copies of insurance certificates evidencing the foregoing and naming the City as an additional insured under the policies.

8. **Maintenance.** Upon acceptance by the City of the Maple Street Improvements, the City shall at all times maintain the Maple Street Improvements, or cause the same to be maintained, in good condition and working order.

9. **City's Option to Construct Project Upon Default of Developer.** If Developer commences construction of either Phase of the Maple Street Improvements but fails or refuses to complete construction of such Phase in accordance with the Plans within a reasonable time after commencement of construction, subject to any extensions due to Force Majeure or City Delays, or as otherwise approved by the City Manager, such failure or refusal shall be considered an event of default and, after giving notice of such default and reasonable opportunity to cure to Developer,

as hereinafter provided, the City will have the right to exercise any self-help remedies as provided below.

(a) Notice of Default; Opportunity to Cure. Should either Party allege that the other has defaulted in the performance of any obligation, the non-defaulting Party will provide at least thirty (30) days written notice to the other Party specifying the nature of the alleged default and provide the other Party a reasonable opportunity to cure the default before exercising any legal or equitable remedy related to the alleged default, said 30-day cure period being subject to Force Majeure (not to exceed 90 days) and subject to delays caused by the non-defaulting Party. If the default is not cured within the reasonable period specified to cure the default, the non-defaulting Party may terminate this Agreement upon written notice to the defaulting Party and pursue such legal remedies as are available to the non-defaulting Party, whether at law or in equity. The City will also have the self-help remedy described in this Section 9.

(b) City's Self-Help Remedy. In the event the City elects to complete either Phase of the Maple Street Improvements pursuant to this Section 9, Developer grants the City the right to use the Plans to complete the applicable Maple Street Improvements and Developer also agrees that all designs, easements, real and personal property, and improvements acquired, produced, or installed in aid of completing the applicable Maple Street Improvements by Developer or its engineers or contractors before such default shall become the property of the City and, in such event, Developer will provide all necessary documentation to the City within five (5) business days after the City's request. The City will nevertheless reimburse Developer under this Agreement for reimbursable hard costs and soft costs pursuant to the terms of this Agreement incurred by Developer up to the point of Developer's default with respect to the Maple Street Extension Phase 1 Work.

10. Force Majeure. If, by reasons of Force Majeure, any Party will be rendered wholly or partially unable to carry out its obligations under this Agreement, then such Party will give written notice to the other Party describing the events of Force Majeure within a reasonable time after the occurrence of such events. The impacted Party's obligations hereunder will be suspended during the events of Force Majeure, but the impacted Party will use commercially reasonable efforts to fulfill its obligations hereunder as soon as reasonably practicable.

(a) Force Majeure. The term "*Force Majeure*" as used in this Agreement will mean and refer to acts of God; strikes, lockouts or other industrial disturbances; acts of terrorism or other public enemies; orders of any kind of the government of the United States, the State of Texas, or any other civil or military authority; insurrections; riots; epidemics; landslides; earthquakes; lightning; fires; hurricanes; storms; floods; washouts; other natural disasters; arrests; restraint of government and people; civil disturbances; explosions; breakage or accidents to machinery, pipelines or canals; or other causes not reasonably within the control of the party claiming such inability.

(b) City Delays. The term "*City Delays*" as used in this Agreement means any delay by the City, which is not the result of any act or omission of Developer, in issuing any permit or other approval necessary for the permitting, construction, and acceptance of the Maple Street

Improvements beyond the City's time schedules and deadlines for review and approval of any such permit, review, and acceptance.

11. **Assignment.** The Parties may not assign this Agreement or its rights and obligations hereunder without the prior written consent of the other. Provided, however, Developer may assign this Agreement to any party who acquires the Land from Developer or to any party to whom Developer assigns the contract for the acquisition of the Land between Developer and Cottonwood Commons, LLC, provided such assignee assumes all obligations of Developer under this Agreement.

12. **Notices.** All notices required hereunder shall be in writing and delivered by a professional delivery service, by recognized overnight courier service (such as FedEx), or by certified mail, return receipt requested, postage prepaid to the addresses set forth below (provided that any Party shall have the right to change such address by written notice to the other Party) and such notice(s) shall be deemed received when it is deposited with such service or the United States Postal Service (as applicable):

Developer's Address: Continental Homes of Texas, L.P.
Attn: Mr. Adib R. Khoury
10700 Pecan Park Blvd., Suite 400
Austin, Texas 78750
Phone: 512.345.4663; Fax: 512.533.1429
E-mail: arkhoury@drhorton.com

With a copy to: Timothy C. Taylor, Esq.
Jackson Walker L.L.P.
100 Congress Avenue, Suite 1100
Austin, Texas 78701-4042

City's Address: City of Lockhart
308 W. San Antonio St.
P.O. Box 239
Lockhart, Texas 78644
Attn: City Manager

With a copy to: City Attorney

Attn: _____

13. **General Covenants and Provisions.**

(a) **Severability.** If any provision of this Agreement is held to be illegal, invalid, or unenforceable under any applicable law, then such provision will be deemed to be modified to the extent necessary to render it legal, valid, and enforceable, and if no such modification will render it legal, valid, and enforceable, then this Agreement will be construed as if not containing the provision held to be invalid, and the rights and obligations of the Parties will be construed and enforced accordingly.

(b) Binding Effect. This Agreement and the terms, covenants, and conditions herein contained shall inure to the benefit of and be binding upon the successors and assigns of the Parties hereto.

(c) Entire Agreement. This Agreement, together with the exhibits referenced herein, contains the entire understanding between the Parties with respect to the subject matter of this Agreement, and there are no other agreements, oral or written, between the Parties regarding the subject matter of this Agreement. All of the exhibits attached to this Agreement are incorporated herein, and made a part of, this Agreement.

(d) No Partnership or Agency. This Agreement is not intended, and nothing herein shall be construed, to make the Parties partners, co-tenants, or joint venturers with each other, unless otherwise expressly provided for herein.

(e) Attorneys' Fees. If any Party defaults in the performance of its obligations hereunder, the non-defaulting Party shall be entitled to recover from the defaulting Party its reasonable attorneys' fees, expenses, and costs of court in enforcing the obligations of the defaulting Party, in accordance with Chapter 271, Subchapter I, Section 271.151 *et seq.* of the Texas Local Government Code.

(f) GOVERNING LAW. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS.

(g) VENUE. VENUE FOR ANY SUIT ARISING UNDER THIS AGREEMENT WILL BE IN CALDWELL COUNTY, TEXAS.

(h) Amendment; Waiver. This Agreement may not be amended or modified orally, but only by a written agreement executed by Developer and the City. No delay or omission by the City or Developer in exercising any power or right hereunder shall impair any such right or power or be construed as a waiver thereof, or any acquiescence therein, nor shall any single or partial exercise of any such power preclude other or further exercise thereof, or the exercise of any other right or power hereunder.

(i) Number and Gender; Captions. Whenever used herein, the singular number shall include the plural and the plural the singular, and the use of any gender shall be applicable to all genders. The captions, headings, and arrangements used in this Agreement are for convenience only and do not in any way affect, limit, amplify, or modify the terms and provisions hereof.

(j) Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one and the same instrument. The Parties agree that this Agreement may be transmitted by electronically scanning and e-mailing or by facsimile machine, and the Parties intend that electronically scanned and e-mailed or faxed signatures shall constitute original signatures. An electronically scanned or facsimile copy or any counterpart or conformed copy of this Agreement with the signature, original, scanned, e-mailed, or faxed, of all of the Parties shall be binding on the Parties.

DATED AND EFFECTIVE as of the Effective Date first written above.

DEVELOPER:

Continental Homes of Texas, L.P.
(a Texas limited partnership)

By: CHTEX of Texas, Inc.
(a Delaware corporation)
Its General Partner

By: _____
Name: _____
Title: _____

[SIGNATURES CONTINUE ON THE FOLLOWING PAGE]

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK]

CITY:

City of Lockhart, Texas

By: _____

Name: _____

Title: _____

Approved as to form:

Name: _____

Title: _____

EXHIBIT "A"

FINAL PLAT OF VINTAGE SPRINGS SUBDIVISION, PLANNED DEVELOPMENT DISTRICT, PHASE ONE-A

BEING 15.283 ACRES OF LAND SITUATED IN THE F. BERRY SURVEY,
ABSTRACT NO. 552, LOCATED IN LOCKHART, TEXAS. BEING ALL OF LOT 2,
BLOCK 1, TEXAS HERITAGE SUBDIVISION, CABINET B, SLIDE 54 OF THE MAP
AND PLAT RECORDS OF CALDWELL COUNTY, TEXAS.

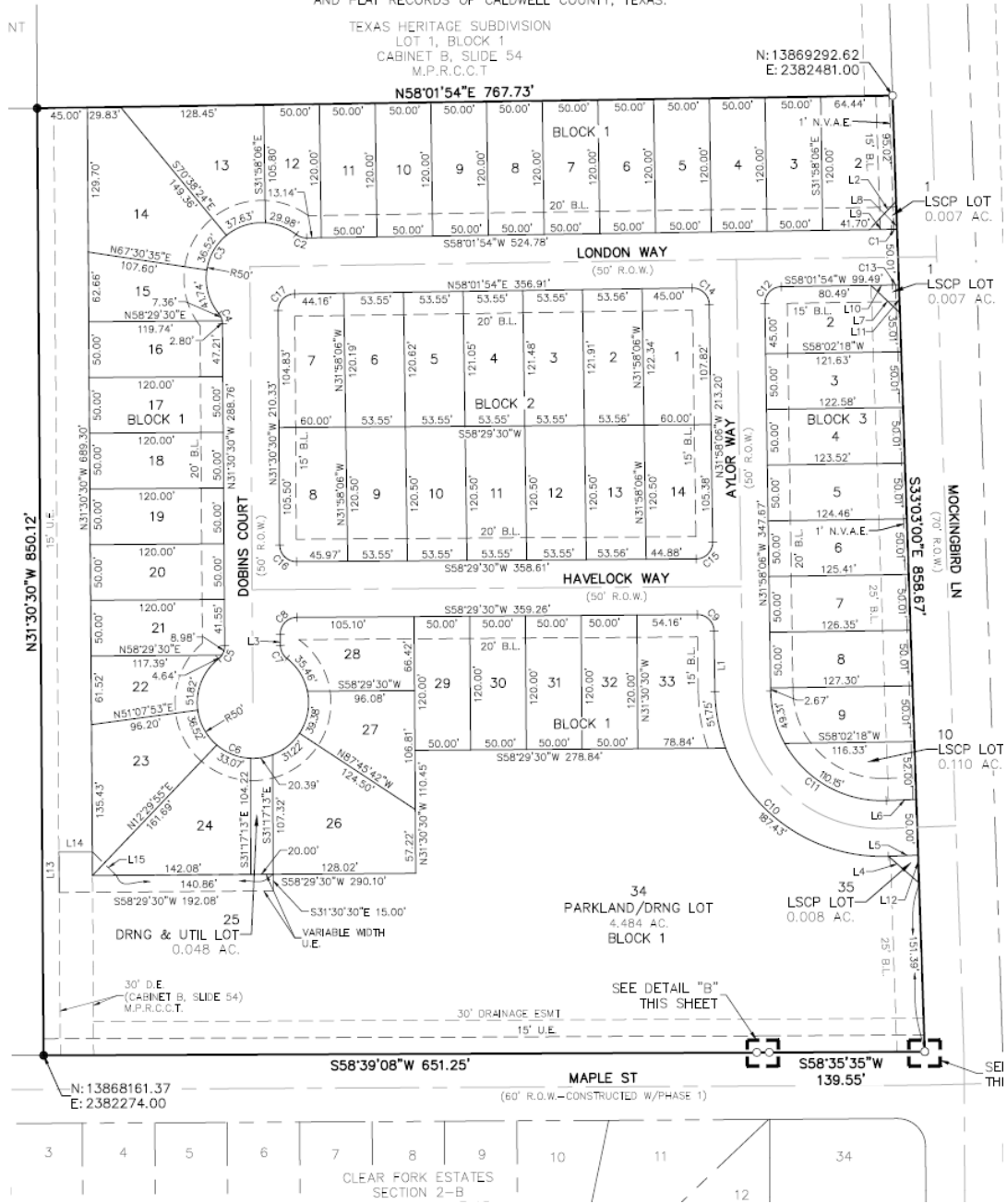


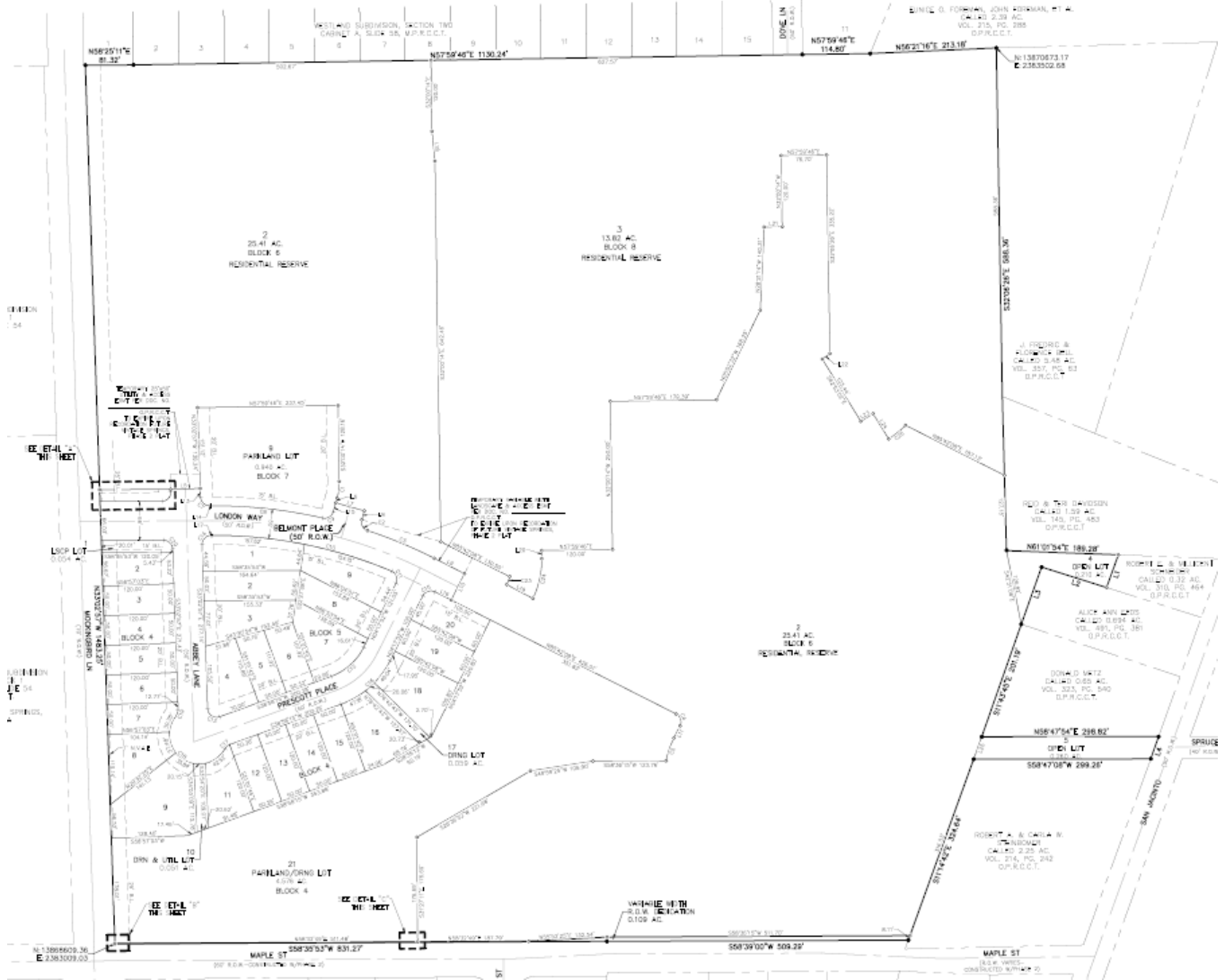
Exhibit "A"

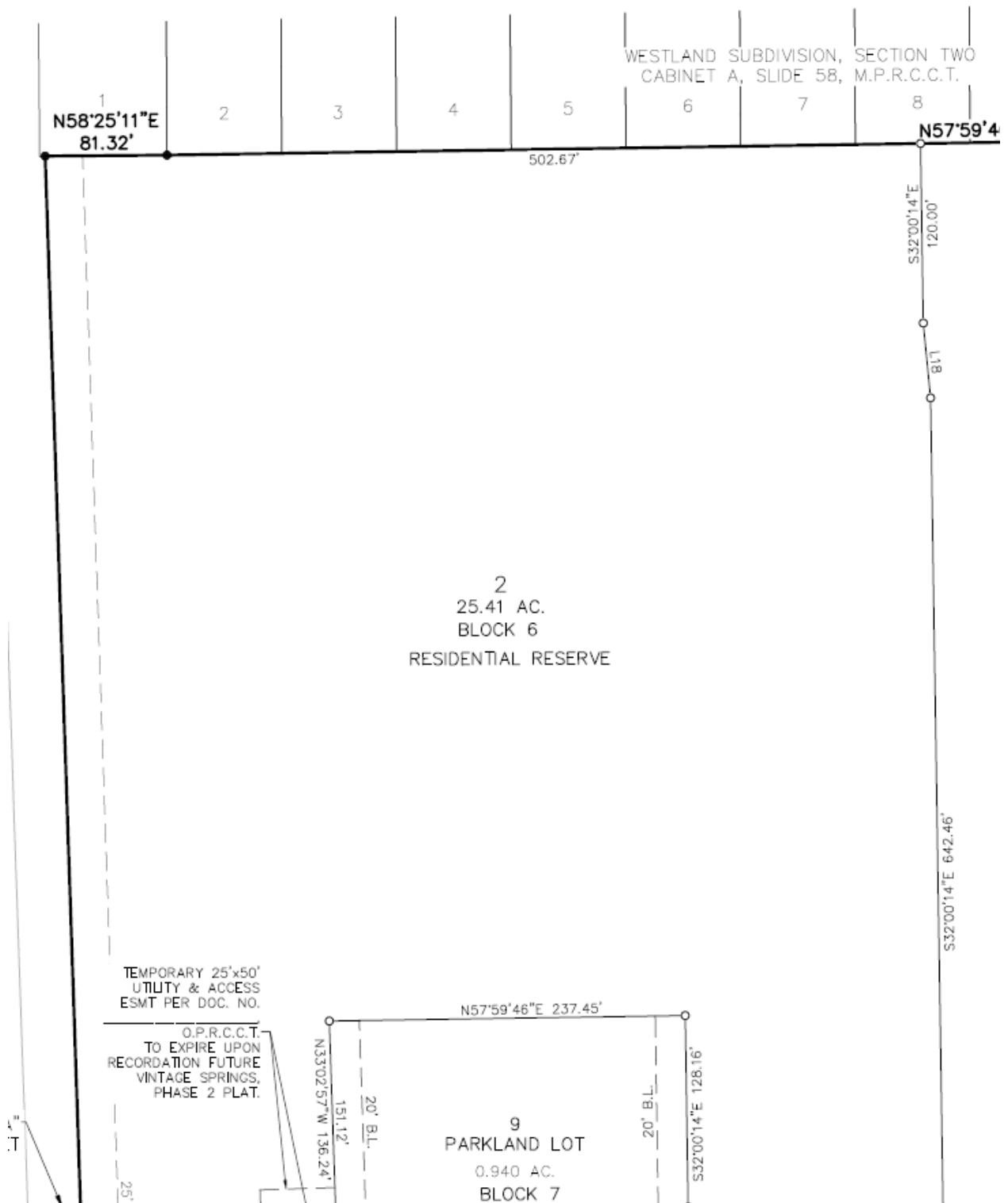
EXHIBIT "B"

The plat is as follows, and it is also shown in larger portions on the following pages.

FINAL PLAT OF VINTAGE SPRINGS SUBDIVISION, PLANNED DEVELOPMENT DISTRICT, PHASE ONE-B

BEING A PART OF LAND IN THE FIRST-TIER LOT
AND LOTS IN THE FIRST-TIER LOT OF THE
VINTAGE SPRINGS SUBDIVISION, PLANNED DEVELOPMENT DISTRICT,
COUNTY OF CALHOUN, TEXAS.





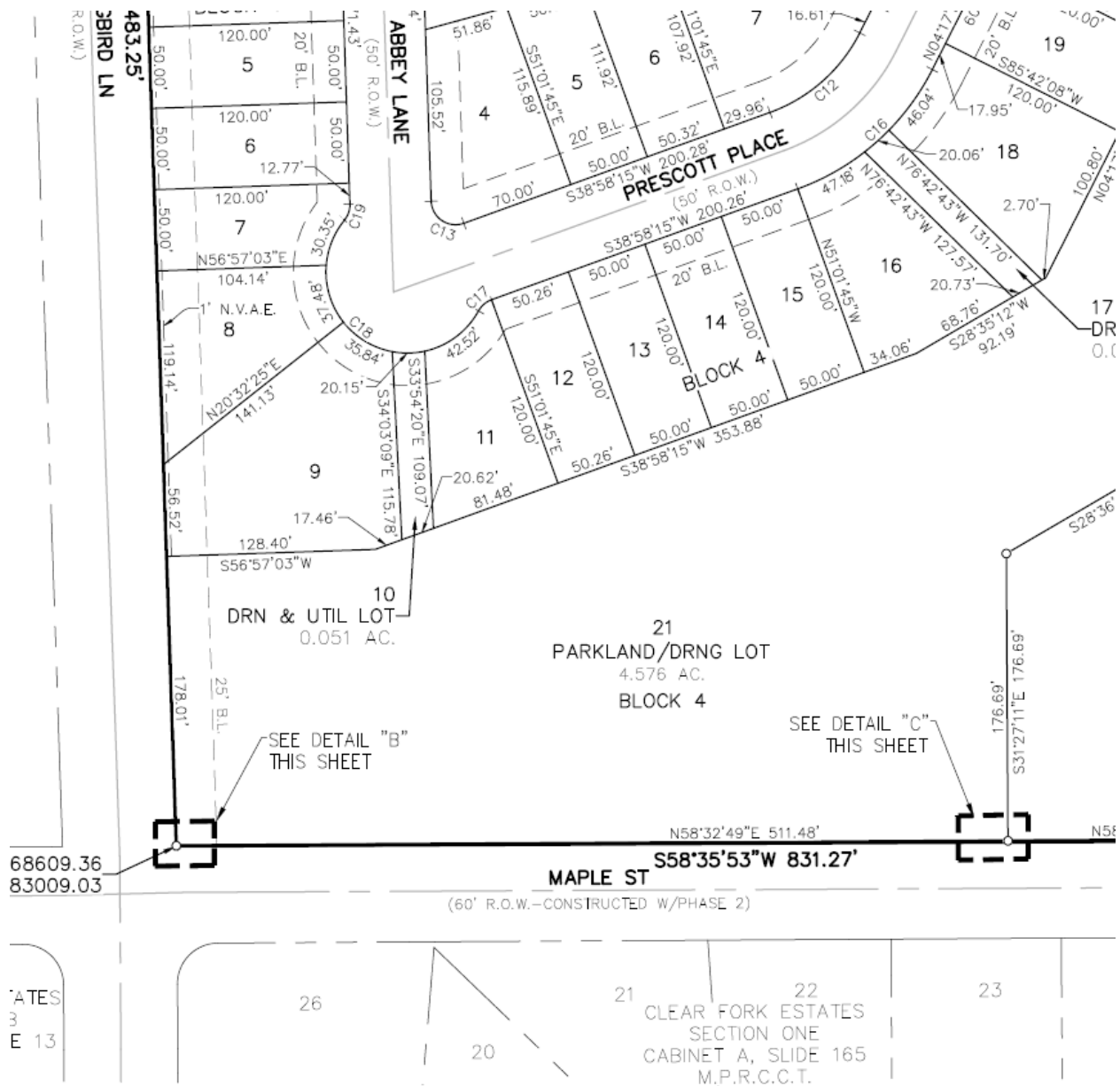


EXHIBIT "C"

General Depiction of Improvements



City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: November 17, 2020

AGENDA ITEM CAPTION:

Discussion and/or action to consider contract for solid waste service.

ORIGINATING DEPARTMENT AND CONTACT: Steve Lewis, City Manager

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

City of Lockhart began utilizing solid waste services with Central Texas Refuse (CTR) on April 3, 1988 with a 3-year contract. Since 1991, the contract with CTR was amended or extended prior to each expiration date, with the latest occurring in 2015. The current contract is dated January 2015 and was scheduled to expire on September 30, 2020. At CTR's request, the current contract was assigned to "CTR Acquisition Sub, LLC" on March 31, 2020 and was extended through March 31, 2021.

Staff recommends that Council consider options in regard to a solid waste management contract as follows: (1) utilize a 3-year extension with CTR; (2) direct negotiations with CTR to enhance contract; (3) seek competitive request for proposal (RFP); or, (4) conduct request for information (RFI) process (and then consider options 1, 2 or 3).

Staff requests direction on preparing for a new solid waste contract that will take effect on or before April 1, 2021 at the conclusion of the current assignment/transfer agreement with CTR.

AMOUNT & SOURCE OF FUNDING:

Finance Review initials _____

Funds Required:

Account Number:

Funds Available:

Account Name:

Previous Council Action: On March 31, 2020, Council approved the contract assignment to CTR Acquisition Sub, LLC.

STAFF RECOMMENDATION/REQUESTED MOTION: None. Staff seeks direction from the Council.

LIST OF SUPPORTING DOCUMENTS: Powerpoint providing an explanation about solid waste management.

Department Head initials:

City Manager's Review:

CITY OF
Lockhart
TEXAS

Solid Waste
Management

—
November 17, 2020

Introduction

- Regular collection and adequate disposal of solid waste
- A vital housekeeping task
- An evolving task due to more stringent environmental standards, rising costs, greater traffic congestion, available disposal sites

The collection system: Is there a single best way?

The collection system

Organization modes include:

- Municipal collection: Collection by city, using public employees and equipment under direction of city administration and elected officials
- Private contract collection: Collection by individuals or companies under agreements with each customer. Multiple solid waste providers may operate within a city, which does not play a role.
- Exclusive municipal contract (sometimes called franchise collection): Private collectors operate under an exclusive agreement with the city. All citizens must use the same provider, and the city receives a service fee that is described in the agreement.

The collection system

Under exclusive contract or franchise collection, a contract is in place that stipulates the methods, rates, equipment and operating practices. City staff are responsible for seeing the provisions of the agreement are filled.

Current approach:
Exclusive municipal
contract collection

Exclusive municipal contract collection

Advantages:

- Likelihood of more efficient and economical performance
- Maintenance of equitable services to all properties and avoidance of special services
- Collection costs are fixed, improving fiscal planning
- City receives compensation from the solid waste provider not available under other collection systems.

Exclusive municipal contract collection

Disadvantages:

- Danger of public health considerations sacrificed to profit
- Poor contractor response to complaints
- Limited span of contracts may induce excessively short amortization costs for equipment
- Increased contractor profits may result from savings for technological innovations, rather than being passed on to the public

Purpose of tonight's item

Request direction on preparing for a new solid waste contract that will take effect on or before April 1, 2021 at the conclusion of the current assignment/transfer agreement.

History

- The city's current contractor is Central Texas Refuse (CTR).
- Residential accounts (apartments and single-family homes): 4,365
- Non-residential accounts: 225
- Residential Curbside Recycling Accounts: 726
- Contractor provides weekly residential collection, annual city-wide cleanup and bulky item pickup on request.
- Contractor owns/replaces carts
- City bills/collects for services

History

- Relationship commenced on April 3, 1988 with a 3-year contract.
- Since 1991, the contract with CTR was amended or extended prior to each expiration date, with the latest occurring in 2015.
- The current contract is dated January 2015 and was scheduled to expire on September 30, 2020.
- At CTR's request, the current contract was assigned to "CTR Acquisition Sub, LLC" on March 31, 2020 and was extended through March 31, 2021.

Solid waste collection options

1. Utilize a 3-year extension with CTR
2. Direct negotiations with CTR to enhance contract
3. Competitive request for proposal (RFP) process
4. Request for information (RFI) process (and then consider options 1, 2 or 3)

Overview of options

Option 1: Utilize another 3-year extension

Comments:

- Good base contract since 1988 with the current vendor, CTR. Provides reliable service. Saves costs and management's attention to an RFI or RFP
- Items in the contract that are not addressed such as reduced transportation cost to new CTR-owned landfill, fully automated collection vehicles, other desired services.
- The current base contract has been in place 32 years.

Option 2: Direct negotiations with CTR

Comments:

- Good base contract since 2015. The current vendor, CTR, provides reliable service. Saves costs and management's attention of an RFP or RFI.
- Allows update to current agreement such as reduced transportation costs to new landfill, automated collection fleet, and other desired services.
- At least 32 years since services were competitively bid*

* Solid waste collection agreements may be awarded within the city limits without requiring competitive bids. The decision is left to each individual city as to the best manner to acquire these services.

Option 3: Competitive RFP

Comments:

- Provides multiple companies an opportunity to bid on a public contract
- Seen as a means of securing the best services at the lowest cost
- Allow city to examine options and ensure receipt of the best deal
- Costs in staff time and hiring a consultant to review and guide the specialized process

Option 4: RFI process

Comments:

- Enables city to explore service provider capabilities and options
- Explores trends and evolving opportunities in the industry
- Allows all contracting options to remain open
- Cost of staff time/consultant to complete the process

RFI vs. RFP

Information	Included in RFI	Included in RFP
Company history	Yes	Yes
Financial condition	No	Yes
Qualifications for services	Yes	Yes
Team qualifications	Yes	Yes
Priced packets	No	Yes
Trucks and equipment	No	Yes
Lead time to start	No	Yes
Interest in complete packet	Yes	N/A
Consultant needed	Possible	Yes

Next steps

- Current solid waste agreement expires March 31, 2021
- Select option to ensure an orderly transition to a new contract, or,
- Develop additional options

Activities associated with RFP process

- I. Procurement planning
- II. Preparing procurement documents
- III. Pre-proposal coordination and addendum preparation
- IV. Evaluation of proposals
- V. Facilitation of proposer interviews
- VI. Contract negotiations with vendors
- VII. Transition assistance if needed

Procurement planning

- Evaluation criteria and weighting
- Base and optional services
- Cart specifications, purchase, maintenance and ownership
- Performance standards
- Terms
- Customer service responsibilities
- Billing service responsibilities
- Public outreach

Prepare procurement documents

- Draft an RFP and contract

Pre-proposal coordination and addendum preparation

- Conduct pre-proposal meeting
- Issue addendums

Evaluation of proposals

- Complete a technical and financial review of proposals
- Review of respondents' experience

Facilitation of proposer interviews

- Participate in proposer interviews
- Develop questions for proposer interviewers

Facilitation of proposer interviews

- Participate in proposer interviews
- Develop questions for proposer interviewers

Final activities in RFP process

- Contract negotiations with vendor(s)
- Transition assistance (if needed)

City of Lockhart, Texas

Council Agenda Item

Briefing Data

COUNCIL MEETING DATE: November 17, 2020

AGENDA ITEM CAPTION:

Discussion and/or action to consider the Mayor's declaration of local disaster regarding requiring face coverings, and addressing other matters related to COVID-19, if necessary.

ORIGINATING DEPARTMENT AND CONTACT: Mayor Lew White and Steve Lewis, City Manager

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

On September 1, 2020, the City Council adopted Resolution 2020-20 renewing and adopting a requirement that commercial establishments in the City post a notice that facial coverings are a requirement of employees and persons entering such establishments. The requirement that such notice be posted shall remain in effect until terminated or amended by the City Council.

On October 7, 2020, Governor Greg Abbott issued Executive Order GA-32 to allow certain bars and similar establishments to operate at 50% capacity with permission from the County Judge. GA-32 increased the occupancy levels for all business establishments other than bars to 75%. GA-32 also provides that outdoor gatherings in excess of 10 people is prohibited unless the Mayor of the City in which the gathering is held, approves of the gathering, and such approval can be made subject to certain conditions or restrictions not inconsistent with GA-32.

Effective October 14, 2020 and pursuant to GA-32, Caldwell County Judge Hoppy Haden elected to allow bars or similar establishments to operate with in-person service up to 50% of the total listed occupancy, provided that the businesses follow the recommended minimum standard health protocols. Consistent with protocols for restaurants, all patrons must be seated while eating or drinking and must wear masks when they are not seated at a table. Additionally, tables must be limited to six individuals or less and all establishments must follow specific curfew guidelines. The COVID-19 safety protocols will be enforced through spot-checks by law enforcement and County officials. If an establishment is not following the protocols established by DSHS and Governor Abbot, it will be closed by the County Judge until further notice.

The consensus of the City Council has been to leave the social gathering limit at 10 individuals and to continue the requirement to post notice of the facial covering requirement.

Additional information providing updates of Caldwell County testing sites, COVID-19 vaccine distribution allocation plans, and CDC recommendations for Thanksgiving activities are provided.

This item is returned to Council for consideration, if necessary.

COMMITTEE/BOARD/COMMISSION ACTION: None.

STAFF RECOMMENDATION/REQUESTED MOTION: None.

LIST OF SUPPORTING DOCUMENTS:

Resolution 2020-20, GA-29, GA-32 and Press Release by Judge Hoppy Haden regarding Opening Bars that includes the Texas Department of State Health's Minimum Standard Health Protocols, Governor Abbott's press release regarding availability of COVID-19 treatments, CDC recommendations for celebrating Thanksgiving, and information about Caldwell County COVID-19 testing sites.

Department Head initials:

City Manager's Review:

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RESOLUTION NO. 2020-20

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS, RENEWING AND ADOPTING A REQUIREMENT THAT COMMERCIAL ESTABLISHMENTS IN THE CITY POST A NOTICE THAT FACIAL COVERINGS ARE REQUIRED OF PERSONS ENTERING SUCH ESTABLISHMENTS

WHEREAS, by amended Declaration of State Declaration of Local State of Disaster related to the Coronavirus pandemic, effective on June 25, 2020 at 11:59 p.m., the Mayor of Lockhart required all commercial entities in the City providing goods or services directly to the public to require, at a minimum, that all employees and visitors wear facial covering of the nose and mouth while on the commercial entity's business premises or other facilities except in certain circumstances; and

WHEREAS, the amended Declaration provided an attached notice of the requirement for facial coverings and ordered that it be posted at the entrances to each commercial establishment or other conspicuous location sufficient to provide notice to employees and visitors of all health and safety requirements; and

WHEREAS, by Executive Order GA-29 issued by the Governor of Texas, effective statewide July 3, 2020, every person in Texas was required to wear a face covering over the nose and mouth when inside a commercial entity or other building or space open to the public, or when in an outdoor public space, wherever it is not feasible to maintain six feet of social distancing from another person not in the same household, except in certain enumerated circumstances listed in the order; and

WHEREAS, the City Council of Lockhart desires to renew and adopt the requirement that the notice that was attached to the amended Declaration be posted at the entrances to each commercial establishment or other conspicuous location sufficient to provide notice to employees and visitors of the requirement for facial covering and other health-related rules, which notice was not required under GA-29;

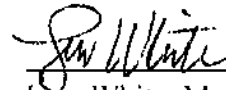
NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LOCKHART, that:

1. The foregoing recitals are adopted and incorporated herein for all purposes.

2. Effective immediately, a notice of the requirement for facial coverings, in the form attached, shall be posted in the City of Lockhart at the entrances to each commercial establishment or other conspicuous location sufficient to provide notice to employees and visitors of the requirement for facial coverings and other health and safety requirements.
3. The requirement that such notice be posted shall remain in effect until terminated or amended by the City Council of Lockhart.

APPROVED AND ADOPTED on this the 1st day of September 2020.

CITY OF LOCKHART



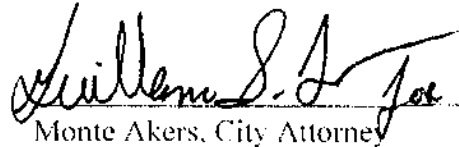
Lew White, Mayor

ATTEST:



Connie Constancio, City Secretary

Approved as to form:



Monte Akers, City Attorney

NOTICE

FACIAL COVERING REQUIRED

BY ORDER OF THE MAYOR OF LOCKHART UNDER THE TEXAS DISASTER ACT OF 1975:

All persons over the age of 10 entering, working, or visiting this establishment are required to wear covering over the nose and mouth for the purpose of slowing the spread of the COVID-19 virus and promoting the re-opening of the Lockhart economy.

Your cooperation is both critical and appreciated to protect public health and safety. We look forward to serving you with your mask.



AVISO

SE REQUIERE MASCARILLA

POR ORDEN DEL ALCALDE DE LOCKHART BAJO LA LEY DE DESASTRES DE TEXAS DE 1975:

Todas las personas mayores de 10 años que entren, trabajen o visiten este establecimiento están requeridos a cubrirse la nariz y la boca para el propósito de lentar el sparcimiento del virus de COVID-19 y promoviendo la reapertura de la economía de Lockhart.

Su cooperación es ambos críticos y apreciados para proteger la salud y la seguridad publica. Esperamos servirle con máscara.



Executive Order

BY THE
GOVERNOR OF THE STATE OF TEXAS

Executive Department
Austin, Texas
July 2, 2020

EXECUTIVE ORDER
GA 29

Relating to the use of face coverings during the COVID-19 disaster.

WHEREAS, I, Greg Abbott, Governor of Texas, issued a disaster proclamation on March 13, 2020, certifying under Section 418.014 of the Texas Government Code that the novel coronavirus (COVID-19) poses an imminent threat of disaster for all counties in the State of Texas; and

WHEREAS, in each subsequent month effective through today, I have renewed the disaster declaration for all Texas counties; and

WHEREAS, the Commissioner of the Texas Department of State Health Services (DSHS), Dr. John Hellerstedt, has determined that COVID-19 continues to represent a public health disaster within the meaning of Chapter 81 of the Texas Health and Safety Code; and

WHEREAS, I have issued executive orders and suspensions of Texas laws in response to COVID-19, aimed at using the least restrictive means available to protect the health and safety of Texans and ensure an effective response to this disaster; and

WHEREAS, as Texas reopens in the midst of COVID-19, increased spread is to be expected, and the key to controlling the spread and keeping Texans safe is for all people to consistently follow good hygiene and social-distancing practices; and

WHEREAS, due to recent substantial increases in COVID-19 positive cases, and increases in the COVID-19 positivity rate and hospitalizations resulting from COVID-19, further measures are needed to achieve the least restrictive means for reducing the growing spread of COVID-19, and to avoid a need for more extreme measures; and

WHEREAS, I have joined the medical experts in consistently encouraging people to use face coverings, and health authorities have repeatedly emphasized that wearing face coverings is one of the most important and effective tools for reducing the spread of COVID-19; and

WHEREAS, given the current status of COVID-19 in Texas, requiring the use of face coverings is a targeted response that can combat the threat to public health using the least restrictive means, and if people follow this requirement, more extreme measures may be avoided; and

WHEREAS, wearing a face covering is important not only to protect oneself, but also to avoid unknowingly harming fellow Texans, especially given that many people who go into public may have COVID-19 without knowing it because they have no symptoms; and

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SECRETARY OF STATE
2:30pm O'CLOCK

JUL 02 2020

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WHEREAS, the "governor is responsible for meeting ... the dangers to the state and people presented by disasters" under Section 418.011 of the Texas Government Code, and the legislature has given the governor broad authority to fulfill that responsibility; and

WHEREAS, failure to comply with any executive order issued during the COVID-19 disaster is an offense punishable under Section 418.173 by fine;

NOW, THEREFORE, I, Greg Abbott, Governor of Texas, by virtue of the power and authority vested in me by the Constitution and laws of the State of Texas, do hereby order the following on a statewide basis effective at 12:01 p.m. on July 3, 2020:

Every person in Texas shall wear a face covering over the nose and mouth when inside a commercial entity or other building or space open to the public, or when in an outdoor public space, wherever it is not feasible to maintain six feet of social distancing from another person not in the same household; provided, however, that this face-covering requirement does not apply to the following:

1. any person younger than 10 years of age;
2. any person with a medical condition or disability that prevents wearing a face covering;
3. any person while the person is consuming food or drink, or is seated at a restaurant to eat or drink;
4. any person while the person is (a) exercising outdoors or engaging in physical activity outdoors, and (b) maintaining a safe distance from other people not in the same household;
5. any person while the person is driving alone or with passengers who are part of the same household as the driver;
6. any person obtaining a service that requires temporary removal of the face covering for security surveillance, screening, or a need for specific access to the face, such as while visiting a bank or while obtaining a personal-care service involving the face, but only to the extent necessary for the temporary removal;
7. any person while the person is in a swimming pool, lake, or similar body of water;
8. any person who is voting, assisting a voter, serving as a poll watcher, or actively administering an election, but wearing a face covering is strongly encouraged;
9. any person who is actively providing or obtaining access to religious worship, but wearing a face covering is strongly encouraged;
10. any person while the person is giving a speech for a broadcast or to an audience; or
11. any person in a county (a) that meets the requisite criteria promulgated by

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the Texas Division of Emergency Management (TDEM) regarding minimal cases of COVID-19, and (b) whose county judge has affirmatively opted-out of this face-covering requirement by filing with TDEM the required face-covering attestation form—provided, however, that wearing a face covering is highly recommended, and every county is strongly encouraged to follow these face-covering standards.

Not excepted from this face-covering requirement is any person attending a protest or demonstration involving more than 10 people and who is not practicing safe social distancing of six feet from other people not in the same household.

TDEM shall maintain on its website a list of counties that are not subject to this face-covering requirement pursuant to paragraph number 11. The list can be found at: www.tdem.texas.gov/ga29.

Following a verbal or written warning for a first-time violator of this face-covering requirement, a person's second violation shall be punishable by a fine not to exceed \$250. Each subsequent violation shall be punishable by a fine not to exceed \$250 per violation.

Local law enforcement and other local officials, as appropriate, can and should enforce this executive order, Executive Order GA-28, and other effective executive orders, as well as local restrictions that are consistent with this executive order and other effective executive orders. But no law enforcement or other official may detain, arrest, or confine in jail any person for a violation of this executive order or for related non-violent, non-felony offenses that are predicated on a violation of this executive order; provided, however, that any official with authority to enforce this executive order may act to enforce trespassing laws and remove violators at the request of a business establishment or other property owner.

This executive order hereby prohibits confinement in jail as a penalty for the violation of any face-covering order by any jurisdiction.

Executive Order GA-28 is hereby amended to delete from paragraph number 15 the phrase: ". but no jurisdiction can impose a civil or criminal penalty for failure to wear a face covering."

The governor may by proclamation amend this executive order or add to the list of people to whom this face-covering requirement does not apply.

This executive order does not supersede Executive Orders GA-10, GA-13, GA-17, GA-19, GA-24, GA-25, GA-27, or GA-28 as amended. This executive order shall remain in effect and in full force until modified, amended, rescinded, or superseded by the governor.

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JUL 02 2020



Given under my hand this the 2nd
day of July, 2020.

A handwritten signature in black ink that reads "Greg Abbott".

GREG ABBOTT
Governor

ATTESTED BY:

A handwritten signature in black ink that reads "Ruth R. Hughes".

RUTH R. HUGHES
Secretary of State

FILED IN THE OFFICE OF THE
SECRETARY OF STATE
2:30pm O'CLOCK

JUL 02 2020

Hoppy Haden
County Judge
512 398-1808

Angela Rawlinson
County Treasurer
512 398-1800

Barbara A. Gonzales
County Auditor
512 398-1801

Caldwell County Courthouse
110 South Main Street
Lockhart, TX 78644
Fax: 512 398-1828



B.J. Westmoreland
Commissioner Precinct 1

Barbara Shelton
Commissioner Precinct 2

Edward "Ed" Theriot
Commissioner Precinct 3

Joe Ivan Roland
Commissioner Precinct 4

Judge Hoppy Haden to Open Bars In Caldwell County
October 9, 2020 | Caldwell County, Texas | Press Release

On Wednesday, Governor Greg Abbott issued an Executive Order to allow certain bars and similar establishments to operate at 50% capacity from permission from the County Judge. The Governor's Executive Order also increases the occupancy levels for all business establishments other than bars to 75%.

Effective October 14, 2020, Caldwell County Judge Hoppy Haden has elected to allow bars or similar establishments to operate with in-person service, provided that the businesses follow the recommended minimum standard health protocols. Under the newest order, dance floors at bars and similar establishments must remain closed. Consistent with protocols for restaurants, all patrons must be seated while eating or drinking and must wear masks when they are not seated at a table. Additionally, tables must be limited to six individuals or less and all establishments must follow specific curfew guidelines. The COVID-19 safety protocols will be enforced through spot-checks by law enforcement and County officials. If an establishment is not following the protocols established by Governor Abbott, it will be closed by the County Judge until further notice.

Opening bars does not mean that COVID-19 is no longer a threat. Caldwell County residents are still susceptible to the virus. As bars and similar businesses begin to open, we must all remain vigilant and show personal responsibility to protect ourselves and our community members. Please continue to observe recommended and common-sense safety practices in all public places.

A handwritten signature in blue ink, appearing to be "Hoppy Haden", is written over a horizontal line.

MINIMUM STANDARD HEALTH PROTOCOLS



CHECKLIST FOR BARS OR SIMILAR ESTABLISHMENTS

Effective October 14, 2020, the County Judge of each county may choose to opt in with the Texas Alcoholic Beverage Commission (TABC) to allow bars or similar establishments to operate with in-person service. Bars or similar establishments located in counties that have opted in may operate for in-person service up to 50% of the total listed occupancy inside the bar or similar establishment, but all customers must be seated while eating or drinking at the bar or similar establishment. There is no occupancy limit outdoors at a bar or similar establishment. Bar or similar establishment employees are not counted toward the occupancy limitation. For these purposes, bars or similar establishments are establishments with a permit from TABC that are not otherwise considered restaurants. All employees and customers must wear a face covering (over the nose and mouth) wherever it is not feasible to maintain 6 feet of social distancing from another individual not in the same household, except when seated at the bar or similar establishment to eat or drink.

The following are the minimum recommended health protocols for all bars or similar establishments choosing to operate in Texas. Bars or similar establishments may adopt additional protocols consistent with their specific needs and circumstances to help protect the health and safety of all employees, contractors, and customers.

The virus that causes COVID-19 can be spread to others by infected persons who have few or no symptoms. Even if an infected person is only mildly ill, the people they could spread it to may become seriously ill or even die, especially if they are 65 or older with pre-existing health conditions that place them at higher risk. Because of the concealed nature of this threat, everyone should rigorously follow the practices specified in these protocols, all of which facilitate a safe and measured reopening of Texas. The virus that causes COVID-19 is still circulating in our communities. We should continue to observe practices that protect everyone, including the most vulnerable.

Please note, public health guidance cannot anticipate or address every unique situation. Bars or similar establishments should stay informed and take actions based on common sense and wise judgment that will protect health and support economic revitalization. Bars or similar establishments should also be mindful of federal and state employment and disability laws, workplace safety standards, and accessibility standards to address the needs of both workers and customers.

Health protocols for serving your customers:

- Customers may not loiter at the bar or in commonly trafficked areas, and should remain seated at tables at the bar or similar establishment.
 - Only provide service to seated individuals, except as provided below.
 - Breweries, wineries, and distilleries may serve customers standing at a counter if the customers are sampling products from the establishment. Groups at the counter may not exceed 6 individuals, and must be separated from other groups by either 6 feet of separation or an engineering control such as a partition.
- Groups must maintain at least 6 feet of distance from other groups at all times, including while waiting to be seated in the bar or similar establishment. The 6 feet of distance between groups seated at different tables is not required if the bar or similar establishment provides engineering controls, such as a partition, between the tables.
 - A booth may be next to another booth as long as a partition is constructed between the booths, and that partition is at least 6 feet tall above ground level.
 - Tables should generally be at least 6 feet apart from any part of another table. However, a bar or similar establishment may have tables at least 4 feet apart from any part of another table, provided the bar or similar establishment uses a partition between the tables that is at least 6 feet tall and 6 feet wide.

MINIMUM STANDARD HEALTH PROTOCOLS



BARS OR SIMILAR ESTABLISHMENTS: Page 2 of 4

- As recommended by the bar and nightclub industry, keep dance floors closed. Activities that enable close human contact are discouraged.
- Pathways for patrons' ingress and egress should be clear and unobstructed.
- Designate staff to ensure customers maintain a 6-foot distance between groups if customers are waiting to enter the bar or similar establishment.
- A hand sanitizing station should be available upon entry to the establishment.
- No tables of more than 6 people.
- Dining:
 - Do not leave condiments, silverware, flatware, glassware, or other traditional table top items on an unoccupied table.
 - Provide condiments only upon request, and in single use (non-reusable) portions or in reusable containers that are cleaned and disinfected after each use.
 - Use disposable menus (new for each patron), or clean and disinfect reusable menus after each use.
 - If a buffet is offered, employees should serve the food to customers.
- Ensure spacing of individuals within the establishment to keep a 6-foot distance between individuals in different groups.**
 - Tables or chairs must be installed to seat all customers to maintain social distancing, and may not be moved.
 - Consider positioning an unoccupied table or other object adjacent to each occupied table, creating space to permanently maintain a 6-foot distance between groups.
 - Take orders from customers seated at a table or by web/phone application.
- Contactless payment is encouraged. Where not available, contact should be minimized. Both parties should wash or sanitize hands after the payment process.

Health protocols for your employees and contractors:

- Train all employees and contractors on appropriate cleaning and disinfection, hand hygiene, and respiratory etiquette.
- Screen employees and contractors before coming into the bar or similar establishment:
 - Send home any employee or contractor who has any of the following new or worsening signs or symptoms of possible COVID-19:

<ul style="list-style-type: none">- Cough- Shortness of breath or difficulty breathing- Chills- Repeated shaking with chills- Muscle pain- Headache	<ul style="list-style-type: none">- Sore throat- Loss of taste or smell- Diarrhea- Feeling feverish or a measured temperature greater than or equal to 100.0 degrees Fahrenheit- Known close contact with a person who is lab confirmed to have COVID-19
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MINIMUM STANDARD HEALTH PROTOCOLS



BARS OR SIMILAR ESTABLISHMENTS: Page 3 of 4

- Do not allow employees or contractors with the new or worsening signs or symptoms listed above to return to work until:
 - In the case of an employee or contractor who was diagnosed with COVID-19, the individual meets all three of the following criteria: at least three days (72 hours) have passed *since recovery* (resolution of fever without the use of fever-reducing medications); and the individual has *improvement* in symptoms (*e.g.*, cough, shortness of breath); and at least ten days have passed *since symptoms first appeared*; or
 - In the case of an employee or contractor who has symptoms that could be COVID-19 and does not get evaluated by a medical professional or tested for COVID-19, the individual should be assumed to have COVID-19, and the individual may not return to work until the individual has completed the same three-step criteria listed above; or
 - If the employee or contractor has symptoms that could be COVID-19 and wants to return to work before completing the above self-isolation period, the individual must obtain a medical professional's note clearing the individual for return based on an alternative diagnosis.
- Do not allow an employee or contractor with known close contact to a person who is lab-confirmed to have COVID-19 to return to work until the end of the 14-day self-quarantine period from the last date of exposure (with an exception granted for healthcare workers and critical infrastructure workers).
- Have employees and contractors wash or sanitize their hands upon entering the bar or similar establishment, and between interactions with customers.
- Have employees and contractors maintain at least 6 feet of separation from other individuals. If this distancing is not feasible, measures such as face covering, hand hygiene, cough etiquette, cleanliness, and sanitation should be rigorously practiced.

Health protocols for your facilities:

- Consider having an employee or contractor manage and control access to the bar or similar establishment, including opening doors to prevent attendees from touching door handles.
- Take steps to ensure 6 feet of social distancing is maintained at the bar or similar establishment between individual patrons, between patrons and waitstaff, and between patrons and bar items such as clean glassware and ice. Such separation may be obtained by ensuring bartenders remain at least 6 feet from customers at the bar, such as by taping off or otherwise blocking bartenders from being within 6 feet of a seated customer, or the use of engineering controls, such as dividers, to keep individuals and/or the bar separate from other individuals.**
- Regularly and frequently clean and disinfect any regularly touched surfaces, such as doorknobs, tables, and chairs.
- Regularly and frequently clean restrooms, and document the cleanings.
- Disinfect any items that customers contact.
- Make hand sanitizer, disinfecting wipes, soap and water, or similar disinfectant readily available to employees and customers.
- Consider placing [readily visible signs](#) at the bar or similar establishment to remind everyone of best hygiene practices.
- Clean and disinfect the area used by customers (*e.g.*, tables, chairs, etc.) after each group of customers depart, including the disinfecting of tables, chairs, stalls, and countertops.

MINIMUM STANDARD HEALTH PROTOCOLS



BARS OR SIMILAR ESTABLISHMENTS: Page 4 of 4

- Clean and sanitize the bar daily.
- For bars or similar establishments with more than 10 employees and/or contractors present at one time, consider having an individual wholly or partially dedicated to ensuring the health protocols adopted by the establishment are being successfully implemented and followed.
- TABC staff should monitor bars throughout the state of Texas to ensure compliance with these protocols. TABC has the authority to suspend any license that poses an immediate threat or danger to public safety. Failure to follow these protocols may result in a 30-day license suspension for the first infraction, and a 60-day suspension for a second infraction.

If you have video game equipment or other interactive amusements:

- Assign at least one employee or contractor full time to disinfect the video games and other interactive amusements. **Continuous disinfecting is needed to protect customers.**
- Disinfect all gaming equipment before and after customer use.
- Provide equipment disinfecting products throughout facility for use on equipment.
- Ensure only one player can play a game at a time.
- Provide for at least 6 feet of separation between games.

Health protocols for valet parking services:

- Take the temperature of each employee or contractor at the beginning of each shift.
- Utilize the following personal protective equipment for employees and contractors:
 - Cloth face coverings over the nose and mouth, or, if available, non-medical grade face masks over the nose and mouth
 - Single-use disposable gloves that are changed between every interaction with customers and/or vehicles
- Vehicle door handles, ignition switch, steering wheel, and shift knob should be wiped with disinfectant as the valet employee enters and exits the vehicle.
- All workstations and work equipment should be cleaned at the start and the end of each shift, as well as every hour during the shift. These workstations should include the valet podium, key storage locker, tablets, fee computers, receipt printers, etc.
- Valet parking operators should employ contactless payment whenever possible.
- For high-volume operations, appropriate physical distancing indicators should be established to ensure customers maintain at least 6 feet of distance as they wait for their vehicle.
- Where possible, alternative parking options should be provided for customers who are uncomfortable with valet parking.
- Wash or disinfect hands upon entering a business and after any interaction with employees, other customers, or items in the business.
- Make hand sanitizer, disinfecting wipes, soap and water, or similar disinfectant readily available to employees, contractors, and customers.
- Have employees and contractors maintain at least 6 feet of separation from other individuals.

Office of the Texas Governor | Greg Abbott

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[Home](#) [News](#) State Of Texas Prepared To Swiftly Distribute COVID-19 Treatments Becoming Available ()

State Of Texas Prepared To Swiftly Distribute COVID-19 Treatments Becoming Available

November 10, 2020 | Austin, Texas | [Press Release](#)

Governor Greg Abbott today announced that the State of Texas has prepared allocation plans to swiftly distribute medicines and vaccines that are now becoming available to treat COVID-19.

Yesterday was the first day of what will be many announcements in the coming weeks about the availability of medicines and vaccines to combat COVID-19.

On Monday, the U.S. Food and Drug Administration (FDA) authorized the immediate use of the first medical treatment developed for people who contract COVID-19. An antibody drug by Eli Lilly & Co., called bamlanivimab, has been shown to improve the symptoms of people who contract the virus and prevent hospitalizations.

The FDA said the drug is authorized for patients at high risk of progressing to severe COVID-19, including people 65 and older, or who have certain pre-existing medical conditions.

Lilly is expected to immediately ship approximately 80,000 doses across the country, including Texas, at no cost to the states. Lilly should have up to one million doses by the end of the year.

Similar to the Lilly antibody treatment, Regeneron Pharmaceuticals Inc. also has requested FDA emergency use authorization of its own COVID-19 antibody medical treatment to treat patients before they become seriously ill and aid in reducing hospitalizations, with an announcement of the FDA's decision expected soon. This is the same antibody drug that President Donald Trump took to quickly recover from COVID-19 last month.

The federal government has agreed to buy hundreds of thousands of doses of the two new treatment drugs and will be in charge of allocating supplies to the states, which will in turn determine distribution to hospitals and healthcare facilities. It is likely that the doses will be allocated to states and U.S. territories based on their share of hospitalized and infected patients.

These medical treatments are in addition to the announcement yesterday by Pfizer that its COVID-19 vaccine candidate achieved incredible success in an early analysis — demonstrating over 90% efficacy in preventing COVID-19. It is expected to become available as soon as late November.

The State of Texas has already prepared to distribute the COVID-19 vaccines and medical treatments.

The Department of State Health Services (DSHS) has already developed a Vaccine Distribution Plan and is working with health care providers to enroll in their Immunization Program to be eligible to administer these vaccines once available. Over 2,500 providers have already enrolled in the program. DSHS formed an Expert Vaccine Allocation Panel to develop vaccine allocation strategies.

The Texas Division of Emergency Management (TDEM) is prepared to assist the swift distribution of COVID-19 vaccines and treatments. In late October, TDEM hosted the State of Texas COVID-19 Vaccine Virtual Tabletop Exercise – over 1,000 local, state, federal, and non-governmental organization partners came together to test the state's vaccine support plan, understand its operational procedures, and examine their roles and responsibilities.

"Swift distribution of vaccines and medical treatments will begin to heal those suffering from COVID-19, slow the spread of the virus, and aid in reducing

hospitalizations of Texans," said Governor Abbott. "As we anticipate the arrival of COVID-19 vaccines and treatments, the State of Texas is prepared to quickly distribute those medicines to Texans who voluntarily choose to use them."

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Office of the Texas Governor

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Coronavirus Disease 2019 (COVID-19)

MENU >



Celebrating Thanksgiving

Updated Nov. 12, 2020 [Print](#)



Traditional Thanksgiving gatherings with family and friends are fun but can increase the chances of getting or spreading COVID-19 or the flu. Follow these tips to make your Thanksgiving holiday safer.

The safest way to celebrate Thanksgiving this year is to celebrate with people in your household. If you do plan to spend Thanksgiving with people outside your household, take steps to make your celebration safer.

Everyone Can Make Thanksgiving Safer

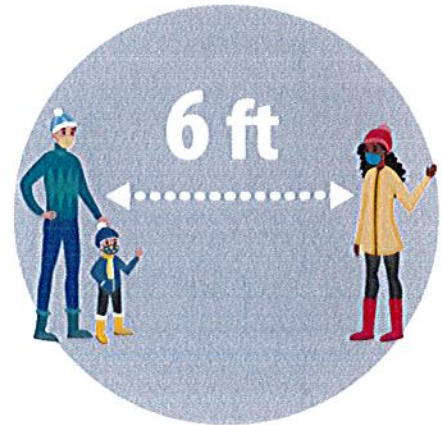
Wear a mask

- Wear a mask with two or more layers to stop the spread of COVID-19.
- Wear the mask over your nose and mouth and secure it under your chin.
- Make sure the mask fits snugly against the sides of your face.



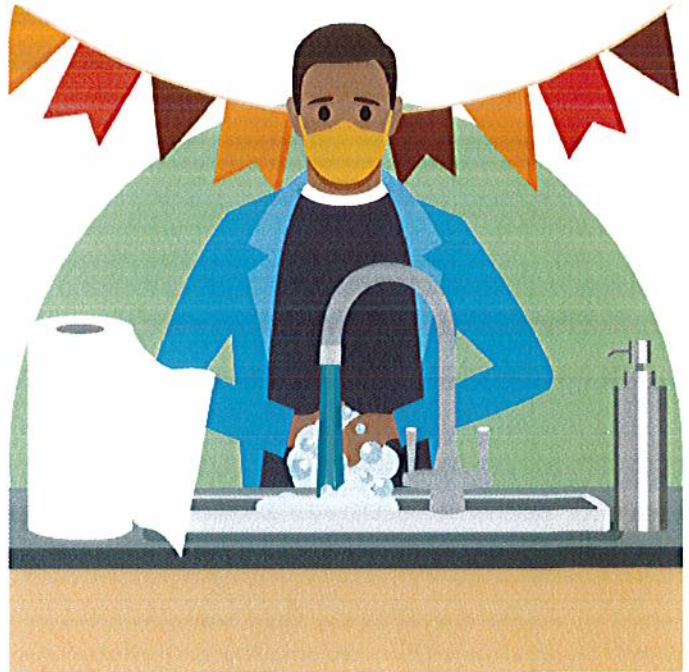
Stay at least 6 feet away from others who do not live with you

- Remember that some people without symptoms may be able to spread COVID-19 or flu.
- Keeping 6 feet (about 2 arm lengths) from others is especially important for people who are at higher risk of getting very sick.



Wash your hands

- Wash hands often with soap and water for at least 20 seconds.
- Keep [hand sanitizer](#) with you and use it when you are unable to wash your hands.
- Use hand sanitizer with at least 60% alcohol.



Attending a Gathering

Make your celebration safer. In addition to following the steps that everyone can take to make Thanksgiving safer, take these additional steps while attending a Thanksgiving gathering.

- Bring your own food, drinks, plates, cups, and utensils.
- Wear a mask, and safely **store your mask** while eating and drinking.
- Avoid going in and out of the areas where food is being prepared or handled, such as in the kitchen.
- Use single-use options, like salad dressing and condiment packets, and disposable items like food containers, plates, and utensils.



Hosting a Thanksgiving Gathering

If having guests to your home, be sure that people follow the steps that everyone can take to make Thanksgiving safer. Other steps you can take include:

- Have a small outdoor meal with family and friends who live in your community.
- Limit the number of guests.
- Have conversations with guests ahead of time to set expectations for celebrating together.
- Clean and disinfect frequently touched surfaces and items between use.
- If celebrating indoors, make sure to open windows.
- Limit the number of people in food preparation areas.
- Have guests bring their own food and drink.
- If sharing food, have one person serve food and use single-use options, like plastic utensils.



Thanksgiving Travel

Travel increases your chance of getting and spreading COVID-19. Staying home is the best way to protect yourself and others.

If you do travel

- Check travel restrictions before you go.
- Get your flu shot before you travel.
- Always wear a mask in public settings and on public transportation.
- Stay at least 6 feet apart from anyone who is not in your household.
- Wash your hands often or use hand sanitizer.



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- Avoid touching your mask, eyes, nose, and mouth.
- Bring extra supplies, such as masks and hand sanitizer.

Consider Other Thanksgiving Activities

Host a virtual Thanksgiving meal with friends and family who don't live with you

- Schedule a time to share a meal together virtually.
- Have people share recipes and show their turkey, dressing, or other dishes they prepared.

Watch television and play games with people in your household

- Watch Thanksgiving Day parades, sports, and movies at home.
- Find a fun game to play.



Shopping

- Shop online sales the day after Thanksgiving and days leading up to the winter holidays.
- Use contactless services for purchased items, like curbside pick-up.
- Shop in open air markets staying 6 feet away from others.

Other Activities

- Safely prepare traditional dishes and deliver them to family and neighbors in a way that does not involve contact with others (for example, leave them on the porch).
- Participate in a gratitude activity, like writing down things you are grateful for and sharing with your friends and family.



More Information

Connie Constancio

From: Hector Rangel <hector.rangel@co.caldwell.tx.us>
Sent: Friday, November 13, 2020 9:54 AM
To: Connie Constancio
Subject: Testing Sites

Good Morning All,

Caldwell County Office of Emergency Management is hosting a COVID-19 Test site in Lockhart and the date are as follows:

All dates or confirmed by TDEM and SOC

The dates for the COVID-19 starts:

Nov 16 thru Nov 24, 2020 / 8 AM to 2 PM

Nov 30 thru Dec 11, 2020 / 8 AM to 2PM

****Monday thru Friday testing only****

Address: 1403 Blackjack Street

Lockhart, Texas 78644

Type of Test: Mouth Swab / Drive thru / Results in 24 hours / **Cost is Free**

No Appointment Needed

Please see the Caldwell County of Emergency Management Facebook Page for more info tomorrow after 2PM.

Hector Rangel
Interim Chief HSEM
Caldwell County
512-398-1822
Email: hector.rangel@co.caldwell.tx.us

LIST OF BOARD/COMMISSION VACANCIES

Updated: August 13, 2020

Board Name	Reappointments/Vacancies	Council member
Board of Adjustment	One Alternate position	Any Councilmember

APPLICATIONS RECEIVED TO BE ON A BOARD/COMMISSION

APPLICANT	BOARD REQUESTED	DATE RECEIVED	RESIDENCE DISTRICT
Dennis McCown	LHPC	August 10, 2020	District 2
Anna Lowe	1 st pick - Planning & Zoning 2 nd pick – LHPC	August 13, 2020	Caldwell County Resident

<p>The following are NOTES regarding appointments to several boards that have certain criteria that should be met, such as qualifications or number to serve on the board. Boards that are not listed below have a seven member board and are open to any citizen without qualifications.</p>	
<p>NOTES: AIRPORT ADVISORY BOARD</p>	<p>Sec. 4-26. Membership; appointments. The Lockhart Airport Advisory Board shall be composed of seven members to be appointed in accordance with section 2-210. At least five members must currently be or have been flight rated, and two members may be appointed as at-large members. Members shall serve three-year terms, such terms coinciding with the council position making the appointment.</p> <p>Sec. 4-28. Eligibility for board membership. No person having a financial interest in any commercial carrier by air, or in any concession, right or privilege to conduct any business or render any service for compensation upon the premises of the Lockhart Municipal Airport shall be eligible for membership on the Lockhart Airport Advisory Board.</p> <p>Sec. 4-32. Limitations of authority. The Lockhart Municipal Airport Advisory Board shall not have authority to incur or create any debt in connection with airport operations; nor shall the board be empowered to enter into any contract, leases, or other legal obligations binding upon the City of Lockhart; nor shall the board have authority to hire airport personnel or direct airport personnel in the execution of their duties.</p>
<p>NOTES: CONSTRUCTION BOARD APPOINTMENTS</p>	<p><i>Section B101.4, Board Decision, is amended to read as follows:</i> The construction board of adjustments and appeals shall have the power, as further defined in Appendix B, to hear appeals of decisions and interpretations of the building official and consider variances of the technical codes; and to conduct hearings on determinations of the building official regarding unsafe or dangerous buildings, structures and/or service systems, and to issue orders in accordance with the procedures beginning with section 12-442 of this Code [of Ordinances].</p> <p><i>Section B101.2, Membership of Board, is amended to read as follows:</i> Each District Council member and the Mayor shall appoint one member to the Construction Board of Appeals making it a five (5) member board and each Councilmember at Large shall appoint an alternate. The term of office of the board members shall be three (3) years, such terms coinciding with the council position making the appointment. The two (2) alternates shall also serve the term coinciding with the council position making the appointments. Vacancies shall be filled for an unexpired term in the manner in which the original appointments are required to be made. Board members shall consist of members who are qualified by experience and/or training to pass on matters pertaining to building construction and are not employees of the City of Lockhart.</p>
<p>NOTES: ELECTRIC BOARD APPOINTMENTS</p>	<p>Sec. 12-132. Members. (a) Appointments to the examining and supervisory board of electricians and appeals shall conform to section 2-210 except that the board shall consist of five persons with one being appointed by each district council member and one by the mayor. Each member shall serve three-year terms with such terms to coincide with the council position making the appointment. (b) Each board member shall reside within the county and such board shall include one member who shall be a building contractor; one layman; two members shall be master electricians who are currently licensed by the city; and one member shall be either a building contractor or master electrician licensed by the city. There shall be two ex-officio members, one who shall be the city electrical inspector, and one shall be the fire marshal.</p> <p>Sec. 12-133. Officers and quorum. The members of the examining and supervising board of electricians and appeals shall select a chairman and secretary. A quorum shall consist of three members.</p>
<p>NOTES: HISTORIC PRESERVATION COMMISSION</p>	<p>Sec. 28-3. Historical preservation commission. (b) The commission shall consist of seven members, appointed by the city council in accordance with section 2-210, who shall whenever possible meet one or more of the following qualities: (1) A registered architect, planner or representative of a design profession, (2) A registered professional engineer in the State of Texas, (3) A member of a nonprofit historical organization of Caldwell County, (4) A local licensed real estate broker or member of the financial community, (5) An owner of an historic landmark residential building, (6) An owner or tenant of a business property that is an historic landmark or in an historic district, (7) A member of the Caldwell County Historical Commission.</p>
<p>NOTES: PARKS ADVISORY BOARD</p>	<p>Sec. 40-133. Members. (a) The board shall consist of seven members appointed in accordance with section 2-210 to serve three years terms, such terms to coincide with the council position making the appointment and two alternates shall also be appointed by the mayor and mayor pro-tem, one each. The two alternates shall also serve the term coinciding with the council position making the appointments. Vacancies shall be filled for an unexpired term in the manner in which the original appointments are required to be made. (Ordinance 06-08, adopted February 7, 2006)</p>

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<p>NOTES: Lockhart Economic Dev Corp</p>	<p>LEDC Bylaws – Article II. Board of Directors Section 1. Powers, Number and Term of Office a. The property and affairs of the Corporation shall be managed and controlled by a Board of Directors (The "Board") under the guidance and direction of the Lockhart City Council and, subject to the restrictions imposed by law, by the Articles of Incorporation, and by these Bylaws the Board shall exercise all of the powers of the Corporation. b. The Board shall consist of seven directors, each of whom shall be appointed by the City Council of the City. Each director shall occupy a place (individually the "Place" and collectively, the "Places") as designated herein. Places 1-4 are designated for Councilmember Directors from Councilmember Districts 1 through 4 respectively. In the event that a particular Councilmember from said District is unable or unwilling to serve in the capacity as a Director, that Councilmember shall have the right to nominate a non-councilmember for approval and appointment. Places 5-7 are designated for Citizen Member Directors. c. The directors constituting the first Board shall be those directors named in the Articles of Incorporation. Successor directors shall have the qualifications, shall be of the classes of directors, and shall be appointed to the terms set forth in the Articles of Incorporation. d. Any director may be removed from office by the City Council at will.</p>
<p>NOTES: ORDINANCE RE: ALL BOARD, COMMISSION APPOINTMENTS</p>	<p>Sec. 2-209. - Rules for appointment. The city council hereby sets the following rules: (1) Except as may be established by existing city ordinances/resolutions the process for selecting members shall be open to all Lockhart citizens, who must apply for appointment, to include those applying for reappointment. Reappointment shall not be deemed automatic. (2) Council shall seek to appoint the most qualified or best persons available, while also respecting the need for diverse community opinions. (3) No member of any appointed body shall serve on more than one quasi-judicial or advisory board or commission. (4) No appointed body shall deviate from its charge, deliberate items not on its agendas, or speak for the council or City of Lockhart without council authorization. (5) Subject to other qualifications as specifically required for membership on the below boards and commissions, the city council shall have the right (but not the duty) to appoint up to two members who are not Lockhart citizens but who are residents of Caldwell County to the Lockhart Airport Advisory Board, the Eugene Clark Library Board, and the construction board of appeals. Section 2-210. Method of selection; number of members; terms. (a) The mayor and city councilmembers shall nominate individuals to serve on boards and commissions. Each nomination shall then be confirmed by a simple majority of the entire city council. (b) Except as provided herein, there shall be seven members appointed to each board or commission corresponding with the seven members or places of the city council. Each city councilmember, except as provided herein, shall nominate a qualified person to serve in a place on an appointed body corresponding to their place on the council. At-large councilmembers shall be designated as places 5 and 6, and the mayor's position as place 7, for the purpose of this section. Nominations shall be made to fill vacant positions and/or positions whose terms have expired within 90 days of the event, such as a resignation or an election. Should any city councilmember fail to name an appointee to one of his/her corresponding places on any body within the above described 90 days, another councilmember shall then have the privilege to nominate a person to fill that same position, as described in subsection (a). However, once that position becomes vacant again for any reason, the appointment shall revert to the place corresponding with the original city council seat/place number for nominations. (c) Beginning with the election in May, 1998, the council shall nominate and confirm four members to serve in places 1, 2, 5, 6 on each board and commission in accordance with subsections (a) and (b) above, and with the standards set in Ordinance Number 97-09, Governance Policies. With the election of May, 1999, the remaining three places shall be filled following the same procedure as above. (d) Terms of service on appointed bodies shall be the same three-year terms as the councilmember who nominates a person to serve. However, a person may be appointed to complete the unexpired term of a vacant position, due to a resignation, for example. (e) When a person has completed a term, or terms, of service and will be vacating a place, that person may continue to serve until a replacement is nominated and confirmed by the city council. (f) At the discretion of the majority of the city council, one Caldwell County resident who is also an owner of real property within any local historic district may be appointed as a full member to the historical preservation commission. (g) Exceptions to the above regulations shall be all volunteer/special purpose/ad hoc committees appointed from time to time by the city council and the zoning board of adjustments, whose members shall serve two-year terms in accordance with V.T.C.A., Local Government Code § 211.008. All other provisions of this section, and ordinance number 97-09 which do not conflict with the chapters establishing these bodies shall be applicable. Sec. 2-212. Removal and resignation of members. (a) All board, commission and committee members serve at the pleasure of the city council and may be removed from office with or without cause at the discretion of the city council. (b) Board, commission and committee members may resign from office at any time by filing a written resignation, dated and signed by the member, with the City Secretary. Such resignation shall take effect upon receipt by the City Secretary without further action by the city council. If the city council appoints a new member to replace the resigned member, the new member shall be appointed to serve out the remainder of the resigned member's term.</p>

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<p>NOTES: PARKS MASTER PLAN STEERING COMMITTEE (Est. 09/05/2017)</p>	<p>Committee to have 8-10 members as follows:</p> <ul style="list-style-type: none"> • Councilmembers • City staff • Two Parks Advisory Board members • Business owners • Civic Organization members <p>Committee will assist Burditt Consultants to perform tasks outlined in the Parks Master Plan.</p>
<p>NOTES: AD-HOC COMMITTEE – ST. PAUL UNITED CHURCH OF CHRIST PROPERTY (Est. 09/05/2017)</p>	<p>Committee will consist of at least one appointment from Mayor and each Councilmember.</p> <p>The Committee will make recommendations to the Council about the use of the property at 728 S. Main.</p>
<p>NOTES: WAYFINDING SIGNAGE AND COMMUNITY BRANDING AD-HOC (Est. 01/02/2018)</p>	<p>Committee will assist City Planner/Development Services with wayfinding signage and community branding tasks.</p> <p>Committee will consist of up to five members appointed by the Council.</p> <p>NOTE: First Branding and Wayfinding Committee disbanded/dissolved on December 18, 2018.</p> <p>UPDATE: Second Branding and Wayfinding Committee appointed on March 5, 2019.</p>

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NOTES:
HOTEL
OCCUPANCY
TAX ADVISORY
BOARD
(Est. 12-3-
2019)

Sec. 54-127 MEMBERSHIP AND MEETING FREQUENCY

- a. The HOT Advisory Board should consist of five (5) members.
- b. Members shall consist of the following, the appointment of whom shall be confirmed by the City Council
 - i. A lodging facility representative;
 - ii. The City Manager or his/her designee;
 - iii. A former member of the City Council; and
 - iv. Two citizens nominated by Mayor.
- c. The HOT Advisory Board shall meet at least quarterly for allocation of funds and post-event reviews.
- d. Three Board members shall constitute a quorum.
- e. Each Board member shall serve a term of two years.
- f. Vacancies on the Board shall be filled by appointment by the City Council for the remainder of the existing term.

Sec. 54-128 PURPOSE AND RESPONSIBILITY

- a. The legislative functions of the city council shall in no way be delegated to the HOT Advisory Board. The HOT Advisory Board shall be considered a special purpose advisory committee.
- b. The purposes and responsibility of the HOT Advisory Board shall be:
 - i. To receive, review, and evaluate applications from organizations requesting HOT funds;
 - ii. To recommend allocation of HOT funds (as authorized by the Texas Tax Code, Chapter 351) to the City Council;
 - iii. To review the actual expenditures of HOT Funds;
 - iv. To offer suggestions for improvements or changes to the use or administration of HOT funds; and
 - v. To submit an annual report to the City Council that identifies approved expenditures by the City for the preceding year, reviews such approved expenditures in the context of compliance with state laws regarding the use of HOT funds, and evaluates the effectiveness of the approved HOT expenditures and the program.

Sec. 54-129 HOT FUND GRANT PROCESS AND POST-EVENT REPORTING

- a. Applications for funding will be considered at each meeting. Completed applications must be received ten (10) days prior to a meeting of the Board at which it will be reviewed.
- b. Applicants will be notified of the award of funds following approval by the City Council of the award, at which time one-half of approved funding will be awarded.
- c. The Board shall produce guidelines for approved applicants regarding a post-event report from each such applicant that demonstrates qualified expenditures
- d. A post-event report from each approved applicant is required in order for the applicant to receive final payment.

Sec. 54-130 HOT FUND GRANT PROCESS GUIDELINES.

In considering the grant of HOT Funds, the Board and City Council shall:

- i. Ensure that each funding requests for HOT revenues is for one or more statutorily defined purpose;
- ii. Establish and implement a policy of properly utilizing 100% of available HOT funds each year;
- iii. Consider whether funding should be based on a formula for pre-determined activities consistent with authorized uses (e.g. advertising, arts, signage, historical restoration/preservation);
- iv. Consider funding approaches that will allow for equitable funding
- v. opportunities for new as well as established events and activities; and
- vi. Consider eligibility criteria beyond the Tax Code requirements (e.g. limiting grants to 25% of the total event budget or disallowing/limiting use of HOT funds for events' programs that occur on a regular (e.g. monthly) basis.

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COUNCILMEMBER BOARD/COMMISSION APPOINTMENTS

Councilmember	Board/Commission	Appointee	Date Appointed
Mayor Lew White	Airport Board Board of Adjustment Construction Board Eco Dev. Corp. ½ Cent Sales Tax Electric Board Historical Preservation Library Board Parks and Recreation Planning & Zoning ETJ Rep-Impact Fee Adv Comm	John Hinnekamp Mike Annas Raymond DeLeon Alan Fielder, Vice-Chair Joe Colley, Chair John Lairsen Stephanie Riggins Albert Villalpando, Chair Paul Rodriguez Larry Metzler	12/19/17 12/19/17 06/04/19 12/19/17 12/19/17 12/19/17 12/19/17 12/19/17 12/19/17 12/19/17
District 1 – Juan Mendoza	Airport Board Board of Adjustment Construction Board Eco Dev. Corp. ½ Cent Sales Tax Electric Board Historical Preservation Library Board Parks and Recreation Planning & Zoning	Larry Burrier Lori Rangel Mike Votee Dyral Thomas Frank Gomillion Christine Ohlendorf Shirley Williams Linda Thompson-Bennett Chris St. Leger	03/07/17 03/07/17 12/17/19 12/17/19 12/17/19 06/02/20 12/17/19 03/07/17 12/17/19 CM McGregor on behalf of Councilman Mendoza
District 2– David Bryant	Airport Board Board of Adjustment Construction Board Eco Dev. Corp. ½ Cent Sales Tax Electric Board Historical Preservation Library Board Parks and Recreation Planning & Zoning	Todd Blomerth Juan Juarez Oscar Torres Umesh Patel James Briceno Ron Faulstich Quartermetra Hughes James Torres Manuel Oliva	05/05/20 10/20/20 10/20/20 10/20/20 10/20/20 10/20/20 10/20/20 10/20/20 10/20/20

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COUNCILMEMBER BOARD/COMMISSION APPOINTMENTS

District 3 – Kara McGregor	Airport Board Board of Adjustment Construction Board Eco Dev. Corp. ½ Cent Sales Tax Electric Board Historical Preservation Library Board Parks and Recreation Planning & Zoning	Ray Chandler Anne Clark, Vice-Chair Kirk Smith (Alternate) Jerry West, Vice-Chair Sally Daniel John Voigt Ronda Reagan Jean Clark Fox, Chair Warren Burnett Philip McBride, Chair	02/06/18 12/19/17 12/05/17 01/02/18 06/18/19 09/03/19 12/19/17 12/19/17 12/05/17 12/19/17
District 4 - Jeffry Michelson	Airport Board Board of Adjustment Construction Board Eco Dev. Corp. ½ Cent Sales Tax Electric Board Historical Preservation Library Board Parks and Recreation Planning & Zoning	Mark Brown, Vice-Chair Wayne Reeder Rick Winnett Morris Alexander Ian Stowe Michel Royal Donaly Brice Russell Wheeler Rick Arnic	03/07/17 12/05/17 12/05/17 12/05/17 03/06/18 07/07/20 12/05/17 12/05/17 01/15/19
Mayor Pro-Tem (At-Large) – Angie Gonzales-Sanchez	Airport Board Board of Adjustment Construction Board Eco Dev. Corp. ½ Cent Sales Tax Historical Preservation Library Board Parks and Recreation Planning & Zoning	Andrew Reyes Laura Cline, Chair Paul Martinez Alfredo Munoz Ray Ramsey Jodi King Chris Schexnayder Philip Ruiz, Vice-Chair	01/07/20 01/07/20 01/07/20 01/07/20 07/07/20 01/07/20 03/07/17 01/07/20

h4

COUNCILMEMBER BOARD/COMMISSION APPOINTMENTS

<p>At-Large - Brad Westmoreland</p>	<p>Airport Board Board of Adjustment Construction Board (Alternate) Eco Dev. Corp. ½ Cent Sales Tax Historical Preservation Library Board Parks and Recreation Planning & Zoning</p>	<p>Jayson "Tex" Cordova Severo Castillo Gary Shafer Frank Estrada Richard Thomson Rebecca Lockhart Dennis Placke Brad Lingvai</p>	<p>02/04/20 02/04/20 02/04/20 02/04/20 02/04/20 02/04/20 02/04/20 02/04/20</p>
	<p>Charter Review Commission (Five member commission) Term - 24 months after appointment</p>	<p>Ray Sanders Bill Hernandez Roland Velvin Elizabeth Raxter Alan Fielder</p>	<p>03/01/16 - Michelson 03/01/16 - Michelson 03/01/16 - Michelson 03/01/16 - Hilburn 03/15/16 - Hilburn</p>
	<p>Sign Review Committee (no longer meeting)</p>	<p>Gabe Medina Neto Madrigal Terry Black Kenneth Sneed Johnny Barron, Jr. Tim Clark</p>	<p>03/17/15 - Mayor Pro-Tem Sanchez 04/21/15 - Councilmember Mendoza 12/19/17- Councilmember McGregor 03/17/15 - Mayor White 03/17/15 - Councilmember Castillo 03/17/15- Councilmember Michelson</p>
	<p>Parks Master Plan Steering Committee (8-10 members)</p>	<p>Albert Villalapando Dennis Placke Nita McBride Rebecca Pulliam Bernie Rangel Derrick David Bryant Beverly Anderson Carl Ohlendorf Beverly Hill</p>	<p>09/05/17 - Parks Bd appointee 09/05/17 - Parks Bd appointee 12/05/17- McGregor 09/19/17- Michelson 09/19/17 - Castillo 09/19/17 - Sanchez 09/19/17 - Mendoza 09/19/17 - Westmoreland 09/19/17 - Mayor White</p>

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COUNCILMEMBER BOARD/COMMISSION APPOINTMENTS

	<p>Church Property Ad-hoc Committee (7 members)</p>	<p>Amelia Smith Jackie Westmoreland Todd Blomerth Andy Govea Terry Black Jane Brown Raymond DeLeon Dyral Thomas</p>	<p>09/05/17 - Westmoreland 09/05/17 - Westmoreland 09/05/17 - Mayor White 09/19/17 - Sanchez 12/19/17 - McGregor 09/19/17 - Michelson 09/20/17 - Castillo 09/22/17 - Mendoza</p>
	<p>Wayfinding Signage and Community Branding Ad-Hoc Committee (5 members)</p> <p>THIS COMMITTEE WAS - RE-ESTABLISHED ON MARCH 5, 2019</p>	<p>Roy Watson Ronda Reagan Sally Daniel Rob Ortiz Bobby Herzog</p>	<p>03/05/19 03/05/19 03/05/19 03/05/19 03/05/19 Appointed by Mayor with consensus of Council</p>
	<p>HOT Advisory Bd</p>	<p>Ray Sanders Alfredo Munoz Archana "Archie" Gandhi Roxanne Rix Steve Lewis and Pam Larison Sally Daniel (Alternate) Janet Grigar (Alternate)</p>	<p>All members appointed by consensus of the Council on 12/03/2019</p>

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City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: November 17, 2020

AGENDA ITEM CAPTION:

Discussion and/or action to consider Resolution 2020-27 canvassing the General Election held November 3, 2020 for the election of Mayor; Councilmember District 3; and Councilmember District 4.

ORIGINATING DEPARTMENT AND CONTACT: Connie Constancio, City Secretary

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

The Resolution provides the final results to canvass the November 3, 2020 City of Lockhart General Election. The Oath of Office will be administered to each of the newly elected officials immediately after the canvass.

PROJECT SCHEDULE (if applicable): N/A

AMOUNT & SOURCE OF FUNDING: (to be completed by Finance)

Funds Required: N/A
Account Number: N/A
Funds Available: N/A
Account Name: N/A

Previous Council Action: N/A

COMMITTEE/BOARD/COMMISSION ACTION: N/A

STAFF RECOMMENDATION/REQUESTED MOTION:

Staff recommends approval of Resolution 2020-27, as presented.

LIST OF SUPPORTING DOCUMENTS:

Resolution 2020-27 and election results as provided by the Caldwell County Elections Administrator.

Department Head initials:

cc

City Manager's Review:



RESOLUTION 2020-27

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS, CANVASSING THE GENERAL ELECTION HELD NOVEMBER 3, 2020 FOR THE ELECTION OF MAYOR; COUNCILMEMBER DISTRICT 3; AND COUNCILMEMBER DISTRICT 4.

WHEREAS, the City Council of the City of Lockhart, Texas, ordained that an election be held within the City of Lockhart on the 3rd day of November 2020, for the purpose of electing Mayor; Councilmember District 3; and Councilmember District 4; and,

WHEREAS, the City Council of the City of Lockhart, Texas, desires to canvass returns and declare the results of an election held in the City of Lockhart on the 3rd day of November 2020; and,

WHEREAS, it is hereby found and determined that said election was held in accordance with the authorizing proceedings, that notice of election was duly given in the form, manner, and the time required by law, and that said election was in all respects legally held and conducted in accordance with the laws of the State of Texas applicable thereto; and,

WHEREAS, the returns of the said election have been made to this governing body and said returns, duly and legally made, shows the following votes were cast for Mayor, Councilmember in District 3; and Councilmember in District 4 as follows:

		ABSENTEE	EARLY VOTING	ELECTION DAY	TOTAL
MAYOR	Juan Alvarez, Jr.	68	569	138	775
	John G. Castillo	142	1,021	238	1,401
	Andy Cardenas	19	238	42	299
	Lew White	294	1,917	243	2,454
DISTRICT 3	Kara McGregor	141	1,204	124	1,469
DISTRICT 4	Jeffry Michelson	82	1,006	155	1,243

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THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS THAT:

Section 1. All of the recitals contained in the preamble of this resolution are found to be true and are adopted as findings of fact by this governing body and as part of its judgment.

Section 2. It is further found and determined that the results of the election as canvassed and tabulated in the preamble hereof reflect the expressed desires of those persons voting at said election.

Section 3. A majority of the resident qualified electors voting at said election elected the following individuals as Mayor, Councilmember for District 3; and, Councilmember for District 4 on the Lockhart City Council of the City of Lockhart, Texas:

Mayor: Lew White
Councilmember District 3: Kara McGregor
Councilmember District 4: Jeffry Michelson

PASSED, APPROVED and ADOPTED this the 17th day of November 2020.

CITY OF LOCKHART

Lew White
Mayor

ATTEST:

APPROVED AS TO FORM:

Connie Constancio, TRMC
City Secretary

Monte Akers
City Attorney

City of Lockhart
2020 General Election
November 3, 2020

FINAL REPORTS
Election Summary
Caldwell County

Mayor Lockhart
Vote For 1

	TOTAL	Absentee	Early Voting	Election Day
Juan Alvarez, Jr.	775	68	569	138
John G. Castillo	1,401	142	1,021	238
Andy Cardenas	299	19	238	42
Lew White	2,454	294	1,917	243
Total Votes Cast	4,929	523	3,745	661
Contest Totals	5,216	577	3,939	700
Precincts Reporting	14 of 14			

Councilmember District 3 Lockhart
Vote For 1

	TOTAL	Absentee	Early Voting	Election Day
Kara McGregor	1,469	141	1,204	124
Total Votes Cast	1,469	141	1,204	124
Contest Totals	1,734	213	1,379	142
Precincts Reporting	3 of 3			

Councilmember District 4 Lockhart
Vote For 1

	TOTAL	Absentee	Early Voting	Election Day
Jeffrey Michelson	1,243	82	1,006	155
Total Votes Cast	1,243	82	1,006	155
Contest Totals	1,511	134	1,197	180
Precincts Reporting	4 of 4			

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City of Lockhart

2020-2021 Strategic Priorities

Prepared by:



City of Lockhart

Summary

On January 17 & 18, 2020 the City of Lockhart hosted two half-day planning sessions to develop goals and strategies for the next 2 years. Some of these goal areas were internal, whereas others were external. The following is the process used to reach the conclusions for the plan.

The process began with a preliminary phone meeting between the facilitator and Steve Lewis, City Manager, to go over key issues facing the City, understand the programs and projects underway through the community, and to prepare the agenda and format for the planning retreat.

The first portion of the strategic planning process began on Friday, January 17, 2020 with the City Manager and the City of Lockhart Management Team. The facilitator began by asking the Management Team participants what their expectations for discussion for the day were. She then conducted a group brainstorm exercise called Start/Stop/Continue that lists the things that need to begin happening, stop happening, and are mission-critical and must continue regardless of circumstances.

The facilitator then guided the Management Team through 2020-2021 goal and strategy development to recommend to the City Council the following day.

On Saturday, January 18, 2020, the City Council and City Manager convened to review, revise, and establish priorities related to the recommendations generated the day before by the Management Team. Prior to the review, the facilitator asked the City Council to list their expectations for discussion for the day.

The following are the results.

Management Team Expectations for the Day's Discussion Topics

- Holistic view of the City
- Understanding other departments better
- Council to continue to be open to new ideas
- As the city grows, facilities and staff must keep up
- Next comprehensive master plan
- Establish an IT 3-5-year plan to keep current
- Replace phone systems and phone equipment
- Discuss records storage
- What is there for teens and tweens to do?
- Need administrative assistance
- Public Information Officer – keep information on point, factual, and streamlining voice: sharing voice vs. many voices
- Law enforcement: recruitment and administrative assistance
- Stick to implementing plan
- Fire equipment replacement plan and funding
- Achieve “needs” so we can work on “wants” for the future
- Customer service needs additional staff – same staffing level as 1000 accounts ago
- Technology training needed in Library (provide for public)
- Additional Library storage needed
- Electric services study needed and replace needed items
- Salary and compensation study to begin soon – want council to support and fund the results of the study

City Council Expectations for the Day's Discussion Topics

- Improve work environment for staff
- Accomplish unfinished business from last strategic plan
- 142 & I-130 development
- Low-hanging fruit and larger longer-term goals
- Eliminate the red tape
- Look ahead to see what's next
- Balance citizen needs and staff needs
- Keep on track
- Prepare for quality growth
- Neighborhood beautification
- City Hall facilities
- Discuss hospital/after-hours clinic
- Hear staff recommendations

Start/Stop/Continue

The facilitator guided the Management Team through an exercise that challenged them to brainstorm things that the City really needed to begin doing, what they should stop doing that could be a waste of resources, and what must they continue doing, regardless of circumstances. Below are their responses. Note that there are no right or wrong items; these are merely individuals' opinions about the things that should and shouldn't change in Lockhart. Just because one person has a certain opinion on a topic, that does not imply anyone else shared that opinion.

Start

- Long-term street paving plan (paving/resurfacing)
- Electrical system study
- Formal grantsmanship program
- Records storage facility
- Digitize public works and utility records/maps
- Establish fee schedule for fire plan reviews and inspections
- Review development related fees
- Improve customer service at Police Department and Utilities Department by increasing administrative staff
- Start a Main Street Program
- New City facilities (abolish sewer smell)
- Consider a 4-day/10-hour work week option
- Annual review of facility maintenance, i.e. HVAC systems, etc.
- Make Parks Department into Parks and Recreation Department (start recreation program)
- Review and fund vehicle replacement fund
- Expand/improve airport facilities
- Figuring out how to generate more general fund revenues to pay for items on this “start” list

Stop

- Printing reports – use digital reports when we can
- The waste in Archives
- Excessive paperwork related to personnel (consider paper reduction techniques instead)
- Making new employees wait 6 months to take time off/sick days/etc (other cities do 3 months)
- Excessive engine idling of city vehicles
- Worrying about other departments and focus on making your own team better
- Picking up commercial recycling for free
- Hanging highway banners for free
- Circulating city council department head reports monthly (do quarterly instead)
- Workshop portion of council meetings unless needed (they run too long)
- Referencing the past as “we have always done it that way” (we can be more innovative)

Continue

- Effective communication with customers/website
- Planning for the future
- Maintaining hiring standards
- Improving community amenities finding external funding sources
- Succession planning and cross-training
- Staff meetings
- Learning new ways of doing things
- Employee longevity and retention efforts
- Good customer service
- Acknowledging staff accomplishments
- Great teamwork
- Parks improvements/parks master plan
- Efforts on wayfinding program
- Replacing aged power lines
- Planning and engineering for downtown paving and drainage improvements
- Providing utilities to areas of anticipated future growth and development
- Planning for future industrial parks
- Accreditation for Police and Fire Departments

Recommendations from Staff:

The following items were recommendations from staff to city council. Items that have a checkbox (R) had agreement of city council the following day. The one item with no checkbox was rolled to consideration for 2022.

- Create and adopt 5-7-year paving/resurfacing plan (roads and sidewalks)
- Lockhart Police Department to conduct Active Shooter training for all City staff and elected officials and review official safety procedures for council meetings
- Explore asking the county for grant writer assistance
- Establish fee schedule for fire plan reviews and inspections
- Considering increasing existing fees for applications and development fees
- Develop an Airport Business Plan
- Research options for additional records storage
- Transition staff department reports from monthly to quarterly
- Pursue agenda management process and software
- Streamline paper processes where possible/evaluate software options
 - Utility billing
 - Applications
 - Council, boards, commissions:
 - Packets
 - Minutes




Goal Development from City Council:

The following items were items identified by council to move forward on for 2020-2021:




- Establish a Hospital with an Emergency Room in town
- Sell church property
- Create resources via Lockhart EDC for proactive outreach to quality builders for additional housing
- Create a Youth Advisory Board to explore options around youth programs/activities
- Adopt a TIF (tax increment financing) policy prior to project being submitted
- Implement downtown drainage improvements
- Develop fiber down 142, 183, and the Central Business District
- Traffic safety improvements: turn lanes and traffic lights
- Consider submitting a multi-year street bond program to voters
- Begin TXDOT safety projects
- Promote a Neighborhood Watch Program
- Promote beautification projects through teamwork
- Clean up trash/enforcement
- Enhance lower income districts/beautification efforts









Progress Reporting

The following icons are used to document progress of the following goals and strategies:

 = Completed
 = On Target or In Progress
 = Not on Target

Goal 1: Economic Development / Planning

Strategies	2019-2020 Progress	2020-2021 Progress
1. Continue to partner with LISD and local youth organizations to encourage careers in local emergency services (Fire and Police)	 Partner with Boy Scouts to develop Police Explorer Program. Fire personnel attend and participate in LISD career days.	
2. Better collaborate with downtown stakeholders and both Chambers of Commerce		
3. Complete updating our development ordinances	 Revised Engineering Standards – presented to Council January 2020. Subdivision Regulations to follow.	







<p>4. Consider development tools to facilitate attraction / recruitment to SH 130 corridor</p>	 IEDC business park development study completed. Future consideration by LEDC.	
<p>5. Bring utilities, assist assembling parcels, rezoning tracts along SH 130/142 and become shovel-ready</p>	 Mostly done. Site development will facilitate the remainder.	
<p>6. Pursue prospects and developers and create a BRE (business retention and expansion) program</p>	 Hiring a second Economic Development practitioner.	
<p>7. Start investing in more property for growth</p>	 IEDC study.	
<p>8. Explore next industrial park</p>	 IEDC study.	
<p>9. HOT (Hotel Occupancy Tax) Funds – board to develop and adopt new process to collect payments from B&Bs</p>	 HOT Advisory Board created. Board training and funding processes under review.	
<p>10. Adopt and implement the Economic Development Strategic Plan (currently underway by Garner Economics) by Q4 2020</p>	 LEDC Board hired Garner Economics January 2020	
<p>11. Robust LEDC website</p>	 Underway with EDsuite contract.	
<p>12. Create resources via Lockhart EDC for proactive outreach to quality builders for additional housing</p>	<p><i>N/A Brand new/created in 2020</i></p>	

Strategies	2019-2020 Progress	2020-2021 Progress
13. Adopt a TIF (tax increment financing) policy prior to project being submitted	<i>N/A Brand new/created in 2020</i>	
14. Develop fiber down 142, 183, and the Central Business District	<i>N/A Brand new/created in 2020</i>	

Goal #1 KPIs / Metrics:

- Did we partner with LISD & other youth organizations to encourage emergency services careers?
- Did we collaborate with downtown stakeholders and both Chambers of Commerce?
- Did we completely update our development ordinances?
- Did we brainstorm development tools for SH-130 development?
- Did we bring utilities and assemble parcels along SH-130?
- Did we develop shovel-ready development sites?
- Did we market those sites to prospective investors?
- Did we develop plans for our next industrial park?
- Did we revamp the way HOT funds are structured?
- Did we develop and implement an Economic Development Strategic Plan?
- Did the Lockhart EDC revamp their website to better attract investment?
- # of quality home builders the Lockhart EDC proactively reached out to in 2020-2021? _____
- Did we adopt a new TIF policy?
- # of miles of new fiber optics laid in Lockhart in 2020-2021? _____

Goal 2: Quality of Life / Quality of Facilities

Strategies	2019-2020 Progress	2020-2021 Progress
1. Invest money to improve the appearance of our town (streets, parks, entry signs)	 Doubled street resurfacing funds in FY 20; Parks Master Plan projects.	
2. Conduct and implement a Space Study of City Buildings and facilities including City Hall	 Budget established for FY 20 Space Study. RFP under development.	
3. Improve the image of City facilities as needed and conduct cosmetic improvements in the meantime	 See No. 2 above.	
4. Update, renovate, and construct City facilities as needed, based on the space study. Realize that remodel of Central Fire Station is likely next.	 Electrical panel upgrade at the Water Treatment Plant; Budget established for FY 20 Space Study; Fire Station No. 2 completed.	
5. Implement the Parks Master Plan, improving the quality of life for the community. What is in Phase 2: splash pad, restroom renovations, dog park, picnic shelter upgrades, and tree planting initiatives	 Multiple Phase I projects underway.	
6. Conduct a citywide quality of life citizen survey and ask council to fund.	 Allocate funds in FY 20-21; assign project to PIO.	
7. Establish a Hospital with an Emergency Room in town	N/A Brand new/created in 2020	
8. Sell church property	N/A Brand new/created in 2020	
9. Create a Youth Advisory Board to explore options around youth programs/activities	N/A Brand new/created in 2020	
10. Implement downtown drainage improvements	N/A Brand new/created in 2020	

Strategies	2019-2020 Progress	2020-2021 Progress
11. Consider submitting a multi-year street bond program to voters	<i>N/A Brand new/created in 2020</i>	
12. Promote beautification projects through teamwork	<i>N/A Brand new/created in 2020</i>	
13. Clean up trash/enforcement citywide	<i>N/A Brand new/created in 2020</i>	
14. Enhance lower income districts with beautification efforts	<i>N/A Brand new/created in 2020</i>	

Goal #2 KPIs / Metrics:

\$ amount invested in streets in 2019? \$ _____

\$ amount invested in parks in 2019? \$ _____

\$ amount invested in gateway entry signs in 2019? \$ _____

\$ amount invested in streets in 2020? \$ _____







\$ amount invested in parks in 2020? \$ _____




\$ amount invested in gateway entry signs in 2020? \$ _____

Which facilities did we improve the image of? _____

- Did we implement elements of the Parks Master Plan?
- Did we secure quotes on a Space Study of City buildings including City Hall?
- # of City-owned buildings we renovated or retrofitted? _____
- Did we conduct a citywide quality of life citizen survey?
- Did we address levels of service based on the citizen responses we received?
- Did we address levels of satisfaction based on the citizen responses we received?
- Did we address areas for improvement based on the citizen responses we received?
- Did we court hospital providers?
- Did we sell the church property?
- Did we create a Youth Advisory Board?
- Did we implement downtown drainage improvements?
- Did we fully investigate issuing a street bond?
- Did we fully enforce trash clean up around town?
- Did we specifically target lower income neighborhoods for new beautification projects?

Goal 3: Staffing / Personnel

Strategies	2019-2020 Progress	2020-2021 Progress
1. Consider hiring additional personnel (engineer, IT, etc.)	 In FY 20, staffing levels were increased by 2 full-time and 1 part-time positions.	
2. Conduct a staffing study that includes evaluating efficiencies and compensation	 Classification and Compensation Study underway.	
3. Right size staffing levels city-wide based on study results	 No funding was allocated for such a study; discuss need/timing of study during FY 20-21 budget process.	
4. Consider starting salaries that compete with surrounding communities	 Classification and Compensation Study underway.	
5. Be consistent with staff development / policies / purchasing procedures	 Comprehensive Purchasing Policy under development (anticipated to be complete 1 st quarter of 2020). Revision of City Personnel Policy underway.	
6. Implement a staff development program (be consistent)	 House Bill 3834 mandated cybersecurity training for all employees with computer access and elected officials – cybersecurity training program underway.	

Strategies	2019-2020 Progress	2020-2021 Progress
7. Start developing / preparing current staff to take on leadership roles within the organization in the future. Work on succession planning: add Fire, add Electric, add Streets, and add Animal Control.	 Emphasis on leadership training for police personnel, cross training of job duties underway in Finance Department.	
8. Recruit and attract more bi-lingual staff	 No funding was allocated to recruit bi-lingual staff; explore possible options during FY 20-21 budget process and the classification and compensation study.	
9. Customer service / experience excellence training for the Utility and Planning Development teams	 Training budgeted item in FY 20 for Utility Customer Services staff.	

Goal #3 KPIs / Metrics:

of new positions in 2019? _____

of new positions in 2020 and 2021? _____

Did we perform a staffing efficiency/compensation study?

Did we right-size our salaries based on that study by the end of 2020?

Did we develop new consistent policies and procedures regarding professional development of staff?

Did we develop new consistent policies and procedures regarding purchasing/procurement?

Did we create and implement a new staff development program to ensure everyone has training opportunities?







Did we begin grooming current staff for future leadership roles?



How many staff do we have on a leadership track by the end of 2020?

of new employees added in 2019 through 2021 who are bilingual? _____

Did we deliver Customer Experience Excellence training to every City employee?

Goal 4: Procedures / IT Management and Services



Strategies	2019-2020 Progress	2020-2021 Progress
1. Improve technology / create specific strategies to have better IT support based on Assessment results	 New outside IT management team hired; Strategic plan for current and emerging issues (cyber) near completion.	
2. Upgrade all technology-related issues as recommended – desktops, servers, software, equipment, and peripherals. \$100K will pay for equipment, \$20K is licensing agreement costs.	 City-wide replacement of desktops with current operating systems complete; new servers in current fiscal year.	
3. Create a 5-year rolling IT equipment replacement plan	 See above notes 1 and 2.	
4. Provide superior service by keeping technology up to date and being able to communicate with the public (keep an open line of communication through website.) Purchase next modules: INCODE	 New PIO hired. Increased social media updates. INCODE permits and inspections software module implemented to track permit and inspections progress; online access to permit applications and tracking underway.	
5. Upgrade the server system	 Desktop operating systems upgrade 100% complete. Server upgrades in progress.	
6. Streamline technology hardware, software processes within the City, based on Assessment recommendations	 Ongoing and FY 20-21.	





Strategies	2019-2020 Progress	2020-2021 Progress
7. Upgrade all equipment and software and be trained on specific software to be used to maximum potential and determine which staff will require which trainings.	 Current year 2020 departmental goal.	
8. Explore implementing downtown Wi-Fi	 To be addressed in 2020 or 2021. Explore options with the Downtown Business Association and both Chambers of Commerce.	

Goal #4 KPIs / Metrics:

- Did we secure top quality technology support across all departments by the end of 2020?
- Did we upgrade our desktop computers?
- % of employees who received upgraded computers by the end of 2020 (from 2018 numbers)? _____
- Did we upgrade our servers?
- Did we upgrade our computer software, subscriptions, and licenses?
- Did we upgrade our peripherals?
- Did we upgrade our other technology equipment?
- Did we establish an IT policy for updates and replacements that will keep us up-to-date from now through the future?
- Did we upgrade our City server system?
- Did we streamline our City technology processes?
- Did we secure training for staff to use all new equipment properly and efficiently?
- Did we investigate implementing WiFi throughout Downtown Lockhart?

Goal 5: Public Safety

Strategies	2019-2020 Progress	2020-2021 Progress
1. Provide quality public safety to all citizens of Lockhart		
a. Develop a specific Retention Strategy first	 City-wide classification and compensation study underway. Fire: Council approved 7% salary adjustment in FY 19-20. Police: all officers to attend leadership training, host ceremonial recognition events, retention strategy under development.	
b. Continue to implement hiring strategies we developed such as Fire and Police.	 Fire: Use of recruitment video; developing recruitment flyer for use with LISD and the public; career day with Lockhart High School students; Fire Chief to serve on LISD Career and Technical Education Advisory Committee. Police: In 2019, Lockhart Police Officers visited with police cadets attending the AACOG Academy and made presentations to 2 classes of prospective candidates. In 1 st quarter of 2020, LPD will make presentations to the CAPCOG Academy currently in progress.	

Strategies	2019-2020 Progress	2020-2021 Progress
c. Long-term public safety facility planning for Station #1.	 Completed Fire Station No. 2. Analysis and cost estimate to remodel and upgrade Fire Station No. 1 underway.	
d. Develop an equipment replacement schedule. Seek funding for existing equipment (fire apparatus and patrol cars) replacements.	 Developed an ambulance replacement schedule with Caldwell County and Seton. Upgrades to two-way radios (portables and mobiles) underway.	
e. Continue to ensure use of best practices / standards (research best practices, then implement)	 Fire: Fire Department is preparing an emergency management tabletop exercise for City staff. Police: Upgraded Police Officer body-worn cameras to 3 rd generation models.	
f. Evaluate Accreditation opportunities	 Fire: Reviewing the Texas Fire Chief’s Association (TFCA) accreditation process before formal enrollment. Police: Currently reviewing the 166 Texas Law Enforcement Best Practices. Will submit for recognition in the 3 rd quarter of 2020.	

Strategies	2019-2020 Progress	2020-2021 Progress
g. Traffic safety improvements: turn lanes and traffic lights	<i>N/A Brand new/created in 2020</i>	
h. Begin TXDOT safety projects	<i>N/A Brand new/created in 2020</i>	
i. Promote a Neighborhood Watch Program	<i>N/A Brand new/created in 2020</i>	

Goal #5 KPIs / Metrics:

of new law enforcement officers hired in 2019? _____

of new law enforcement officers hired in 2020? _____

of new law enforcement officers hired in 2021? _____

% law enforcement officers retained? _____ %

of new firefighters hired in 2019? _____

of new firefighters hired in 2020? _____

of new firefighters hired in 2021? _____

% firefighters retained? _____ %

- Did we develop a long-term public safety facilities plan?
- Did we develop a public safety equipment replacement schedule?
- Did we implement that new replacement schedule?
- Did we research and record best practices across the country regarding public safety policy?
- Did we make any modifications to our public safety policies based on that research?
- Did we explore and evaluate Accreditation opportunities?
- Did we implement new turn lane and traffic light improvements in 2020-2021?
- Did we begin the TXDOT safety projects?
- Did we proactively promote a Neighborhood Watch Program for Lockhart?

Conclusion

At the end of the planning retreat, the facilitator reminded all the participants that these goals would only be achieved if they held true to their commitments today to implement these specific strategies and tactics.

She reminded them that they are one team working toward one vision. The city council and management team agreed to use this document regularly throughout 2020 and 2021 to track progress and measure accomplishments.



City of Lockhart

2019-2020 Strategic Priorities

Prepared by:



City of Lockhart

Summary

On February 1 & 2, 2019 the City of Lockhart hosted two half-day planning sessions to develop goals and strategies for the next 2 years. Some of these goal areas were internal, whereas others were external. The following is the process used to reach the conclusions for the plan.

The process began with a preliminary phone meeting between the facilitator and Steve Lewis, City Manager, to go over key issues facing the City, understand the programs and projects underway through the community, and to prepare the agenda and format for the planning retreat.

The first portion of the strategic planning process began on Friday, February 1, 2019 with the City Manager and the City of Lockhart Management Team. The facilitator began by asking the Management Team participants what their expectations for discussion for the day were. She then took the team through a SWOT (Strengths, Weaknesses, Opportunities, & Threats) Analysis. The next group exercise was a brainstorm called Start/Stop/Continue that lists the things that need to begin happening, stop happening, and are mission-critical and must continue regardless of circumstances.

The facilitator then guided the Management Team through 2019-2020 goal and strategy development to recommend to the City Council the following day.

On Saturday, February 2, 2019, the City Council and City Manager convened to review, revise, and establish priorities related to the recommendations generated the day before by the Management Team. Prior to the review, the facilitator asked the City Council to list their expectations for discussion for the day.

The following are the results.

Management Team Expectations for the Day's Discussion Topics

- That City Council will take what we say seriously
- Consider all staff in decisions
- Hear each other's goals
- Live by the plans we create / develop
- That Council develop goals / priorities based on sound data / research
- Focus
- Consider quality of life as over-arching goal
- Discuss business attraction vs. recruitment
- Being prepared for growth
- Facilities improvements
- Facilities maintenance
- How do we give back to those who need extra help?
- Smart land use practices
- Discuss Tourists/Tourism – what is there for kids to do while in town visiting family?

City Council Expectations for the Day's Discussion Topics

- Capitalize on Tourism
- Discuss Wi-Fi
- Capitalize on BBQ Capital of Texas
- Cleaning up of unsightly properties (residential)
- Work in unity today
- Serve our community
- Focus
- To discuss Economic Development targeting technology jobs
- Industrial Park is full – now what?
- Cleaning up of City properties / facilities
- Actually implement our goals
- Discuss the direction of Economic Development
- Think bigger / think change / embrace change
- Develop our identity
- Attractive gateway signage
- Employee wages
- Technology infrastructure

SWOT Analysis

The facilitator guided the participants through an analysis of their current Strengths, the current Weaknesses or Challenges they are facing, Opportunities that may come their way in the future, and Threats that are possible to occur in the future. Note that there are no right or wrong answers here and no implication of likelihood. This is simply a brainstorm of the opinions of the participants to get them thinking about goals in the next portion. The Management Team listed their responses first, then the City Council added additional items the following day.

Strengths

- Historic district
- County seat
- BBQ Capital of Texas
- Location to highways
- Tourism
- Small town (family-oriented)
- Growing – room for more
- Desire to manage growth
- Good development process
- Proximity to Austin
- Comparable housing prices
- Existing capacity of utilities
- Easy mobility
- Economic Development Sales tax
- Clark Library
- Baker Theatre
- Ease of developing land (flat)
- Employees who experience long tenure
- Volunteers
- CTR (Chisholm Trail Roundup) & other local events
- Community support
- Recognizable court house
- Movies / film production (TFC)
- Long-term water planning
- High-level financial planning
- Competitive building / development fees
- “Real” city with well-managed growth
- New energy
- Proximity to large cities / airport
- New residents – new ideas – changing priorities
- Diversity
- First Friday Downtown Event

Weaknesses / Challenges

- Incentives – Economic Development lack of use
- Technology – aging equipment and software
- Infrastructure
- Facilities – condition / maintenance
- Competitive salaries within region
- Training opportunities
 - Professional development
 - Budget
- Closed minds – have always done it this way
- Tourism
- Managing growth
- Need for succession planning
- Public perception influencing job applicant pool
- Weak tax base
- Limited in-town post-secondary educational opportunities
- Lack of retail
- Lack of entertainment (kids)
- Limited grocery options
- City-owned property
- College
- Venue / convention center
- Lack of hotels
- Entryways to community
- Not using TIF financing
- Emerging downtown organization
- How to effectively support increasing, ever-growing number of festivals
 - Create packages for vendors and festivals
- No city recreation programs
- In-kind services
- Very limited public transportation services
- Outdated web information
- Poor communication with citizens

Opportunities

- Expand airport (hangars)
 - Install AWOS (Automated Weather Observing System)
- Improve working conditions of employees
- Proximity to Austin
- Implement first phase of parks master plan
- SH-130 has great properties but not city-owned property
- Undeveloped lots on Square and north / northwest of Square
- Long-tenured elected leadership
- Increase community involvement
- To develop positive relationship with County, School, and organizations
- Quality economic growth
- Franchise recreational or entertainment venues (theaters, bowling, outlets, concerts, water parks)
- Community college campus
- Increased communication needed with ISD for school planning, infrastructure, etc.
- Expand walking / biking opportunities for exercise and community involvement
- Lockhart Springs (natural spring)
- Lockhart State Park transfer to City
- Potential residential development around golf course
- Development within historic district
- School district growth
- Housing growth
- Business growth
- St. Paul Church and other redevelopment opportunities
- Hospital / medical facilities
- Public bathrooms downtown
- Develop Industrial Park
- More involvement with San Marcos Greater Partnership
- Partnership with Austin Chamber
- EDC \$ will go further today than in 2 years (spec buildings, parking)

Threats

- Economic recession
- Voter turnout
- Government shutdown
- Citizen input
- Natural disaster
- Leadership in government
- Lack of economic development direction
- Competition from other cities
- Lack of resources
- Building maintenance
- Technology – cyber security
- Surging population
- Infrastructure improvement
- Maintaining reputation
- Planning without follow through
- Lack of educated workforce – skilled labor
- Crime
- Lack of workforce – people
- Retention and hiring
- Youth retention
- School quality
- Lack of industry
- Lack of racial unity
- Micro-managing
- Other utilities providers
- Homeless services – transportation
- Types of future growth

Start/Stop/Continue

The facilitator guided the Management Team through an exercise that challenged them to brainstorm things that the City really needed to begin doing, what they should stop doing that could be a waste of resources, and what must they continue doing, regardless of circumstances. Below are their responses. Note that there are no right or wrong items; these are merely individuals' opinions about the things that should and shouldn't change in Lockhart. Just because one person has a certain opinion on a topic, that does not imply anyone else shared that opinion.

Start

- Space allocation study
- Renovate City buildings – construct
- Downtown bathrooms
- Improve salaries – salary survey
- Staff development program / policies / procedures
- Consistency in purchasing
 - Revamp purchasing policy
- Replacing capital equipment / vehicles – vehicle fund
- Mandatory single stream recycling
- IT department, in-house City Engineer
- New technology in terms of equipment, network, server, software
- Re-assess who is in charge of downtown redevelopment
 - Name which entity (or entities) funds downtown redevelopment initiatives
 - Name which entity (or entities) manages downtown redevelopment initiatives
- 2020 Comprehensive Master Plan Update that includes a future land use plan and map

Stop

- In-house utility billing (consider outsourcing)
- Outsourcing IT (consider bringing in-house)
- Repetitive useless paperwork (paperwork/policies must be updated and streamlined)
- Increasing overtime in fire and police (hire more to fix this issue)
- Using outdated equipment
- Hand -picking collections of recycled goods (business pick up)
- Laying asphalt driveway approaches for “free”
- Demolition of condemned houses – stop doing in-house (needs to be outsourced)

Continue

- Meeting with County, City, School, Chamber, EDC
- Implementing 2020 Plan and Updates
- Attracting businesses – growth
- Providing superior service
- Redeveloping Downtown
- Implement Parks Master Plan
- Being a great place to work
- Public investments along SH-130
- Supporting festivals / movie projects
- Financial planning
- Embracing tourism

Goal 1: Economic Development / Planning

Strategies
1. Partner with LISD and local youth organizations to encourage careers in local emergency services (Fire and Police)
2. Reassess who is in charge of managing and funding downtown development and tourism
3. Attract a post-secondary education campus / facility
4. Complete updating our development ordinances
5. Consider development tools to facilitate attraction / recruitment to SH 130 corridor
6. Bring utilities, assist assembling parcels, rezoning tracts along SH 130
a) Shovel ready
b) Pursue prospects
7. Start investing in more property for growth
8. Explore next industrial park
9. HOT (Hotel Occupancy Tax) Funds – revamp structure
10. Economic Development Strategic Plan
11. Robust LEDC website

Goal #1 KPIs / Metrics:

- Did we partner with LISD & other youth organizations to encourage emergency services careers?
- Did we reassess downtown development and tourism initiatives and who leads each?
- Did we initiate efforts to attract a post-secondary educational institution or facility to Lockhart?
- Did we completely update our development ordinances?
- Did we brainstorm development tools for SH-130 development?
- Did we bring utilities and assemble parcels along SH-130?
- Did we develop shovel-ready development sites?
- Did we market those sites to prospective investors?
- Did we develop plans for our next industrial park?
- Did we revamp the way HOT funds are structured?
- Did we develop and implement an Economic Development Strategic Plan?
- Did the Lockhart EDC revamp their website to better attract investment?

Goal 2: Quality of Life / Quality of Facilities

Strategies
1. Invest money to improve the appearance of our town (streets, parks, entry signs)
2. Conduct a Space Study of City Buildings and facilities including City Hall
3. Improve the image of City facilities as needed
4. Update, renovate, and construct City facilities as needed
5. Implement the Parks Master Plan, improving the quality of life for community
6. Conduct a citywide quality of life citizen survey

Goal #2 KPIs / Metrics:

- \$ amount invested in streets in 2019 and 2020? \$ _____
- \$ amount invested in parks in 2019 and 2020? \$ _____
- \$ amount invested in gateway entry signs in 2019 and 2020? \$ _____
- # of City facilities we improved the appearance of? _____
- Which facilities did we improve the image of?
- Did we implement elements of the Parks Master Plan?
- Did we secure quotes on a Space Study of City buildings including City Hall?
- How many City-owned buildings did we renovate or retrofit?
- Did we conduct a citywide quality of life citizen survey?
- Did we address levels of service based on the citizen responses we received?
- Did we address levels of satisfaction based on the citizen responses we received?
- Did we address areas for improvement based on the citizen responses we received?

Goal 3: Staffing / Personnel

Strategies
1. Consider hiring additional personnel (engineer, IT, etc.)
2. Conduct a staffing study that includes evaluating efficiencies and compensations
3. Right size staffing levels city-wide based on study results
3. Consider starting salaries that compete with surrounding communities
4. Be consistent with staff development / policies / purchasing procedures
5. Implement a staff development program (be consistent)
6. Start developing / preparing current staff to take on leadership roles within the organization in the future
7. Bi-lingual staff
8. Customer service / experience excellence training

Goal #3 KPIs / Metrics:

of new positions in 2019 and 2020? _____

- Did we perform a staffing efficiency/compensation study?
- Did we right-size our salaries based on that study by the end of 2020?
- Did we develop new consistent policies and procedures regarding professional development of staff?
- Did we develop new consistent policies and procedures regarding purchasing/procurement?
- Did we create and implement a new staff development program to ensure everyone has training opportunities?
- Did we begin grooming current staff for future leadership roles?
- How many staff do we have on a leadership track by the end of 2020?

of new employees added in 2019 and 2020 who are bilingual? _____

- Did we deliver Customer Experience Excellence training to every City employee?

Goal 4: Procedures / IT / Software and Hardware

Strategies
1. Conduct a Technology Assessment that yields specific recommendations
2. Improve technology / create specific strategies to have better IT support based on Assessment results
3. Upgrade all technology-related issues as recommended – desktops, servers, software, equipment, and peripherals
4. Start replacing old equipment
5. Provide superior service by keeping technology up to date and being able to communicate with the public (keep an open line of communication through website)
6. Carefully weigh all the pros and cons of considering bringing IT in-house
7. Upgrade the operating system
8. Streamline technology hardware, software processes within the City, based on Assessment recommendations
9. Upgrade all equipment and software and be trained on specific software to be used to maximum potential
10. Explore implementing downtown Wi-Fi

Goal #4 KPIs / Metrics:

- Did we conduct a Technology Assessment?
- Did we secure top quality technology support across all departments by the end of 2020?
- Did we upgrade our desktop computers?
% of employees who received upgraded computers by the end of 2020 (from 2018 numbers)? _____
- Did we upgrade our servers?
- Did we upgrade our computer software, subscriptions, and licenses?
- Did we upgrade our peripherals?
- Did we upgrade our other technology equipment?
- Did we establish an IT policy for updates and replacements that will keep us up-to-date from now through the future?
- Did we carefully weigh all the pros and cons of keeping IT outsourced vs. bringing it in-house?
- Did we upgrade our City operating system?
- Did we streamline our City technology processes?
- Did we secure training for staff to use all new equipment properly and efficiently?
- Did we investigate implementing WiFi throughout Downtown Lockhart?

Goal 5: Public Safety

Strategies
1. Provide quality public safety to all citizens of Lockhart
a) Develop a specific Retention Strategy first
b) Develop a specific Hiring Strategy
c) Long-term public safety facility planning
d) Develop an equipment replacement schedule
e) Ensure use of best practices / standards (research best practices, then implement)
f) Evaluate Accreditation opportunities

Goal #5 KPIs / Metrics:

of new law enforcement officers hired in 2019?

of new law enforcement officers hired in 2020?

% law enforcement officers retained?

of new firefighters hired in 2019?

of new firefighters hired in 2020?

% firefighters retained?

Did we develop a long-term public safety facilities plan?

Did we develop a public safety equipment replacement schedule?

Did we implement that new replacement schedule?

Did we research and record best practices across the country regarding public safety policy?

Did we make any modifications to our public safety policies based on that research?

Did we explore and evaluate Accreditation opportunities?

Conclusion

At the end of the planning retreat, the facilitator reminded all the participants that these goals would only be achieved if they held true to their commitments today to implement these specific strategies and tactics.

She reminded them that they are one team working toward one vision. The participants agreed to use this document regularly throughout 2019 and 2020 to track progress and measure accomplishments.

CITY COUNCIL FY 18-19 GOALS (FINAL COMBINED)

PRIORITY ORDER

COUNCILMEMBER	PRIORITY	FY 18-19 GOALS
CASTILLO	1	Infrastructure Improvements: streets
GONZALES-SANCHEZ	1	Hire A City Manager
MCGREGOR	1	Economic development, creating and retaining jobs, grocery campaign.
MENDOZA	1	Pay Raise City Employees.
MICHELSON	1	Public relations position/ get the word out about Lockhart (promoting)
WESTMORELAND	1	Infrastructure Improvements: streets
WHITE	1	Economic development, creating and retaining jobs, grocery campaign.
CASTILLO	2	Economic development, creating and retaining jobs, grocery campaign.
GONZALES-SANCHEZ	2	All Department Heads to Budget Salary Increases for all City Employees.
MCGREGOR	2	Work with LISD to establish a community recreation center at the Adams Gym, per under Parks
MENDOZA	2	Economic development, creating and retaining jobs, grocery campaign.
MICHELSON	2	Signage in Lockhart (highway, downtown, and toll) / Wayfinding, branding,,,))
WESTMORELAND	2	Signage in Lockhart (highway, downtown, and toll) / Wayfinding, branding,,,))
WHITE	2	Public relations position
CASTILLO	3	Continued police community committee involvement, neighborhood watch, gang awareness
GONZALES-SANCHEZ	3	Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods
MCGREGOR	3	Prepare Fire Station #3 (so we can have existing station remodeled)
MENDOZA	3	Continued police community committee involvement, neighborhood watch, gang awareness
MICHELSON	3	Prepare Fire Station #3 (so we can have existing station remodeled)
WESTMORELAND	3	More enforcement of codes directed at unsightly properties
WHITE	3	Wayfinding, branding, develop new entry sign and city markers
CASTILLO	4	City Facilities: Maintenance and repairs Economic Development: Recruit more businesses especially retail and continue efforts; contact existing and vacant building owners to see if they are willing to work with the City of Lockhart to bring retail businesses and specialty shops, as well as industrial. Purchase buildings and land when on the market for possible new businesses for the city.
GONZALES-SANCHEZ	4	Public relations position work with social media/ get the word out about Lockhart
MCGREGOR	4	Public relations position work with social media/ get the word out about Lockhart
MENDOZA	4	City Facilities: Maintenance and repairs

CITY COUNCIL FY 18-19 GOALS (FINAL COMBINED)

PRIORITY ORDER

COUNCILMEMBER	PRIORITY	FY 18-19 GOALS
MICHELSON	4	Refurbish City Hall inside (making it more inviting)
WESTMORELAND	4	Move forward with St Paul property project
WHITE	4	Park improvements- consider medium to long range plan for Town Branch development
CASTILLO	5	Affordable housing Police Task Force: Budget extra funds for a Police Task Force, a Narcotics Officer and a Mental Health Officer to address any drug and gang related problems and mental issues our city is being faced not only on the East side of our city but citywide. Budget for updated training for our police officers. There is a lot of training that is free but a lot additional money for registration fees and course material.
GONZALES-SANCHEZ	5	
MCGREGOR	5	Free public wifi on the square
MENDOZA	5	Parks improvements
MICHELSON	5	Continued police community committee involvement, neighborhood watch, gang awareness
WESTMORELAND	5	Angled parking downtown: N Main and N Commerce Sts(change during downtown drainage project)
WHITE	5	Continued police community committee involvement, neighborhood watch, gang awareness
CASTILLO	6	Wellness for employees



CITY COUNCIL FY 18-19 GOALS

Category Order and Comments by City Manager

Council agreed at February 13 meeting that each Councilmember will submit at least 5 category goals in priority order to the City Manager to be considered by Council at first meeting in March, 2018

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY FINAL LIST BY COUNCIL PRIORITIZED BY CATEGORY: SUBMIT TO CITY MGR BY MARCH 1 PLEASE	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY
		Improve communication between City and Chamber of Commerce	In-House	Chamber
		City Facilities	GF	City Bldgs
		Refurbish City Hall inside (making it more inviting)	Gen Fund	City Bldgs
		Prepare Fire Station 3 (so we can have main station remodeled)	Gen Fund	City Bldgs
		Hire A City Manager. Hire a City Manager that is Well Rounded and Experienced and Will Help our City to Continue to Grow for the right and positive reasons. To hire a City Manager that will allow our Department Heads to Grow and Improve Our Departments with their recommended suggestions not only from our department heads but from our employees. Working Smarter not Harder.	GF	City Manager
		More code enforcement of codes directed at unsightly properties	In-House	Code Enforc
		Continue demo of unsafe structures and pursue liens aggressively	GF	Code Enforc
		Convention Center. Our city is growing and there are too many events, programs and conferences that are going to other surrounding areas to have these events and those surrounding area businesses are benefitting and money is being spent in those areas instead on money being spent in our city. Granted, we do have meeting facilities in our city but these meeting facilities do not accomodate the number of people for the above events that have been mentioned.	GF	Convention Center
		Downtown improvements-lighting, pedestrian safety, south plaza idea? Sculpture? Sidewalk mosaics?	GF	Downtown
		Economic development, creating and retaining jobs, grocery campaign	general fund, LEDC	Econo Devl
		Economic Development	GF	Econo Devl
		Expand economic development (by helping to spread the word & being more involved)	Gen Fund	Econo Devl
		Economic Development: Recruit more businesses especailly retail and continue efforts; contact existing and vacant building owners to see if they are willing to work with the City of Lockhart to bring retail businesses and speciality shops, as well as industrial. Purchase buildings and land when on the market for possible new businesses for the city. Art Galleries and Music Venues have increased within our downtown area and though many many not appreciate these type of business and or venues, it is good for our downtown and its livelihood. Let's work on getting more of the speciality shops and boutiques in or around the sqare.	GF	Econo Devl
		Pay raise across the board	GF	Employees
		All Department Heads to Budget Salary Increases for all City Employees.	GF	Employees
		Wellness for employees	GF	Employees
		Employee: Possible additional Employee Holiday Time Off-Alternating System. Even though this has been discussed and the reasons for why it cannot be done, I would like to see a time off alatenating system, especailly during the holidays. I did appreciate that the city employees were allowed to stay home during our icy, sleet and snow days. The safety of our employees is very important.	GF	Employees
		Subdivision developemnt to attract more businesses to Lockhart. Increase the number of homes, apartments, housing. Our city is growing with new citizens wanting to make Lockhart their home but due to the number of housing available, they wait and or possibly lose interest.	GF	Housing
		Infrastructure	GF	Infrastructure
		Infrastructure improvement- uncurbed streets, street rehab	GF	Infrastructure
		Improve Streets (repairs)	In-House	Infrastructure

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY FINAL LIST BY COUNCIL PRIORITIZED BY CATEGORY: SUBMIT TO CITY MGR BY MARCH 1 PLEASE	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY
		Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods	GF	Infrastructure
		Angled parking for N Main and N Commerce Streets (change during downtown project)	In-House	Parking Downtown
		Parking around and surrounding the square. Issues with larger vehicles parked in areas that are narrow and that make it hard to see oncoming traffic. Our city is growing and we have been very fortunate with our parking however, it is a concern especially when you have the bigger and wider trucks that are parked in an area that is for a moderate size car. It becomes a hazard and a blind spot when trying to reverse out of the parking space and a blind spot for any and all pedestrians.	GF	Parking Downtown
		Continue to work on City Park improvements	Gen Fund	Parks
		Revive all City parks	Grants	Parks
		Work with LISD to establish a community recreation center at Adams Gym, perhaps under Parks (PUBLIC HEALTH/PARKS)	General Fund/Parks & Rec	Parks
		Add 3 positions to the Parks Department, to help facilitate other improvements (PARKS)	General Fund/Parks & Rec	Parks
		Park improvements - consider medium to long range Town branch development	GF	Parks
		Develop a dog park as part of the Stueve Lane Monte Vista Tract (PARKS/ANIMAL SHELTER/PUBLIC HEALTH)	General Fund/Parks & Rec	Parks
		Parks Improvemens: Purchase and update the park equipment to provide safe and fun filled parks for all to use.	GF	Parks
		Start Planning for 2040 plan	GF	Planning
		Police	GF	Police
		Continued Police Community committee involvement, neighborhood watch, gang awareness	GF	Police
		Work with Police Department to bring back drug enforcement program	Gen Fund	Police
		Get back to Neighborhood Townhall Meetings	GF	Police
		Police Task Force: Budget extra funds for a Police Task Force, a Narcotics Officer and a Mental Health Officer to address any drug and gang related problems and mental issues our city is being faced not only on the East side of our city but citywide. Budget for updated training for our police officers. There is alot of training that is free but alot additional money for registration fees and course material. I am grateful that the Police Department did invest in our Drug Dog and is being utilized by the school as well.	GF	Police
		High School cadet programs for police, fire, EMS	GF	Police/Fire
		Public relations position to deal with social media	GF	Public Relations
		Get the word out about Lockhart (promoting, hiring a Public Relations person)	Gen Fund	Public Relations
		Sidewalk repair and expansion	GF	Sidewalks
		Signage in Lockhart (highway, downtown, and toll road)	Gen Fund	Signage
		Wayfinding, branding - develop new entry sign and city property markers	GF	Signage
		Move Forward with St Paul property project	In-House	St Paul Gift
		Develop an oral history project to support a future "Walking Tour" app for Lockhart (ECONOMIC DEV/DOWNTOWN)	General Fund/Fundraising	Tourism
		More Events to Attract Tourism in Lockhart and Include Way Finding Signage (Hotels and Restaurants). Added events, especially the events that are free to the public do very well for the city as well as for the businesses and tourism. I welcome new events to the city but need to be selective in the events that we do host.	GF	Tourism
		Create a Good Neighbor program (Lockhart Utility Customers can add an additional amount to utility bill to help others)	GF	Utility Customers

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY FINAL LIST BY COUNCIL PRIORITIZED BY CATEGORY: SUBMIT TO CITY MGR BY MARCH 1 PLEASE	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY
		Access to Municipal Court for Utility Payments	In-House	Utility Customers
		Free public wifi on the square as part of the redevelopment on the North side (ECONOMIC DEV/DOWNTOWN)	CAPCOG Grant?	Wifi
		Free public wifi on the square as part of the redevelopment on the North side	GF	Wifi

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY	CITY MANAGER COMMENTS
BW	7	Improve communication between City and Chamber of Commerce	In-House	Chamber	City Staff works together with Chambers on all their events by being a co-sponsor with many in-kind services. Robert Tobias attends their meetings and periodically makes presentations about Economic Development issues.
JC	4	City Facilities	GF	City Bldgs	Budget for roofs and major repairs
JEFF M	5	Refurbish City Hall inside (making it more inviting)	Gen Fund	City Bldgs	Working on it; repairs to ceiling in progress, restrooms to be refurbished and replace signage with more informative directions.
JEFF M	7	Prepare Fire Station 3 (so we can have main station remodeled)	Gen Fund	City Bldgs	New plans will be prepared working with new Chief who has different ideas than the previous Chief
AGS	1	Hire A City Manager. Hire a City Manager that is Well Rounded and Experienced and Will Help our City to Continue to Grow for the right and positive reasons. To hire a City Manager that will allow our Department Heads to Grow and Improve Our Departments with their recommended suggestions not only from our department heads but from our employees. Working Smarter not Harder.	GF	City Manager	I concur. The current City Mgr has rode back of garbage trucks, climbed electrical poles, worked water/sewer/asphalt/concrete projects, and has been a utility collections clerk, and during these experiences learned the value of suggestions for charge that comes from employees in such positions. All department heads/supervisors are encourage to listen to employees who have constructive ideas that would benefit in performing assigned tasks. City Mgr has also learned there are employees who keep there hands in their pockets and talk while everyone else is working and these are the same ones who are often found to be dishonest in their paperwork, sleep on the job, and have a poor attendance record.
BW	1	More code enforcement of codes directed at unsightly properties	In-House	Code Enforc	Will continue to address as complaints come in and as found during investigation outings.
LW	8	Continue demo of unsafe structures and pursue liens aggressively	GF	Code Enforc	Will continue to address and City Attorney exploring process to recover demolition costs
AGS	11	Convention Center. Our city is growing and there are too many events, programs and conferences that are going to other surrounding areas to have these events and those surrounding area businesses are benefitting and money is being spent in those areas instead on money being spent in our city. Granted, we do have meeting facilities in our city but these meeting facilities do not accommodate the number of people for the above events that have been mentioned.	GF	Convention Center	HOT funds and/or Bond Issue. Maintenance funds will be a minimum of \$150,000 annually not including director's salary, utilities, and insurance.
LW	9	Downtown improvements-lighting, pedestrian safety, south plaza idea? Sculpture? Sidewalk mosaics?	GF	Downtown	CAPCOG/CO project will address
LW	1	Economic development, creating and retaining jobs, grocery campaign	general fund, LEDC	Econo Devl	Robert Tobias working with several companies now
JC	2	Economic Development	GF	Econo Devl	See above

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY	CITY MANAGER COMMENTS
JEFF M	3	Expand economic development (by helping to spread the word & being more involved)	Gen Fund	Econo Devl	Robert Tobias is involved with the San Marcos Partnership, local chambers, and with downtown businesses on a regular basis. Leads from the Governor's office and the Austin Chamber are also pursued as applicable.
AGS	4	Economic Development: Recruit more businesses especially retail and continue efforts; contact existing and vacant building owners to see if they are willing to work with the City of Lockhart to bring retail businesses and specialty shops, as well as industrial. Purchase buildings and land when on the market for possible new businesses for the city. Art Galleries and Music Venues have increased within our downtown area and though many not appreciate these type of business and or venues, it is good for our downtown and its livelihood. Let's work on getting more of the specialty shops and boutiques in or around the square.	GF	Econo Devl	The problem is that many of the property owners downtown do not have the funds to customize their buildings to support specialty shops which most the time are not willing to spend money on a building. Rob Tobias is exploring ways to address this issue.
JUAN M	1	Pay raise across the board	GF	Employees	Estimated Costs Including Benefits: For each 1% for non-civil service= \$52,000 For each 1% for civil service = \$28,000
AGS	2	All Department Heads to Budget Salary Increases for all City Employees.	GF	Employees	See above
IC	5	Wellness for employees	GF	Employees	City provides good health insurance (\$586 per month each) with wellness plans for employees; many Cities have stopped this benefit and only provide a stipend for insurance.
AGS	9	Employee: Possible additional Employee Holiday Time Off-Alternating System. Even though this has been discussed and the reasons for why it cannot be done, I would like to see a time off alternating system, especially during the holidays. I did appreciate that the city employees were allowed to stay home during our icy, sleet and snow days. The safety of our employees is very important.	GF	Employees	City employees with vacation leave and holiday time are off 23 days a year with pay which is more than a month of work days. The only holidays not given that we found are Columbus Day and Texas Independence Day. Employee safety is very important, however, some employees must come in to make conditions safe for residents and to respond to emergency conditions and that responsibility belongs to each department head who determines based on staff levels and skills time off during holiday times.
AGS	6	Subdivision development to attract more businesses to Lockhart. Increase the number of homes, apartments, housing. Our city is growing with new citizens wanting to make Lockhart their home but due to the number of housing available, they wait and or possibly lose interest.	GF	Housing	6 housing projects in place at different phases. City Manager recommended incentives to builders three years ago which Council approved and during the time it was in place it produced more housing. As a result, more engineering of subdivisions has begun.
IC	1	Infrastructure	GF	Infrastructure	\$400,000 or more yearly needed for streets
LW	2	Infrastructure improvement- uncurbed streets, street rehab	GF	Infrastructure	See above. It will take a major bond issue to address all streets that do not have curbs.
BW	3	Improve Streets (repairs)	In-House	Infrastructure	See above.

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY	CITY MANAGER COMMENTS
AGS	3	Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods	GF	Infrastructure	For streets please see above. Brighter lighting is always a challenge in a city with so many trees. Lockhart still must comply with Senate Bill 5 which regulates power usage. Several cities have passed an ordinance that does not allow for the planting of trees within 15' of the right of way to improve lighting of streets and reduce tree trimming around power lines.
BW	4	Angled parking for N Main and N Commerce Streets (change during downtown project)	Ja-House	Parking Downtown	Scheduled with downtown improvements. Should also consider making 100 Blocks of N Main and N Commerce one-way and possibly consider other blocks downtown especially north/south streets.
AGS	10	Parking around and surrounding the square. Issues with larger vehicles parked in areas that are narrow and that make it hard to see oncoming traffic. Our city is growing and we have been very fortunate with our parking however, it is a concern especially when you have the bigger and wider trucks that are parked in an area that is for a moderate size car. It becomes a hazard and a blind spot when trying to reverse out of the parking space and a blind spot for any and all pedestrians.	GF	Parking Downtown	Scheduled with downtown improvements
JEFF M	2	Continue to work on City Park improvements	Gen Fund	Parks	Master Plan near complete
BW	2	Revive all City parks	Grants	Parks	Master Plan near complete
KM	2	Work with LISD to establish a community recreation center at Adams Gym, perhaps under Parks (PUBLIC HEALTH/PARKS)	General Fund/Parks & Rec	Parks	Mayor is visiting with LISD about this
KM	3	Add 3 positions to the Parks Department, to help facilitate other improvements (PARKS)	General Fund/Parks & Rec	Parks	Approx. \$100,000 to budget not including equipment and vehicles
LW	3	Park improvements - consider medium to long range Town branch development	GF	Parks	Bond issue needed
KM	4	Develop a dog park as part of the Stueve Lane Monte Vista Tract (PARKS/ANIMAL SHELTER/PUBLIC HEALTH)	General Fund/Parks & Rec	Parks	Estimate on this property is \$ 25000 using used fencing. Maintenance and insurance are also cost factors
AGS	8	Parks Improvements: Purchase and update the park equipment to provide safe and fun filled parks for all to use.	GF	Parks	Master Plan near complete
JUAN M	3	Start Planning for 2040 plan	GF	Planning	Needs to be done
JC	3	Police	GF	Police	Chief Pedraza is working on these issues. Recently issued update that was sent to Council.
LW	4	Continued Police Community committee involvement, neighborhood watch, gang awareness	GF	Police	See above
JEFF M	4	Work with Police Department to bring back drug enforcement program	Gen Fund	Police	See above
JUAN M	5	Get back to Neighborhood Townhall Meetings	GF	Police	Will get with Chief about this

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY	CITY MANAGER COMMENTS
AGS	5	Police Task Force: Budget extra funds for a Police Task Force, a Narcotics Officer and a Mental Health Officer to address any drug and gang related problems and mental issues our city is being faced not only on the East side of our city but citywide. Budget for updated training for our police officers. There is a lot of training that is free but a lot additional money for registration fees and course material. I am grateful that the Police Department did invest in our Drug Dog and is being utilized by the school as well.	GF	Police	Chief Pedraza reports that Lockhart has two certified mental health officers, and he feels there is sufficient funding for training. He also reports that a new Narcotics Officer would cost about \$90,000 for salary/benefits, training, a vehicle, and all required equipment.
LW	10	High School cadet programs for police, fire, EMS	GF	Police/Fire	Will visit with department heads again about this
LW	6	Public relations position to deal with social media	GF	Public Relations	Position would cost with benefits about \$45,000 annually and would need more tasks to perform.
JEFF M	6	Public relations position to deal with social media	GF	Public Relations	See above
LW	7	Sidewalk repair and expansion	GF	Sidewalks	Costs average about \$25 per linear foot
JEFF M	1	Signage in Lockhart (highway, downtown, and toll road)	Gen Fund	Signage	Wayfinding and Branding Committee in place
LW	5	Wayfinding, branding - develop new entry sign and city property markers	GF	Signage	See above
BW	5	Move Forward with St Paul property project	In-House General	St Paul Gift	Working on costs associated with this projects which involve asbestos/lead paint survey and possible abatement, ADA restrooms, ADA entry ramp, kitchen changes, and other repairs.
KM	5	Develop an oral history project to support a future "Walking Tour" app for Lockhart	Fund/Fundraising	Tourism	Could be part of the Wayfinding and Branding Committee tasks
AGS	7	More Events to Attract Tourism in Lockhart and Include Way Finding Signage (Hotels and Restaurants). Added events, especially the events that are free to the public do very well for the city as well as for the businesses and tourism. I welcome new events to the city but need to be selective in the events that we do host.	GF	Tourism	Chambers receive HOT funds for tourism and City co-sponsors events that contribute to tourism.
JUAN M	4	Create a Good Neighbor program (Lockhart Utility Customers can add an additional amount to utility bill to help others)	GF	Utility Customers	Have pursued this in the past. Requires a Board or Committee that is willing to take on the tasks of selecting who and how much help can be provided to customers. Some Cities allocate the funds to existing organization that is willing to take on the project.
BW	6	Access to Municipal Court for Utility Payments	In-House	Utility Customers	Working to this; advertisements and office training needed.
KM	1	Free public Wi-Fi on the square as part of the redevelopment on the North side (ECONOMIC DEV/DOWNTOWN)	CAPCOG Grant?	Wi-Fi	County Judge had indicated to Mayor that the County could do this.
JUAN M	2	Free public wifi on the square as part of the redevelopment on the North side	GF	Wifi	See Above

LOCKHART CITY COUNCIL FY 17-18 GOALS				
Category and Priority Order				
COUNCIL MEMBER	PRIORITY	GOALS IDENTIFIED BY COUNCIL FOR FY 17-18 (as submitted by Councilmembers)	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	CATEGORY
BH	3	Continue Improving City Cemetery	with GF Expiring debt saving and/or Cemetery Tax	CEMETERY
Jeff M	2	Refurbish City Hall in the inside (to make more inviting to the public) as well as doing some landscaping outside	General Fund	CITY BLDGS
BW	3	Spruce up and clean up City properties		CITY BLDGS
BH	4	Improve City Facilities Appearance		CITY BLDGS
JC	4	City Facilities		CITY BLDGS
AGS	10	Convention Center		CONVENTION CTR
JC	2	Crime		CRIME
AGS	4	Police Task Force: Budget extra funds for a Police Task Force, a Narcotics Officer and a Mental Health Officer to address any drug and gang related problems and mental issues our city is being faced not only on the East side of our city but citywide. Budget for updated training for our police officers. There is alot of training that is free but alot additional money for registration fees and course material.		CRIME
Jeff M	4	Work with Police Department to bring back drug enforcement program		CRIME
LW	8	Fund for helping utility customers in need	???	CUSTOMER SERV
BW	2	Continue to change angle parking downtown: 200 Blk S Main, 100 Blk N Main, 100 Blk N Commerce, 200 Blk E Market; little time and expense invovled	??	DOWNTOWN
LW	2	Downtown improvements,bathrooms, electric, pedestrian safety, beautification, wifi, lighting		DOWNTOWN
AGS	9	Parking around and surrounding the square. Issues with larger vehicles parked in areas that are narrow and that make it hard to see oncoming traffic		DOWNTOWN
LW	1	Expanding economic development department, budget, office, staff?, marketing	General fund, LEDC	ECCONOMIC DEV
AGS	3	Economic Development: Recurit more businesses especailly retail and continue efforts; contact existing and vacant building owners to see if they are willing to work with the City of Lockhart to bring retail businesses and speciality shops, as well as industrial. Purchase buildings and land when on the market for possible new businesses for the city.		ECCONOMIC DEV
JC	3	Economic Development		ECCONOMIC DEV
AGS	5	Subdivision development to attract more businesses to Lockhart.		ECCONOMIC DEV
JM	5	Set up meetings with developers for more retail space shopping centers along US 183		ECCONOMIC DEV

LOCKHART CITY COUNCIL FY 17-18 GOALS				
Category and Priority Order				
COUNCIL MEMBER	PRIORITY	GOALS IDENTIFIED BY COUNCIL FOR FY 17-18 (as submitted by Councilmembers)	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	CATEGORY
AGS	6	More Events to Attract Tourism in Lockhart and Include Way Finding Signage (Hotels and Restaurants)		ECONOMIC DEV
AGS	1	All Department Heads to Budget Salary Increases for all City Employees.		EMPLOYEES
JM	1	City Employee Raises		EMPLOYEES
JM	2	House or fund gym membership/space (weight rm) in Senior Center area (cardio machine) for City employees		EMPLOYEES
AGS	8	Employee: Possible additional Employee Holiday Time Off-Alternating System. Even though this has been discussed and the reasons for why it cannot be done, I would like to see a time off alternating system, especailly during the holidays.		EMPLOYEES
BW	1	ENFORCE ordinances that pertain to unsightly properties all over town		ENFORCEMENT
Jeff M	1	Enforce city ordinance regarding residential property		ENFORCEMENT
Jeff M	3	Continue to work on City Park improvements		PARKS
JM	3	Do inventory of City properties to idenify areas for pocket parks	LEDC funds	PARKS
LW	3	Park improvements	General fund	PARKS
BH	5	Parks Improvements	General Fund	PARKS
JC	5	Parks		PARKS
AGS	7	Parks Improvemens: Purchase and update the park equipment to provide safe and fun filled parks for all to use.		PARKS
LW	7	Town branch cleanup and beautification	???	PARKS
JM	4	Start process of Funding Sidewalks east of 183 connecting to the US 183 sidewalks		SIDEWALKS
LW	6	sidewalk repair and expansion	general fund bond	SIDEWALKS
BH	1	IMPLEMENT SIGNAGE IN LOCKHART	General Fund (LEDC) and/or Hotel Tax	SIGNAGE
LW	4	wayfinding, branding	general fund	SIGNAGE
LW	5	Entry signs	general fund	SIGNAGE
Jeff M	6	Signage on Highway 183 and SH130 = directing people to Lockhart		SIGNAGE
BW	4	Pursue oppportunity to move Senior Citizens' Center to St Paul United Church of Christ Property		SR CITIZENS CTR
JC	1	Roads	Grants or impact fees	STREETS/INFRAS
AGS	2	Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods		STREETS/INFRAS
BH	2	Continue improving City Streets	Increase Transportation Fund	STREETS/INFRAS
Jeff M	5	Continue to make improvements and redoing our city streets		STREETS/INFRAS

Lockhart City Council
FY 16-17 Goals
Revised 3-10-2016, 8:30 pm

Priority	Council Person	Goals Submitted	City Manager Comments
1	Castillo	Infrastructure	Complete 2015 CO projects and need budget of \$250,000 per year for streets, continue water and sewer main replacements; continue electric distribution maintenance plan-get new substation on line. Replace bad water raw water mains and find additional water for the future.
1	Gonzales-Sanchez	Department Heads to Budget Salary Increases for city employees so that we can keep our current city employees.	Est Cost Per % Increase Annually: Gen Fund (Not Civil Serv) \$ 29,000; Gen Fund Civil Serv \$ 24,000; Other/Utilities: \$ 15,000- Add'l
1	Hilburn	Improve City Cemetery with GF Expiring debt saving and/or Cemetery Tax	Cemetery Tax up to 5 cents allowed by State Law. Expiring GF debt committed to Police and Fire increased pay rates. (\$132,000)
1	Mendoza	Find ways to use activity center for multi-purpose use. (basketball, volleyball). Funding source: Different companies in town	If approved by Council staff would approach local businesses
1	Michelson	Continue to improve infrastructure (drainage, street repairs) throughout the city	Complete 2015 CO and budget \$250,000 per year for street materials
1	Westmoreland	Enforce ordinances that pertain to unsightly properties all over town. Make homeowners/residents (because some may be renters) take pride in their environment. It is an eyesore to drive around town and see overgrown properties, junked cars, and stacks of trash on porches, in yards and driveways. All levels of socio-economic residents in this town have shown evidence of being disrespectful to their environment.	City has no esthetics ordinance currently. The term "unsightly" is subjective and is difficult to prove in court.
1	White	Economic Development-expanding budget to get staff qualified to help Sandra with recruitment, working with LEDC to either build Spec building or invest in more property, Main St program to relieve Sandra of a lot of those duties	Main Street Program would require another person and funding to work with local businesses while Economic Development would concentrate on new businesses and new jobs
2	Castillo	Economic Development	Need 12-15,000 sf of retail spaces with reasonable lease per sf and buildings that are 20 to 50,000 sf for industrial and manufacturing
2	Gonzales-Sanchez	Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods	Complete 2015 CO projects and need budget of \$250,000 per year for streets, continue water and sewer main replacements; continue electric distribution maintenance plan-get new substation on line. Replace bad water raw water mains and find additional water for the future. Most streets that lack curbing will need to be totally reconstructed. Brighter LED lights being experimented with since costs have come down.
2	Hilburn	Implement City Signage	Initial required funds up to \$40,000 if City Crew does the work; total cost could be more than \$70,000
2	Mendoza	New Park equipment. Funding Source: Each Councilmember responsible for a park and finding funding sources	Estimate: \$ 400,000 annually over next 4 years based on input from Parks Board Advisory Board
2	Michelson	Continue to improve ways to attract businesses to Lockhart	Need more 12-15,000 sf of retail spaces with reasonable lease per sf and buildings that are 20 to 50,000 sf for industrial and manufacturing
2	Westmoreland	Create a policy for the residency of future administrative positions to live within the Lockhart city limits. If an administrator wants to be employed by the City of Lockhart, they need to reside here. Sharing in the daily lives of our citizens seems crucial to making decisions about Lockhart. They are paid by city taxes.	It is not legal to require all department heads to live in the City limits; only the City Manager is required to do so. All non-24 emergency response employees must live within 25 minutes of City Limits
2	White	Continue street rehab	Need \$ 250,000 annually minimum for street work materials
3	Castillo	City Facilities	Not sure what this includes; can assess all departments for physical needs
3	Gonzales-Sanchez	Economic Development: Recruit more businesses especially retail and continue efforts ; contact existing and vacant bldg owners to see if they are willing to work with City to bring these small retail businesses, as well as industrial; possibly purchasing two downtown county buildings when on the market for possible new businesses in the downtown area. Stronger platform with LEDC with methods to sell Lockhart and attract businesses.	LEDC could fund another report but the company says our numbers still should be good. Costs estimated \$22,500 for updating data and recruitment. Prime softgood companies constantly want to be on Highway 183 in 12-15,000 sf and at a reasonable cost per sf plus higher traffic counts.

Lockhart City Council
FY 16-17 Goals
Revised 3-10-2016, 8:30 pm

Priority	Council Person	Goals Submitted	City Manager Comments
3	Hilburn	Continue improving city streets: Increase Transportation Fund	Current transportation monthly rate is \$ 4 for residential and others; \$260,000 annual which helps fund labor and equipment, but is not sufficient for materials. Another \$250,000 for materials is needed annually.
3	Mendoza	Wi-Fi Free Zones Downtown Square. Funding source City Budget, School District, Downtown sponsors	Rough estimate is about \$12,000
3	Michelson	Refurbish City Hall	If atrium removed, add more offices estimated at \$45,000 and more outside landscaping estimated at \$ 5,000; elevator going in with improvements to restrooms and offices
3	Westmoreland	Approach interested and future businesses cordially. Stringent ordinances (and the way they are approached), scare off some businesses. Let's be friendly in a positive way.	City Mgr respectfully requests names of such businesses. He has met with 18 business representatives over past 15 months that were looking at Lockhart but did not come. Except for the non-residential exterior building esthetics ordinance, none of them indicated a problem with the current ordinances or with staff. The main problems were high land prices and the lack of "ready built retail and industrial buildings", and traffic counts were not high enough. Most thought the impact fee schedules were very reasonable compared to other cities. Will continue to work toward friendlier customer service with simplified ordinances.
3	White	Park master plan to consider park bond issue, recreation dept and staff issues	Master Plan estimate: \$ 45,000, recreation dept est at least \$ 60,000 for a recreational professional with another \$30,000 for equipment and materials
4	Castillo	Employees Wages	Est Cost Per % Increase Annually: Gen Fund (Not Civil Serv) \$ 29,000; Gen Fund Civil Serv \$ 24,000; Other/Utilities: \$ 15,000- Add'l Cost FY 16-17 due to Civil Serv Pay Plan Expansions already approved: \$ 132,000
4	Gonzales-Sanchez	Police Task Force: Budget extra funds to bring back a much needed Police Task Force to address any drug and gang related problems this city is being faced with especially on the East side of our city. Possibly ask the County to assist with funding.	Initial required funds up to \$40,000 if City Crew does the work; total cost could be more than \$70,000
4	Hilburn	Continue working on bringing industry to Lockhart: Continue supporting Ms. Mauldin	LEDC is will have sufficient funding to be more aggressive starting FY 16-17
4	Mendoza	Training Start up: Neighborhood Watch Training and Program: Police Budget	Have tried Neighborhood Watch Program in past but was not sustained because of lack of participation. Willing to try again.
4	Michelson	Improve signage on HWY 183 as well as SH130 = directing people to Lockhart	Possibly use of some of the KTB grant money
4	Westmoreland	Evaluate and/or change the degree of the angled parking along the 4 blocks off of the square. This would be: Main Street from Market to Prairie Lea Street; Main Street from San Antonio Street to Walnut Street; Commerce Street from Market Street to Prairie Lea Street, and Commerce Street from San Antonio Street to Walnut Street. These parking spaces were made before long vehicles were made! If there are cars parked on both sides of the streets, only one car can pass through at a time. Then it becomes a one lane street. I have witnessed a different angled parking arrangement, and it provides more room and is much safer for the drivers and pedestrians.	Estimate to black out existing thermoplastic markings, redefine layout, and apply new thermoplastic markings with angle parking = \$ 12,000; will probably lose 4 spaces per block. 2 on each side
4	White	Branding and wayfinding—may be included in #1	Initial required funds up to \$40,000 if City Crew does the work; total cost could be more than \$70,000
5	Castillo	Parks	Estimate: \$ 400,000 annually over next 4 years based on input from Parks Board Advisory Board
5	Gonzales-Sanchez	Subdivision development to attract more businesses to Lockhart	Working with 6 more subdivisions, either new or expanding, and possibly one more very large one northwest.
5	Hilburn	Improve tourism in Lockhart - City Council continue to work with and encourage Chambers of Commerce to be more involved	Council can make this directive to Chambers when dividing out HOT funds
5	Mendoza	Finding more funding for Retail Market Study. Zip code demographics with reports. Funding LEDC	LEDC could fund another report but the company says our numbers still should be good. Costs estimated \$22,500 for updating data and recruitment.

Lockhart City Council
FY 16-17 Goals
Revised 3-10-2016, 8:30 pm

Priority	Council Person	Goals Submitted	City Manager Comments
5	Michelson	Work with LEDC or someone equivalent to build a building to help attract business	Need more 12-15,000 sf of retail spaces with reasonable lease per sf. Most softgood retailers want 12-15,000 on Hwy 183 at a reasonable price and increased traffic volumes
5	White	Sidewalks to include lighting	Funding required; for example San Jacinto to Jr High estimate is \$130,000 just for materials along Maple walkway
6	Gonzales-Sanchez	More Events to Attract Tourism in Lockhart and Include Way Finding Signage (Hotels and Restaurants)	Initial required funds up to \$40,000 if City Crew does the work; total cost could be more than \$70,000. Chambers could use HOT for more tourism.
6	Michelson	Continue to work on City Park improvements	Estimate: \$ 400,000 annually over next 4 years based on input from Parks Board Advisory Board
6	White	Pursue possible ESD-EMS district	Legal issue with participation by County and City of Luling preferable
7	Gonzales-Sanchez	Parks Improvemens: Purchase more park equipment to provide safe and fun filled parks for all to use.	Estimate: \$ 400,000 annually over next 4 years based on input from Parks Board Advisory Board
7	Mendoza	Start Talks With YMCA Austin again. Seek sponsors funding if necessary	Our population hurt in previous discussions, Will pursue again. They usually want commitment for a minimum number of individuals and families depending on population of not only City but its metro area
7	Michelson	Work on building a civic center/ recreation center	\$ 9 million plus land \$ 2.5 million for about 20,000 sf plus about \$240,000 annual maintenance costs and minimum of \$60,000 for utilities; estimated revenues offset is about \$60,000; take out recreation center and cost go down about 20%. It has been reported that Bastrop is spending over \$500,000 per year to operate its civic center. Revenues not covering costs.
7	White	Cemetery maintenance	Cemetery Tax up to 5 cents allowed by State Law
8	Gonzales-Sanchez	City Hall: Refurbish with Improvements and/or Upgrades	Elevator and improvements to restrooms planned; better offices for Connie and Sandra planned also.
9	Gonzales-Sanchez	Convention Center	\$ 9 million plus land \$ 2.5 million for about 20,000 sf plus about \$240,000 annual maintenance costs and minimum of \$60,000 for utilities; estimated revenues offset is about \$60,000; take out recreation center and cost go down about 20%. It has been reported that Bastrop is spending over \$500,000 per year to operate its civic center. Revenues not covering costs.
10	Gonzales-Sanchez	Employee: Possible additional Employee Holiday Time off-Alternating system	City employees now have 12 holidays and 1 personal holiday; time off is granted by seniority with department head responsible for keeping sufficient personnel to serve the public needs. Employees also receive at least 2 weeks of vacation time. Those employees required to work on holidays receive their normal pay plus holiday pay.

City of Lockhart
Future Debt Payments as of 9/30/18

Description		Paid Debt	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	TOTAL DEBT
General Government																					
Hotel Tax Fund																					
2016 GO Refunding			40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000								400,000
Total Hotel Tax Fund P & I			-	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	-	-	-	-	-	-	-	400,000
LEDC																					
2015 Tax & Revenue	100.00%		48,093	48,044	48,103	48,152	63,645	63,670	63,513	63,543	63,555	63,643	63,687	65,647	65,544	65,575	65,482	65,579	65,538	65,676	1,048,596
Total LEDC Fund P & I			48,093	48,044	48,103	48,152	63,645	63,670	63,513	63,543	63,555	63,643	63,687	65,647	65,544	65,575	65,482	65,579	65,538	65,676	1,048,596
2015 Capital Projects Fund																					
2015 Tax & Revenue																					-
Total 2015 Capital Projects Fund Fund P & I			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drainage																					
2015 Tax & Revenue			100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,700,000
Total Drainage Fund P & I			100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,700,000
General Fund																					
2015 Tax & Revenue																					-
Total General Fund P & I			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Debt Service Fund																					
2006 Tax & Rev CO's	100.00%		47,175	50,535	48,690	46,845															146,070
2006-A Tax & Rev CO's	93.00%		267,890	267,803	267,332	271,128															806,264
2015 Tax & Revenue	TRNSF		186,594	186,302	186,653	186,945	279,275	279,421	278,487	278,662	278,735	279,261	279,523	291,203	290,590	290,773	290,222	290,798	290,554	291,374	4,548,778
2015 Tax & Revenue	12.00%		117,779	117,659	117,803	117,923	155,867	155,927	155,543	155,615	155,645	155,861	155,969	160,769	160,517	160,592	160,365	160,602	160,502	160,831	2,567,990
2016 GO Refunding	74.84%		171,056	346,930	361,150	353,161	656,899	666,927	661,698	666,974	673,111	670,566	678,350	-	-	-	-	-	-	-	5,735,766
Total Debt Service Fund P & I			790,494	969,229	981,628	976,002	1,092,041	1,102,275	1,095,728	1,101,251	1,107,491	1,105,688	1,113,842	451,972	451,107	451,365	450,587	451,400	451,056	452,205	13,804,868
Total General Government			938,587	1,157,273	1,169,731	1,164,154	1,295,686	1,305,945	1,299,241	1,304,794	1,311,046	1,309,331	1,317,529	617,619	616,651	616,940	616,069	616,979	616,594	617,881	16,953,464

Future Debt Payments as of 9/30/18

Description	Paid Debt	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	TOTAL DEBT
Proprietary																				
Electric Fund																				
2013 SIB Loan	30.81%	71,151	71,152	71,151	71,151	71,151	71,151	71,151	71,152	71,151	71,151	71,151	71,151	71,151	71,151	71,151	71,152	-	-	1,067,268
Total Electric Fund P & I	-	71,151	71,152	71,151	71,151	71,151	71,151	71,151	71,152	71,151	71,151	71,151	71,151	71,151	71,151	71,151	71,152	-	-	1,067,268
Water Fund																				
2006A Tax & Rev CO's	7.00%	20,164	20,157	20,122	20,408															60,687
2015 Tax & Revenue	49.60%	486,818	486,322	486,917	487,413	644,248	644,496	642,909	643,207	643,331	644,223	644,670	664,510	663,468	663,778	662,842	663,822	663,406	664,800	10,614,362
2016 GO Refunding	21.81%	49,849	101,103	105,247	102,919	191,435	194,357	192,833	194,371	196,159	195,418	197,686	-	-	-	-	-	-	-	1,671,528
2013 SIB Loan	35.80%	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	1,240,140
Total Water Fund P & I	-	639,507	690,258	694,962	693,416	918,359	921,529	918,418	920,254	922,166	922,317	925,032	747,186	746,144	746,454	745,518	746,498	663,406	664,800	13,586,717
Sewer Fund																				
2015 Tax & Revenue	4.30%	42,204	42,161	42,213	42,256	55,852	55,874	55,736	55,752	55,773	55,850	55,889	57,609	57,518	57,545	57,464	57,549	57,513	57,643	920,197
2016 GO Refunding	3.35%	7,657	15,529	16,166	15,808	29,404	29,853	29,619	29,855	30,130	30,016	30,364	-	-	-	-	-	-	-	256,744
2013 SIB Loan	33.39%	77,102	77,103	77,102	77,102	77,103	77,102	77,102	77,103	77,102	77,102	77,103	77,102	77,102	77,103	77,102	77,102	77,102	77,102	1,156,537
Total Sewer Fund P & I		126,963	134,793	135,481	135,166	162,359	162,829	162,457	162,710	163,005	162,968	163,356	134,711	134,620	134,648	134,566	134,651	57,513	57,643	2,333,478
Total Proprietary Fund P & I	-	837,621	896,203	901,594	899,733	1,151,869	1,155,510	1,152,026	1,154,116	1,156,323	1,156,436	1,159,539	953,049	951,915	952,253	951,236	952,301	720,919	722,443	16,987,463
Grand Total		1,776,208	2,053,476	2,071,326	2,063,887	2,447,555	2,461,455	2,451,267	2,458,910	2,467,369	2,465,767	2,477,068	1,570,668	1,568,566	1,569,193	1,567,305	1,569,280	1,337,513	1,340,324	33,940,927

City of Lockhart
2015 BOND PROGRAM

Cost	Notes	Task Name	Duration	Start	Finish	2015												2016												2017											
						Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
\$14,124,890.00		TOTAL PROJECT COST				[Gantt chart showing total project duration from Feb 2015 to Jan 2017]																																			
\$2,068,024.00	1	DRAINING IMPROVEMENTS CONTRACT 1 - Mesquite/Wichita Street & Richland Drive				[Gantt chart for Contract 1: Feb 2015 to Mar 2016]																																			
		Surveying Proposal	17 days	Fri 3/6/15	Sun 3/22/15	[Task bar]																																			
		Survey	30 days	Mon 3/23/15	Tue 4/21/15	[Task bar]																																			
		Acquisition	120 days	Wed 4/22/15	Wed 8/19/15	[Task bar]																																			
		Engineering Design	90 days	Wed 4/22/15	Mon 7/20/15	[Task bar]																																			
		Bid Ad/NTP	60 days	Tue 7/21/15	Fri 9/18/15	[Task bar]																																			
		Construction	180 days	Sat 9/19/15	Wed 3/16/16	[Task bar]																																			
\$1,999,200.00	2	DRAINAGE IMPROVEMENTS CONTRACT 2 - Century Oaks/Market Street, & Ash/Comal Streets				[Gantt chart for Contract 2: Mar 2015 to May 2016]																																			
		Surveying Proposal	17 days	Fri 3/6/15	Sun 3/22/15	[Task bar]																																			
		Survey	30 days	Sat 4/25/15	Sun 5/24/15	[Task bar]																																			
		Acquisition	150 days	Mon 5/25/15	Wed 10/21/15	[Task bar]																																			
		Engineering Design	120 days	Mon 5/25/15	Mon 9/21/15	[Task bar]																																			
		Bid Ad/NTP	60 days	Tue 9/22/15	Fri 11/20/15	[Task bar]																																			
		Construction	180 days	Sat 11/21/15	Wed 5/18/16	[Task bar]																																			
\$3,394,038.00	3	DRAINAGE IMPROVEMENTS CONTRACT 3 - Downtown Improvements Project				[Gantt chart for Contract 3: Aug 2015 to May 2017]																																			
		Surveying Proposal	15 days	Sun 8/2/15	Sun 8/16/15	[Task bar]																																			
		Survey	45 days	Mon 8/17/15	Wed 9/30/15	[Task bar]																																			
		Engineering Design	180 days	Thu 10/1/15	Mon 3/28/16	[Task bar]																																			
		Bid Ad/NTP	60 days	Tue 3/29/16	Fri 5/27/16	[Task bar]																																			
		Construction	365 days	Sat 5/28/16	Sat 5/27/17	[Task bar]																																			
\$323,400.00	4	DRAINAGE IMPROVEMENTS CONTRACT 4 - Medina & US183 Project				[Gantt chart for Contract 4: Nov 2015 to Jun 2016]																																			
		Surveying Proposal	15 days	Sun 11/1/15	Sun 11/15/15	[Task bar]																																			
		Survey	7 days	Mon 11/16/15	Sun 11/22/15	[Task bar]																																			
		Acquisition	90 days	Mon 11/23/15	Sat 2/20/16	[Task bar]																																			
		Engineering Design	60 days	Mon 11/23/15	Thu 1/21/16	[Task bar]																																			
		Bid Ad/NTP	60 days	Fri 1/22/16	Mon 3/21/16	[Task bar]																																			
		Construction	90 days	Tue 3/22/16	Sun 6/19/16	[Task bar]																																			
\$1,764,000.00	5	FM 2001 ELEVATED TANK PROJECT				[Gantt chart for Contract 5: Jan 2016 to Jun 2016]																																			
		Surveying Proposal	15 days	Sat 1/2/16	Sat 1/16/16	[Task bar]																																			
		Survey	15 days	Sun 1/17/16	Sun 1/31/16	[Task bar]																																			
		Acquisition	120 days	Mon 2/1/16	Mon 5/30/16	[Task bar]																																			
		Engineering Design	90 days	Mon 2/1/16	Sat 4/30/16	[Task bar]																																			
		Bid Ad/NTP	60 days	Sun 5/1/16	Wed 6/29/16	[Task bar]																																			

City of Lockhart
2015 BOND PROGRAM

Cost	Notes	Task Name	Duration	Start	Finish	2015												2016												2017											
						Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
\$1,355,516.00	6	Construction	365 days	Thu 6/30/16	Thu 6/29/17																																				
		Surveying Proposal	15 days	Mon 1/18/16	Mon 2/1/16																																				
		Survey	30 days	Tue 2/2/16	Wed 3/2/16																																				
		Acquisition	150 days	Thu 3/3/16	Sat 7/30/16																																				
		Engineering Design	120 days	Thu 3/3/16	Thu 6/30/16																																				
		Bid Ad/NTP	60 days	Fri 7/1/16	Mon 8/29/16																																				
		Construction	300 days	Fri 9/2/16	Wed 6/28/17																																				
\$470,400.00	7	SH130 PUMP STATION PROJECT																																							
		Survey	7 days	Mon 4/25/16	Sun 5/1/16																																				
		Engineering Design	90 days	Mon 5/2/16	Sat 7/30/16																																				
		Bid Ad/NTP	60 days	Sun 7/31/16	Wed 9/28/16																																				
\$859,186.00	8	SH130/TOWN BRANCH SEWER PROJECT																																							
		Surveying Proposal	15 days	Fri 5/20/16	Fri 6/3/16																																				
		Survey	30 days	Sat 6/4/16	Sun 7/3/16																																				
		Acquisition	120 days	Mon 7/4/16	Mon 10/31/16																																				
		Engineering Design	90 days	Mon 7/4/16	Sat 10/1/16																																				
		Bid Ad/NTP	60 days	Sun 10/2/16	Wed 11/30/16																																				
\$1,891,126.00	9	WATER TRANSMISSION MAIN PROJECT - Water Plant Transmission Main, MLK to FM 20 West Transmission Main																																							
		Surveying Proposal	17 days	Wed 11/16/16	Fri 12/2/16																																				
		Survey	30 days	Sat 12/3/16	Sun 1/1/17																																				
		Acquisition	120 days	Mon 1/2/17	Mon 5/1/17																																				
		Engineering Design	90 days	Mon 1/2/17	Sat 4/1/17																																				
		Bid Ad/NTP	60 days	Sun 4/2/17	Wed 5/31/17																																				
		Construction	180 days	Mon 6/5/17	Fri 12/1/17																																				