



McAlester City Council

NOTICE OF MEETING

Amended

Special Meeting Agenda

Tuesday, March 31, 2009 – 6:00 pm
McAlester City Hall – Council Chambers
28 E. Washington

Kevin E. Priddle	Mayor
Chris B. Fielder	Ward One
Donnie Condit	Ward Two
John Browne	Ward Three
Haven Wilkinson	Ward Four
Buddy Garvin	Vice-Mayor, Ward Five
Sam Mason	Ward Six
Mark B. Roath	City Manager
William J. Ervin	City Attorney
Cora M. Middleton	City Clerk

This agenda has been posted at the McAlester City Hall, distributed to the appropriate news media, and posted on the City website: www.cityofmcalester.com within the required time frame.

The Mayor and City Council request that all cell phones and pagers be turned off or set to vibrate. Members of the audience are requested to step outside the Council Chambers to respond to a page or to conduct a phone conversation.

The McAlester City Hall is wheelchair accessible. Sign interpretation or other special assistance for disabled attendees must be requested 48 hours in advance by contacting the City Clerk's Office at 918.423.9300, Extension 4956.

CALL TO ORDER

Announce the presence of a Quorum.

ROLL CALL

PUBLIC HEARING

All persons interested in any ordinance listed under Scheduled Business shall have an opportunity to be heard in accordance with Article 2, Section 2.12(b) of the City Charter.

- **Consider, and act upon, an Ordinance amending Ordinance No. 2299, which established the Budget for Fiscal Year 2008-2009; repealing all conflicting ordinances; providing for a Severability Clause; and Declaring an Emergency. (Harold Stewart, Fire Chief)**

SCHEDULED BUSINESS

1. Consider, and act upon, an Ordinance amending Ordinance No. 2299, which established the Budget for Fiscal Year 2008-2009; repealing all conflicting ordinances; providing for a Severability Clause; and Declaring an Emergency. *(Harold Stewart, Fire Chief)*
2. Consider, and act upon, awarding a bid to Midwest Vehicle Professionals, Inc., in the amount of \$98,750 for a 2008 Ford E450 Wheeled Coach 165" Modular, Bulkhead, Type III Ambulance. *(Harold Stewart, Fire Chief)*
3. Consider, and act upon, authorizing the Mayor to enter into Lease Purchase Agreement with First National Bank & Trust Company of McAlester to fund the purchase of the ambulance for a term of five years at 4.75% interest per annum. *(Harold Stewart, Fire Chief)*
4. Discussion, and possible action, on review of certain City properties that might be declared surplus and disposed of in accordance with State and local laws and/or ordinances. *(George Marcangeli, City Engineer/Public Works Director; David Medley, Utilities Director and Mel Priddy, Community Services Director)*
5. Discussion, and possible action, on the March 2008 Tank Inspection Report prepared by Utility Service Company, Inc. *(David Medley, Utilities Director)*
6. Consider, and act upon, authorizing the Mayor to sign an Addendum to the 2008-2009 Contract with the McAlester Economic Development Service, Inc. *(William J. Ervin, City Attorney)*
7. Approval of Claim for McAlester Economic Development Service, Inc. in the amount of \$20,500. *(Sherry Alessi, Assistant Chief Financial Officer)*
8. Consider, and act upon, rescheduling the Regular Meeting of the McAlester City Council from Tuesday, April 14, 2009 to Monday, April 13, 2009. *(Mark B. Roath, City Manager)*

EXECUTIVE SESSION

Recess into Executive Session in compliance with Section Title 25 Section 307 (B), et.seq. Oklahoma Statutes, to wit:

- Section 307 (B) (2) - Discussion concerning current status of the collective bargaining negotiations with the IAFF and FOP.

RECONVENE INTO OPEN SESSION

Take any action as a result from Executive Session.

ADJOURNMENT**CERTIFICATION**

I certify that this Notice of Meeting was posted on this ___ day of ____, 2009 at ___ a.m./ p.m. as required by law in accordance with Section 303 of the Oklahoma Statutes and that the appropriate news media was contacted. As a courtesy, this agenda is also posted on the City of McAlester website: www.cityofmcalester.com.

Cora M. Middleton, City Clerk

ADDENDUM

The 2008-2009 Contract between the City of McAlester, a municipal corporation (City) and McAlester Economic Development Service, Inc., a non profit corporation (MEDS) is hereby amended by agreement of the parties in the following particulars, to-wit:

Section 1: Paragraph 2 - Payment For Services page 1 is amended by adding a new subparagraph A (1) (a) to state as follows:

(a) That in addition to those payments set forth above in paragraph A and subparagraph (1), the City agrees to pay to MEDS the supplemental sum of \$20,500.00 in a single payment, not subject to pro-ration, for this Contract only.

Section 2: That in all other respects, the terms and provisions of this Contract shall remain unamended and in full force and effect.

Executed and adopted upon motion duly made, seconded and passed this ____ day of April, 2009 for the City of McAlester.

CITY OF McALESTER, OKLAHOMA
A Municipal Corporation

(SEAL)

By _____
Kevin E. Priddle, Mayor

ATTEST:

Cora Middleton, City Clerk

APPROVED AS TO FORM AND LEGALITY:

Ervin & Ervin, City Attorneys, by William J. Ervin

Executed and adopted upon motion duly made, seconded and passed this ____ day of April, 2009 for the McAlester Economic Development Service, Inc.

McALESTER ECONOMIC DEVELOPMENT SERVICE, INC.

By _____
Kenneth R. Miller, President

(SEAL)

ATTEST:

James E. Mills, Secretary

PACKET: 04225 MEDS

VENDOR SET: 01

FUND : 30 ECONOMIC DEVELOPMENT

DEPARTMENT: 211 ** INVALID DEPT **

BANK: FNB

BUDGET TO USE: CB-CURRENT BUDGET

VENDOR NAME	ITEM #	G/L ACCOUNT NAME	DESCRIPTION	CHECK#	AMOUNT
01-M00270 MEDS	1-000903260951	30 -5211360	MC ECONOMIC D MEDS	045486	20,500.00
DEPARTMENT 211 ** INVALID DEPT **				TOTAL:	20,500.00
FUND 30 ECONOMIC DEVELOPMENT				TOTAL:	20,500.00
REPORT GRAND TOTAL:					20,500.00

** G/L ACCOUNT TOTALS **

YEAR	ACCOUNT	NAME	AMOUNT	=====LINE ITEM=====		=====GROUP BUDGET=====	
				ANNUAL BUDGET	BUDGET OVER AVAILABLE BUDG	ANNUAL BUDGET	BUDGET OVER AVAILABLE BUDG
2008-2009	30 -5211360	MC ECONOMIC DEVELOPMENT	20,500.00	170,500	0.00		
		** 2008-2009 YEAR TOTALS **	20,500.00				

** DEPARTMENT TOTALS **

ACCT	NAME	AMOUNT
30 -211	** INVALID DEPT **	20,500.00

30 TOTAL	ECONOMIC DEVELOPMENT	20,500.00

	** TOTAL **	20,500.00

1 ERROR

** END OF REPORT **



McAlester City Council

NOTICE OF MEETING

Special Meeting Agenda

Tuesday, March 31, 2009 – 6:00 pm
McAlester City Hall – Council Chambers
28 E. Washington

Kevin E. Priddle.....	Mayor
Chris B. Fielder.....	Ward One
Donnie Condit.....	Ward Two
John Browne.....	Ward Three
Haven Wilkinson.....	Ward Four
Buddy Garvin.....	Vice-Mayor, Ward Five
Sam Mason.....	Ward Six
Mark B. Roath.....	City Manager
William J. Ervin.....	City Attorney
Cora M. Middleton.....	City Clerk

This agenda has been posted at the McAlester City Hall, distributed to the appropriate news media, and posted on the City website: www.cityofmcalester.com within the required time frame.

The Mayor and City Council request that all cell phones and pagers be turned off or set to vibrate. Members of the audience are requested to step outside the Council Chambers to respond to a page or to conduct a phone conversation.

The McAlester City Hall is wheelchair accessible. Sign interpretation or other special assistance for disabled attendees must be requested 48 hours in advance by contacting the City Clerk's Office at 918.423.9300, Extension 4956.

CALL TO ORDER

Announce the presence of a Quorum.

ROLL CALL

PUBLIC HEARING

All persons interested in any ordinance listed under Scheduled Business shall have an opportunity to be heard in accordance with Article 2, Section 2.12(b) of the City Charter.

- Consider, and act upon, an Ordinance amending Ordinance No. 2299, which established the Budget for Fiscal Year 2008-2009; repealing all conflicting ordinances; providing for a Severability Clause; and Declaring an Emergency. *(Harold Stewart, Fire Chief)*

SCHEDULED BUSINESS

1. Consider, and act upon, an Ordinance amending Ordinance No. 2299, which established the Budget for Fiscal Year 2008-2009; repealing all conflicting ordinances; providing for a Severability Clause; and Declaring an Emergency. *(Harold Stewart, Fire Chief)*

2. Consider, and act upon, awarding a bid to Midwest Vehicle Professionals, Inc., in the amount of \$98,750 for a 2008 Ford E450 Wheeled Coach 165” Modular, Bulkhead, Type III Ambulance. *(Harold Stewart, Fire Chief)*
3. Consider, and act upon, authorizing the Mayor to enter into Lease Purchase Agreement with First National Bank & Trust Company of McAlester to fund the purchase of the ambulance for a term of five years at 4.75% interest per annum. *(Harold Stewart, Fire Chief)*
4. Discussion, and possible action, on review of certain City properties that might be declared surplus and disposed of in accordance with State and local laws and/or ordinances. *(George Marcangeli, City Engineer/Public Works Director; David Medley, Utilities Director and Mel Priddy, Community Services Director)*
5. Discussion, and possible action, on the March 2008 Tank Inspection Report prepared by Utility Service Company, Inc. *(David Medley, Utilities Director)*

EXECUTIVE SESSION

Recess into Executive Session in compliance with Section Title 25 Section 307 (B), et.seq. Oklahoma Statutes, to wit:

- Section 307 (B) (2) - Discussion concerning current status of the collective bargaining negotiations with the IAFF and FOP.

RECONVENE INTO OPEN SESSION

Take any action as a result from Executive Session.

**ADJOURNMENT
CERTIFICATION**

I certify that this Notice of Meeting was posted on this ___ day of ____, 2009 at ___ a.m./ p.m. as required by law in accordance with Section 303 of the Oklahoma Statutes and that the appropriate news media was contacted. As a courtesy, this agenda is also posted on the City of McAlester website: www.cityofmcalester.com.

Cora M. Middleton, City Clerk



McAlester City Council

AGENDA REPORT

Meeting Date: March 31, 2009 Item Number: 1
Department: Fire
Prepared By: Harold Stewart Account Code: _____
Date Prepared: 03/23/09 Budgeted Amount: _____
Exhibits: One

Subject

Consider, and act upon, an Ordinance amending Ordinance No. 2299, which established the Budget for Fiscal Year 2008-2009; repealing all conflicting ordinances; providing for a Severability Clause; and Declaring an Emergency.

Recommendation

Motion to approve an Ordinance amending Ordinance No. 2299, repealing all conflicting ordinances; providing for a Severability Clause; and Declaring an Emergency.

Discussion

The attached Budget Amendment Ordinance is to fund the first year of a proposed five year Lease Purchase for the ambulance.

Approved By

	<i>Initial</i>	<i>Date</i>
Department Head	<u>HS</u>	<u>03/23/09</u>
City Manager	<u>MBR</u>	<u>03/23/09</u>

ORDINANCE NO. ____

AN ORDINANCE OF THE CITY OF McALESTER, OKLAHOMA, AMENDING ORDINANCE NO. 2299 WHICH ESTABLISHED THE BUDGET FOR FISCAL YEAR 2008-2009; REPEALING ALL CONFLICTING ORDINANCES; PROVIDING FOR A SEVERABILITY CLAUSE; AND DECLARING AN EMERGENCY.

WHEREAS, the City Council heretofore adopted Ordinance No. 2299 setting forth the Budget for Fiscal Year 2008-2009 beginning July 1, 2008 and ending June 30, 2009; and

WHEREAS, the City Departments and Divisions routinely review their budget appropriations to determine if any changes are necessary; and

WHEREAS, based upon said review the City staff now recommends that certain amendment to the Budget be considered by the City Council; and

WHEREAS, the City Council has the authority to make amendments to the City Budget under Article 5, Section 5.07 (b) of the City Charter as well as State law; and

WHEREAS, the City Council has determined that the proposed amendment to the FY 2008-2009 Budget, which is for a new ambulance is in the best interest of the City; and therefore, desires to adopt the same by formal action.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF McALESTER, OKLAHOMA:

SECTION 1: The proposed amendment to the FY 2008-2009 Budget of the City of McAlester, Oklahoma, as heretofore adopted by Ordinance, as summarized in Exhibit A-1, which is attached hereto and fully incorporated herein by reference, be, and the same is hereby completely adopted and approved as an amendment to the said FY 2008-2009 Budget.

SECTION 2: All portions of the existing FY 2008-2009 Budget, Ordinance No. 2299 except as specifically herein amended, shall remain in full force and effect, and not be otherwise affected by the adoption of the amendatory ordinance.

SECTION 3: That all other ordinances in conflict herewith are hereby repealed to the extent of any such conflict or inconsistency and all other ordinances not in conflict herewith shall remain in full force and effect.

SECTION 4: Should any paragraph, sentence, sub-division, clause, phrase, or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the

same shall not affect the validity of this ordinance as a whole or any part or provision thereof, other than the part or parts as declared to be invalid, illegal, or unconstitutional.

SECTION 5: That an emergency is hereby declared to exist, and for the provision of the public peace, health and safety, by reason whereof it is necessary that all acts take effect immediately and be in full force and effect from, and after the passage and approval.

PASSED and the EMERGENCY CLAUSE ruled on separately this 31st day of March, 2009.

**CITY OF MCALESTER, OKLAHOMA
A Municipal Corporation**

By _____
Kevin E. Priddle, Mayor

ATTEST:

Cora Middleton, City Clerk

Approved as to form and legality this 31st day of March, 2009.

William J. Ervin, City Attorney

FY 2008-2009 BUDGET AMENDMENT

GENERAL FUND (01)

Estimated Fund Balance 6/30/08	-
FY 08-09 Budgeted Revenues	14,257,972
FY 08-09 Budgeted Appropriations	(14,209,838)
Additional Revenue	-
Budget Amendments	(22,700)
Estimated Ending Fund Balance	<u>25,434</u>

DEPARTMENT	FUND	ACCOUNT NO.	REV/EXP	AMOUNT	DESCRIPTION
------------	------	-------------	---------	--------	-------------

APPROPRIATIONS

Fire Department	01	5431510	EXP	22,700	Tax exempt lease purchase for new ambulance 5 year annual payment at 4.75%
-----------------	----	---------	-----	--------	---



McAlester City Council

AGENDA REPORT

Meeting Date: March 31, 2009 Item Number: 2
Department: Fire
Prepared By: Harold Stewart Account Code: _____
Date Prepared: 03/20/09 Budgeted Amount: _____
Exhibits: Five

Subject

Consider, and act upon, awarding a bid to Midwest Vehicle Professionals, Inc., in the amount of \$98,750 for a 2008 Ford E450 Wheeled Coach 165" Modular, Bulkhead, Type III Ambulance

Recommendation

Motion to approve a bid award to purchase one new 2008 Wheeled Coach-165, Bulkhead, Type III Ambulance, in the amount of \$98,750

Discussion

On February 5, 2009 Medic 2, a 2000 Wheeled Coach ambulance, was involved in a traffic accident. The ambulance sustained major body and frame damage and is considered to be a total loss.

On February 24, 2009 the Fire Department advertised for a replacement ambulance. Four bid packages were sent to vendors. One bid proposal was received and opened on March 19, 2009 at 9:00am. It was reviewed by the Fire Administration. The bid received was from Midwest Vehicle Professionals, Inc. The equipment bid from M.V.P. met minimum requirements of the specifications. (See attached documents)

The Fire Administration now recommends the award of the bid, in the amount of \$98,750, to Midwest Vehicle Professions, Inc.

Approved By

	<i>Initial</i>	<i>Date</i>
Department Head	HRS	03/20/09
City Manager	MBR	03/20/09

BID PROPOSAL

City of McAlester
 Municipal Building
 McAlester, OK 74501

Gentlemen:

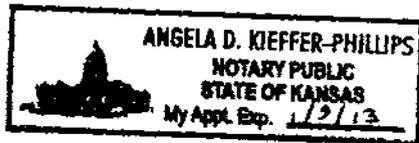
The undersigned, having familiarized (himself) (themselves) (itself) with the "Instruction to Bidders" and "Equipment Specifications", and the form of this "Bid Proposal" hereby proposes to furnish those items at the price indicated as follows:

Item Bid No.	Item Description	Equipment Model/Spec. No.	Total No. To Be Purchased	Unit Price	Total Bid Price
1.	New & Unused 2008 Ambulance Type III Modular Body Class I, Two Wheel Drive 72" Headroom x 165" Length Floor Plan A - Elevating Cot and Squad Bench for ALS	Wheeled Coach 165" Modular Type III	1	\$ 98,750.00	\$ 98,750.00
				Pricing is contingent on approval of the Ford GPC Fleet discount of \$5,200.00	

Attached hereto and made a part hereof are completed City Equipment Specification forms and literature on all items. In submitting this bid, the bidder understands that the right is reserved by the City of McAlester to reject or accept any and/or all bids or any portion thereof.

3/16/09
 DATE

(SEAL)



ATTEST:

Angela D. Kieffer-Phillips

Midwest Vehicle Professionals

 Name of Bidder

BY: *[Signature]*

Title Sales Manager

CITY OF MCALESTER
Engineering Division

NON-COLLUSION AFFIDAVIT

For Fiscal Year: 2009

VENDOR: Midwest Vehicle Professionals, Inc.

STATE OF OKLAHOMA

COUNTY OF Pittsburg

The undersigned, being of lawful age and duly sworn on oath says that (s) he is authorized to submit invoices pursuant to a contract or purchase order, that the work, services, or materials have been completed or supplied in accordance with the plans, specifications, orders, requests, or contract. The affiant further states that (s) he has made no payment directly or indirectly to any elected official, officer or employee of the City of McAlester of money or any other thing of value to obtain payment of this invoice, or procure the contract or purchase order pursuant to which this invoice is submitted.

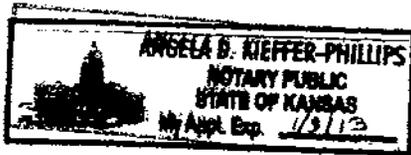
Midwest Vehicle Professionals, Inc.
(Contractor/Supplier)

By: [Signature]
Name

Sales Manager
Title

Subscribed and sworn to before me this 16th day of March, 2009.

(SEAL)

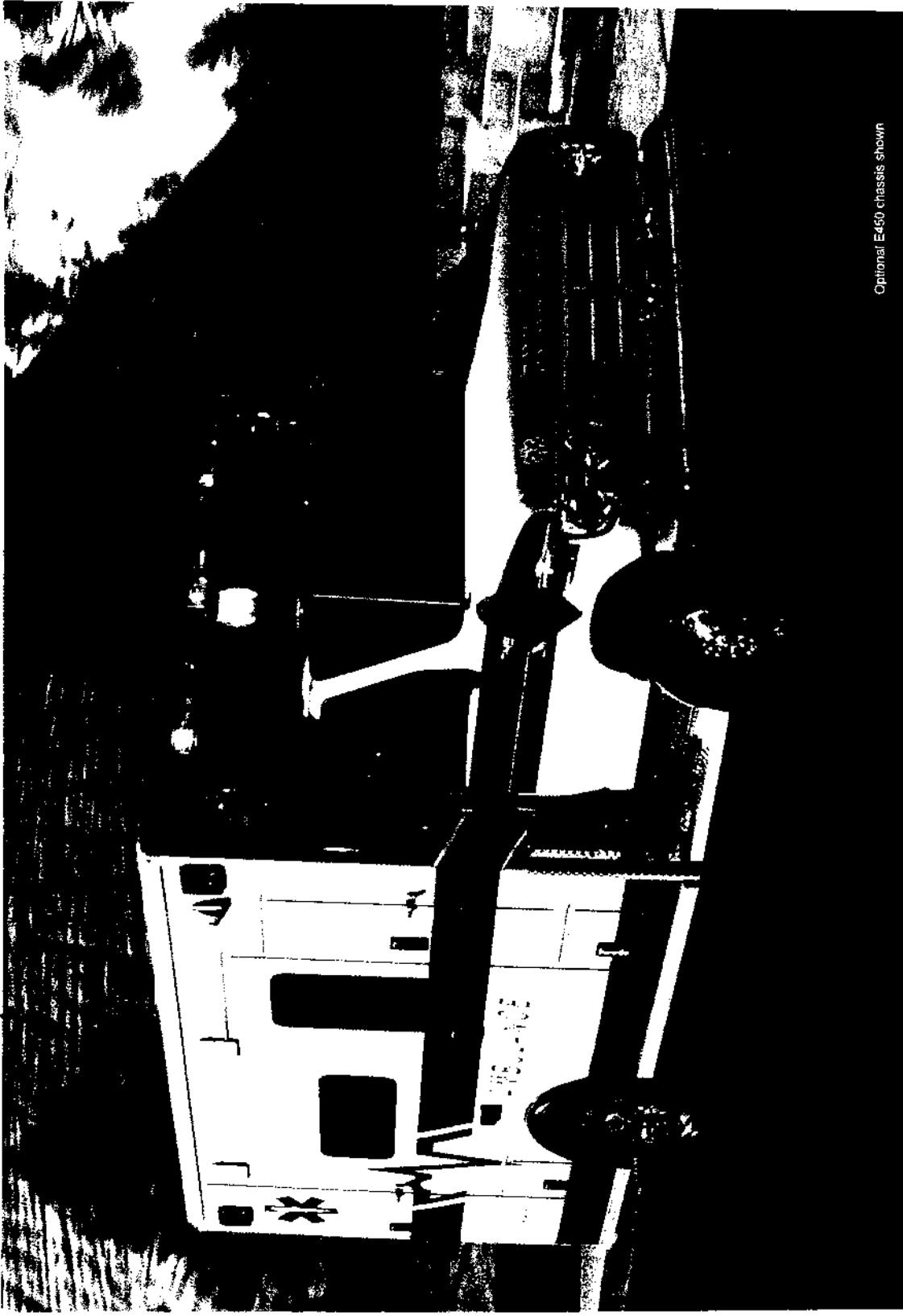


[Signature]
Notary

My commission expires: 3/15/09

**The completed affidavit must be on file before the payment of any invoice of \$1,000.00 or more can be paid to any architect, contractor, engineer or supplier of material. (74 O.S. Supp. 1983, Sec. 3109)

Wheeled Coach Custom Series



Optional E460 chassis shown



Type III

**WHEELED
COACH**
Delivers...



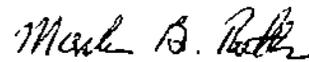
ADVERTISEMENT FOR BIDS

Separate sealed proposals for: ONE (1) AMBULANCE – TYPE III MODULAR BODY CLASS I – TWO REAR WHEEL DRIVE 72” HEADROOM X 165” LENGTH FLOOR PLAN A – ELEVATING COT AND SQUAD BENCH FOR ALS will be received by the McAlester City Clerk, Municipal Building, 28 E. Washington, McAlester, Oklahoma until 9:00 o-clock a.m. on the 19th day of March, 2009. Bids will be publicly opened and read aloud at that time.

Bid Documents, including Instructions to Bidders, Bid Proposal, and Specifications are on file at the Office of the FIRE CHIEF, Municipal Building, 28 E. Washington, McAlester, Oklahoma.

The Owner reserves the right to waive any informalities or to reject any and/or all bids.

Dated this 24th day of February, 2009.



Mark Roath, City Manager

**CITY OF MCALESTER
FIRE DEPARTMENT**

**BID DOCUMENTS
AND
SPECIFICATIONS**

FOR

**ONE (1) AMBULANCE – TYPE III MODULAR BODY CLASS I
– TWO REAR WHEEL DRIVE 72” HEADROOM X 165”
LENGTH FLOOR PLAN A – ELEVATING COT AND SQUAD
BENCH FOR ALS**



February, 2009

McAlester, Oklahoma

INSTRUCTION TO BIDDERS

(Material, Equipment or Vehicles)

1. Bids must be submitted on the "Bidder's Proposal" form only.
2. Bids must be submitted in a sealed, opaque envelope marked as to the items being bid, the date and the time of opening.
3. Bids for vehicles must include the complete vehicle specification sheet, promptly completed and attached to the Bidder's Proposal.
4. Properly completed Affidavit or Non-Collusion must be submitted with each bid.
5. All bids must be filed with the City Clerk prior to the announced bid opening date and time.
6. The City of McAlester reserves the right to accept or reject any and all bids. The City reserves the right to award each line item separately. A single line item will not be awarded to more than one bidder.
7. Bidders are cautioned to verify their proposals before submitting, as requests for amendments to, or withdrawals or proposals after submission will not be considered.
8. All prices are to be quoted F.O.B. McAlester. In those cases of trucks or equipment which the City specifies that attachments are to be made through another vendor, the truck or equipment vendor shall ship the same to the attachment vendor's location. Prices should be F.O.B. to that location. The attachment vendor shall install and price shall be F.O.B. McAlester, Oklahoma.
9. The bidder shall show the proposal both as unit price and the total amount of each item listed. In the event of error in the extension, unit prices shall prevail.
10. Any requested exemption to these terms or conditions or deviations from the written specifications must be clearly shown in writing and attached to the Bidder's Proposal.

11. In the even a cash discount is offered by the bidder, the discount date shall begin with the date of invoice, the date of receipt of material covered by the contract or purchase order, or the date of receipt by the City of McAlester of the original copy of the purchase order with properly executed Affidavit of Claimant, whichever is the latest date.
12. The purchase of certain items of equipment or material by the City of McAlester is exempted from "Federal Excise Tax. In such cases, the bidder will quote prices which do not include Federal Excise Tax.
13. Copies of the Instructions to Bidders, Specifications and Bidder's Proposal forms (Bid Package) are on file in the office of the City Engineer and may be obtained upon application.
14. Bid must show the exact number of days required for delivery under normal conditions. Unrealistically short or long-term promises may cause bid to be disregarded.
15. Bidder agrees to defend from/against any and all demands, claims, suits, costs, expenses, damages, and judgments based on infringements of any patent related to goods specified in this order or the original use or operation of such goods by the City in accordance with the supplier's direction.
16. Payment for all items/bids shall be made payable by the City within thirty (30) days after delivery and acceptance by the City.
17. Any tools required for servicing or maintenance shall be delivered with the unit.
18. An adequate supply of repair parts and authorized repair services shall be available within a 150 mile radius of McAlester.
19. Equipment furnished shall have all the regular manufacturer's warranties covering material and workmanship. These warranties shall not be less than the normal warranty period after delivery and acceptance of the equipment. Any repair or replacement required under the warranty shall be made promptly to the satisfaction of the City and without expense to the City. In case vehicles are supplied to vendor for replacement or attachment, the supplier or equipment vendor of the attachment shall warrant the vehicle with a normal warranty period after delivery to the City.

20. Equipment or material differing from specifications may be considered, provided those differences are clearly indicated in writing. The City shall be the sole judge as to the suitability of the item offered for the intended use.
21. One copy of the maintenance and parts manual and one copy of the operator's manual shall be provided at the time of delivery of the equipment.
22. When training of operators is required, the vendor shall provide the necessary training to City Equipment Operators. Training shall be scheduled within five (5) days after the equipment has been received and accepted.
23. The specifications outlined within this bid package are minimum specifications and the City of McAlester expects and equipment or vehicles delivered to give maximum performance, service life and safety during the use of the vehicle or equipment.
24. The term heavy duty used in these specifications shall mean that the item to which the term applies shall exceed the unusual quality or capacity supplied with standard production equipment; and it shall be able to withstand unusual strain, exposure, temperature, wear and use.

City of McAlester Fire Department
McAlester, Oklahoma

AMBULANCE SPECIFICATION

The undersigned bidder, having full knowledge of the requirements of the Emergency Medical Service for the listed items and contract documents, and all other conditions of this proposal, agrees to sell to the Emergency Medical Service, the listed items for the performance of this specifications, complete in every respect, in strict accordance with the contract documents at and for unit prices listed below.

**One (1) Ambulance - Type III Modular body
Class I - Two rear wheel drive 72" headroom x 165" length
Floor Plan A - Elevating cot and squad bench for ALS**

TOTAL BID \$ _____

Remarks: _____

The undersigned signatory for the bidder represents and warrants that he has full and complete authority to submit this proposal and to enter into a contract if this proposal is accepted.

BIDDER

BY (Print)

Address

(Signature)

Phone

Date

DELIVERY IN NUMBER OF DAYS, _____

(Commencing upon approval of the factory build order)

**Note: 1) PLACE THIS PAGE ON THE FRONT OF YOUR PROPOSAL
2) Mark outside of bid envelope; "SEALED BID FOR AMBULANCE"**

Bid prices shall be valid for 30 days from the date of the Bid Opening

City of McAlester Fire Department
McAlester, Oklahoma

INTENT

It is the intent of these specifications to describe an Ambulance in sufficient detail to enable the buyer to secure bids on comparable equipment. It is also the intent of these specifications to cover the furnishing and delivery of a complete and soundly engineered apparatus.

QUALITY AND WORKMANSHIP

The buyer reserves the right to consider quality and workmanship of the proposed apparatus. Delivery time, operating characteristics, availability of service, and also design and manufacturing experience will be considered. All bids will be evaluated on the basis of compliance with these specifications and performance.

This specification covers a new commercially built emergency medical care vehicle, herein after referred to as "ambulance" or "vehicle". This vehicle shall be in accordance with the Ambulance Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation. The ambulance shall comply with all Federal Motor Vehicle Safety Standards (FMVSS) and Federal regulations applicable for the year of manufacture.

This document is minimum specifications for an emergency medical care vehicle that meets the needs and desires of this agency. It establishes essential criteria for the design, performance, equipment, and appearance of the vehicle. All dimensions listed are given as the approximate sizes required meeting the needs of the department. All vendors and manufacturers must meet all state and local regulations regarding the manufacturing, licensing, and sale of emergency rescue vehicles and ambulances within the state.

ACQUAINTANCE WITH SPECIFICATIONS

It is the responsibility of the bidder to review all of the bidding requirements. Failure of a bidder to be acquainted with this information shall not relieve the bidder from any obligation of the bid requirements.

EQUIVALENT

These specifications are for the sole purpose of establishing minimum requirements of level of quality, standards of performance and design and is in no way intended to prohibit the bidding of any manufacturer's item of equal material. Purchaser shall be the sole judge of equality and this decision final.

EXCEPTION TO SPECIFICATIONS

Any exceptions to these specifications must be clearly pointed out. Otherwise, it will be considered that the items offered are in strict compliance with the written specifications and that the successful bidder will be responsible for delivering a vehicle meeting these specifications. Any exceptions must be marked as such within the body of the bid and explained on a separate page marked "**EXCEPTIONS**".

GENERAL PRINCIPLES

This is an engineer, design, construct, and deliver type specification and it is not the intention of this agency to write out vendors or manufactures of similar or equal equipment of the types specified. It should be noted, however, that this specification is written around the specific needs of the department. It is the intent to standardize certain components thus specific brands have been specified in certain places. This has been done to establish a

City of McAlester Fire Department
McAlester, Oklahoma

certain standard of quality. Other brands will be accepted providing the vendor/manufacture details how another brand will meet or exceed the quality of the actual brand specified.

The chassis, components, and optional items shall be represented in the manufacturer's current technical data. Materials used in the construction shall be new and not less than the quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and shall be suitable for intended use.

It is not the intent of these specifications to call for an unusual or experimental vehicle(s). Such proposals are not acceptable. Therefore, as proof of the ability to manufacture vehicles of the type called for in these specifications the Bidder must be able to show that the manufacturer of the vehicle bid has produced at least **500 vehicles** of the type specified herein.

INDEMNIFICATION AND INSURANCE

Since these specifications describe an emergency vehicle that may be used under adverse conditions, this agency seeks to mitigate future liability exposure; therefore, all primary manufacturers will submit their Certificate of Insurance. This agency will only consider a primary manufacturer with a minimum of Ten Million United States Dollars (\$10,000,000.00 USD) that is based on a PER INCIDENT basis. This insurance shall be issued by a company rated "A" or better as reported in the current edition of Bests Key Rating Guide, published by Alfred M. Best Company, Inc. Aggregate liability coverage will not be considered regardless of amount.

EMPLOYEE STATEMENT

It is mandated by the United States Government that all employees currently and to be employed during the duration of this contract are not discriminated against because of their race, creed, color, sex, nationality origin and disability. Further, this agency must be satisfied that the primary manufacturer's labor pool is treated in a fair and equitable manner. Therefore, it will be the responsibility of the primary manufacturer to include a human resource statement outlining employment status, working conditions, and benefits.

REFERENCES

The bidder must list at least three (3) apparatus in service of type bid. The information shall include type, delivery date, location, contact and phone#.

PRE-CONSTRUCTION CONFERENCE / INSPECTIONS

The buyer and contractor will participate in a pre-construction conference to review and finalize construction details prior to placement of order.

City of McAlester Fire Department
McAlester, Oklahoma

BIDDING PROCEDURE

BID FORMS - All bids must be submitted on the attached bid forms. The form must be filled out by checking either the "YES or NO" column for each and every item.

1. This specification document, shall be submitted in its entirety as part of the bidder's proposal with all appropriate blanks completed.
2. Each bid must be legibly printed in ink or typewritten on the Proposal Form included in the specification document.
3. Bids received after the scheduled closing of bids will be rejected.
4. Insurance Liability. Bidders shall assume insurance and responsibility for the chassis until delivered to the buyer.
5. The buyer reserves the right to accept or reject any or all bids, or part of bids, to waive irregularities and technicalities and to request re-bids on the material described in the specification documents.

TERMS OF PAYMENT

Payment will be made in full by the buyer at the time of delivery, after all labor has been performed and all equipment has been delivered and all materials and equipment have met all contracts, specifications and acceptance tests.

DELIVERY

Since delivery proposals by the Bidders will weigh heavily in the determination of award of bid, the delivery schedules that are submitted by the Bidders and agreed upon by the Purchaser shall automatically become binding upon the successful Bidder.

- Bids shall be based upon delivery of the equipment to the location specified with all transportation charges and costs paid for by the bidder.
- The manufacturer shall supply at the time of delivery one (1) complete copy of operation manual and one (1) set of shop service manuals, maintenance and parts manuals covering the completed vehicle.
- Successful bidder shall be required to furnish title to the vehicle, free and clear of all liens and encumbrances within 30 days of delivery.

WARRANTIES

Structural / Conversion - This agency expects a minimum of a fifteen (15) year modular construction warranty and twelve (12) months and twelve thousand (12,000) mile full warranty on the conversion. In addition, each manufacturer shall submit their various warranties and warranty options with the proposal for evaluation.

Electrical - The ambulance electrical system shall be covered by a limited **LIFETIME** warranty that will remain in effect for as long as the unit is owned by the purchaser. The electrical system warranty shall include, but not be limited to, defects in the vehicle wiring, connections, circuit breakers, relays, and circuit boards. Any component part such as the electronic siren, strobe warning lights and power supplies, etc. shall be covered by their own manufacturer's warranty and a copy of the major component warranties shall be included with the bid.

Paint - There shall be provided a minimum Twelve [12] month paint warranty.

City of McAlester Fire Department
McAlester, Oklahoma

DOCUMENTATION REQUIREMENTS

It is paramount to this agency that vehicle(s) presented be built by a reputable manufacturer with considerable experience in the ambulance manufacturing field. To this end, this agency requires that each manufacturer provide the following:

1. A statement of fact, signed by an officer of the manufacturing company, disclosing that the manufacturer has delivered five hundred (500) ambulances within the last twelve (12) months of the date of this bid. Yes () No ()
2. Size and location of manufacturing facilities and number of production staff. Yes () No ()
3. Pictures to verify plant facilities AND warranty / service center(s) Yes () No ()
4. ISO 9001:2000 Certification. Yes () No ()
5. Ford QVM Certification Yes () No ()
6. Certificate of Insurance Yes () No ()
7. Human resource statement Yes () No ()

Failure to provide required documentation will be deemed non-responsive.

BID EVALUATION

Bids received shall be evaluated by the Purchaser. This evaluation will be based at a minimum on the following criteria:

Completeness of the proposal; i.e., the degree to which it responds to all requirements and requests for information contained herein. Bidders are directed to pay particular attention in answering the "Yes or NO" response to below each paragraph contained within these specifications. If the bidder does not meet the specification exactly, a "no" response should be given. Exceptions will be judged by the purchaser. If this procedure is not followed the bid will be rejected as non-compliant.

- Manufacturing and Delivery schedule.
- Contractor's demonstrated capabilities and qualifications.
- Contractor's past performance on similar Bid Proposals.
- Contractor's design and engineering reliability factors.
- Contractor's maintainability considerations and recommendations.
- Bidder's logistical and service support.
- Bid Proposals taking total exception to these specifications will not be accepted.
- Bid Proposals that do not comply with the prescribed method to take exceptions listed in paragraph A2.7 will be rejected without further consideration.

City of McAlester Fire Department
McAlester, Oklahoma

Ford, 2008 or Newer, E450, Cutaway, 165" Module

TECHNICAL REQUIREMENTS CAB - CHASSIS

The ambulance and the allied equipment furnished under this specification shall be the primary manufacturer's current commercial vehicle of the type and class specified. The ambulance shall be complete with the operating accessories as specified herein. It shall be furnished with such modifications and attachments as necessary and specified to enable the vehicle to function reliably and efficiently in sustained operation. The design of the vehicle and the specified equipment shall permit accessibility for servicing, replacement and adjustment of component parts and accessories with minimum disturbance to other components and systems.

Does your bid comply with this requirement?

Yes () No ()

The ambulance shall be a Type III, Class I, and shall be a chassis furnished with a two (2) door conventional cutaway cab. The chassis shall be suitable for subsequent mounting of a modular (containerized), transferable equipped ambulance body conforming to the requirements herein.

Does your bid comply with this requirement?

Yes () No ()

The design of the vehicle shall utilize floor plan "A" loading arrangement of patients into the patient compartment. All litters shall be loaded into position with the heads of the patients forward in the vehicle.

Does your bid comply with this requirement?

Yes () No ()

VEHICLE COMPONENTS, EQUIPMENT, AND ACCESSORIES.

The emergency medical care vehicle, chassis ambulance body, equipment, devices medical accessories and electronic equipment to be delivered under this contract shall be standard commercial products, tested and certified, to meet this specification. The vehicle shall comply with all Federal Motor Vehicle Safety Standards (FMVSS) and United States regulations applicable or specified for the year of manufacture. The primary manufacturer shall procure the chassis, components, equipment and accessories as specified and be the current technical data and materials of all suppliers.

Does your bid comply with this specification?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

VEHICLE OPERATION, PERFORMANCE, AND PHYSICAL CHARACTERISTICS

The following is a description of the cab and chassis that will meet the requirements of this specification. In addition, the chassis will comply with paragraphs 3.4.1 through 3.6.14 of Federal Specification KKK-A-1822E.

MODEL PHYSICAL CHARACTERISTICS

Vehicle:	Econoline
Body Style:	Cutaway Dual Rear Wheel
Drive Train:	Rear Wheel Drive
Model Number body code:	E450/158" wheel base
Gross Axle Weight:	Front Rear 4,600 lb. 9,450 lb.
Gross Vehicle Weight	Rating 14,050 lb.
Engine Type:	99P 6.0L Diesel V8
Displacement	6.0 liters
Fuel System	Turbocharged DI
SAE net HP	215 @ 2600 RPM
SAE net Torque	425 foot pounds @ 1800 RPM
Wheelbase:	158 inches
Transmission:	5 - speed Automatic, Electronic
Rear Axle Ratio:	4:10
Tire Size:	LT225/7516E, 2 front, 4 rear
Spare Tire Size:	LT225/7516E
Wheels	All including spare, steel 16.0 x 6.0
Brakes:	ABS System, Power Disc Brakes front and rear.
Engine Block Heater:	Code 41H
Alternators:	Dual 110 Alternators
Batteries:	Dual, 72-AH, 650 CCA
Fuel Tank:	Single 55 Gallon, aft of rear axle
Exterior Upgrade Package:	Code 18A
Interior Upgrade Package:	Code 18C
Dual Captains Chairs:	Code 21A
Speed Control:	Code 525
Ambulance Prep. Package:	Code 47A
Steering:	Power
Radio:	Electric AM/FM/ Radio

Does your bid comply with specification?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

ELECTRICAL GENERATING SYSTEM

The vehicle shall be equipped with the OEM supplied dual 110 ampere alternator.

Does your bid comply with this requirement?

Yes () No ()

ENGINE AUTOMATIC HIGH IDLE SPEED CONTROL

The Engine high idle shall be regulated by the OEM supplied high idle speed control. The control shall be mounted in the cab console.

Does your bid comply with this requirement?

Yes () No ()

DRIVERS COMPARTMENT

The driver's compartment shall be as required by paragraphs 3.9.1, 3.9.2, and 3.9.4 of Federal specification KKK - A - 1822E as well as section 3.0 of this document. The cab shall be equipped with the chassis manufacturer's high back "captains chair" with arm rests. The safety restraint system for the driver and passenger shall be installed by the chassis manufacturer. Modifications or substitutions of the chassis manufacturers cab seats or restraint system will not be acceptable.

Does your bid comply with this requirement?

Yes () No ()

OUTSIDE REAR VIEW MIRRORS

The vehicle mirrors should be firmly secured, vibration less rear view mirrors totaling at least one hundred and twenty five square inches. The mirror shall be OEM with the following description: Telescopic Trailer Tow with LH/RH Power Adjust Flat Glass & Manual Adjust Convex.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

LETTERING & GRAPHICS

Lettering and striping shall be finalized at the pre-delivery conference. **Gold Reflective** lettering, with **8" White Reflective main belt with "Pulse" insert and accent stripe. minimum.**

Does your bid comply with this requirement?

Yes () No ()

HEATER HOSES

Nomex heater hoses shall be installed.

Does your bid comply with this requirement?

Yes () No ()

ENVIRONMENTAL SYSTEMS

The driver's compartment shall be furnished with the environmental package as set forth in section 3.6. This agency is committed keep safe our staff and patients by technology available in day's market place. Therefore, it shall be incumbent for all primary manufacturers provide the maximum protection from airborne pathogens and eliminate obnoxious odors that can create discomfort for staff and patients. The patient compartment shall be heated and air conditioned by the following method:

The air conditioning and heating unit shall be accessible for service through a tilt out access panel in a dedicated environmental cabinet on the bulkhead.

The air conditioning and heating system shall employ a three stage filtration system. The first stage filter shall be one hundred percent dacron fiber pre filter with an applied microbial system which destroys microorganisms with which it comes in contact. The filter shall remove particles ten microns and larger at thirty five percent efficiency. The second stage filter shall be activated charcoal dispersed over a fiber medium assist in the removal of odors. The third stage filter shall be a high efficiency particulate air filter that removes particles of decimal three microns and larger at ninety nine decimal ninety seven percent efficiency.

The air delivery and return system must be a sealed system to not allow the passage of air other than through the three stage filter. The conditioned air shall pass through a multi-directional vent capable of dispersing high volumes of conditioned air at low velocity. This system must meet KKK - A -1822E performance parameters 3.13.4 and 3.13.5. Testing must be certified with filters in place. The intake filters shall be located in the

**City of McAlester Fire Department
McAlester, Oklahoma**

bottom left portion of the right front cabinet. The return air shall exit at the top of the right front cabinet. Primary manufacturers shall submit drawings and testing documentation from an independent laboratory with this proposal.

Does your bid comply with this requirement?

Yes () No ()

WHEEL COVERS

Phoenix Stainless Steel wheel covers #NF9,Installed,E-Series, Front and Rear

Does your bid comply with this requirement?

Yes () No ()

VEHICLE BODY AND PATIENT AREA

The ambulance body and patient compartment shall be sufficient in size to meet the requirements of paragraph 3.10.1 of Federal Specification KKK - A1822 - E. The interior layout shall be such that a technician can administer life support treatments to at least one person during transport. The modular body shall be 165 inches in length and 95 inches wide.

Does your bid comply with this requirement?

Yes () No ()

GENERAL BODY CONSTRUCTION

It is the intention of this agency to specify a modular body that is constructed solely of aluminum including side skins, roof skin, all structural box tubing, corner and roof extrusions, tapping plates, gusset plates, retention plates, doors, door extrusions, sub structure moisture barrier and drip rails. The modular shall be engineered, built and warranted by the primary manufacturer. This agency will not accept a proposal from a primary manufacturer, as defined within this document, that supplies a modular from an agency, builder, supplier, other than the primary manufacturer. This section shall be the construction parameters this agency has deemed as fair value. Primary manufacturers that deviate from these specifications may take exception as set forth in section A1.1.2.

The exterior of the body shall be constructed utilizing a full six sided box framework with a combination of high strength 6061-T1 and 6063-T6 alloy aluminum and having an outer surface of aluminum sheet with a temper and alloy of 5052-H32 for strength, weld integrity and corrosion resistance. The front, sides, and rear of the modular shall be configured from a single sheet of .090 aluminum. The one piece sheets shall be used to

City of McAlester Fire Department
McAlester, Oklahoma

maximize integrity against dust, toxic fumes, cracking, and moisture penetration. The openings for doors, warning lights and exterior compartments shall be cut on the horizontal plane with a computer controlled plasma cutter for accuracy and integrity of temper. The roof and side skins shall be installed utilizing a very high bond adhesive to allow absorption of vibration and to eliminate "panning". The skins shall be welded to the interlocking extrusion framework at the outer perimeter of the sheets by a programmable robotic welder using a MIG welding tip and Argon gas.

Does your bid comply with this requirement?

Yes () No ()

The roof shall be a single .090 sheet of 5052-H32 alloy aluminum. The roof sheet shall be completely welded to the extruded roof assembly. The use of multi-section roofs shall not be acceptable due to the possibility of cracks causing environmental intrusion.

Does your bid comply with this requirement?

Yes () No ()

The roof substructure assembly shall consist of four perimeter roof rail extrusions, lateral roof bows and interconnecting corner caps. The roof rail extrusions shall be engineered and designed by the primary manufacturer and shall be double hollow of 6063-T6 .125 aluminum. An integrated roof recess shall be incorporated to create a smooth transition from the one piece roof sheet to the perimeter drip rail. The perimeter drip rail shall be extruded as a design feature of the roof rail extrusion. The roof rail extrusion shall overlay the side skin by one half inch. The roof sheet shall be seam welded to the perimeter roof extrusion. The lateral roof bows shall be two inch by two inch by .125 square extrusions of 6061-T6 alloy aluminum. The structural members shall be located to support the roof skin on fourteen inches between roof bows. The roof bows shall interconnect with the roof rails and be continuously welded at all contact points. The finished roof shall incorporate a machine rolled crown of not less than one and half inches in height to provide additional strength and allow water run off. A one inch by two inch by .125 6063-T6 extrusion shall be secured to the top of the vertical extrusions. The perimeter extrusion shall be welded to the vertical structures with a minimum of six inches of weld. An industrial adhesive shall be applied around the perimeter before the roof assembly is mated to the sill. The roof structure shall be attached to the sill and welded. To insure a complete contact with the industrial adhesive mechanical fasteners shall be employed to cinch the roof structure to the sill.

Does your bid comply with this requirement?

Yes () No ()

**City of McAlester Fire Department
McAlester, Oklahoma**

The corner caps shall be designed to interlock with the roof perimeter, vertical corner extrusions and roof sheet. The corner caps shall be cast aluminum made from matched metal dies to insure a smooth and pleasing appearance. The caps shall act as a stress relief device to absorb energy and disperse the force along the roof extrusions in the event of a collision. The outer edge DOT lights shall be installed as described in section 5.1.

Does your bid comply with this requirement?

Yes () No ()

The corners of the modular body shall be designed and engineered by the primary manufacturer and constructed of 6063-T6 alloy aluminum. The corner extrusion shall be double hollow with a minimum thickness of .125 and .250 at the outer corner. The extrusion is designed with a unique forty five degree angled appearance while maintaining very high strength and impact energy absorption. A polyurethane sealer shall be applied to seal the crevice between the corner extrusions and the side assemblies.

Does your bid comply with this requirement?

Yes () No ()

The side assemblies shall be reinforced utilizing 6061-T6 alloy aluminum two by two box tubing. The side structures shall frame a perimeter around all door openings and shall be a minimum of .125 in thickness. Intermediate skin stiffeners shall be located to preclude skin deformation. Additional gusset plates shall be .250 inch aluminum and shall be welded at all contact points between the corner assembly and the roof perimeter.

Does your bid comply with this requirement?

Yes () No ()

This agency is extremely concerned with purchasing a vehicle from a primary manufacturer who can provide the necessary service after sale. Therefore, as previously stated the modular shall have a fifteen year warranty and be engineered, designed and built by the primary manufacturer.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

This agency is extremely concerned that the modular body be designed and built with the highest level of integrity and quality. Documentation and certification that the modular body being proposed meets Static Load Test Code for Ambulance Body Structure AMD Standard 001 must be included with this proposal.

This agency is committed to partnering with an ambulance manufacturing company that has programs in place for continual modular body safety improvements. To this end, this agency requires proof that ongoing safety testing and evaluation of modular body safety programs are in place. At a minimum, this agency requires, in addition to roof static load testing, side static load testing with a minimum side load of 22,700 lbs. In addition, dynamic modular body testing in the form of sled testing and drop testing will be required. Modular body drop testing will be at a minimum of 120 (one hundred and twenty feet). The modular body must be dropped in a manner that will simulate a front corner impact. All rear doors must operate to simulate extraction of patient and crew in the event of curbside door failure. Testing material must be available upon request of this agency.

Additionally, all welders employed by the primary manufacturer shall be certified to the American Welding Society Standard AWS D12, and certification documents must be provided if requested.

All body welds shall not only be inspected by the primary manufacturer but shall also be inspected by an outside engineering firm and said firm shall conduct another visual inspection and a dye penetration test designed to reveal any flaws or imperfections in the welds. Documentation on this process must be provided if requested. NO EXCEPTION.

Does your bid comply with this requirement?

Yes () No ()

VEHICLE BODY STRUCTURE

All parts of the ambulance body, as specified in paragraph 3.10.6 of Federal Specification KKK - A - 1822E, shall, where applicable, be of welded construction. Where fasteners are used in such areas as hinge attachment, hardware attachment, etc., the fasteners shall be ceramic coated aluminum and stainless steel. Any hole drilled into the modular body painted surface shall be coated with an ECK corrosion inhibitor prior to installation of the part.

Does your bid comply with this requirement?

Yes () No ()

**City of McAlester Fire Department
McAlester, Oklahoma**

Tapping plates of 6061-T6 alloy aluminum varying in widths of one quarter to one half inch shall be welded to the framing to secure the installation of equipment such as; cabinets, benches, partitions, cylinders, cot fasteners, etc. The body and panel joints shall be watertight and all openings between the chassis and modular shall be sealed. In addition a drip rail shall be supplied over each exterior compartment. The drip rail attached in such a manner as to provide for quick and easy replacement. Drips rails attached by mechanical fasteners shall not be used.

Does your bid comply with this requirement?

Yes () No ()

BODY MOUNTING

The mounting system shall not cause any chassis frame deformation. There shall be ten mounting points, five on each frame rail. The modular body shall have full perimeter welded sill rails of one half inch by two inch of 6061-T6 alloy aluminum and be attached to the vehicle utilizing one inch by three inch sill plates of 6061-T6 alloy aluminum. The modular body shall be welded to the sill plates at every exposed seam. At all outrigger mounting locations a double compression, neoprene rubber isolator mounts shall be used to minimize chassis vibration transfer to the modular body. The modular body and sill plates shall be attached to the frame rails using three quarter inch grade eight bolts. Any method contrary to QVM which may void the chassis warranty shall not be accepted.

Does your bid comply with this requirement?

Yes () No ()

FLOOR

The floor shall be at lowest level permitted by clearances, but not more than thirty three inches from the ground. The floor structure shall consist of two by two by .125 structural box section with 6061-T6 alloy aluminum. The floor structure shall be welded with eight inches of weld at every joint. The openings created for the placement of exterior compartments shall have six inches of weld to insure a smooth surface to fit the compartment in the structure. Tapping plates of one quarter inch and one half inch of 6061-T6 aluminum shall be completely welded both sides to the floor assembly. The finished floor assembly shall be securely welded to the wall structures with eight inches of weld and skipped welded every four inches to the exterior compartments. All critical load points shall be reinforced with one quarter inch by three inch by four inch gusset plates. Above the floor channels there shall be an aluminum moisture shield .050 inches thick. The entire underside of the modular shall be sealed with a waterproof sealant. All hollow structural shapes or cavities shall be sealed utilizing an approved expandable foam.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

The rear patient access shall be equipped with an exterior aluminum threshold mount to the lower door jamb. This threshold will protect the bottom door jamb; in addition the rear floor shall have a fourteen gauge stainless steel cot protector.

Does your bid comply with this requirement?

Yes () No ()

EXTERIOR STORAGE ACCOMMODATIONS

The exterior compartments shall be constructed of .090 aluminum and shall be formed by a computer controlled brake and shear to decrease the amount of welding to fully enclose the compartment. The compartment therefore, shall be water tight. The compartment shall be welded in place to the side and floor structure with an additional bracket welded to a bracket connecting the exterior wall two with the floor structure. The floor of the exterior compartments shall be at least two inches below the lower door frame lip to help prevent equipment from falling out should a door not be closed. The compartment floor shall be supported from beneath with one by two by .125 6061 T-6 rectangular tubing welded to the underside and the floor structure. All exterior compartments shall be vented above the floor line with machine stamp louvers. The exterior compartment shall be lockable with one key fitting all doors. The compartments shall be equipped with handle and door locks. Each exterior compartment shall be provided with a sealed light to be illuminated upon the door opening. The light shall be activated by a me-chanical switch. A door open indicator light shall be visible on the driver's console. The compartment configuration shall be as described.

Does your bid comply with this requirement?

Yes () No ()

INTERIOR SURFACES

All vertical edges of cabinets shall be of an aluminum extrusion with a 3/4 inch radius designed to free the interior of the patient's compartment of all sharp edges or projections. The face and inside of the cabinets shall be covered by a commercial grade laminate and adhered to the cabinet face by a high quality poly vinyl adhesive using a thermal press application. There shall be no voids of the adhesive between the laminate and the cabinet surfaces.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

CABINET CONSTRUCTION

The interior cabinets, squad bench assembly, shelves and doors shall be constructed of Featherply plywood; due to the product's ability to be customized to fulfill the needs of this agency, the additional acoustical and thermal insulation properties, repair ability, and the safety factor of not producing sharp fragments or shards in the event of a serious collision. The thickness of the finished panels used to construct the cabinets, shelves and doors shall be 3/4 inches including mica and adhesive. Any construction materials that provides anything less than 3/4 inch panels in cabinet construction is not acceptable to this agency. NO EXCEPTION.

The squad bench lid shall be attached to the squad bench assembly via a stainless steel piano hinge the entire length of the bench. The squad bench shall be equipped with a locking device to automatically secure the lid upon closing. The patient compartment wall panel (behind the squad bench) and the cab compartment wall panel shall be constructed of 1/4 inch plywood and covered with color coordinating high pressure laminate.

The cabinets shall be constructed using 8 mm dowels placed no farther than 32 mm apart. The dowels shall be a hardwood and pre-glued.

The doors on the upper cabinets shall be surface mounted with European hinges and 3 mm edge banding. The doors on the center and lower cabinets shall be flush mounted using continuous stainless steel piano hinge and a 3 mm edge banding. All doors and cabinet openings shall be covered with a 3 mm edge banding with radius edges.

Does your bid comply with this requirement?

Yes () No ()

INTERIOR STOWAGE ACCOMMODATIONS

The interior of the patient compartment shall provide but not be limited to a minimum volume of thirty cubic feet of enclosed cabinets. Interior cabinet, shelf and compartment space shall be conveniently located for medical supplies, devices or other equipment. All interior cabinets shall be fully lined inside with high-pressure plastic laminate. The equipment and supplies necessary for airway management shall be within easy reach of the medic at the head of the stretcher. Interior cabinet dimensions are as described.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

CAB EXTENSION

The bulkhead cabinet shall be moved 10 inches toward the rear of the patient compartment to allow for cab seat travel.

Does your bid comply with this requirement?

Yes () No ()

INTERIOR HEADROOM

The interior headroom shall be a minimum of 70 inches.

Does your bid comply with this requirement?

Yes () No ()

COMPARTMENT FINISH

The inside of all compartments shall be fully finished with a chip resistant, bacteriostatic, anti-fungal, mildew resistant sprayed on finish.

Does your bid comply with this requirement?

Yes () No ()

EXTERIOR COMPARTMENTS

The bottom of compartments B1, B2, D and E shall drop down 3 inches from the door opening for maximum storage space in the compartment.

Does your bid comply with this requirement?

Yes () No ()

EXTERIOR COMPARTMENTS

The bottom of compartments A and F shall be flush with the door opening to provide for a sweep out design.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

DOORS

The outer face of the door and door edges shall be formed from one sheet of 5052-H32 aluminum. The door shall be flush with the body side. The outer skin shall be 0.125 inches thick and shall be welded every six (6") inches to the inner door frame using a minimum of one and one-half inch (1-1/2") long bead. All corners shall be welded a minimum of two inches (2") in each direction. The edge of the door shall be seamless.

The door frame shall meet with the exterior skin with a smooth seamless transition. There shall be no seams or crevices on the door or the door frame which allows the possibility of corrosion.

Both patient compartment and exterior compartment doors shall be provided with extruded rubber seal system consisting of a hollow cell bulb gasket. The gasket shall insert into an appropriately designed groove in the inner door extrusion. This will provide the best seal possible. Glued on seals or seals that are mounted to the compartment openings are unacceptable as they will easily be torn by loading or unloading of equipment stored in the compartment.

All doors shall be attached using minimum 1/4-20 stainless steel hex bolt with stainless steel piano hinges with a pin of at least 0.250 inch in diameter. The hinge must be slotted to provide field adjustments. An ECK corrosion inhibitor shall be applied to the door frame and jamb bolt holes prior to installing the hinge.

All compartment doors shall be constructed the same as the entry doors. To ensure continued door alignment and successful latching capabilities, all access doors must be encased by a door jamb that is separate from the body skin and welded to the 2" x 2" tubular body frame members. The door jamb shall be a 0.125"/0.380" thick 6063-T6 aluminum extrusion.

The interior surface of the patient compartment doors (rear and curb side) shall be finished in a safe and attractive manner that harmonizes with the interior appointments. The door panels shall be designed to allow removal without disturbing the door latching hardware. Door panels must be flush fitting not overlay. Doors using pliable materials such as upholstery are prohibited due to greater risk of contamination by blood born pathogens through stitching or when cut or torn.

The three (3) patient compartment doors shall be fitted with stainless steel, flush fit, "paddle latch" hardware on the interior and an "automotive style" handle on the exterior. The patient compartment doors shall be provided with a keyed lock and the rear doors and side door shall be lockable from the inside without a key per FMVSS.

City of McAlester Fire Department
McAlester, Oklahoma

When the doors are opened, the hinges, latches and door checks shall not protrude into the access area. All patient compartment doors shall employ the same type locking hardware. All door latches shall comply with requirements of FMVSS 206.

The locking devices shall be two-stage rotary latches and shall be FMVSS 206 certified. Where applicable, there shall be two door latches, one at the top and one at the bottom, controlled by a single locking handle. The latches shall lock into an adjustable "Nader" type pin located in the door frame. The Nader will utilize a captive nut to provide adjustment and replacement without loss of the nut plate. The locking system shall be actuated from the locking handle by metal push rods.

The outside door handles shall be a rugged "automotive style" that are near flush with the door skin. These handles shall provide adequate clearances for the use of gloves. The hand/glove clearance area of the automotive style handle shall be a minimum of .812" deep by 4.125" long. On the curb side and rear doors, the inside handle shall be a "paddle style" type constructed from stainless steel and shall be equipped with an inside door lock. All exterior storage compartments and module entry doors shall be lockable with the same key.

The compartment and entry door shall be painted separately from the modular body. The doors shall then be installed on the painted module. An ECK corrosion inhibitor shall be applied to the door frame and jamb painted extrusion prior to installing the doors to provide a barrier between the hinge and the paint.

All entry and compartment doors shall be insulated with a 2-1/2" thick closed cell block foam insulation.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

COMPARTMENT A

Compartment A is the passenger side forward compartment. The door opening dimensions shall be a minimum of 46 inches high and 19.25 inches wide.

Does your bid comply with this requirement?

Yes () No ()

COMPARTMENT B1

Compartment B1 is on the passenger side just behind the rear wheel. The door opening dimensions shall be a minimum of 19.25 inches high and 15 inches wide . The interior dimensions shall be a minimum of 22.5 inches high and 16.5 inches wide and 18.75 inches deep.

Does your bid comply with this requirement?

Yes () No ()

COMPARTMENT B2

Compartment B2 is the passenger side rear compartment. The door opening dimensions shall be a minimum of 81.75 inches high and 22 inches wide. The interior dimensions shall be a minimum of 85.0 inches high and 24.75 inches wide and 18.5 inches deep.

Does your bid comply with this requirement?

Yes () No ()

COMPARTMENT D

Compartment D is the drivers side rear compartment. The door opening dimensions shall be a minimum of 58.5 inches high and 32.25 inches wide. The interior dimensions shall be 62 inches high and 36.5 inches wide and 18.5 inches deep.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

COMPARTMENT E

Compartment E is on the drivers side just forward of the rear wheel. The door opening dimensions shall be a minimum of 36 inches high and 39 inches wide. The interior dimensions shall be 38.75 inches high and 40.5 inches wide and 18.5 inches deep. The compartment shall have double doors.

Does your bid comply with this requirement?

Yes () No ()

FUEL FILL HOUSING

A cast aluminum fuel fill housing shall be installed according to the chassis manufacturers instructions.

Does your bid comply with this requirement?

Yes () No ()

EXTERIOR VERTICAL DIVIDERS

A vertical divider shall be located in compartment B2. The divider shall be approximately 11 inches wide and extend from the top of the compartment to the bottom.

Does your bid comply with this requirement?

Yes () No ()

EXTERIOR COMPARTMENT SHELVES

The exterior compartment shelves shall be manufactured from 0.125 inch aluminum. Each shelf shall have a 0.125 inch thick ribbed rubber mat. Shelves per compartment shall be as follows:

Compt A: RF - 2
Compt D: LR - 1
Compt E: LMiddle - 1 fixed

The shelf track shall be heavy duty extruded aluminum.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

EXTERIOR ELECTRICAL SHELF

An exterior shelf shall be located in compartment "E" near the top of the compartment. It shall serve the sole purpose of holding electrical equipment.

Does your bid comply with this requirement?

Yes () No ()

STEP WELL AND WINDOWS

The curb side door step well shall have a light recessed into wall one of the step well. It shall be automatically lit when the side and rear doors are opened. The light shall be activated by a switch. The step well shall be finished with a polished aluminum diamond plate. There shall be a window in each of the three patient access doors. The window frame shall be of an extruded aluminum design with a protective anodized finish. The curbside entry door window shall include a sliding window to allow for fresh air when needed. The two rear door windows shall have fixed glass.

The curbside window shall have the following dimensions: 26 1/2 inches high and 19 1/2 inches wide. The rear windows shall be 22 1/2 inches high and 13 1/2 inches wide.

Does your bid comply with this requirement?

Yes () No ()

PATIENT ENTRY DOOR LATCHES, HINGES AND HARDWARE

When the doors are opened, the hinges, latches and door checks shall not protrude into the patient compartment. All patient doors shall employ the same type of locking hardware. All door latches shall comply with FMVSS 206. The locking devices shall be two stage rotary latches and shall be in accordance with FMVSS. Where necessary, there shall be two door latches, one at the top and one at the bottom, controlled by a single locking handles. The latches shall lock into an adjustable Nader type pin located in the door frame. The Nader will utilize a captive nut to provide adjustment and replacement without loss of the nut plate. The locking system shall be from the locking handle by aluminum push rods. The door handle shall be mounted to the exterior door panel using mechanical fasteners and rubber gaskets that will eliminate the possibility of electrolysis. The patient compartment doors will be equipped with an inside door lock. All entry doors shall be lockable with same key. All entry doors shall have horizontal aluminum reinforcements welded to the door frame and the entry doors shall have closed cell block foam insulation. The handles shall be keyed with a #J236 key.

City of McAlester Fire Department
McAlester, Oklahoma

Does your bid comply with this requirements?

Yes () No ()

ENTRY DOOR HOLD OPEN

Compartment entry doors shall be held open by a 4.5 inch Cast Grabber. The U shaped piece shall be attached to the door. It shall enter into a rubber insert when the door is in the open position. An ECK corrosion inhibitor shall be applied to the mounting holes prior to installation.

Does your bid comply with this requirement?

Yes () No ()

COMPARTMENT DOOR HOLD OPEN

Compartment doors shall have a 30 pound gas strut hold open.

Does your bid comply with this requirement?

Yes () No ()

DOOR PANELS

The upper and lower portion of the curbside and rear door panels shall be polished stainless steel. The center shall be red white chevron coordinated covered aluminum.

Does your bid comply with this requirement?

Yes () No ()

REAR FENDERS

Chrome fenders shall be provided around the rear wheel well openings to provide protection from wheel wash. An ECK corrosion inhibitor shall be applied to the mounting holes prior to installation.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

BUMPERS AND STEPS

The chassis manufacturer shall supply the vehicle's front bumper. The rear bumper and step assembly shall be a single unit constructed of ten gauge steel "C" formed channel and .100 inch thick aluminum tread plate as measured at the thinnest point of the tread plate. The center step of the bumper assembly shall be designed to allow it to flip up and out of the way to facilitate patient loading. The flip up section of the rear bumper shall be diamond plate to meet the requirements of KKK - A - 1822E specification. The diamond plate flip up step shall be punched with three rows of raised star-shaped holes to create additional non-skid surface. A 2x2x0.125 aluminum box tube shall be welded inside the step full width on the side farthest from the rear of the vehicle. A stainless steel hinge with a center pin of .250 inch shall be used to attach the flip up section of the rear step to the main rear bumper assembly. This bumper assembly shall be bolted to supports that have been welded to the chassis frame. There shall be eye beam constructed skid plates with tow eyes mounted as part of the frame of the bumper. This assembly shall be bolted to the frame of the chassis with 5/8 inch Grade 8 bolts. There shall be a one half inch clearance between the bumper assembly and the rear of the modular body to allow water drainage and inhibit water collection.

Does your bid comply with this requirement?

Yes () No ()

RUNNING BOARDS

Diamond plate running boards shall be installed just under the cab doors for both the driver and passenger. The boards shall allow for easy entry into the cab.

Does your bid comply with this requirement?

Yes () No ()

SKIRT RAILS

The street side and curbside modular body shall be provided with aluminum diamond plate skirt line trim rails. The rails shall be installed along the lower edge of the body. The rails shall be offset from the sides by a minimum of one half inch to allow water and road wash not to collect between the rail and modular rail. Nylon spacers shall be used to install the rails to eliminate the possibility of electrolysis.

Does your bid comply with this requirement?

Yes () No ()

**City of McAlester Fire Department
McAlester, Oklahoma**

FRONT STONE GUARDS

The front corners of the patient compartment shall have stone guards attached to the corner extrusion. They shall be diamond plate aluminum and extend 16" from the bottom edge of the corner extrusion.

Does your bid comply with this requirement?

Yes () No ()

REAR KICK PLATE

Above the rear bumper and below the rear doors, there shall be a full length riser of aluminum diamond plate for a protective kick panel. The kick panel shall be securely fastened with ceramic coated stainless steel screws to inhibit rust that could result from electrolysis and run the full rear width of the module. Pop rivets are not acceptable. There shall be a recess in the center of the kickplate for the rear license tag.

Does your bid comply with this requirement?

Yes () No ()

LICENSE PLATE HOLDER

A Cast Products C30002 license plate holder shall be installed in the rear kickplate.

Does your bid comply with this requirement?

Yes () No ()

REAR MUD FLAPS

Rear mud flaps shall be installed just behind the rear tires.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

PAINTING, COLOR AND MARKERS

All bare aluminum shall be coated with a corrosive resistant self etching primer. An auto-motive urethane sealer shall be used as well as an automotive urethane topcoat. The primer, sealer, and topcoat shall be a minimum of three point three mils thick. A small amount of body filler may be used to smooth imperfections in the aluminum. Colors and markings will be determined by this agency. The vehicle shall meet salt spray resistance and vehicle undercoating as set forth in paragraph 3.16.3 and 3.17 respectively of Federal Specification KKK - A - 1822E.

The compartment and entry doors shall be painted separately from the modular body. The doors shall then be installed on a fully painted module.

ENTIRE AMBULANCE TO BE PAINTED RED TO MATCH CURRENT FIRE DEPARTMENT FLEET.

Does your bid comply with this requirement?

Yes () No ()

ROOF TOP MARKINGS

A "Star of Life" of not less than 32 inches and conforming to KKK-1822E section 3.16.4.C shall be installed on the ambulance rooftop.

Does your bid comply with this requirement?

Yes () No ()

ELECTRICAL SYSTEMS AND COMPONENTS

The emergency medical vehicle's electrical system must meet KKK - A1822 - E Section 3.7.1. The driver and patient compartment control consoles shall be constructed in a way that the switches and any gauges are easily serviced. They shall be accessible through service panels. These panels will be secured in the closed position in a positive manner, yet can be easily opened for service.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

The control console gauges shall be internally illuminated and controlled by the headlight switch rheostat. All lights and fixtures installed on the module exterior shall have an ECK corrosion inhibitor applied all mounting holes prior installation.

Does your bid comply with this requirement?

Yes () No ()

The driver and patient console shall incorporate full size "Euro-Style" rocker switches. The switch assembly shall be 1.97 inches tall by 1.064 inches wide with silver plated copper contacts and a .250 inch spade type terminal. The rocker switch shall incorporate a LED indicator lamp and rated at 15 Amps continuous service. The switch and rocker shall be of a thermo set molding material. The complete switch assembly shall be designed withstand one thousand (1,000) volts RMS dielectric test. The switches shall have a positive "throw" feel and an audible click upon activation and deactivation

Does your bid comply with this requirement?

Yes () No ()

The rocker switches, as described in section 4.1.3, shall have integrated label lens area that is illuminated by two independent LED's. The LED brightness shall be controlled by the headlight rheostat. The label shall be white legends on black poly carbonate background.

Does your bid comply with this requirement?

Yes () No ()

WARNING INDICATORS

The electrical system shall incorporate a warning light panel in the driver's console. It shall provide indicator lights for showing, a patient compartment door(s), side and rear, are open. This shall be a flashing red LED light. There shall be an exterior compartment "door open" warning light. This shall be a flashing red LED light of the same size.

Does your bid comply with this requirement?

Yes () No ()

**City of McAlester Fire Department
McAlester, Oklahoma**

A battery indicator light shall be provided. It will be a green light located in the warning light panel. It shall illuminate when the battery switch is in the "ON" position. The light shall be steady burn to indicate the batteries have been selected.

Does your bid comply with this requirement?

Yes () No ()

WIRING INSTALLATION

The ambulance body and accessory electrical equipment shall be served by circuit(s) separate and distinct from the vehicle chassis circuits. Wiring methods must conform SAE J1292. All wiring provided by the primary manufacturer shall be copper and conform all the SAE J1127 and SAE J1128 requirements. All low tension primary cable shall have GXL or better insulation. All low tension battery cable shall have SGX insulation.

Does your bid comply with this requirement?

Yes () No ()

The wiring shall be permanently color code identified wire function. Wires shall be permanently heat ink embossed with both number and function codes. The function code shall be the descriptive name of the circuit served. The number code shall be the exact purpose of that circuit. This number code shall be completely referenced in a detailed wiring schematic provided with the vehicle. The function and number code shall be embossed at a minimum of four inch intervals the entire length of the wire terminating into all switch and control panels. The use of multi-conductor cable must be function and color coded and shown on the wiring diagram.

Wiring shall be routed in conduit or high temperature looms with a rating of 300 degrees Fahrenheit where necessary to protect it. All added wiring shall be located in accessible, enclosed, and protected locations and kept at least six inches from the exhaust system components. Electrical wiring and components shall not terminate or be routed in the oxygen storage compartment except for the oxygen controlled solenoid, compartment light, and switch plunger. All conduits, looms, and wiring shall be secured to the body or frame with insulated metal cable straps in order to prevent sagging and movement which results in chafing, pinching, snagging or any other damage. All apertures on the vehicle shall be properly grommited and sealed for passing wiring and conform SAE 1292. All items used for protecting or securing the wiring shall be appropriate for the specific application and be standard automotive, aircraft marine, or electronic hardware.

Does your bid comply with this requirement?

Yes () No ()

Circuit connections shall be made on barrier style terminal blocks utilizing binding post screws for positive mechanical connections. minimize the potential for wiring shorts and voltage drops all wiring terminals shall be brass, tin plated, annealed, ETP copper with nylon high heat insulation. Serrations, inside the barrel, provide maximum contact and tensile strength after crimping. Connection shall be machine crimped, UL standards, with a high quality crimping tool that produces crimps for a given size wire and terminal that are precisely alike in appearance and performance. Crimping pressure must be controlled by a ratchet device on the hand tool or a corresponding pre-calibration in the crimping jaws of an automated machine. Crimping pressure can neither over-stress nor under stress the terminal-barrel-machined dies. Therefore, this agency requires a termination that is free of contamination and is extremely resistant to shock and critical environment conditions.

No splices shall be permitted except for connection of "pig-tail" devices. Butt splices are permitted for connection of "pig-tail" devices. The use of IDC (Insulation Displacement Connectors) connectors, ie: "3M Scotchlok" type fasteners, is not acceptable.

Does your bid comply with this requirement?

Yes () No ()

The various wiring installations as supplied with this vehicle shall be of the automotive "harness" design. For ease of identification and future replacement these harnesses shall be engineered and manufactured in the following sections.

1. Engine compartment harness.
2. Driver's control console harness.
3. Main module harness.
4. Chassis rear lighting harness.

WIRING CRITERIA AND CIRCUIT BOARD

All wiring devices, switches, outlets, etc., except circuit breakers, shall be rated carry a minimum of one hundred and twenty-five percent (125%) of the maximum ampere load for which the circuit is protected. All wires carrying a load of more than 5 amperes shall be a minimum of 16 AWG. There shall be a master electrical component panel located in the vehicle. It is preferred that the master panel be mounted on or near the bulkhead of the patient compartment. Standard circuit breakers, relays, and diodes shall be mounted on a printed circuit board that is easily accessible. All components on the circuit board are to be permanently labeled as their function.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

City of McAlester Fire Department
McAlester, Oklahoma

The printed circuit board shall be designed and manufactured as follows: A screen printed board with all circuits fully numbered and labeled. The circuit board shall be a double-sided copper trace printed circuit with a double-sided laminated isolar. The board shall be non pho image able solder mask over bare copper with hot air leveled solder over non masked copper. Fuse capacity is the beginning facr in calculating trace width ensure proper current carrying capability. The circuits shall then be oversized as much as space permits for maximum cooling of the board. All holes shall be plated through. The terminal strips shall be mounted on the board for connection of the above mentioned wiring harness. Automotive transient suppressers must be incorporated into circuit board at the point of cable entry to the board. All relays must include built in noise suppression. The suppression must be accomplished with a IN4001 parallel with the coil. The relay must have a 40 ampere continuous contact rating with one form C contact arrangement. Normally open contact must have a maximum initial voltage drop of 200 milli-volts at 40 ampere contact load. The relays must withstand 24 VDC for five minutes conducting rated contact current in case of accidental 24 volt jump start condition. Circuit board options must be programmable via jumpers facilitate addition of options. The color of wire and circuit number must be screened printed at the terminal block connections on the board for rapid identification and relation schematics. Documentation that the above requirements are met must be included with the bid document.

Does your bid comply with this requirement?

Yes () No ()

The printed circuit board shall incorporate red LED indicators for on board diagnostics for input, output, and switching circuits for troubleshooting at a glance.

A service loop of wire or harness, per KKK-A1822-E specification, shall be provided at all electrical components, terminals, and connection points. All relays shall be mounted for ease of serviceability. All high current diodes greater than 5 amperes shall be heat sink mounted. provide the optimum circuit "overload" protection, the electrical system's main circuit board shall allow for the use of stud type aumatic reset pole breakers. One spare 15 ampere circuit breaker shall be provided for future use. A solid state electronic flasher shall be heat sink mounted to the panel for control of the flashing warning light system. All wiring between the cab and module shall be connected to a terminal strip(s) or block(s) or use multi pin connectors on the electrical component panel and shall provide for future module replacement. All connectors and terminals provided shall comply with SAE J163, J561, or J928 as applicable.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

MASTER MODULE DISCONNECT SWITCH OR DEVICE

This device shall be located on the driver's compartment console and shall be permanently labeled and back lighted with a LED light and the brightness controlled by the head light rheostat. The "MASTER" disconnect switch shall be considerably different in size and feel from the other console switches.

Does your bid comply with this requirement?

Yes () No ()

PATIENT COMPARTMENT CONTROLS

All switches and controls for the patient compartment shall be located on a service panel in the Action Area angled slightly toward the rear of the vehicle. The switches and controls shall be identical as referenced in section 4.1.3 of this document. These switches shall not function until the "MASTER" switch in the driver's console is in the "ON" position. The patient compartment switches shall be permanently marked and back lighted by a LED light.

Does your bid comply with this requirement?

Yes () No ()

ELECTROMAGNETIC RADIATION AND SUPPRESSION

Must meet KKK - A1822 - E specification. Documentation from an independent testing laboratory must be included with the bid.

Does your bid meet this requirement?

Yes () No ()

BATTERY SYSTEM

Battery cables shall be a minimum 2/0 AWG or as supplied by the chassis manufacturer. If the batteries are relocated other than the factory location, cables shall be upgraded a minimum 3/0 AWG. This is required maintain compliance with SAE J541 specification for starter motor circuit voltage drop for heavy duty applications. **All primary manufacturers must meet this specification.** All Cables larger than 10 AWG shall be pneumatically or hydraulically crimped utilizing tin plated copper connectors. This connection must be covered with an adhesive lined heat shrink to permanently seal against weather.

City of McAlester Fire Department
McAlester, Oklahoma

The vehicle shall be supplied with a dual 12 volt battery system. Two OEM batteries shall be in the right front lower compartment. This compartment shall be isolated from the patient compartment. The batteries shall be activated through the OEM ignition switch. The ignition switch shall only turn off power to the module and not to the chassis. An emergency fail-safe switch shall be mounted in the cab console. The battery system shall be wired in accordance with KKK - A1822 - E and current Ford Motor QVM specifications. The system must meet SAE J541 for starter circuit voltage drop.

Does your bid comply with this requirement?

Yes () No ()

ANTENNA CABLE INSTALLATION

Shall meet the requirements of paragraph 3.14.3 of Federal Specification KKK - A - 1822E. (2) cables to be installed, lead terminating in the cab

Does you bid comply with this requirement?

Yes () No ()

INTERNAL 12 VOLT DC POWER

The patient compartment shall be furnished with a 12 volt DC, 20 ampere capacity, separately protected circuit, with 3 outlets. The outlets shall be Cigar Lighters and shall be finalized at the pre-delivery meeting.

Does your bid comply with this requirement?

Yes () No ()

SHORELINE INLET

A 20 amp Super Auto Eject shoreline inlet with a GFI and interrupter shall be installed and located above compartment E.

Does your bid comply with this requirement?

Yes () No ()

**City of McAlester Fire Department
McAlester, Oklahoma**

115 VOLT AC UTILITY POWER

115 volt AC utility power must meet KKK - A1822 - E. Utility power shall be as described in KKK - A1822 - E paragraph 3.7.8.1. Electrical 115 volt AC receptacles shall be as described in KKK - A1822 - E paragraph 3.7.8.2.

Does your bid comply with this requirement?

Yes () No ()

110 VAC OUTLETS

Two 110VAC duplex outlets shall be installed in the patient compartment. One outlet shall be located in the action area, and one outlet shall be located in the right front cabinet.

Does your bid comply with this requirement?

Yes () No ()

ENGINE BLOCKHEATER

An engine block heater shall be installed with a switch located on the driver side of the center console. It shall be wired the shoreline.

Does your bid comply with this requirement?

Yes () No ()

INVERTER/CHARGER

A Vanner 20-1050CULW inverter charger shall be installed. It shall power the 110VAC outlets. A switch shall be installed in the action area.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

ACTION AREA CONSOLE

There shall be a console in the action area of the rear patient compartment house the switches. The console shall be manufactured out of 3/4" birch wood and be angled so that the switches will be easily accessible to an EMT in the attendant seat or a CPR seat.

Does your bid comply with this requirement?

Yes () No ()

INSTRUMENT CONSOLE

A console shall be installed house the switching panel and radio installation. This console shall be attached the engine cover housing below the line of sight of the driver. The console shall be a rotationally molded one piece ABS console. An access panel shall be installed on the p of the console facilitate servicing. The switches shall be full size rocker switches with LED on the indicars. The switch assembly shall be 1.97 inches tall by 1.064 inches wide with silver plated copper contacts and a .250 inch spade type terminal. The switch and rocker material shall be a thermal set molding material. The complete switch assembly will be tested to withstand one thousand (1,000) volts RMS dielectric. Documentation of switch testing to be included with the bid. The switches must have a positive "throw" feel and an audible "click" upon activation.

Does your bid comply with this requirement?

Yes () No ()

SIREN, PUBLIC ADDRESS SYSTEM

The ambulance shall be equipped with hands free electronic siren with silent testing. The siren shall be a Whelen WS-295-HFSA1. Two one hundred watt speakers shall be outside the vehicle mounted in the grill in close proximity the red grill warning lights. The siren speakers shall not impede the air flow into the engine compartment.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

SIREN/HORN SWITCHING

The siren shall be switched through the horn ring.

Does your bid comply with this requirement?

Yes () No ()

ALARM, BACKUP, Auto Reset, Std Model only

Does your bid comply with this requirement?

Yes () No ()

VEHICLE EXTERIOR LIGHTING REQUIREMENTS

The basic exterior ambulance lighting shall comply FMVSS standard number 108 and the requirement herein and include:

1. Amber front, rear directional signals, red brake, hazard warning lights.
2. Front and rear side marker lights.
3. Back up light(s).
4. Loading lights.
5. Clearance lights
6. Ambulance emergency lights.
7. Flood lights.
8. Spotlight(s)

Note: This agency is concerned for the safety of the patients, crew, and the public sharing the roadways. Therefore, this agency requires the primary manufacturer incorporate recessed DOT marker lights at the highest point of the vehicle. The marker lights shall be visible 360 degrees. In addition each corner marker light shall be visible 180 degrees, also at each corner the marker light lens cover shall be tilted upward on a 45 degree angle be visible above the horizontal plane for 360 degrees. The rear side marker light shall be a minimum of two inches in diameter and shall function as a turn signal indicator as described in KKK - A1822 - E.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

EMERGENCY LIGHTING SYSTEM

The emergency lighting system must provide the vehicle with 360 degrees of visual warn-ing ability The system must display highly perceptible and attention getting signals that function in a modal system and convey the message in the primary mode to clear the right of way. In the secondary mode hazard vehicle stopped on right of way.

Does you bid comply with this requirement?

Yes () No ()

The basic warning light system shall contain twelve red, one clear and one amber light These lights shall function in a dual mode system as shown in KKK - A - 1822E and meet the physical and photo metric requirements of paragraph 3.8.2.1 of that same document. The upper body warning lights shall be identical and mounted at the extreme upper corner areas of the ambulance body below the horizontal roof line, with the single clear light mounted between the two front facing red upper corner lights and the amber light centered above the rear doors. The two red grill lights shall be mounted per KKK - A - 1822E specifications without compromising the chassis manufacturer's air intake into the engine compartment. This agency is concerned that any blockage of the grill area may raise-se the engine compartment temperature thereby, decreasing engine and climate control efficiency. Therefore, each primary manufacturer will certify, in square inches, the amount of grill area after the installation of the mandatory grill lights. Grill area, expressed in squa-re inches, less than the chassis manufacturer's specifications shall not be acceptable.

Does your bid comply with this requirement?

Yes () No ()

PHOTO METRIC AND PHYSICAL REQUIREMENTS

As specified by KKK - A - 1822E. All emergency light switches shall be labeled as specifi-ed in paragraph 3.7.11 of KKK - A - 1822E, and the primary/secondary mode switch(s) shall have an indicator light to show the driver which mode is activated. All warning light control switches, as described in section 4.3.1 of this document, shall be located in the driver control console and arranged to provide the warning signal modes and combinations as specified in Table 1 of KKK - A - 1822E, page 19. An independent test-ing laboratory will certify that the system meets these requirements. Test documents to be included with this proposal.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

A Whelen 45 Series Advantage light bar shall be installed on the front of the patient compartment module. The lenses shall be Red-Clear-Red-White-Clear-Red. The light bar shall be 86 inches long. The ICC light shall be located on the top of the light bar.

Does your bid comply with this requirement?

Yes () No ()

WARNING LIGHT FLASHERS

A Whelen 90RR5FRR Red Super LED light shall be located each side and rear upper body corners. 2) to be mounted rear midhieght to shine through rear door windows

Does your bid comply with this requirement?

Yes () No ()

A Whelen 90AA5FAR Amber Super LED light shall be located rear, above rear doors, centered.

Does your bid comply with this requirement?

Yes () No ()

Whelen 70R02FCR Red Super LED light shall be installed as grille and front intersection lights. The lenses and the LED lights shall be red.

Does your bid comply with this requirement?

Yes () No ()

A Whelen 70RA6FCR Red/White Super LED light shall be installed as rear intersection lights, above rear wheel well, each side. The lense and the LED lights shall be Red/White.

Whelen flanges shall be installed on all 7E series lights.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

CLEARANCE LIGHTS

The primary manufacturer shall incorporate DOT marker lights at the highest point of the vehicle. The marker lights shall be visible 360 degrees. In addition, each corner marker light shall be recessed and visible 180 degrees. Also at each corner, the marker light lens cover shall be tilted upward on a 45 degree angle to be visible above the horizontal plane for 360 degrees. These measures will insure the vehicle will be visible in low light conditions with the headlights in the "on" position. Bolt on upper clearance lights or clearance lights within the support corner extrusions will not be acceptable. Amber lenses shall be installed on the front corners and Red lenses shall be installed on the rear corners. The light shall be LED and flash at high intensity when activated through a separate switch located on the cab console..

Does your bid comply with this requirement?

Yes () No ()

MARKER LIGHTS

Two red LED marker lights shall be installed in the rear bumper. One shall be installed on the driver's side and one installed on the passenger side of the rear bumper pontoons.

Does your bid comply with this requirement?

Yes () No ()

EXTERIOR FLOOD LIGHTS

Four Whelen 90E000ZB Clear lights shall be installed. Flood and loading lights shall not be less than seventy-five inches above the ground and shall not be obstructed by open doors. Two floodlights shall be located on each sides of the vehicle and be firmly fastened to the body surfaces below the roof line. The side flood lights shall be controlled from the cab console and be independently switched.

Does your bid comply with this requirement?

Yes () No ()

EXTERIOR LOADING LIGHTS

Two Whelen, 90E000ZB, halogen loading lights shall be provided above the rear doors and shall illuminate the area surrounding the back loading and unloading doors. Rear loading lights shall activate automatically when the rear doors are open

City of McAlester Fire Department
McAlester, Oklahoma

regardless of the switch position in the cab console. The rear load lights shall be incorporated with the FMVSS backup lighting system.

Does your bid comply with this requirement?

Yes () No ()

SCENE LIGHT ACTIVATION

The curbside scene lights shall be activated when the curbside door is opened.

Does your bid comply with this requirement?

Yes () No ()

ADDITIONAL REAR SCENE LIGHTS ACTIVATION

The rear scene lights on both the curbside and street side shall activate when the vehicle is place in the reverse gear.

Does your bid comply with this requirement?

Yes () No ()

LICENSE TAG LIGHT

There shall be two license tag lights installed on either side of the rear license plate.

Does your bid comply with this requirement?

Yes () No ()

REVERSE LIGHTS

Two Whelen 60J000CB series reverse lights shall be installed on the rear of the patient compartment.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

STOP TAIL LIGHTS

Two Whelen 60R00BRR red LED tail stop lights shall be installed on the rear of the patient compartment. They shall be located above the kickplate. A waterproof connection to the OEM tail light harness is required.

Does your bid comply with this requirement?

Yes () No ()

TURN SIGNAL LIGHTS

Two Whelen 60A00TAR Amber Arrow LED turn signal lights shall be installed on the rear of the patient compartment. They shall be incorporated into the rear taillight and brake light assembly. A waterproof connection to the OEM tail light harness is required.

Does your bid comply with this requirement?

Yes () No ()

VEHICLE INTERIOR LIGHTING

The basic interior compartment shall be provided with seven overhead dual intensity halogen lights. The lights shall be Weldon 8046. There shall be four lights located over the primary patient stretcher and three over the squad bench. These lights shall be mounted into the patient compartment fiberglass head liner and shall not protrude into the patient compartment. The lights must be screwed through tapping plates embedded in the fiberglass head liner. The overhead shall have two levels of intensity, a high and low settings. The attendant shall be able to control the level of light via switches in the action area control panel. The dual lighting shall work together or may be separately selected from side to side. The four lights over the primary patient shall illuminate on the low setting when the side modular or rear modular doors are open. Certification shall be provided by an independent testing laboratory with this proposal.

Does your bid comply with this requirement?

Yes () No ()

**City of McAlester Fire Department
McAlester, Oklahoma**

STEP WELL LIGHT

A step well light shall be provided in the step well area of the modular curb side door and shall be activated upon opening the curb side or rear modular doors.

Does your bid comply with this requirement?

Yes () No ()

ACTION AREA LIGHT

A twelve volt direct current incandescent light with integral switch shall be provided in the attendant action area. The light shall be a Xantech 105-500.

Does your bid comply with this requirement?

Yes () No ()

12VDC INTERIOR LIGHTING

Three Litco 18 inch fluorescent lights shall be located in patient area headliner.

Does your bid comply with this requirement?

Yes () No ()

EXTERIOR STORAGE COMPARTMENT LIGHTS

Lighting for exterior storage compartments shall be accomplished utilizing low wattage, factory sealed, recess mounted lights, activated by standard automotive plunger and sleeve type self adjusting door jamb switches. The switch must be protected from corrosion by a anticorrosive lubricant applied to the contacts. Documentation of switch corrosion protection shall be submitted with this bid. The use of magnetic switches shall not be used or proposed. Magnetic switches are susceptible to transient voltage fluctuations that may be present from some OEM or add on circuits that may damage the switch rendering the compartment light and "door ajar" circuit inoperable.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

HANDHELD SPOTLIGHT

A hand held spotlight shall be provided with a minimum of four hundred thousand candle power lamp. The spotlight shall be a Blue Eye. It shall be in a corrosion proof housing with a protected momentary switch to prevent accidental activation. A minimum eight feet of heavy duty coiled cord will be supplied and it shall be hard wired in the cab area and accessible to the driver and passenger.

Does your bid comply with this requirement?

Yes () No ()

TIMER

An Intermatic 15 minute Timer shall be installed. The timer shall be wired constant hot and shall power the three (3) patient fluorescent lights.

Does your bid comply with this requirement?

Yes () No ()

ELECTRICAL TROUBLESHOOTING LIGHT

A small light with a switch shall be installed in the circuit board area for troubleshooting. The light shall be wired battery hot.

Does your bid comply with this requirement?

Yes () No ()

SUCTION PUMP

A suction pump shall be installed that shall comply with Federal Specifications KKK-1822E.

Does your bid comply with this requirement?

Yes () No ()

**City of McAlester Fire Department
McAlester, Oklahoma**

ACOUSTIC AND CLIMATE INSULATION

The primary manufacturer shall supply an insulating material that is non flammable with a Class A, Class 1 fire rating. It shall be certified to meet the smoke and flammability requirements of FMVSS 302. The exposed walls of the exterior compartments and wheel wells that intrude into the interior of the modular shall be covered with reflective insulating material with a value of R-14.

Does your bid comply with this requirement?

Yes () No ()

OVERHEAD GRABRAIL

An overhead grabrail shall be installed in the patient compartment head liner. The grabrail shall be yellow powder coated stainless steel and handicapped style with rounded ends. The grabrail shall be a minimum of 117 inches long and shall be mounted in a recess in the liner.

Does your bid comply with this requirement?

Yes () No ()

ENTRY DOOR GRAB HANDLES

On each entry door there shall be an L shaped grab handle. The vertical portion of the L shall be close to the hinge of the door and run the full length of the upper window in the door. The horizontal portion of the L shall be located just under the upper window. The grab handles shall be 1 inch diameter safety yellow handicapped style.

Does your bid comply with this requirement?

Yes () No ()

OXYGEN CYLINDER RACK

A Ziamatic oxygen cylinder rack shall be located in compartment Driver side front. The rack shall be QRM-2 for an "M" cylinder.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

OXYGEN, MAIN SUPPLY AND INSTALLATION

The ambulance shall have a hospital type piped oxygen system capable of storing and supplying three thousand liters of medical oxygen. The cylinder controls shall be accessible from inside the patient compartment. The pressure gauge shall be visible from either the attendant's seat or from the squad bench. The oxygen shall be piped to two self sealing Ohio adaptable oxygen outlets located in the action area, one outlet located in the liner at the head of the cot, and one located on the curbside wall at the head of the squad bench. The oxygen system will incorporate electrically conducted oxygen hose with a working pressure of one hundred and fifty pounds per square inch. All oxygen hose and outlets will use machine crimped brass ferrules and high pressure connectors. The entire oxygen delivery system will be pressured tested with a minimum of one hundred and fifty pounds per square inch of pressure of nitrogen gas for a period of four hours. The testing documentation will be delivered with the vehicle.

A vacuum port shall also be located in the action area to supply the vacuum to the suction container.

Does your bid comply with this requirement?

Yes () No ()

SUCTION

A SSCOR suction to match current fleet shall be mounted in the Action Area,

Does your bid comply with this requirement?

Yes () No ()

SEAT, LITTER, RESTRAINT ANCHORAGE

Patient restraints shall be as specified in paragraph 3.11.8 of Federal Specification KKK - A - 1822E. Cot fasteners and safety bets shall be mounted in tapping plates. The cot fastener shall be a **Stryker 6377 Dual postion.**

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

IV HOLDERS FOR INTRAVENOUS FLUID CONTAINERS

Shall be as specified in paragraph 3.11.9 of Federal Specification KKK - A - 1822E. One shall be located on the curbside at the head and foot of the cot, and one shall be located on the street side at the head and the foot of the cot.

Does your bid comply with this requirement?

Yes () No ()

COMPARTMENT FLOOR AND SHELF COVERING

All compartment floors and shelves shall have a black Dri-Deck installed.

Does your bid comply with this requirement?

Yes () No ()

INTERIOR SURFACES

All vertical edges of cabinets shall be of an aluminum extrusion with a ¼ inch radius designed to free the interior of the patient's compartment of all sharp edges or projections. The face and inside of the cabinets shall be covered by a commercial grade laminate and adhered to the cabinet face by a high quality poly vinyl adhesive using a thermal press application. The wood, adhesive and laminate shall be pressed together at 200 degrees for four minutes in a thermal platen press. There shall be no voids of the adhesive between the laminate and the cabinet surfaces.

Does your bid comply with this requirement?

Yes () No ()

CABINET CONSTRUCTION

The interior cabinets, squad bench assembly, shelves and doors shall be constructed of marine grade plywood; due to the product's ability to be customized to fulfill the needs of this agency, the additional acoustical and thermal insulation properties, repair ability, and the safety factor of not producing sharp fragments or shards in the event of a serious collision. The thickness of the finished panels used to construct the cabinets, shelves and doors shall be 3/4 inches including mica, adhesive, and glue. Any construction materials that provides anything less than 3/4 inch panels in cabinet construction is not acceptable to this agency. **NO EXCEPTION.**

The squad bench lid shall be attached to the squad bench assembly via a stainless steel piano hinge the entire length of the bench. The squad bench shall be equipped

**City of McAlester Fire Department
McAlester, Oklahoma**

with a locking device to automatically secure the lid upon closing. The patient compartment wall panel (behind the squad bench) and the cab compartment wall panel shall be constructed of 1/4 inch plywood and covered with color coordinating high pressure laminate.

The cabinets shall be constructed using 8 mm dowels placed no farther than 32 mm apart. The dowels shall be a hardwood and pre-glued.

The doors on the upper cabinets shall be surface mounted with European hinges and 3mm edge banding. The doors on the center and lower cabinets shall be flush mounted using continuous stainless steel piano hinge and a 3 mm edge banding. All doors and cabinet openings shall be covered with a 3 mm edge banding with radius edges.

Does your bid comply with this requirement?

Yes ()

No ()

INTERIOR STOWAGE ACCOMMODATIONS

The interior of the patient compartment shall provide but not be limited to a minimum volume of thirty cubic feet of enclosed cabinets. Interior cabinet, shelf and compartment space shall be conveniently located for medical supplies, devices or other equipment. All interior cabinets shall be fully lined inside with high-pressure plastic laminate. The equipment and supplies necessary for airway management shall be within easy reach of the medic at the head of the stretcher. Interior cabinet dimensions are as described.

Does your bid comply with this requirement?

Yes ()

No ()

INTERIOR SURFACES

The cabinets shall be a Dove Gray over a Pewter Brush.

Does your bid comply with this requirement?

Yes ()

No ()

FLOOR

A top floor of seven ply three quarter inch boat grade plywood, sanded both sides with no voids, shall be installed over the moisture barrier. The plywood shall be marine resin coated prior to installation to prevent warping due to ambient moisture absorption. The plywood floor shall be one piece from the bulkhead to the rear doors

City of McAlester Fire Department
McAlester, Oklahoma

between the patient door steeple and squad bench and extend under the street side cabinets. The plywood floor shall be securely anchored to the floor sub structure with one quarter inch UNF machine by two and one half inch screws.

Does your bid comply with this requirement?

Yes () No ()

FLOOR COVERINGS

The patient compartment floor covering shall be a heavy duty material that is impervious to fluids. The flooring shall be glued to the plywood floor using an adhesive compound. The flooring shall be Lonplate II and the color Gunpowder Gray #424. There shall be no adhesive voids between the flooring and the plywood. The floor shall be designed to roll up the side of the street side and bulk head cabinets and squad bench.

Does your bid comply with this requirement?

Yes () No ()

ATTENDANT SEATING

Seating for the attendant shall consist of a contoured high back padded bucket seat. The seat covering shall be an easy clean vinyl material and be impervious to blood borne pathogens and other contaminants. Therefore, cloth seats or seats with welting seams or visible stitching will not be accepted. The vinyl shall be Gunmetal. Seating must meet OSHA regulation 1910.1030. The seat belt must be certified to KKK - A1822 - E specification and to FMVSS and shall be an integrated three-point harness. An integrated child safety seat shall be incorporated in the seat. Installation shall comply with FMVSS. The seat shall be mounted on a metal box base.

Does your bid comply with this requirement?

Yes () No ()

UPHOLSTERY

The finish of the entire patient's compartment, including storage cabinets and equipment, shall be impervious to soap and water, disinfectants, bio fluids, mildew and shall be fire resistant per FMVSS 302. Upholstered cushions shall be a minimum of thirty two ounce nylon reinforced commercial vinyl material.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

BULKHEAD CABINET

A bulkhead cabinet shall separate the cab from the patient compartment with a sliding door to allow access between the two while providing privacy. The open door shall allow for an aisle of at least 17 inches between the compartments. The door shall have at least a 150 square inch transparent, shatterproof viewing panel in the center section at the driver's eye level. The door shall be secured with a driver's side self-latching device in the open and closed positions. The bulkhead cabinet shall be moved to the rear of the vehicle to allow for 10 inches of space behind the driver and passenger seats.

Does your bid meet this requirement?

Yes () No ()

INTERIOR OXYGEN VIEWING DOOR

A Lexan door shall be installed on the oxygen viewing opening.

Does your bid comply with this requirement?

Yes () No ()

BULKHEAD SLIDING DOOR

The door shall have at least a 150 square inch transparent, shatterproof viewing panel in the center section at the driver's eye level. The door shall be secured with a driver's side self-latching device in the open and closed positions.

Does your bid comply with this requirement?

Yes () No ()

RIGHT FRONT CABINET

The right front cabinet shall house the Heating and Air Conditioning unit. The intake vent shall be located in the lower left corner of the cabinet. The air shall blow out of a vent lo-cated in the upper portion of the cabinet. Cabinet E1 shall be the upper portion of the cabinet with dimensions 28.25 inches high and 33.25 inches wide and 22.25 inches deep. The lower E2 cabinet shall be located next to the intake vent and shall be 26.75 inches high and 20.5 inches wide and 22.5 inches deep. Both E1 and E2 shall allow access from exterior compartment A.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

RIGHT FRONT CABINET DOORS

The right front cabinet shall have two wood doors. The door for the upper cabinet E-1 shall be a dual wood door, and the door for the lower cabinet E-2 shall be hinged on the left. The doors shall be manufactured from 3/4 inch marine grade plywood and be covered in color coordinated high pressure laminate. The doors shall be mounted flush with the cabinet opening.

Does your bid comply with this requirement?

Yes () No ()

CABINET HANDLE

A "C" pull handle shall be installed on each door on the right front cabinet.

Does your bid comply with this requirement?

Yes () No ()

CABINET LATCH

A plunger roller latch shall be installed on the right front cabinet doors to keep them secure during transit.

Does your bid comply with this requirement?

Yes () No ()

CABINET LATCH

A lever latch shall be installed Right Front Cabinet

Does your bid comply with this requirement?

Yes () No ()

CABINET LATCH

A lever latch with a lock shall be installed cabinet L.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

SQUAD BENCH CABINET

The squad bench cabinet shall be located on the curb side of the patient compartment over the rear wheel well. The squad bench shall be a minimum of 72 inches long and be constructed of three quarter inch birch. The lid shall be attached to the squad bench assembly via a stainless steel piano hinge the entire length of the bench. The hinge shall attach with fasteners in a vertical position through the face of the lid and not through the edge of the cabinet and lid. The squad bench shall be equipped with a locking device to automatically secure the lid upon closing. The squad bench shall be furnished with three sets of lap safety belts for seated occupants and for the retention of a cot when positioned on the squad bench. The anchorages for the side facing seat belt assembly shall withstand a minimum of 2,500 pounds force when tested in accordance with FMVSS 210-S5.1. A full length cushion shall be installed on the squad bench lid and on the wall as a back rest. The interior of the squad bench shall provide storage.

Does your bid comply with this requirement?

Yes () No ()

SQUAD BENCH LID

The squad bench shall have a full length lid that shall be manufactured from three quarter inch birch. The lid shall be covered in color coordinating high pressure laminate.

Does your bid comply with this requirement?

Yes () No ()

SQUAD BENCH LATCH

The squad bench lid shall be secured with a paddle handle that latches automatically when the squad bench lid is closed. The latch shall hold the lid secure during transit and shall not open unless the handle is lifted.

Does your bid comply with requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

SQUAD BENCH HOLD OPEN

When the squad bench lid is lifted, it shall be held in place by a 60 pound pneumatic hold open.

Does your bid comply with requirement?

Yes () No ()

CURBSIDE SPLINT CABINET

A cabinet shall be located above the squad bench near the headliner. The cabinet shall be 7 inches deep, 11.25 inches high and run the length from the curbside door to the rear wall cabinet. The cabinet shall be separated into two equal cabinets with clear sliding Lexan.

Does your bid comply with this requirement?

Yes () No ()

STREETSIDE REAR MIDDLE CABINET

Cabinet "H" shall be located on the street side of the patient compartment. It shall be the rear most middle cabinet and shall be 20.75 inches high and 38.25 inches wide. The opening shall provide access to compartment "D".

Does your bid comply with this requirement?

Yes () No ()

STREETSIDE MIDDLE CABINET

Cabinet "M" shall be located on the street side of the patient compartment. It shall be the middle cabinet just forward of compartment "D" and shall be 7.25 inches high, 22.0 inches wide, and 19.5 inches deep.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

STREETSIDE MIDDLE LOWER CABINET

Cabinet "O" shall be located on the street side of the patient compartment. It shall be the middle lower cabinet just below cabinet "M" and shall be 15.0 inches high, 22.0 inches wide, and 19.5 inches deep.

Does your bid comply with this requirement?

Yes () No ()

CPR SIDE SEAT

A CPR side seat shall be located just above the rear street side wheel well. Seamless upholstered cushions shall be located on the bottom and rear wall of the seat area. Cushions shall also be located above the head area for safety.

The CPR seat backrest shall fold or drop down to serve as an additional counter top.

Does your bid comply with this requirement?

Yes () No ()

CPR SEAT STORAGE

A small storage area shall be located under the CPR seat and just above the wheel well. The storage shall be accessed by lifting a lid which holds the bottom seat cushion.

Does your bid comply with this requirement?

Yes () No ()

STREETSIDE REAR UPPER CABINET

Cabinet "J" shall be located on the street side of the patient compartment. It shall be the rear upper cabinet and shall be 18.5 inches high, 24.25 inches wide, and 19.5 inches deep.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

STREETSIDE REAR UPPER CABINET

Cabinet "K" shall be located on the street side of the patient compartment. It shall be the rear upper cabinet just above cabinet "M" and shall be 18.5 inches high, 26.75 inches wide, and 19.5 inches deep.

Does your bid comply with this requirement?

Yes () No ()

STREETSIDE FORWARD UPPER CABINET

Cabinet "L" shall be located on the street side of the patient compartment. It shall be the forward upper cabinet just above the action area. The cabinet shall be divided into three separate cabinets "L1", "L2", and "L3". Cabinet "L1" shall be 18 inches high, 9 3/4 inches wide, and 17 3/4 inches deep. Cabinets "L2" and "L3" shall be equal in size 18 inches high, 20 1/2 inches wide and 17 3/4 inches deep.

Does your bid comply with this requirement?

Yes () No ()

STORAGE COMPARTMENTS AND CABINET DESIGN

All storage cabinets shall be easily opened but shall not come open during transit. The cabinets shall be accessible through a reciprocating horizontal sliding Plexiglas door. The door shall be transparent to permit viewing of supplies and the door shall open with a grab anywhere device. The handle shall run the full vertical length of the plexiglass. The Plexiglas shall be three sixteenths of an inch in thickness and shall be enclosed in an extruded aluminum frame. The frame shall cover the entire perimeter of the cabinet opening and the Plexiglas set within the frame on a track lined with a material to prevent the Plexiglas from sliding open and shut during transport.

Does your bid comply with this requirement?

Yes () No ()

CABINET "H" DOOR

The door to cabinet "H" shall be a Lexan slider. The Lexan shall be Clear

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

CABINET "M" DOOR

The door to cabinet "M" shall be a Lexan slider. The Lexan shall be clear.

Does your bid comply with this requirement?

Yes () No ()

CABINET "O" DOOR

The door to cabinet "O" shall be a Lexan slider. The Lexan shall be clear.

Does your bid comply with this requirement?

Yes () No ()

TELEMETRY TRAY

The top of the telemetry cabinet shall provide a clean work area. The countertop shall be one piece with a one inch lip around the tray. The tray shall be manufactured from molded polyester resin to provide a seamless countertop. The tray shall be topped with a durable top coat of gray gel coat. **NO EXCEPTION.**

Does your bid comply with this requirement?

Yes () No ()

ACTION AREA TRAY

The top of the action area cabinet shall provide a clean work area. The countertop shall be one piece with a one inch lip around the tray. The tray shall be manufactured gray ABS. **NO EXCEPTION.** This tray is mandatory to facilitate cleaning and contain any fluids or biological waste during transit. The tray shall allow for access to the trash and sharps containers located in compartment "E". A red flip up lid be located over the trash and sharps access.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

ACTION AREA CABINET

The action area shall provide for easy access to switches located in the action from the attendant seat, squad bench and CPR seat, if applicable. The switches shall be located in an angled cabinet on the back wall of the action area.

Does your bid comply with this requirement?

Yes () No ()

CABINET "J" DOOR

The door to cabinet "J" shall be a Lexan slider. The Lexan shall be clear.

Does your bid comply with this requirement?

Yes () No ()

CABINET "K" DOOR

The door to cabinet "K" shall be a Lexan slider. The Lexan shall be clear.

Does your bid comply with this requirement?

Yes () No ()

CABINET "L1" DOOR

The door to cabinet "L1" shall be a solid wood door hinged on the right.

Does your bid comply with this requirement?

Yes () No ()

CABINET "L2" DOOR

The door to cabinet "L2" shall be a Lexan slider. The Lexan shall be clear.

Does your bid comply with this requirement?

Yes () No ()

City of McAlester Fire Department
McAlester, Oklahoma

CABINET "L3" DOOR

The door to cabinet "L3" shall be a Lexan slider. The Lexan shall be clear.

Does your bid comply with this requirement?

Yes () No ()

ADDITIONAL OPTIONS TO BE INCLUDED

VALVE EXTENDERS

Valve extenders shall be installed on the inboard rear tires to allow easy access for filling.

Does your bid comply with this requirement?

Yes () No ()

EMBLEMS AND MARKINGS

The completed ambulance shall bear the markings as required in section 3.16.4 of KKK-1822E. The border of the marking shall be white. This includes the Star of Life and Ambulance lettering to match current fleet.

Does your bid comply with this requirement?

Yes () No ()

STANDARD MANDATORY MISCELLANEOUS EQUIPMENT

Unless otherwise precluded elsewhere in this specification the vehicle shall be equipped with the following:

- *One five pound fire extinguisher that is ABC dry chemical multipurpose with a quick release bracket.
- *No smoking oxygen equipment signs conspicuously place in the cab and patient compartment.
- *A back up alarm, audible warning device activated when the vehicle is shifted into or moving in reverse.
- *O2 regulator, fixed 50 psi installed in the O2 compartment.

In addition, the following items shall be shipped loose in the vehicle:



McAlester City Council

AGENDA REPORT

Meeting Date: March 31, 2009 Item Number: 3
Department: Fire
Prepared By: Harold Stewart Account Code: _____
Date Prepared: 03/23/09 Budgeted Amount: _____
Exhibits: Two

Subject

Consider, and act upon, authorizing the Mayor to enter into Lease Purchase Agreement with First National Bank & Trust Company of McAlester to fund the purchase of the ambulance for a term of five years at 4.75% interest per annum.

Recommendation

Motion to authorize the Mayor to sign a Lease Purchase Agreement with First National Bank & Trust Company of McAlester to fund the purchase of an ambulance for a term of five years at 4.75% interest per annum.

Discussion

The Fire Department received two proposals for financing the ambulance from First National Bank & Trust Company of McAlester and Baystone Financial Group. Attached are the proposals, which the recommendation is to finance the ambulance for a five year period at 4.75% through the First National Bank & Trust of McAlester.

Approved By

	<i>Initial</i>	<i>Date</i>
Department Head	<u>HS</u>	<u>03/23/09</u>
City Manager	<u>MBR</u>	<u>03/23/09</u>

BAYSTONE FINANCIAL GROUP

1680 Charles Place Manhattan, KS 66502

February 11, 2009

FORMAL PROPOSAL

LESSEE: CITY OF MCALESTER, OKLAHOMA

- ✓ This is a finance/ownership lease. No residual value.
- ✓ Fixed interest rate for the three (3) year, and five (5) year terms.

EQUIPMENT: NEW WHEELED COACH TYPE III FORD E-450 3165F AMBULANCE

OPTION 1

Acquisition Cost:	\$98,750.00	Term:	Three (3) years	First Payment Due:	One Year from Close
Down Payment:	\$20,000.00	Payment Mode:	Annual	Payment Amount:	\$29,455.70
Trade In:	\$0.00	Interest Rate:	5.990%		
Principal Balance:	\$78,750.00	Rate Factor:	0.374041		

OPTION 2

Acquisition Cost:	\$98,750.00	Term:	Five (5) years	First Payment Due:	One Year from Close
Down Payment:	\$20,000.00	Payment Mode:	Annual	Payment Amount:	\$18,689.88
Trade In:	\$0.00	Interest Rate:	5.990%		
Principal Balance:	\$78,750.00	Rate Factor:	0.237332		

- * To lock in the Lessee's rate for the term of the loan, Baystone Financial Group will establish a Vendor Payable Account (VPA) on behalf of the Lessee. This transaction must be credit approved, lease documents executed and returned to Baystone Financial Group on or before February 25, 2009, or Lessor reserves the right to adjust and determine a new Base Interest Rate. The Lessee will control the draws from this VPA, however, no premature disbursements may be made. This is a non-interest bearing account.
- * This is a proposal only and is not a commitment to finance. This proposal is subject to credit review and approval and proper execution of mutually acceptable documentation.
- * Failure to consummate this transaction once credit approval is granted and the lease documents are drafted and delivered to Lessee will result in a documentation fee being assessed to the Lessee.
- * This transaction must be designated as tax-exempt under Section 103 of the Internal Revenue Code of 1986 as amended.
- * **LESSEE'S TOTAL AMOUNT OF TAX-EXEMPT DEBT TO BE ISSUED IN THIS CALENDAR YEAR WILL NOT EXCEED THE \$10,000,000 LIMIT.**
- * There are no additional documentation fees or closing costs due Baystone Financial Group.

BAYSTONE FINANCIAL GROUP	CITY OF MCALESTER, OKLAHOMA
	Signature:
Christina Ummel for Blake Kaus	Typed Name & Title
Business Development Manager	Date:

1680 Charles Place Manhattan, KS 66502
Ph: 800.752.3562; Fax: 785.537.4806
cummel@baystone.net
www.baystone.net



Roi Nelson
President / CEO

February 12, 2009

Mr. Harold Stewart
Fire Chief
City of McAlester
McAlester, Oklahoma 74501

Dear Harold:

I appreciate your call on Monday regarding the opportunity for our bank to bid on a tax exempt lease purchase arrangement with the City of McAlester for the purpose of purchasing a new ambulance for the Fire Department.

I submit the following as per your request:

Lease Purchase Amount-\$98,750.00

1. Interest rate of 4.30% for a 3 year annual payment; payment amount approximately \$35,800.00
2. Interest rate of 4.75% for a 5 year annual payment; payment amount approximately \$22,700.00

This quote is good until April 15, 2009. Should we be the successful bidder please keep in mind that we must fund directly from the lease to the seller of the ambulance. We would appreciate hearing from you as soon as you make your decision.

If you have any questions please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Roi Nelson". The signature is written in a cursive, flowing style.

Roi Nelson
President/CEO



McAlester City Council

AGENDA REPORT

Meeting Date: March 31, 2009 **Item Number:** 4
Department: Public Works, Utilities & Community Services
Prepared By: George Marcangeli, Mel Priddy & David Medley **Account Code:** _____
Date Prepared: March 20, 2009 **Budgeted Amount:** _____
Exhibits: Eighteen

Subject

Discussion, and possible action, on review of certain City properties that might be declared surplus and disposed of in accordance with State and local laws and/or ordinances.

Recommendation

Motion to discuss, and possibly, declare certain City properties as surplus and establish a procedure for the sale of these surplus properties in accordance with State and local laws and/or ordinances.

Discussion

In February, 2009, the City Manager appointed a three member Committee to review all City-owned properties and make a recommendation to the Council to surplus any properties that the Committee felt were not in the best interest of the City to retain. The sale of these properties could provide some much-needed revenue to the City and eliminate some maintenance expenses on properties that are not being utilized by the City.

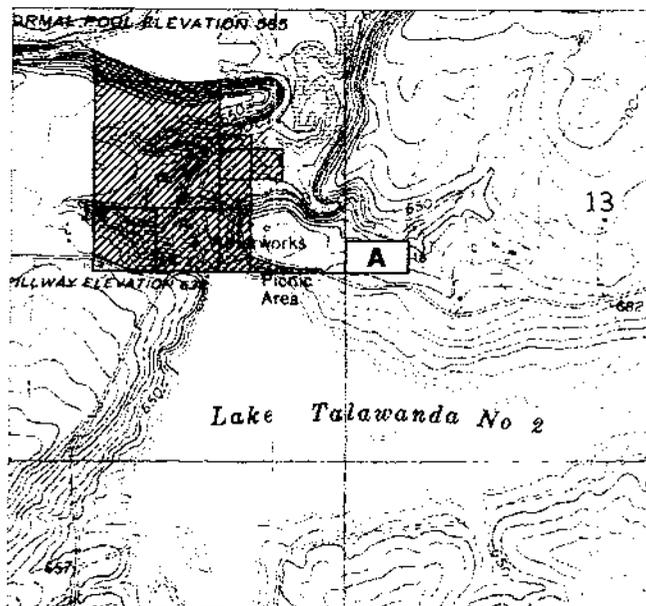
The Committee identified eighteen (18) parcels of land that might be surplus by the Council at some future date. The parcels are identified on the attached Exhibit(s) as Parcels "A" through "R". Each exhibit contains a legal description of the property, a site map showing the location of the property and a recent digital photo of the property.

Approved By

	<i>Initial</i>	<i>Date</i>
Department Head	<u>GEM,MWP,DRM</u>	<u>03/20/09</u>
City Manager	<u>MBR</u>	<u>03/23/09</u>



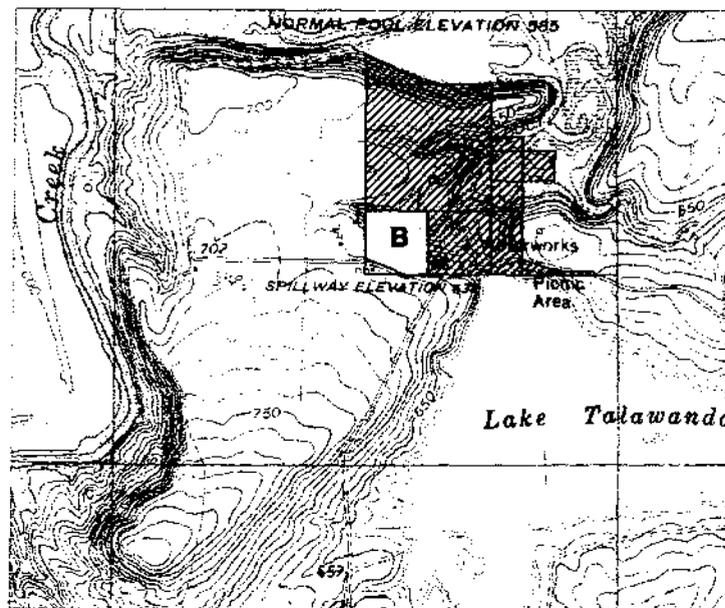
PARCEL A - 5.0 ACRES
S/2,NW/4,NW/4,SW/4, - SECTION 13, T6N, R14E



Prepared By:
City of McAlester
Engineering Department



PARCEL B - 9.19 ACRES
NW/4,NW/4,SE/4, LESS SW DIAGONAL 1/2 OF W. 422.5'
OF S. 165.8' OF SAID NW/4,NW/4,SE/4, - SECTION 14,T6N, R14E

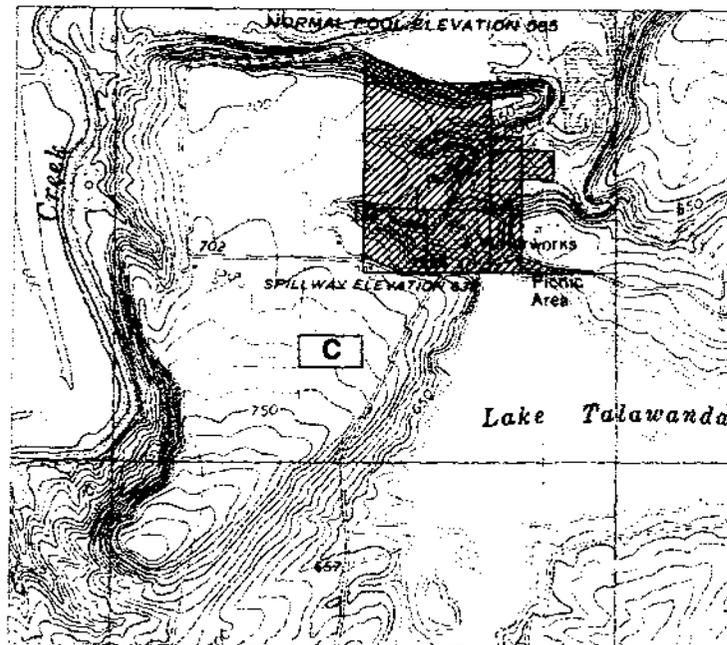


Prepared By:
City of McAlester
Engineering Department

SHEET 2 OF 18



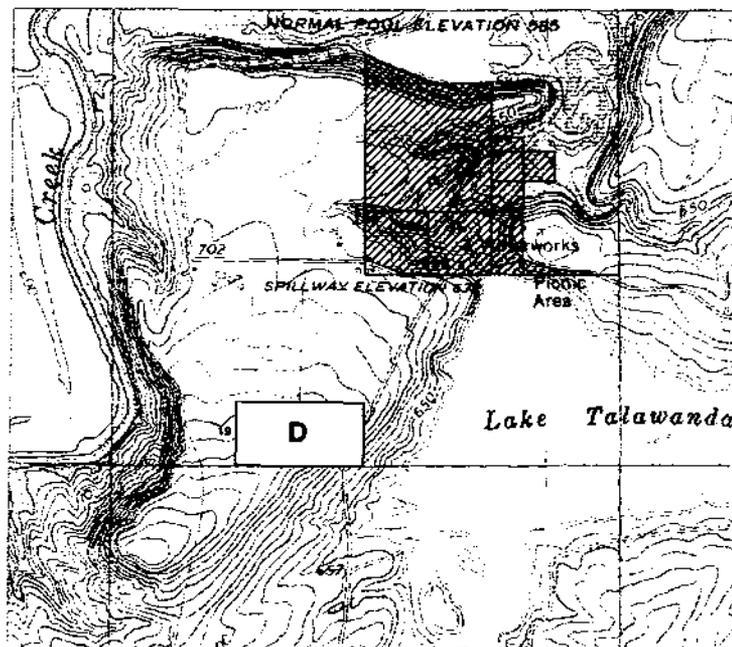
PARCEL C - 5.0 ACRES
N/2,NE/4,SE/4,SW/4 - SECTION 14, T6N, R14E



Prepared By:
City of McAlester
Engineering Department



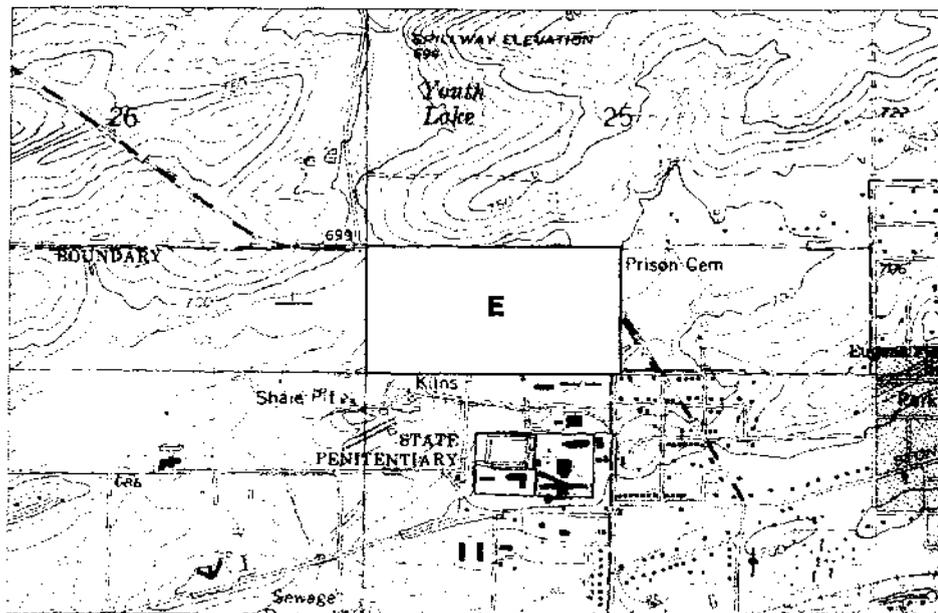
PARCEL D - 20.0 ACRES
S/2,SE/4,SW/4, - SECTION 14, T6N, R14E



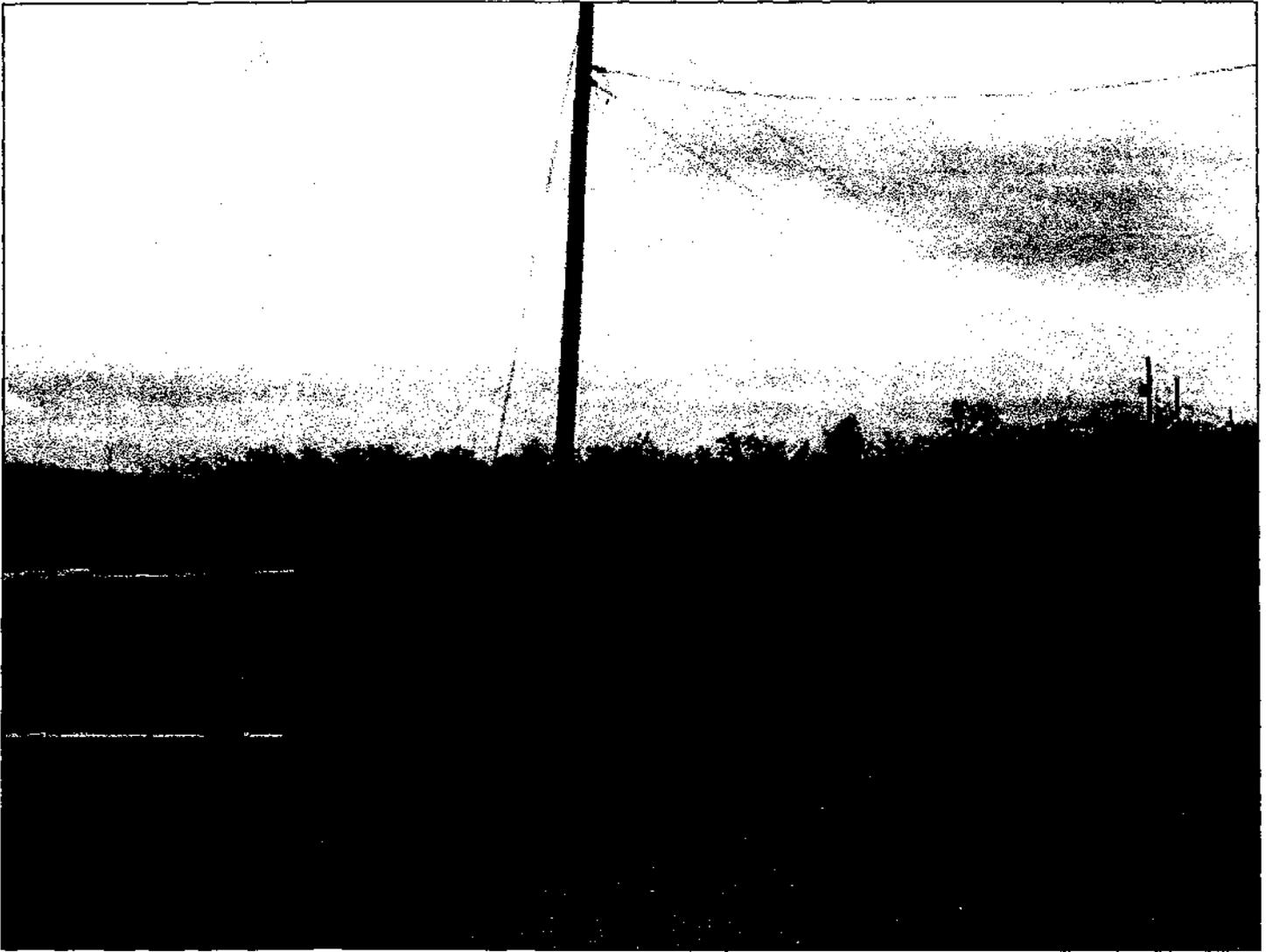
Prepared By:
City of McAlester
Engineering Department



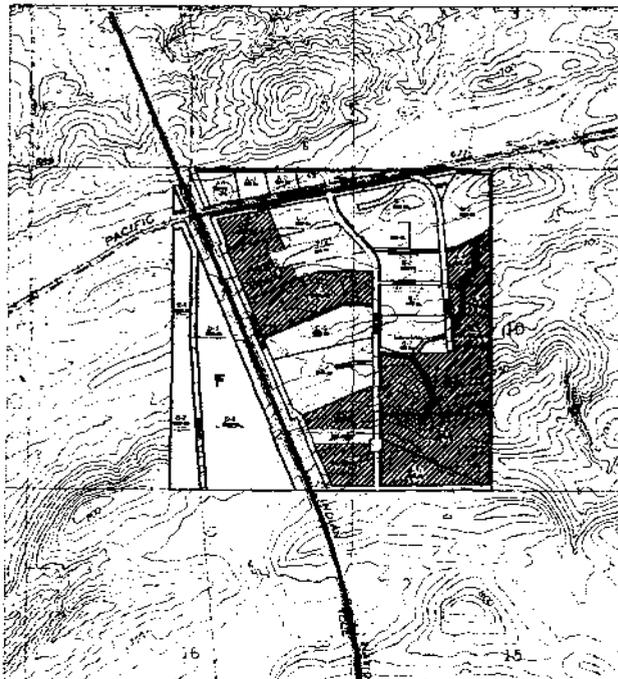
PARCEL E - 80.0 ACRES
S/2,9W/4 - SECTION 25, T6N, R14E



Prepared By:
City of McAlester
Engineering Department



PARCEL F - 105.43 ACRES
LOTS D-1, D-2, E-1, E-2, E-3, STEVEN W. TAYLOR INDUSTRIAL PARK



Prepared By:
City of McAlester
Engineering Department



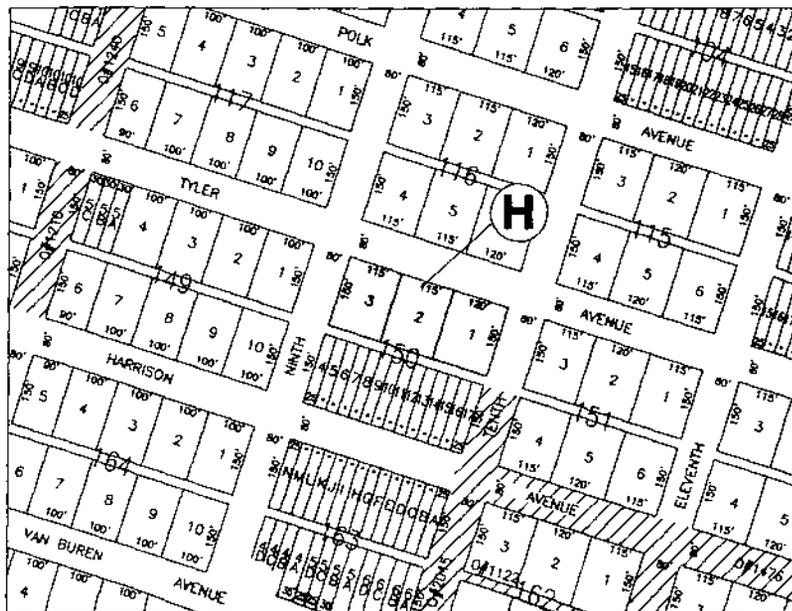
**PARCEL G - 0.32 ACRES
LOT 3, BLOCK 182, NORTH McALESTER**



Prepared By:
**City of McAlester
Engineering Department**



PARCEL H - 1.20 ACRES
LOTS 1, 2, & 3, BLOCK 150, SOUTH McALESTER



Prepared By:
City of McAlester
Engineering Department



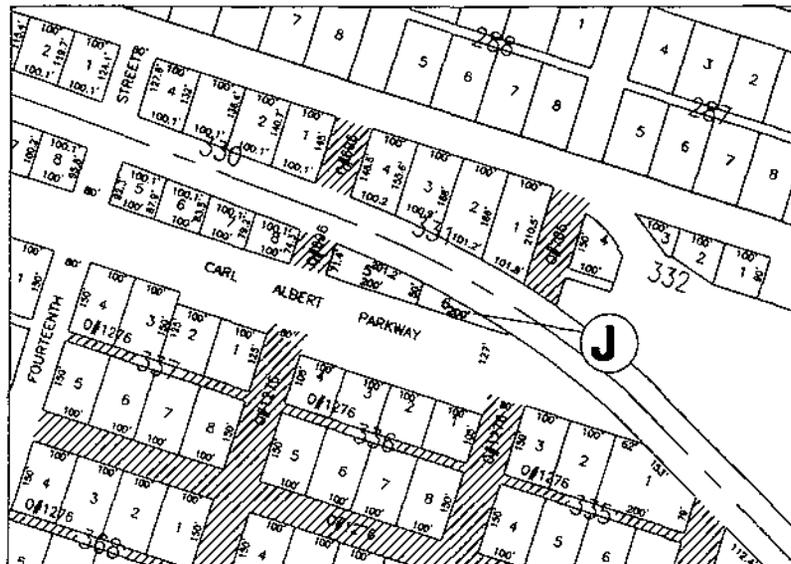
PARCEL I - 0.59 ACRES
LOT 2 & W/2 LOT 5, BLOCK 196, SOUTH McALESTER



Prepared By:
City of McAlester
Engineering Department



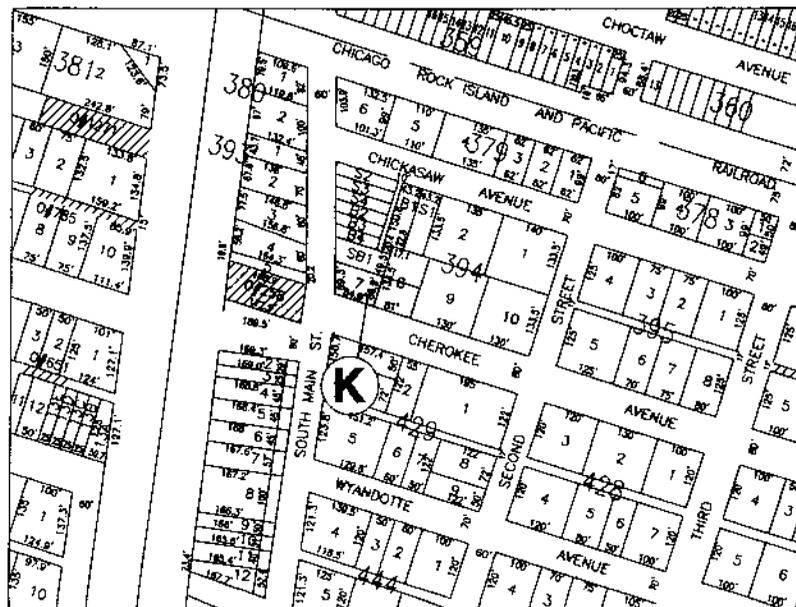
PARCEL J - 0.39 ACRES
LOTS 5 & 6, BLOCK 331, SOUTH McALESTER & THE
E. 40' OF VACATED 15TH ST. LYING ADJACENT THERETO



Prepared By:
City of McAlester
Engineering Department



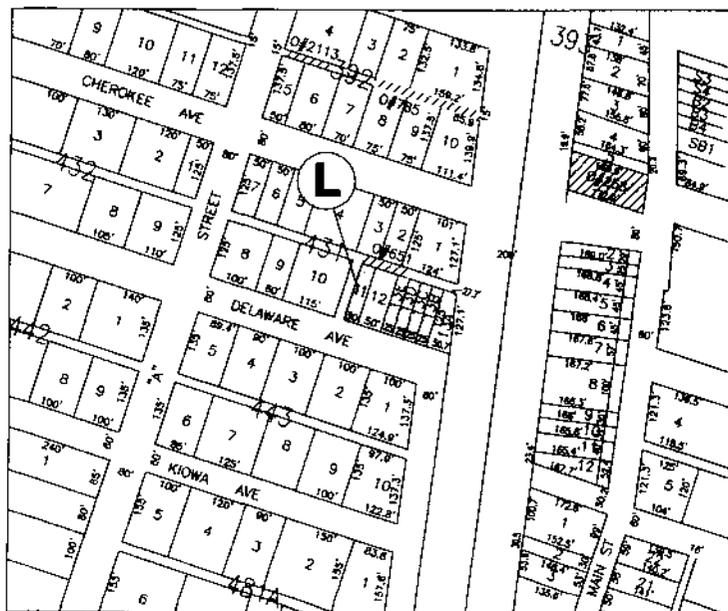
**PARCEL K - 0.27 ACRES
LOT 7 & 8/2 LOT 8 BLOCK 394, SOUTH McALESTER**



Prepared By:
**City of McAlester
Engineering Department**



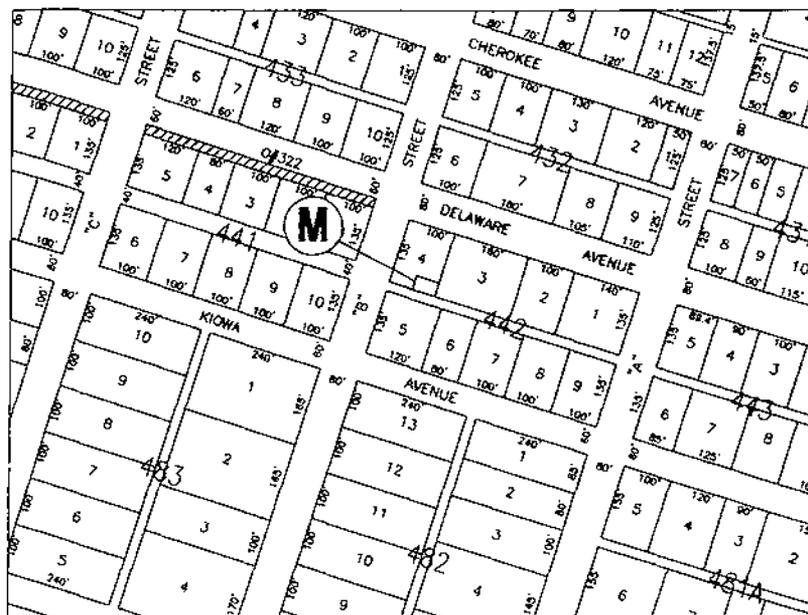
**PARCEL L - 0.05 ACRES
W. 20' LOT 11, BLOCK 431, SOUTH McALESTER**



Prepared By:
City of McAlester
Engineering Department



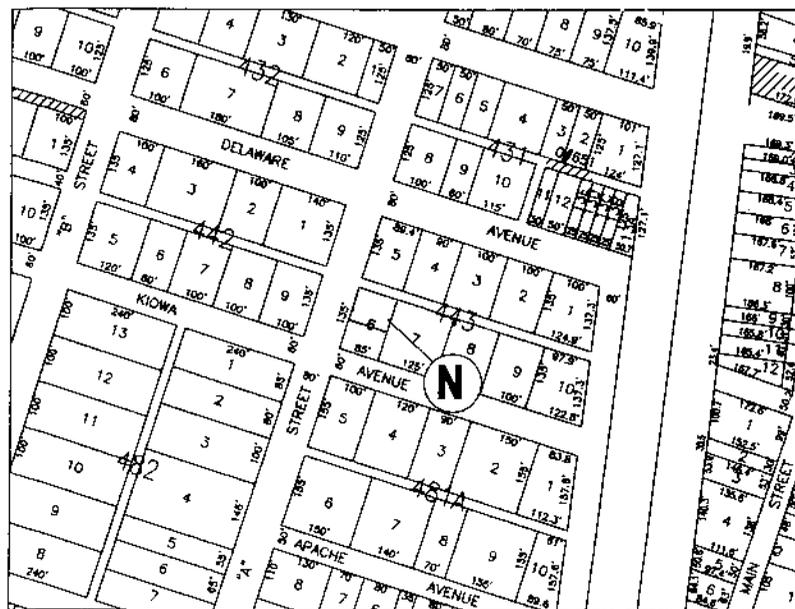
PARCEL M - 0.03 ACRES
9. 30' OF E. 50', LOT 4, BLOCK 442, SOUTH McALESTER



Prepared By:
City of McAlester
Engineering Department



PARCEL N - 0.14 ACRES
N. 72', LOT 6, BLOCK 443, SOUTH McALESTER



Prepared By:
City of McAlester
Engineering Department



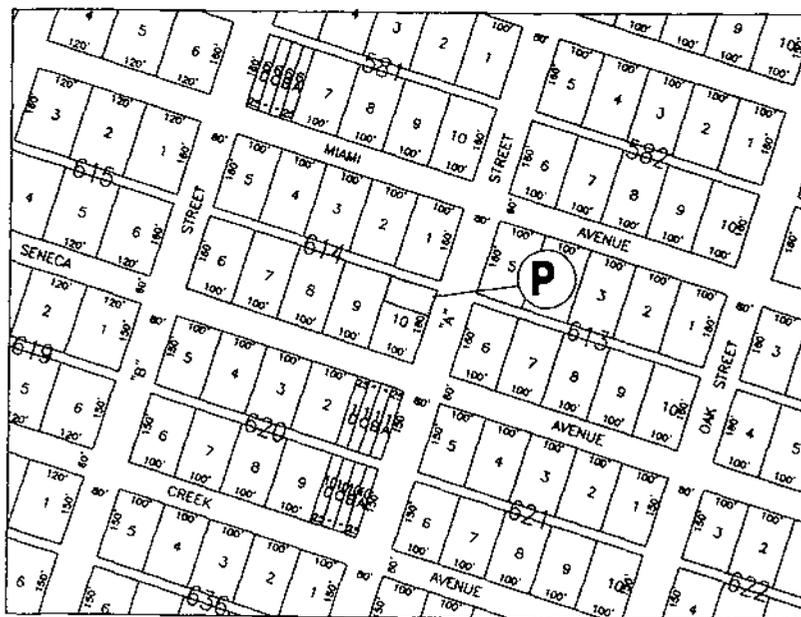
PARCEL 0 - 0.13 ACRES
LOT 1, BLOCK 481B, SOUTH McALESTER



Prepared By:
City of McAlester
Engineering Department



PARCEL P - 0.13 ACRES
N. 55', LOT 10, BLOCK 614, SOUTH McALESTER



Prepared By:
City of McAlester
Engineering Department



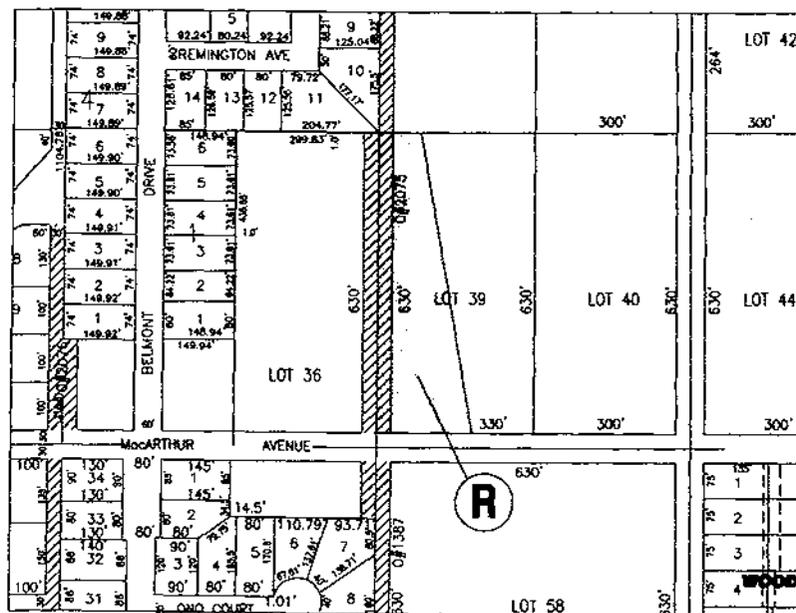
PARCEL Q - 0.19 ACRES
LOT 6, BLOCK 545, SOUTH McALESTER



Prepared By:
City of McAlester
Engineering Department



PARCEL R - 20.03 ACRES



Prepared By:
City of McAlester
Engineering Department



McAlester City Council

AGENDA REPORT

Meeting Date: March 31, 2009 Item Number: 5
Department: Utilities
Prepared By: David Medley Account Code: _____
Date Prepared: March 20, 2009 Budgeted Amount: _____
Exhibits: None

Subject

Discussion, and possible action, on the March 2008 Tank Inspection Report prepared by Utility Service Company, Inc.

Recommendation

Motion to approve the Utility Service Company's "Water Storage Tank Inspection Report".

Discussion

The City of McAlester recently engaged Utility Service Company of Collinsville, Oklahoma to undertake an inspection of the City's water storage tanks. The tanks were inspected to evaluate the structural conditions, interior and exterior coating conditions, sanitary conditions (screen, vents, and overflows), safety concerns, and security status.

David Medley, Utilities Director, and Mr. Steve Woodward, Utility Service Company, Inc., will present the results of the inspection, projected tank improvement costs, including the annual maintenance costs, and potential funding sources for the identified improvements.

Approved By

	<i>Initial</i>	<i>Date</i>
Department Head	DRM	03/20/09
City Manager	MBR	03/23/09