

City of Las Cruces®

PEOPLE HELPING PEOPLE

Council Action and Executive Summary

Item # 13 Ordinance/Resolution# 11-12-523

For Meeting of _____

For Meeting of June 18, 2012

(Ordinance First Reading Date) _____

(Adoption Date)

Please check box that applies to this item:

QUASI JUDICIAL

LEGISLATIVE

ADMINISTRATIVE

TITLE: A RESOLUTION TO AWARD THE PURCHASE OF ONE (1) 2012 FORD E-350 PRISONER TRANSPORT VAN FOR THE CITY OF LAS CRUCES POLICE DEPARTMENT, PRISONER TRANSPORT UNIT, FROM BRAUN NORTHWEST, INC. OF CHEHALIS, WASHINGTON, THROUGH HOUSTON-GALVESTON AREA COUNCIL (HGAC BUY) CONTRACT NO. AM-04-10 IN THE AMOUNT OF \$81,574.00.

PURPOSE(S) OF ACTION:

Vehicle purchase.

COUNCIL DISTRICT: N/A		
<u>Drafter/Staff Contact:</u> Mike Baker <i>[Signature]</i>	<u>Department/Section:</u> Transportation/ Fleet Management	<u>Phone:</u> 541-2597
<u>City Manager Signature:</u>	<i>[Signature]</i>	

BACKGROUND / KEY ISSUES / CONTRIBUTING FACTORS:

The Police Department has requested the replacement of a 2000 Ford E-250 Prisoner Van. The Van, Inventory No. 25704, has a mileage of 177,329 mi., maintenance costs exceeding \$31,900.00 in the twelve (12) years of operation; it has exceeded its ten (10) year life cycle, and has an EPA mileage rating of 13.0 MPG (City). While it is still in-service, it is only used in emergency situations due to its poor condition. Fleet Services determined that replacement is necessary and the Vehicle Acquisition Funding (VAF) and Safe Traffic Operations Police Funding (STOP) will be used for the purchase. The funding is coming from both sources since Traffic Operations enforcement at times includes the detention and transportation of detainees.

A search of available manufacturers was made and a comparison of cost of units was conducted. In reviewing the HGAC Buy contract, Braun Northwest was found to have an E-350 Prisoner Van that met the requirements of the Police Department. The pricing of \$81,574.00

was found to be in-line for the unit and was below other's pricing for similar units. From past experiences in purchasing prisoner van units, the costs are reasonable. A demonstration unit was brought to Fleet Services and police personnel examined the unit and it has been found to be acceptable.

The existing 2000 Ford E-250 Prisoner Van will be sold at public auction when the new unit is received and placed in-service. Until that time, the majority of prisoner transports will be left to a single unit, a Dodge C3500 Sprinter Prisoner Van.

SUPPORT INFORMATION:

1. Resolution.
2. Exhibit "A", Purchasing Manager's Request to Contract (PMRC).
3. Attachment "A". HGAC Buy Pricing Quote.
4. Attachment "B", HGAC Acceptance to Vendor.
5. Attachment "C", HGAC Buy Contract AM-04-10.
6. Attachment "D", Fleet Administrator's Acceptance Memorandum.
7. Attachment "E", Fleet Administrator's Price Comparison Matrix.
8. Attachment "F", Braun Northwest, Inc. Specifications.
9. Attachment "G", Braun Northwest, Inc. Construction Drawings.

SOURCE OF FUNDING:

Is this action already budgeted?	Yes	<input checked="" type="checkbox"/>	See fund summary below
	No	<input type="checkbox"/>	If No, then check one below:
	<i>Budget Adjustment Attached</i>	<input type="checkbox"/>	Expense reallocated from: _____
		<input type="checkbox"/>	Proposed funding is from a new revenue source (i.e. grant; see details below)
		<input type="checkbox"/>	Proposed funding is from fund balance in the _____ Fund.
Does this action create any revenue?	Yes	<input type="checkbox"/>	Funds will be deposited into this fund: _____ in the amount of \$ _____ for FY _____.
	No	<input checked="" type="checkbox"/>	There is no new revenue generated by this action.

BUDGET NARRATIVE

N/A

FUND EXPENDITURE SUMMARY:

Fund Name(s)	Account Number(s)	Expenditure Proposed	Available Budgeted Funds in Current FY	Remaining Funds	Purpose for Remaining Funds
Vehicle Acquisition Fund (VAF) – Major Equipment	12100010-851100	\$81,574.00	\$92,199.45	\$51,412.45	Purchase of new support units

OPTIONS / ALTERNATIVES:

1. Vote "Yes"; this will award the purchase of one (1) 2012 Ford E-350 Prisoner Van to Braun Northwest, Inc., Chehalis, Washington, in the amount of \$81,574.00.
2. Vote "No"; this will not allow the purchase and would require Fleet Services to pursue other options for the transport of prisoners.
3. Vote to "Amend"; this could modify the Resolution and advise staff of necessary adjustments as deemed necessary.
4. Vote to "Table"; this could cause a delay in a much needed unit for the operational services for the transport of prisoners.

REFERENCE INFORMATION:

N/A

RESOLUTION NO. 11-12-523

A RESOLUTION TO AWARD THE PURCHASE OF ONE (1) 2012 FORD E-350 PRISONER TRANSPORT VAN FOR THE CITY OF LAS CRUCES POLICE DEPARTMENT, PRISONER TRANSPORT UNIT, FROM BRAUN NORTHWEST, INC. OF CHEHALIS, WASHINGTON, THROUGH HOUSTON-GALVESTON AREA COUNCIL (HGAC BUY) CONTRACT NO. AM-04-10 IN THE AMOUNT OF \$81,574.00.

The City Council is informed that:

WHEREAS, the Fleet Management Section, on behalf of the City of Las Cruces, requests the award for the purchase of one (1) 2012 Ford E-350 Prisoner Transport Van from Braun Northwest Inc. of Chehalis, Washington; and

WHEREAS, the Las Cruces Police Department has requested the replacement of a 2000 Ford E-250 Prisoner Transport Van with mileage of 177,328 mi.; maintenance costs exceeding \$31,900.00; and exceeding the recommended life cycle of ten (10) years needs replacement; and

WHEREAS, a thorough search and comparison was made of comparable units of other prisoner van suppliers; and

WHEREAS, specifications may be well defined and a fixed price quote obtained from a national pricing contract for the vehicle.

NOW, THEREFORE, Be it resolved by the governing body of the City of Las Cruces:

(I)

THAT the Fleet Management Section on behalf of the City of Las Cruces is hereby authorized to purchase of one (1) 2012 Ford E-350 Prisoner Transport Van in the amount of \$81,574.00.

(II)

THAT the Purchasing Manager is authorized to contract with Braun Northwest, Inc., of Chehalis, Washington, as outlined in the signed Exhibit "A", Purchasing Manager's Request to contract form.

(III)

THAT City staff is hereby authorized to do all deeds necessary in the accomplishment of the herein above.

DONE AND APPROVED this _____ day of _____, 20_____.

APPROVED:

Mayor

ATTEST:

City Clerk

(SEAL)

Moved by: _____

Seconded by: _____

VOTE:

Mayor Miyagishima: _____

Councillor Silva: _____

Councillor Smith: _____

Councillor Pedroza: _____

Councillor Small: _____

Councillor Sorg: _____

Councillor Thomas: _____

APPROVED AS TO FORM:


City Attorney

CITY OF LAS CRUCES

PURCHASING MANAGER'S REQUEST TO CONTRACT

For Meeting of: June 18, 2012

Resolution No.: 11-12-523

Existing Contract Purchase For
2012 Ford E-350 Transport Van

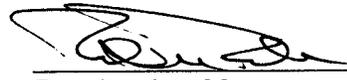
The Las Cruces City Council is provided the following information concerning this request:

RFP/BID SOLICITATION INFORMATION:

- | | |
|---|---------------------------------------|
| 1. Existing Contract Issuer | Houston-Galveston Area Council |
| 2. Contract Number: | AM-04-10 |
| 3. Contract Expiration Date: | September 30, 2012 |
| 4. Description: | 2012 Ford E-350 Transport Van |
| 5. Using Department: | LCPD |
| 6. Current Award Recommendation To: | Braun Northwest, Inc. of Chehalis, WA |
| 7. Award Amount (includes any tax and contingency): | \$81,574.00 |
| 8. Projected Completion Date: | One time buy |

PROCUREMENT CODE COMPLIANCE:

The City of Las Cruces Procurement Code was administered in the conduct of this procurement and approval to purchase is hereby requested pursuant to **Section 24-316**.


Purchasing Manager

1/6/12.
Date

CONFIRMATION OF FUND ENCUMBRANCE:

REQUISITION OR PURCHASE ORDER NUMBER:

12102307

Code or Part No.	Unpublished Option Description	Offered Price
1.01	Utilize 2012 Model Year chassis	\$ 1,000.00
3.04	Chassis/Module - Blue in Color	\$ 1,000.00
4.08	Delete all Module Door Windows	\$ (450.00)
6.16	Upgrade (2) Two Interior Lights to LED - Whelen 80COEJCR	\$ 330.00
6.30.03	Add (4) Four Whelen 700 Series LED Lights on Module	\$ 700.00
6.30.04	Add (3) Three Additional Whelen 700 Series Scene lights on Module	\$ 300.00
6.30.09	Upgrade Siren to Federal Signal SS2200	\$ 1,200.00
6.30.10	Utilize Federal Signal Dynamics ES Speakers	n/c
	Add Locking Cover over Gas Spout	\$ 125.00
	Add Second Seat in Isolation Cell - Note, will reduce compartment 1	n/c
	Add Curbside Electric Step	\$ 550.00
	Add Running Boards	\$ 450.00



Houston-Galveston Area Council

September 24, 2010

Linda Braun, Vice President
Braun Northwest, Inc.
P.O. Box 1204
Chehalis, WA 98532

Dear Mr. Braun:

**RE: CONTRACT NO. AM04-10 FOR THE SUPPLY OF AMBULANCES, EMS AND
OTHER SPECIAL SERVICE VEHICLES**

Enclosed is the completely executed contract for AM04-10 (Ambulances, EMS and Other Special Service Vehicles) for your files. Please be advised that your vendor number is #0810 and also serves as your password for the HGACBuy website. Visit our website at: www.hgacbuy.org to schedule your vendor orientation. Should you require any further information concerning this contract please call me at 713-499-6663..

Sincerely,


Tammy Metty
Contract Specialist
H-GAC Cooperative Purchasing Program

Enclosures



A CONTRACT BETWEEN
HOUSTON-GALVESTON AREA COUNCIL
Houston, Texas
AND
BRAUN NORTHWEST, INC.
Chehalis, Washington

This Contract is made and entered into by the **Houston-Galveston Area Council of Governments**, hereinafter referred to as **H-GAC**, having its principal place of business at 3555 Timmons Lane, Suite 120, Houston, Texas 77027, AND, **Braun Northwest, Inc.**, hereinafter referred to as the **CONTRACTOR**, having its principal place of business at 150 North Star Drive, Chehalis, Washington 98532.

ARTICLE 1: **SCOPE OF SERVICES**

The parties have entered into an **Ambulances, EMS & Other Special Service Vehicles** Contract to become effective as of October 1, 2010, and to continue through September 30, 2012 (the "Contract"), subject to extension upon mutual agreement of the **CONTRACTOR** and **H-GAC**. **H-GAC** enters into the Contract as Agent for participating governmental agencies, each hereinafter referred to as **END USER**, for the purchase of **Ambulances, EMS & Other Special Service Vehicles** offered by the **CONTRACTOR** in states other than Texas. The **CONTRACTOR** agrees to sell **Ambulances, EMS & Other Special Service Vehicles** through the **H-GAC** Contract to **END USERS** in states other than Texas.

ARTICLE 2: **THE COMPLETE AGREEMENT**

The Contract shall consist of the documents identified below in order of precedence:

1. The text of this Contract form, including but not limited to, Attachment A
2. General Terms and Conditions
3. Bid Specifications No: **AM04-10**, including any relevant suffixes
4. **CONTRACTOR's** Response to Bid No: **AM04-10**, including but not limited to, prices and options offered

All of which are either attached hereto or incorporated by reference and hereby made a part of this Contract, and shall constitute the complete agreement between the parties hereto. This Contract supersedes any and all oral or written agreements between the parties relating to matters herein. Except as otherwise provided herein, this Contract cannot be modified without the written consent of both parties.

ARTICLE 3: **LEGAL AUTHORITY**

CONTRACTOR and **H-GAC** warrant and represent to each other that they have adequate legal counsel and authority to enter into this Contract. The governing bodies, where applicable, have authorized the signatory officials to enter into this Contract and bind the parties to the terms of this Contract and any subsequent amendments thereto.

ARTICLE 4: **APPLICABLE LAWS**

The parties agree to conduct all activities under this Contract in accordance with all applicable rules, regulations, directives, issuances, ordinances, and laws in effect or promulgated during the term of this Contract.

ARTICLE 5: **INDEPENDENT CONTRACTOR**

The execution of this Contract and the rendering of services prescribed by this Contract do not change the independent status of **H-GAC** or **CONTRACTOR**. No provision of this Contract or act of **H-GAC** in performance of this Contract shall be construed as making **CONTRACTOR** the agent, servant or employee of **H-GAC**, the State of Texas or the United States Government. Employees of **CONTRACTOR** are subject to the exclusive control and supervision of **CONTRACTOR**. **CONTRACTOR** is solely responsible for employee payrolls and claims arising therefrom.

ARTICLE 6: **END USER AGREEMENTS**

H-GAC acknowledges that the **END USER** may choose to enter into an End User Agreement with the **CONTRACTOR** through this Contract and that the term of said Agreement may exceed the term of the **H-GAC** Contract. However this acknowledgement is not to be construed as **H-GAC's** endorsement or approval of the End User Agreement terms and conditions. **CONTRACTOR** agrees not to offer to, agree to or accept from **END USER** any terms or conditions that conflict with or contravene those in **CONTRACTOR's** **H-GAC** contract. Further, termination of this Contract for any reason shall not result in the termination of the underlying End User Agreements entered into between **CONTRACTOR** and any **END USER** which shall, in each instance, continue pursuant to their stated terms and duration. The only effect of termination of this Contract is that **CONTRACTOR** will no longer be able to enter into any new End User Agreements with **END**

JSERS pursuant to this Contract. Applicable H-GAC order processing charges will be due and payable to H-GAC on any End User Agreements surviving termination of this Contract between H-GAC and CONTRACTOR.

ARTICLE 7: SUBCONTRACTS & ASSIGNMENTS

CONTRACTOR agrees not to subcontract, assign, transfer, convey, sublet or otherwise dispose of this Contract or any right, title, obligation or interest it may have therein to any third party without prior written notice to H-GAC. H-GAC reserves the right to accept or reject any such change. CONTRACTOR shall continue to remain responsible for all performance under this Contract regardless of any subcontract or assignment. H-GAC shall be liable solely to CONTRACTOR and not to any of its Subcontractors or Assignees.

ARTICLE 8: EXAMINATION AND RETENTION OF CONTRACTOR'S RECORDS

CONTRACTOR shall maintain during the course of its work, complete and accurate records of items that are chargeable to END USER under this Contract. H-GAC, through its staff or its designated public accounting firm, the State of Texas, or the United States Government shall have the right at any reasonable time to inspect copy and audit those records on or off the premises of CONTRACTOR. Failure to provide access to records may be cause for termination of this Contract. CONTRACTOR shall maintain all records pertinent to this Contract for a period of not less than five (5) calendar years from the date of acceptance of the final contract closeout and until any outstanding litigation, audit or claim has been resolved. The right of access to records is not limited to the required retention period, but shall last as long as the records are retained. CONTRACTOR further agrees to include in all subcontracts under this Contract, a provision to the effect that the subcontractor agrees that H-GAC'S duly authorized representatives, shall, until the expiration of five (5) calendar years after final payment under the subcontract or until all audit findings have been resolved, have access to, and the right to examine and copy any directly pertinent books, documents, papers, invoices and records of such subcontractor involving any transaction relating to the subcontract.

ARTICLE 9: REPORTING REQUIREMENTS

CONTRACTOR agrees to submit reports or other documentation in accordance with the General Terms and Conditions of the Bid Specifications. If CONTRACTOR fails to submit to H-GAC in a timely and satisfactory manner any such report or documentation, or otherwise fails to satisfactorily render performance hereunder, such failure may be considered cause for termination of this Contract.

ARTICLE 10: MOST FAVORED CUSTOMER CLAUSE

If CONTRACTOR, at any time during this Contract, routinely enters into agreements with other governmental customers within the State of Texas, and offers the same or substantially the same products/services offered to H-GAC on a basis that provides prices, warranties, benefits, and or terms more favorable than those provided to H-GAC, CONTRACTOR shall notify H-GAC within ten (10) business days thereafter of that offering and this Contract shall be deemed to be automatically amended effective retroactively to the effective date of the most favorable contract, wherein CONTRACTOR shall provide the same prices, warranties, benefits, or terms to H-GAC and its END USER. H-GAC shall have the right and option at any time to decline to accept any such change, in which case the amendment shall be deemed null and void. If CONTRACTOR is of the opinion that any apparently more favorable price, warranty, benefit, or term charged and/or offered a customer during the term of this Contract is not in fact most favored treatment, CONTRACTOR shall within ten (10) business days notify H-GAC in writing, setting forth the detailed reasons CONTRACTOR believes aforesaid offer which has been deemed to be a most favored treatment, is not in fact most favored treatment. H-GAC, after due consideration of such written explanation, may decline to accept such explanation and thereupon this Contract between H-GAC and CONTRACTOR shall be automatically amended, effective retroactively, to the effective date of the most favored agreement, to provide the same prices, warranties, benefits, or terms to H-GAC.

The Parties accept the following definition of routine: A prescribed, detailed course of action to be followed regularly; a standard procedure. *EXCEPTION: This clause shall not be applicable to prices and price adjustments offered by a bidder, or contractor, which are not within bidder's control [example; a manufacturer's bid concession], or to any prices offered to the Federal Government and its agencies.*

ARTICLE 11: SEVERABILITY

All parties agree that should any provision of this Contract be determined to be invalid or unenforceable, such determination shall not affect any other term of this Contract, which shall continue in full force and effect.

ARTICLE 12: DISPUTES

Any and all disputes concerning questions of fact or of law arising under this Contract, which are not disposed of by agreement, shall be decided by the Executive Director of H-GAC or his designee, who shall reduce his decision to writing and provide notice thereof to CONTRACTOR. The decision of the Executive Director or his designee shall be final and conclusive unless, within thirty (30) days from the date of receipt of such notice, CONTRACTOR requests a rehearing from the Executive Director of H-GAC. In connection with any rehearing under this

article, CONTRACTOR shall be afforded an opportunity to be heard and offer evidence in support of its position. The decision of the Executive Director after any such rehearing shall be final and conclusive. CONTRACTOR may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a court of competent jurisdiction. Pending final decision of a dispute hereunder, CONTRACTOR shall proceed diligently with the performance of this Contract and in accordance with H-GAC'S final decision.

ARTICLE 13: LIMITATION OF CONTRACTOR'S LIABILITY

Except as specified in any separate writing between the CONTRACTOR and an END USER, CONTRACTOR's total liability under this Contract, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, but excluding its obligation to indemnify H-GAC described in Article 14, is limited to the price of the particular products/services sold hereunder, and CONTRACTOR agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. In no event will CONTRACTOR be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. CONTRACTOR understands and agrees that it shall be liable to repay and shall repay upon demand to END USER any amounts determined by H-GAC, its independent auditors, or any agency of State or Federal government to have been paid in violation of the terms of this Contract.

ARTICLE 14: LIMIT OF H-GAC'S LIABILITY AND INDEMNIFICATION OF H-GAC

H-GAC's liability under this Contract, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to its order processing charge. In no event will H-GAC be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. Contractor agrees, to the extent permitted by law, to defend and hold harmless H-GAC, its board members, officers, agents, officials, employees, and indemnities from any and all claims, costs, expenses (including reasonable attorney fees), actions, causes of action, judgments, and liens arising as a result of CONTRACTOR's negligent act or omission under this Contract. CONTRACTOR shall notify H-GAC of the threat of lawsuit or of any actual suit filed against CONTRACTOR relating to this Contract.

ARTICLE 15: TERMINATION FOR CAUSE

H-GAC may terminate this Contract for cause based upon the failure of CONTRACTOR to comply with the terms and/or conditions of the Contract; provided that H-GAC shall give CONTRACTOR written notice specifying CONTRACTOR'S failure. If within thirty (30) days after receipt of such notice, CONTRACTOR shall not have either corrected such failure, or thereafter proceeded diligently to complete such correction, then H-GAC may, at its option, place CONTRACTOR in default and the Contract shall terminate on the date specified in such notice. CONTRACTOR shall pay to H-GAC any order processing charges due from CONTRACTOR on that portion of the Contract actually performed by CONTRACTOR and for which compensation was received by CONTRACTOR.

ARTICLE 16: TERMINATION FOR CONVENIENCE

Either H-GAC or CONTRACTOR may cancel or terminate this Contract at any time by giving thirty (30) days written notice to the other. CONTRACTOR may be entitled to payment from END USER for services actually performed; to the extent said services are satisfactory to END USER. CONTRACTOR shall pay to H-GAC any order processing charges due from CONTRACTOR on that portion of the Contract actually performed by CONTRACTOR and for which compensation is received by CONTRACTOR.

ARTICLE 17: CIVIL AND CRIMINAL PROVISIONS AND SANCTIONS

CONTRACTOR agrees that it will perform under this Contract in conformance with safeguards against fraud and abuse as set forth by H-GAC, the State of Texas, and the acts and regulations of any funding entity. CONTRACTOR agrees to notify H-GAC of any suspected fraud, abuse or other criminal activity related to this Contract through filing of a written report promptly after it becomes aware of such activity.

ARTICLE 18: GOVERNING LAW & VENUE

This Contract shall be governed by the laws of the State of Texas. Venue and jurisdiction of any suit or cause of action arising under or in connection with this Contract shall lie exclusively in Harris County, Texas. Disputes between END USER and CONTRACTOR are to be resolved in accord with the law and venue rules of the state of purchase. CONTRACTOR shall immediately notify H-GAC of such disputes.

ARTICLE 19: PAYMENT OF H-GAC ORDER PROCESSING CHARGE

CONTRACTOR agrees to sell its products to END USERS based on the pricing and other terms of this Contract, including, but not limited to, the payment of the applicable H-GAC order processing charge. On notification from an END USER that an order has been placed with CONTRACTOR, H-GAC will invoice CONTRACTOR for the applicable order processing charge. Upon delivery of any product/service by CONTRACTOR and acceptance by END USER, CONTRACTOR shall, within thirty (30) calendar days or ten (10) business days after receipt of payment, whichever is less, pay H-GAC the full amount of the applicable order processing charge, whether or not CONTRACTOR has received an invoice from H-GAC. For sales made by CONTRACTOR based on this contract, including sales to

entities without Interlocal Contracts, CONTRACTOR shall pay the applicable order processing charges to H-GAC. Further, CONTRACTOR agrees to encourage entities who are not members of H-GAC's Cooperative Purchasing Program to execute an H-GAC Interlocal Contract. H-GAC reserves the right to take appropriate actions including, but not limited to, contract termination if CONTRACTOR fails to promptly remit H-GAC's order processing charge. In no event shall H-GAC have any liability to CONTRACTOR for any goods or services an END USER procures from CONTRACTOR.

ARTICLE 20:

LIQUIDATED DAMAGES

Any liquidated damages terms will be determined between CONTRACTOR and END USER at the time END USER's purchase order is placed.

ARTICLE 21:

PERFORMANCE BONDS FOR INDIVIDUAL ORDERS

Except as described below for fire apparatus, CONTRACTOR agrees to provide a Performance Bond at the request of END USER within ten (10) days of receipt of END USER's purchase order.

It shall be standard procedure for every order received for fire apparatus that a Performance Bond in the amount of the order be provided to the END USER. Failure of CONTRACTOR to provide such performance bond within ten (10) days of receipt of END USER's order may constitute a total breach of contract and shall be cause for cancellation of the order at END USER's sole discretion. END USER may choose to delete the requirement for a Performance Bond at END USER's sole discretion. If the bond requirement is waived, END USER shall be entitled to a price reduction commensurate with the cost that would have been incurred by CONTRACTOR for the bond.

ARTICLE 22:

CHANGE OF CONTRACTOR STATUS

CONTRACTOR shall immediately notify H-GAC, in writing, of ANY change in ownership, control, dealership/franchisee status, Motor Vehicle license status, or name, and shall also advise whether or not this Contract shall be affected in any way by such change. H-GAC shall have the right to determine whether or not such change is acceptable, and to determine what action shall be warranted, up to and including cancellation of Contract.

ARTICLE 23:

LICENSING REQUIRED BY TEXAS MOTOR VEHICLE BOARD *IF APPLICABLE*

CONTRACTOR will for the duration of this Contract maintain current licenses that are required by the Texas Motor Vehicle Commission Code. If at any time during this Contract period, any CONTRACTOR'S license is not renewed, or is denied or revoked, CONTRACTOR shall be deemed to be in default of this Contract unless the Motor Vehicle Board issues a stay or waiver. Contractor shall promptly provide copies of all current applicable Texas Motor Vehicle Board documentation to H-GAC upon request.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed by their duly authorized representatives.

Signed for Houston-Galveston
Area Council, Houston, Texas:



Jack Steele, Executive Director

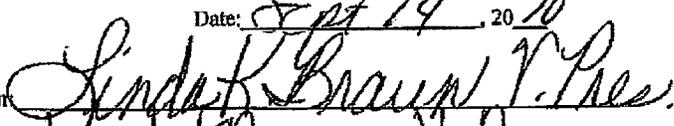
Attest for Houston-Galveston
Area Council, Houston, Texas:



Deidre Vick, Director of Public Services

Date: Sept 14, 2010

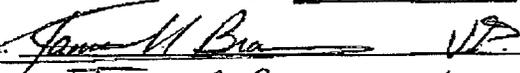
Signed for Braun Northwest, Inc.
Chehalis, Washington:



Printed Name & Title: Linda K. Braun V.P.

Date: 9-9, 2010

Attest for Braun Northwest, Inc.
Chehalis, Washington:



Printed Name & Title: James R. Braun V.P.

Date: 9-9, 2010



GENERAL PURPOSE & EMERGENCY VEHICLES	COMMUNICATIONS EQUIPMENT & SERVICES	GROUPS FACILITIES & PARKS EQUIPMENT	PUBLIC WORKS EQUIPMENT	EMERGENCY EQUIPMENT & SUPPLIES	CONSULTING LEASING & STAFFING SERVICES	EMERGENCY PREPAREDNESS & DISASTER RECOVERY
COOPERATIVE ENERGY & FLEET FUEL						

You are here: Home > Ambulances, EMS and Other Special Service Vehicles

GENERAL PURPOSE & EMERGENCY VEHICLES

AMBULANCES, EMS AND OTHER SPECIAL SERVICE VEHICLES

Contract No.: AM04-10

Effective Date: Effective Date: Oct 1, 2010 thru Sep 30, 2012

The table below shows base bid items only. Other configurations, options and accessories are available. Please contact the appropriate contractor for a written H-GAC contract price quote for your specific equipment needs. NOTE: Manufacturers and converters cannot sell direct in Texas. Texas Members should contact an in-state contractor/dealer. EMS/Rescue and Special Service units in Texas must be sold through an in-state contracted commercial chassis dealer. Members in other states should contact the manufacturer, converter or indicated dealer if a manufacturer or converter contact is not shown.

- [American Emergency Vehicles](#)
- [Blanchat Mfg. Inc.](#)
- [Boston Wheeler](#)
- [Braun](#)
- [Braun Northwest](#)
- [Dodgen Industries](#)
- [Emergency Vehicles Inc. \(EVI\)](#)
- [Ferrara](#)
- [Ford](#)
- [Frazer](#)
- [Frontline Communications](#)
- [General Truck Body](#)
- [KME](#)
- [Horton](#)
- [Life Line](#)
- [Marque](#)
- [Matthews Specialty Vehicles, Inc.](#)
- [McCoy Miller](#)
- [Neel Fire Protection](#)
- [Osage](#)
- [Oshkosh](#)
- [PL Custom Emergency Vehicles](#)
- [Quality Vans & Specialty Vehicles](#)
- [Road Rescue](#)
- [Supreme Corporation](#)
- [Wheeled Coach](#)

American Emergency Vehicles

Contractors:

American Emergency Vehicles (Mfr)
Professional Ambulance (Texas Dir)

H-GAC PRODUCT CODE	BASE BID ITEM DESCRIPTION	BASE OFFERED PRICE (\$)
AMBULANCE		
AA01	A-MD-11, International Navistar, TraumaHawk 164"L x 95"W x 72"HR	\$ 174,397.00
AA02	A-MD-12, Freightliner M2, TraumaHawk 164"L x 95"W x 72"HR	\$ 174,286.00
AA03	A-T1-13, FORD F-350 4x2, Type I TraumaHawk 148"L x 95"W x 68"HR	\$ 109,678.00
AA04	A-T1-14, FORD F-450 4x2, Type I TraumaHawk 148"L x 95"W x 68"HR	\$ 120,843.00
AA05	A-T1-15, DODGE 4500 4x2, Type I TraumaHawk 148"L x 95"W x 68" HR	\$ 122,482.00
AA06	A-T2-16, FORD E350 VAN, Type II TraumaHawk, 2K	\$ 84,469.00
AA07	A-T3-18, FORD E350, Type III TraumaHawk DR-92, 145"L x 92"W x 68"HR	\$ 96,202.00
AA08	A-T3-19, FORD E350, Type III TraumaHawk 148"L x 95"W x 68"HR	\$ 107,182.00
AA09	A-T3-20, FORD E-450, Type III TraumaHawk 164"L x 95"W x 68"HR	\$ 110,232.00
AA10	A-T3-21, FORD E-450, Type III TraumaHawk Z5, 164"L x 95"W x 68"HR	\$ 108,180.00
AA11	A-T3-23, CHEVY/GMC 3500, Type III TraumaHawk DR92 145"L x 92"W x 66" HR	\$ 100,199.00
AA12	A-T3-24, CHEVY/GMC 3500, Type III TraumaHawk 148"L x 95"W x 68" HR	\$ 109,919.00
AA13	A-T2-26, DODGE Type II Sprinter Van	\$ 75,867.00
AA14	A-T2-27, FORD E-350, Type II TraumaHawk, 2K (Gasoline)	\$ 57,977.00
AA15	A-T3, 29, FORD E-450, Type III TraumaHawk (Gasoline) 164"L x 95"W x 68"HR	\$ 104,405.00

H-GAC CONTACTS

LaWanda James
(P): 713-993-4536
(F): 713-993-4548
lawanda.james@h-gac.com

VENDOR CONTACTS

American Emergency Vehicles
Vicki Stansbury
(P): 336-982-9824
(F): 336-982-9826
[Click here for Email](#)

Braun Northwest, Inc
Tami McCallum
(P): 360-748-0395
(F): 360-748-0266
[Click here for Email](#)

FESCO Emergency Sales
Peter Laake, Jr
(P): 410-379-5353
(F): 410-379-0261
[Click here for Email](#)

Firefox Rescue Equipment
Jody Staehr
(P): 402-362-3359
(F): 402-336-0839
[Click here for Email](#)

Firefox Rescue Equipment Inc.
Jody Staehr
(P): 402-362-3250
(F): 402-362-1957
[Click here for Email](#)

Frazer LTD
Laura Richardson
(P): 888-372-9371
(F): 713-995-0541
[Click here for Email](#)

Gulf Coast Emergency Vehicles
Scott Hornberger
(P): 713-580-8181
(F): 713-580-8136
[Click here for Email](#)

Knapp Chevrolet
Bob Flanders
(P): 713-331-3013
(F): 713-236-8650
[Click here for Email](#)

Life Line Emergency Vehicles
David B. Cole
(P): 800-922-7477
(F): 563-578-3305
[Click here for Email](#)

Neel Fire Protection Apparatus, Inc
Gene Lednicki
(P): 254-799-9176
(F): 254-799-9248
[Click here for Email](#)

Osage Industries, Inc. (mfg.)
John Kehoe
(P): 573-897-3634
(F): 573-897-3113

AA16	A-T3-30, FORD E-450, Type III TraumaHawk Z5 (Gasoline) 164"L x 95"W x 68"HR	\$ 102,353.00
AA17	A-T3-31, DODGE Type III Sprinter	\$ 103,094.00
AA18	A-T3-32 FORD E-350, Type III TraumaHawk DR92 (Gasoline) 145"L x 92"W x 66"HR	\$ 90,406.00
AA19	A-T3-33 GM4500, Type III TraumaHawk 164"L x 95"W x 68"HR	\$ 113,915.00
AA20	A-T3-34 FORD E350, Type III TraumaHawk (Gasoline) 148"L x 95"W x 68"HR	\$ 101,386.00
AA21	A-T1-35, FORD F350, Type I TraumaHawk DR92 141"L x 90"W x 66"HR	\$ 104,064.00

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Blanchat Mfg. Inc.

Contractor:

Blanchat Mfg., Inc. (Mfg.)

Chastang Ford (Texas Dealer)

Dallas Dodge Chrysler Jeep (Texas Dealer)

[Click here for Email](#)

**Phoenix Group
Emergency Vehicles**
Gary Goetsch
(P): 972-987-2071
(F): 972-937-5333
[Click here for Email](#)

**PI. Custom Body &
Equipment Co., Inc. (mfg.)**
Deborah L. Thomson
(P): 800-752-8786
(F): 732-223-8456
[Click here for Email](#)

Professional Ambulance
Natalie Carrol
(P): 325-356-2233
(F): 325-356-3360
[Click here for Email](#)

Spitler, Inc
Lance Spitler
(P): 570-368-1771
(F): 570-368-1855
[Click here for Email](#)

Wheeled Coach Industries
Gaspar Garcia
(P): 800-338-0630
(F): 817-473-0203
[Click here for Email](#)

H-GAC PRODUCT CODE	BASE BID ITEM DESCRIPTION	BASE OFFERED PRICE (\$)
SPECIAL SERVICE		
BC01	B-27-F550 Rescue First Response Reg Cab Ford F-550 Gas 4x4, 19,500 GVWR, 84" CA, Welded Steel Structure - Boxes 21" x 108" x 50" ea. side, 2 Upswing Doors / Side	\$ 60,371.00
BC02	B-27-F650 Rescue First Response Reg Cab Ford F-650 Cummins Diesel 4x2, 84" CA, Welded Steel Structure - Boxes 21" x 108" x 50" ea. side, 2 Upswing Doors / Side	\$ 94,820.00
BC03	B-27-D5500 Rescue First Response Reg Cab Dodge 5500 Diesel 4x4, 19,500 GVWR, 84" CA, Welded Steel Structure - Boxes 21" x 108" x 50" ea. side, 2 Upswing Doors / Side	\$ 76,627.00
BC05	B-24-F550 Rescue First Response Reg Cab Ford F-550 Gas 4x4, 17,500 GVWR, 60" CA, Welded Steel Structure - Boxes 13" x 85" x 50" ea. side, 2 Upswing Doors / Side	\$ 54,566.00
BC06	B-24-D5500 Rescue First Response Reg Cab Dodge 5500 Diesel 4x4, 17,500 GVWR, 60" CA, Welded Steel Structure - Boxes 13" x 85" x 50" ea. side, 2 Upswing Doors / Side	\$ 71,749.00
BC07	B-25-F550 Rescue First Response Reg Cab Ford F-550 Gas 4x4, 17,500 GVWR, 60" CA, Welded Steel Structure - Translength/Transverse Boxes 96" x 108" x 50", 2 Upswing Doors / Side, 1 Upswing Door at Rear	\$ 66,855.00
BC08	B-25-D5500 Rescue First Response Reg Cab Dodge 5500 Diesel 4x4, 17,500 GVWR, 60" CA, Welded Steel Structure - Translength/Transverse Boxes 96" x 108" x 50", 2 Upswing Doors / Side, 1 Upswing Door at Rear	\$ 84,038.00

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Boston Whaler

Contractors:

Gulf Coast Emergency Vehicles (Texas Dealer)

H-GAC PRODUCT CODE	BASE BID ITEM DESCRIPTION	BASE OFFERED PRICE (\$)
SPECIAL SERVICE		
CC01	Boston Whaler, 19' Guardian Rescue Boat	\$ 83,513.00
CC02	Boston Whaler, 22' Guardian Rescue Boat	\$ 96,372.00
CC03	Boston Whaler, 25' Guardian Rescue Boat	\$ 121,818.00
CC04	Boston Whaler, 27' Challenger Rescue Boat	\$ 214,615.00
CC05	Boston Whaler, 27' Guardian Rescue Boat	\$ 183,503.00
CC06	Boston Whaler, 27' Vigilant Rescue Boat	\$ 204,174.00

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Braun

Contractors:

Braun Industries, Inc. (Mfg.)

Lone Star Emergency Vehicles (Texas Dealer)

LTG Fire & Emergency (New Mexico Dealer)

H-GAC PRODUCT CODE	BASE BID ITEM DESCRIPTION	BASE OFFERED PRICE (\$)
AMBULANCE		
DA01	Express - Type I - Ford F-350 - 6.0 L Engine - 13,000# GVWR - 165" Wheelbase - 68" Headroom - 144"L Full Seam Welded Module - Sliding Side Door	\$ 110,524.00
DA02	Express-Type III-Ford E-350 - 6.8L V10 Gasoline Engine - 11,500# GVWR - 138" Wheelbase - 68" Headroom - 144"L Full Seam Welded Module - Sliding Side Door	\$ 88,669.00
DA03	Express-Type III - Chev G-3500 - 6.0 L Engine - 12,300# GVWR - 139" Wheelbase -	\$

	68" Headroom - 144"L Full Seam Welded Module - Sliding Side Door	96,879.00
DA04	Express - Type I - Dodge D-3500 - 6.7 L Engine - 12,500# GVWR - 167" Wheelbase - 68" Headroom - 144"L Full Seam Welded Module - Sliding Side Door	\$ 110,686.00
DA05	Liberty - Type III - Chevy G-4500 - 6.6 L Engine - 14,200# GVWR 159" Wheelbase - 72" Headroom - 156" Full Seam Welded Module - Sliding Side Door	\$ 124,081.00
DA06	Liberty - Type III - Ford E-450 - 6.0 L Engine - 14,500# GVWR 158" Wheelbase - 72" Headroom - 156" Full Seam Welded Module - Sliding Side Door	\$ 123,548.00
DA07	Liberty - Type I - Dodge D-4500 - 6.7 L Engine - 12,500#GVWR 168" Wheelbase - 72" Headroom - 156" Full Seam Welded Module - Sliding Side Door	\$ 138,760.00
DA08	Liberty - Type I - Ford F-450 - 6.4 L Engine - 16,500#GVWR 165" Wheelbase - 72" Headroom - 156" Full Seam Welded Module - Sliding Side Door	\$ 138,134.00
DA09	Chief XL - Type III - Chev G-4500 6.0L Engine - 12,300# GVWR 189" Wheelbase - 72" Headroom - 169" L Full Seam Welded Module - Sliding Side Door	\$ 138,595.00
DA10	Chief XL Prestige - Type III - Ford E-450 - 6.0L Engine - 14,050# GVWR - 158" Wheelbase - 72" Headroom - 169"L Full Seam Welded Module - Sliding Side Door	\$ 138,948.00
DA11	Chief XL Prestige - Type I - Ford F450 - 6.0L Engine - 16,000# GVWR - 189" Wheelbase - 72" Headroom - 166"L Full Seam Welded Module - Sliding Side Door	\$ 153,640.00
DA12	Chief XL - Type I Dodge D-4500 - 6.7 L Engine - 12,500#GVWR 168" Wheelbase - 72" Headroom - 166" Full Seam Welded Module - Sliding Side Door	\$ 154,263.00
DA13	Super Chief - Type I Medium Duty - International LP4300- DT466 - 220 Hp Engine - 20,000# GVWR - 73" Headroom - 175" Wheelbase - 170" Full Seam Welded Module	\$ 187,053.00
DA14	Super Chief - Type I Medium Duty - Spartan Furion - 285 Hp Engine - 30,600# GVWR - 73" Headroom - 162" Wheelbase - 170" Full Seam Welded Module	\$ 251,680.00
DA15	Super Chief - Type I Medium Duty - Freightliner M2 - CUM ISB 6.7 - 20,000#GVWR - 73" Headroom - 174" Wheelbase - 170" Full Seam Welded Module	\$ 178,607.00
DA16	Patriot - Type I Medium Duty - Spartan Furion - 285 Hp Engine - 30,600# GVWR - 73.5" Headroom - 185" Wheelbase - 49"7170" Full Seam Welded Module	\$ 336,241.00

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Braun Northwest

Contractors:

Braun Northwest, Inc. (Mfg.)

H-GAC PRODUCT CODE	BASE BID ITEM DESCRIPTION	BASE OFFERED PRICE (\$)
AMBULANCE		
EA01	North Star - Type 1 - Ford F350 4x4 - Diesel Engine - 147"L x 94"W x 72" HR	\$ 119,156.00
EA02	North Star - Type 1 - Dodge 3500 4x4 - Diesel Engine - 147"L x 94"W x 72" HR	\$ 126,210.00
EA03	North Star - Type 1 - Chevrolet K3500 4x4 - Diesel Engine - 147"L x 94"W x 72" HR	\$ 120,380.00
EA04	North Star - Type 1 - Ford F450 4x4 - Diesel Engine - 147"L x 94"W x 72" HR	\$ 128,669.00
EA05	North Star - Type 1 - Ford F450 4x4 - Diesel Engine - 167"L x 94"W x 72" HR	\$ 131,261.00
EA06	North Star - Type 1 - Dodge 4500 4x4 - Diesel Engine - 167"L x 94"W x 72" HR	\$ 136,943.00
EA07	North Star - Type 1 - Medium Duty - Ford F650 4x2 - Diesel Engine - 167"L x 96"W x 72" HR	\$ 151,502.00
EA08	North Star - Type 1 Medium Duty - International - Diesel Engine - 167"L x 96"W x 72" HR	\$ 168,071.00
EA09	North Star - Type 1 Medium Duty - Freightliner - Diesel Engine - 167"L x 96"W x 72" HR	\$ 175,786.00
EA10	North Star - Type 2 - MB Sprinter Van	\$ 92,545.00
EA11	North Star - Type 3 - Ford E350 - Gas Engine - 147"L x 94"W x 72" HR	\$ 107,987.00
EA12	North Star - Type 3 - GMC/Chevrolet G3500 - Diesel Engine - 147"L x 94"W x 72" HR	\$ 118,377.00
EA13	North Star - Type 3 - Ford E450 - Gas Engine - 167"L x 94"W x 72" HR	\$ 112,589.00
EA14	North Star - Type 3 - GMC/Chevrolet G4500 - Diesel Engine - 167"L x 94"W x 72" HR	\$ 123,317.00
EMS/RESCUE		
EB01	North Star - Fire Rescue - Ford F550 4x4 Crew Cab - Diesel Engine - 116"L x 94"W	\$ 119,384.00
EB02	North Star - Fire Rescue - Ford F550 4x4 Regular Cab - Diesel Engine - 116"L x 94"W	\$ 115,632.00
EB03	North Star - Fire Rescue - Dodge 5500 4x4 Crew Cab - Diesel Engine - 116"L x 94"W	\$ 123,235.00
EB04	North Star - Fire Rescue - Dodge 5500 4x4 Regular Cab - Diesel Engine - 116"L x 94"W	\$ 119,435.00
EB05	North Star - Fire Rescue - Ford F550 4x4 Crew Cab - Diesel Engine - 147"L x 94"W	\$ 120,724.00
EB06	North Star - Fire Rescue - Ford F550 4x4 Regular Cab - Diesel Engine - 147"L x 94"W	\$ 116,999.00

EB07	North Star - Fire Rescue - Dodge 5500 4x4 Crew Cab - Diesel Engine - 147"L x 94"W	\$ 124,550.00
EB08	North Star - Fire Rescue - Dodge 5500 4x4 Regular Cab - Diesel Engine - 147"L x 94"W	\$ 120,783.00
EB09	North Star - Fire Rescue - Ford F550 4x4 Regular Cab - Diesel Engine - 167"L x 94"W	\$ 118,803.00
EB10	North Star - Fire Rescue - Dodge 5500 4x4 Regular Cab - Diesel Engine - 167"L x 94"W	\$ 122,585.00
EB11	North Star - Fire Rescue - Ford F560 4x4 Regular Cab - Diesel Engine - 192"L x 94"W	\$ 123,888.00
EB12	North Star - Fire Rescue - Dodge 5500 4x4 Regular Cab - Diesel Engine - 192"L x 94"W	\$ 127,460.00
SPECIAL SERVICE		
EC01	North Star - Prisoner Transport - Ford E350 - Gas Engine - 138"L x 94"W x 57.875"HR	\$ 75,369.00
EC02	North Star - Prisoner Transport - Ford F350 4x4 - Diesel Engine - 143"L x 94"W x 57.75"HR	\$ 92,055.00
EC03	North Star - Prisoner Transport - Ford F450 4x2 Regular Cab - Diesel Engine - 191"L x 94"W x 72.875"HR	\$ 120,010.00
EC04	North Star - Prisoner Transport - Ford F550 4x2 - Regular Cab - Diesel Engine - 197"L x 94"W x 73" HR	\$ 118,346.00
EC05	North Star - Prisoner Transport - Freightliner 4x2 - Regular Cab - Diesel Engine - 197"L x 94" W x 73"HR	\$ 163,965.00
EC06	North Star - Prisoner Transport - Ford F650 4x2 - Super Cab - Diesel Engine - 197"L x 94" W x 73"HR	\$ 156,828.00
EC07	North Star - Prisoner Transport - Dodge 4500 4x2 Regular Cab - 197" L x 94" W x 72 "HR	\$ 120,793.00
EC08	North Star - EOD Command - Ford F550 4x4 - Regular Cab - Diesel Engine - 191"L x 94" W x 80" HR	\$ 166,514.00
EC09	North Star - EOD Command - International 4400 4x2 - Diesel Engine - 222"L x 100"W x 84"HR	\$ 249,599.00
EC10	North Star - SWAT Command - Ford F550 4x4 - Regular Cab - Diesel Engine - 192"L x 94" W x 78" HR	\$ 139,373.00
EC11	North Star - Hazardous Materials Command - Ford F550 4x4 - Regular Cab - Diesel Engine - 187"L x 94" W x 72" HR	\$ 169,371.00
EC12	North Star - Crime Scene Command - Ford F350 4x4 - Diesel Engine - 147"L x 94"W x 72"HR	\$ 135,205.00
EC13	North Star - Mobile Command - Ford F650 4x2 - Diesel Engine - 196"L x 94"W x 76"HR	\$ 176,788.00
EC14	North Star - Wildland Crew Body - 198"L x 98"W x 78" HR	\$ 95,806.00

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Dodgen Industries

Contractors:

Dodgen Industries, Inc. (Mfg.)

Chastang Ford (Texas Dealer)

H-GAC PRODUCT CODE	BASE BID ITEM DESCRIPTION	BASE OFFERED PRICE (\$)
SPECIAL SERVICE		
GC01	22' Mobile Command Center, A Hand Molded and Gelcoated Fiberglass Self-Contained Unit on a Ford E-350 Cutaway Chassis	\$ 99,985.00
GC02	24' Mobile Command Center, A Hand Molded and Gelcoated Fiberglass Self-Contained Unit	\$ 119,850.00
GC03	27' Mobile Command Center, A Hand Molded and Gelcoated Fiberglass Self-Contained Unit on a Ford E-450 Cutaway Chassis	\$ 109,775.00
GC04	27' SWAT Unit, A Hand Molded and Gelcoated Fiberglass Self-Contained Unit on a Ford E-450 Cutaway Chassis	\$ 95,985.00

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Emergency Vehicles Inc. (EVI)

Contractors:

Emergency Vehicles, Inc. (Mfg.)

Gulf Coast Emergency Vehicles (Texas Dealer)

Chastang Ford (Texas Dealer)

H-GAC PRODUCT CODE	BASE BID ITEM DESCRIPTION	BASE OFFERED PRICE (\$)
SPECIAL SERVICE		
HC01	Ford 450, 2-Door, (4 x 2) Single Axle, 10' Non-Walk-In Aluminum Rescue Body	\$ 112,112.00

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**City of Las Cruces**

TO: Robert Telles, Purchasing Manager

FROM: Donald L. Haskins, Fleet Services Administrator *dlh*

DATE: January 26, 2012

SUBJECT: Acceptance for Recommended Purchase

A request had been made in the 2011-2012 Vehicle Budget by the Police Department to purchase a prisoner transport van for the Prisoner Transport Unit. After reviewing similar products from various manufacturers; it was determined that the best unit in terms of initial cost, maintenance cost and fuel mileage was the 2012 Ford E-350 chassis with a mounted 143" module, Type 5, from the Houston Galveston Area Council (HGAC), product code EC01.

The total cost of the truck and body is \$81,574.00 and includes delivery from the vendor in Chehalis, Washington.

Should you have any questions, please contact me at 541-2596.

COMPARATIVE COST INFORMATION - PRISONER VAN

MODEL YEAR*	MAKE and MODEL	SALE PRICE OF E-350	ESTIMATED TOTAL COST	SOURCE	NOTES
1	Ford E-350 12-passenger prisoner van (single rear wheels)	31,100	81,100	SUPREME CORPORATION Goshen, Indiana	Two (2) prisoners less, only two (2) prisoner compartments (no compartment for high-risk prisoner or a guard. Only single rear wheels as compared to Braun Northwest dual rear wheels, which provide better stabilization.
2	Ford E-350 14-passenger prisoner van (single rear wheels)	32,222	86,111	MAVRON, Warsaw, Indiana	Only single rear wheels as compared to Braun Northwest dual rear wheels, which provide better stabilization. Truck unit is \$7,000 more than Braun Northwest
2	Ford E-350 14-passenger prisoner van (single rear wheels)	31,722	86,515	SIRCHIE LAB, Medford, New Jersey	Only single rear wheels as compared to Braun Northwest dual rear wheels, which provide better stabilization. Truck unit is \$6,500 more than Braun Northwest
3	Ford E-350 14-passenger prisoner van (single rear wheels)	30,722	88,325	MOBILITY WORKS, Akron, Ohio	Only single rear wheels as compared to Braun Northwest dual rear wheels, which provide better stabilization. Truck unit is \$5,500 more than Braun Northwest

* Due to the competitive nature of vendors in the new body market, it is extremely difficult to obtain quotes on their products. Therefore, a comparison is being made of the same van with similar body units. Original costs show that we are receiving a fair and equitable cost for the unit being purchased.

Braun Northwest, Inc.
DETAILED SPECIFICATIONS
FOR
E-350
143" MODULE, TYPE 5
VEHICLE EC01

1 CHASSIS

1.01 OEM CHASSIS

- 2011 Ford E-350, meeting all the specifications of Section 1.01.
 - 3 year/36,000 mile "Bumper to Bumper" warranty
 - Ambulance Prep. Package
 - Dual Rear Wheels
 - Provided by Braun Northwest, Inc.

1.01.01 SPECIFIC RATINGS

- Drive – 4 x 2
- G.V.W.R. – 11,500 lbs.
- Wheelbase – 138"
- Cab to Axle – 80"
- Curb Weight – 9,100 lbs. Approximate
- Payload – 3,200 lbs. Approximate
- Front Spring Capacity – 5,000 lbs.
- Rear Spring Capacity – 7,810 lbs.
- Front Axle – 5,000 lbs.
- Rear Axle – 7,800 lbs.
- Rear Differential – 4.10 ratio, limited slip wide track rear axle

1.01.02 POWER TRAIN

- Engine
 - 6.8L EFI Triton V-10 Gas Engine
 - Engine block heater
- Engine Cooling System
 - Heavy duty, closed-air, free-liquid state type
 - Coolant recovery system
 - 50/50 solution Permanent type antifreeze to –40 degrees F
- Transmission
 - Heavy duty automatic, five (5) speeds forward, one (1) reverse
 - External oil cooler in chassis grille area
- Exhaust System
 - System complies with Federal Motor Carrier Safety Regulations, Part 393.83
 - Suspended using three (3) hangers, excluding manifold attachment
 - Discharge at right rear side of module
 - Tailpipe shall not terminate within twelve (12) inches of the vertical axis of the fuel tank filler opening.

1.01.03**STEERING**

- Power assisted
- Tilt steering wheel
- Shock type steering stabilizer

1.01.04**SHOCK ABSORBERS/STABILIZER BARS**

- Heavy-duty shock absorbers front and rear
- OEM 1.00" front stabilizer bar

1.01.05**BRAKES**

- Heavy duty power assisted; Front and rear disc
- Front 13.58" diameter; Rear 13.58" diameter
- Four Wheel ABS

1.01.06**TIRES AND WHEELS**

- OEM LT 225-75Rx-16E all-season steel belted radials on 16" wheels
- Seven (7) tires and wheels
- Steel Valve Stems
- Spare tire and wheel (Section 2.08 related)
- Wheels painted White

1.01.07**ELECTRICAL**

- Alternator – OEM Heavy Duty 225-Amp
- Batteries – OEM Dual Heavy Duty
- Auto Throttle – OEM installed

1.01.08**INSTRUMENT PANEL AND CONTROLS**

- Gauges
 - Trip odometer
 - Fuel
 - Coolant temperature
 - Oil pressure
 - Tachometer
- Controls – Cruise
- Audio – OEM AM/FM/CD

1.01.09**CAB EXTERIOR**

- Horn – OEM dual electric
- Chrome Bumper and Grille
- Aerodynamic Halogen Headlamps
- Windows – Tinted safety glass
- Windshield wipers
 - Two- speed electric
 - Washer and intermittent speed control
- Mirrors
 - Interior Day/Night rear view mirror
 - Two (2) black, below eye level, manually telescoping trailer tow
 - Power glass
 - Lower portion convex
- Fuel – OEM 40 gallon tank

1.01.10**CAB INTERIOR**

- Seats – OEM
 - Cloth covered high back Captain's Chairs
 - Combination lap and shoulder harness
 - Retractable arms on inside, side door armrest
- Climate Control – OEM
 - Heavy duty, fresh air, high capacity heater/defroster
 - Dehumidifying air conditioning system
- Interior Upgrade Package (18C)
 - Cloth Headliner
 - High-Series Door Trim Panels
 - Cloth Sun Visors
 - Vinyl Flooring
 - Power Door Locks & Windows
- Lights and Convenience Group
 - Courtesy light switches on all doors
 - Warning chimes
 - Headlight-on audible alert
 - Illuminated entry
- Ambulance Prep. Package
 - Dual air bags
- 12 Volt Power Point

1.01.11**COLORS**

- Exterior – Oxford White (YZ)
- Interior – Gray

1.02 CHASSIS MODIFICATIONS

The following modifications will be made to the chassis by Braun Northwest.

1.02.04 EXHAUST HEAT SHIELDS

Shall be formed from 20 ga. galvanized steel sheets with stamped reinforcements and formed edges. Access openings shall be provided for shock absorber, mounting bolts, etc. Heat shields shall be bolted to chassis frame and extend from back of cab to the frame cross member just behind the rear axle.

1.02.09A MUD FLAPS

Mud flaps with the "North Star" logo on them shall be installed behind each rear wheel.

1.03 MODULE-TO-CHASSIS MOUNTING SYSTEM**1.03.01 MODULE MOUNTING SYSTEM**

Hard rubber isolation pads shall be installed between the chassis and module at each mounting location. The rearmost laterals shall be fastened to the top flange of the chassis frame extension with 3/4" grade 8 bolts. At all other mounting locations 3/4" grade 8 eyebolts shall be fastened to the chassis frame web with 3/4" grade 8 bolts. All bolts shall be secured with locking nuts.

1.03.02 CAB-TO-MODULE ATTACHMENT

The module shall be attached to the cab by (20) 5/16" Grade 5 plated steel bolts with nylock nuts. Access plates shall be provided in the bulkhead wall for the servicing of cab to module bolts or for remounting of the body.

1.03.03 CAB-TO-MODULE GASKET

Between the cab and module, a closed-cell neoprene weatherproof gasket shall be installed to minimize electrolytic corrosion.

2 **MODULAR CONSTRUCTION**

All material utilized shall be of the correct type, alloy, and thickness to withstand the intended usage and provide protection against cracking, corrosion, or metal fatigue. All materials utilized shall be of open stock origin, commonly available through local sources, for rapid and economical repair or modification of the body. Any use of proprietary parts or materials in the construction of the body is unacceptable, due to potential delays or difficulties in future repairs or service. **NO EXCEPTIONS TO BE TAKEN IN THIS AREA.** This specification has been designed and written to fill specific needs of this agency. Where brand name, make, or model of equipment has been specified, no exceptions will be allowed. Where compartment and cabinet sizes have been specified, bidder must bid substantially (plus or minus 1") the size specified. The module shall have a transferable lifetime structural warranty.

2.01

MATERIAL

EXTRUSIONS	SIZE	ALLOY
Structural Tubing	1" x 2" x 0.125" sq.	6063-T52
Structural Tubing	2" x 2" x 0.125" sq.	6063-T52
Cross Members	3" x 3" x 0.375"	6061-T6
Cross Members	1.5" x 3" x 0.25	6061-T6

FORMED SHEETING	SIZE	ALLOY
Skin/Roof/Compartments/Subfloors/Doors	0.125"	5052-H32
Interior Cabinets/Ceiling	0.090"	5052-H32
Diamond Plate	0.125"/0.08"	3003-H32
Stainless Steel	16 ga., 20 ga.	304 # 4B

2.02X

MODULE DIMENSIONS

Overall Vehicle Dimensions:

Length:	21' 0"	(252")
Width:	7' 10"	(94") (Excluding Mirrors)
Height:	7' 8.125"	(92.125")

Exterior Module Dimensions:

Length:	11' 6"	(143")
Width:	7' 10"	(94")
Height:	6' 1.375"	(73.375")

Interior Dimensions:

Length:	Forward Wall to Rear Doors	135"
Width:	Left Wall to Right Wall	89"
Height:	Floor to Ceiling	57.75"

2.03**STRUCTURAL FRAMING**

Side wall and rear wall construction shall consist of 2" x 2" x 0.125" aluminum square tubing extensions welded together with a maximum of 14" centers. 1" x 2" x 0.125" aluminum tubing may be utilized in addition to 2" x 2" tubing to accommodate custom compartment sizes. The bottom of the wall structure shall be sealed with welded 2" x 2" tube, 2" x 2" angle, or 0.125" plate depending upon location. Wall structure shall be capped with 2" x 2" x 0.125" header upon which 2" x 2" x 0.125" roof structure is welded. This process provides a unitized roll cage structure for greater occupant safety. The front wall structure shall be constructed of a minimum of 1.250" x 3.875" x 0.125" formed aluminum channel to allow ample space for wiring raceways, heater A/C hoses, and cold air return duct.

2.04**FOUNDATION SYSTEM**

Shall consist of a 0.125" aluminum sheet subfloor with foundation members securely welded under the subfloor. Members shall consist of six (6) 3" x 3" x 0.375" structural angles, with two (2) 0.250" x 1.5" aluminum members running lengthwise between the structural angles.

2.05**MODULE SEAMS**

All body and compartment seams at or below floor level shall be full seam welded. The entire perimeter of the subfloor shall be completely sealed with a caulking material, creating a watertight, dust-free module environment.

2.06**EXTERIOR SKIN**

In addition to welding the exterior skin to structural framing, a Norton very high bond system shall be utilized full length on all wall and roof frame members. A polyurethane adhesive sealant shall be applied to the edges of structural tubing at the exterior wall surfaces.

2.07**MODULE ROOF**

In order to improve module strength and reduce roof seams the following roof system shall be utilized. The roof shall be seamed in the center, have a 1.50" radius at the corners, and provide a weatherproof overlap of the aluminum side sheets 5.25" below the roofline. The roof shall be supported by positive contact between sidewall framing and roof framing. All seams on the roof surface shall be full seam welded on the outside and caulked on the inside. In order to avoid the possibility of paint and/or weld cracking, no extrusions shall be used in the exterior construction of the roof or corners of the vehicle.

2.08X**MODULE EXTERIOR COMPARTMENTS**

All compartments are constructed from formed 0.125" aluminum and are securely welded to the subfloor and structural framing. A baffled drain hole shall be provided in all exterior compartment bottoms that extend below the floor line.

COMPARTMENT #1**Interior Dimensions** – 16.5"W x 56"H x 89"D; 19" Floor Level**Doorway Dimensions** – 16.5"W x 56"H**Location** – Streetside, forward**Shelving** – Two (2) adjustable**Door(s)** – Single**Light(s)** – None**Additional Instructions** – The electric panel shall be installed in the ceiling, with a hinge down door and a quarter turn latch, recessed so as not to protrude into the compartment. Install one (1) adjustable shelf at floor level. This compartment shall be transverse with compartment #4, and provide access to storage area under interior benches. Wheelchair ramps shall be stored in this compartment.**COMPARTMENT #2****Interior Dimensions** – 25"W x 27"H x 19"D**Doorway Dimensions** – 25"W x 27"H**Location** – Streetside, rear**Shelving** – None**Door(s)** – Single**Light(s)** – None**Additional Instructions** – Shall have a spring hanger close out located in forward rear corner of the compartment that allows for leaf spring travel.**COMPARTMENT #3****Interior Dimensions** – 32.125"W x 27"H x 19"D**Doorway Dimensions** – 35.125"W x 27"H**Location** – Curbside, rear**Shelving** – None**Door(s)** – Single**Light(s)** – None**Additional Instructions** – The bottom of the compartment shall be recessed to accommodate a tire. A tire mount shall be mounted on the back wall of the aft section. The spare tire shall be mounted in the compartment.**COMPARTMENT #4****Interior Dimensions** – 16.5"W x 27"H x 89"D**Doorway Dimensions** – 16.5"W x 27"H**Location** – Curbside, forward**Shelving** – None**Door(s)** – Single**Light(s)** – None**Additional Instructions** – This compartment shall be transverse with compartment #1, and provide access to storage area under interior benches.**2.09****DOORS**

The doors shall be box pan formed with a total thickness of 2".

2.09.01**DOOR SEAL**

Each doorframe will have a 0.875" flange for the installation of an air cell hollow core, 360-degree compression door seal. This seal creates water-tight, dust-free compartment integrity. Door seal shall be knock-on type.

- 2.09.02 DOOR HINGES**
 Shall be full length, piano type, stainless steel hinges, 2.5" wide with a 0.25" pin. The hinges shall be attached with 12 x 3/4 stainless steel truss head screws spread 4" apart and staggered 0.5" horizontally for additional strength and adjustability. Hinges shall be staked every 4". All curbside and streetside doors shall be hinged on the forward sides. All rear doors shall be hinged on the outboard sides.
- 2.09.03X DOOR LATCHES**
 Shall be flush mounted, stainless steel, Versch paddle type slam latches with rotary latch striker posts, which meet FMVSS 206 requirements. Striker shall be adjustable and shall be secured with a nut from behind door frame. The striker washer will not be removed. Cold rolled, threaded 0.162" steel rods shall be used to activate dual rotary latches. Once final adjustments to latches are made, threads are to have Loctite or equivalent applied. All double door compartments shall have an exterior stainless steel paddle handle and rotary latches on each door. Doors will latch to door frame mounted striker posts only and not to one another. All latches will have a non-slip surface on the underside of the latch. All compartment and module access doors shall be keyed to a prisoner transport standard (J236).
- 2.09.04 COMPARTMENT DOOR CONTROL**
 A heavy-duty, double spring door control capable of holding the door open at approximately a 90-degree angle on any road surface shall be installed at the top of each compartment door.
- 2.09.05X STREETSIDE/CURBSIDE DOOR CONTROL**
 Shall be Cast Products "grabber" type hold-open devices with replaceable rubber catches.
- 2.09.06 REAR DOOR CONTROL**
 Shall be Cast Products "grabber" type hold-open devices with replaceable rubber catches.
- 2.09.07 COMPARTMENT DOOR SKINS**
 Shall be 0.080" bright aluminum diamond plate and be removable to service door hardware.
- 2.09.08 ENTRANCE DOORSKINS**
 Shall be 0.080" bright aluminum diamond plate and be removable to service door hardware.
- 2.09.09X ENTRANCE DOORWAYS**
 Three (3) module entrance doors shall be provided. The streetside and curbside doorway dimensions shall be 28"W x 58.75"H. The rear doorway dimensions shall be 36"W x 54.5"H.
- 2.09.10 THRESHOLDS**
 All compartment and module access doorframes shall have full width formed stainless steel threshold plates to protect the lower edge of frame.

2.10X**MODULE INTERIOR CELLS**

Shall be formed of 0.090" aluminum and shall be securely welded or mounted to the structural framing. One (1) interior 0.125" formed aluminum perforated partition shall be installed to provide divisions in the seating areas of the module. A 32"W locking 0.125" formed aluminum perforated door shall be installed between Cell #1, and the isolation cell.

Deadbolts shall be Schlage double cylinder, commercial grade, and keyed #56434.

CELL #1

Interior Dimensions – 70.125"D x 57.875"H x 89"W (Isolation cell 19.25"W)

Doorway Dimensions (exterior door) – 28"W x 58.75"H

Location – Front

Seating – Two (2) bench seats, facing each other, one (1) seat in isolation area.

Door(s) – Two (2); one (1) exterior with lock, one (1) interior with lock

Additional Instructions – Benches shall be full depth with seating for three (3) persons each.

CELL #2

Interior Dimensions – 63.5"D x 57.875"H x 89"W

Location – Rear

Seating – Two (2) bench seats, facing each other

Additional Instructions – Benches shall be full depth with seating for six (6) persons; three (3) each side. This cell shall be accessible from the rear door.

Wheel chair ramps shall be provided for this cell and stored in compartment #1. Lashing rings shall be installed in the forward wall to secure a wheelchair

2.11X**SIDE DOORSTEPS**

A recessed streetside, and curbside doorsteps shall be provided which is 11.5" deep x 28" wide. There shall be a drain hole and an open grate step plate which is removable for cleaning purposes. Polished aluminum diamond plate kick panel will be installed on the sides and face of doorstep.

3 COATINGS AND FINISHES**3.01 MODULE FINISH PREPARATION**

The module shall be seam sealed and all imperfections on aluminum surfaces of module shall be sanded smooth. The entire exterior shall be mechanically etched and washed with wax and grease remover to ensure proper primer and paint adhesion.

3.02 MODULE PRIMER

Module shall be primed with urethane primer prior to applying the finish coat of acrylic urethane paint.

3.03 PAINT TYPE

Shall be Sherwin Williams' acrylic urethane.

3.04 COLOR SCHEME

Base color: White (G8-33631 Alt 2)

3.06 COMPARTMENT FINISH

All compartments shall be gray textured polyurethane.

3.07 INTERIOR CELL FINISH

Ceiling, walls, and cell partitions shall be sanded, etched, washed, primed, and painted with gray textured polyurethane.

3.09 MODULE FLOORING MATERIAL

Shall be bright aluminum diamond plate.

3.10 COMPARTMENT LINING

Exterior compartment floors shall be lined with light gray Mate'flex material.

3.12 SURFACES AND FINISHES

All surfaces and finishes shall be impervious to soap, disinfectants, and water, to permit washing and sanitizing.

3.13 AUTOMOTIVE UNDERCOATING SEAL

The entire chassis and module underbody (excluding drive shafts, wheels, exhaust system, and lubrication fittings, per manufacturer's specifications) shall be sprayed with noise abatement material.

4 MODULE EXTERIOR

4.01 STEP/BUMPER

Shall be a welded construction of 3" x 3" x 0.375" aluminum angle and 2" x 0.250" plate and shall be covered by 0.125" bright aluminum diamond plate. The center section, below the doors, shall have plasma cut open flow design to prevent accumulation of water and snow and provide a 10" step. The outermost end shall be angled to prevent dragging of corners in high angle of approach/departure areas. Diamond plate shall be formed on front and rear edges for channel type strength and formed 0.090" aluminum close out shall be welded to the underside of the step/bumper. The bumper shall be bolted directly to the chassis frame using high strength Grade 5 bolts. Bumper shall be easily removable and replaceable in case of damage.

A hinged step with a pull pin latch shall be installed to fold up and over the bumper when not in use.

4.02 RUB RAILS

Shall be bright finished extruded aluminum of a double channel design and 0.125" wall thickness for maximum strength. Rub rails shall be 2.5" high x 0.75" wide and run along the lower edge of body, interrupted only by wheel well opening.

4.03 FENDER RINGS

Shall be installed on the module. They shall be bright polished aluminum with a rounded outer edge following the full contour of the wheel well opening.

4.04 DRIP RAIL

Shall be extruded, anodized aluminum running full length of module at top of sides, front, rear and over each exterior compartment. Drip rails shall be installed with bonding tape that will withstand exposure to the elements. They shall be installed to allow easy replacement without the use of mechanical type fasteners, and finished with 45 degree angled ends to avoid hooking materials which brush against the vehicle causing damage.

4.05 ROCK GUARDS

Made of bright aluminum diamond plate shall cover front module corners 24" up from bottom of the body, 2.5" down the side of body, and 15" across the front of the body.

4.06 REAR STEP GUARD

Made of bright aluminum diamond plate shall extend from top of rear step to the bottom of rear doors, full width formed around corners, and 2.5" forward on each side.

4.08 EXTERIOR WINDOWS

Shall have black anodized aluminum frames, rubber gaskets, and be attached with screws for ease of replacement. All module windows shall be dark tinted with fixed glass. The streetside, side door, and the rear door windows shall be 18.75" x 11.25".

Module windows shall have 16 gauge hex punched stainless steel covers riveted in place over the inside surface.

4.17X STEP, MANUAL

Two (2) steps shall be provided and mounted one (1) under the streetside door, and one (1) under the curbside door. They shall be Hickory single steps.

5 MODULE INTERIOR**5.01 UPPER WALL COVERING**

Shall be 0.090" aluminum finished with gray textured polyurethane.

5.02 HEADLINER

Shall be 0.090" aluminum finished with gray textured polyurethane.

5.16 INSULATION

The module sides, ends, roof, doors and floor shall be insulated to enhance the interior environment and to prevent heat, cold, and external noise from entering the module. The insulation shall be a non-settling polystyrene foam plank material of 2", 1.5", or 0.75" thickness depending upon location and available space.

In addition, a Norton VHB (very high bond) system shall be utilized on side walls and roof to provide a thermal and noise break between the outside skin and structural members.

5.17X MODULE CLIMATE CONTROL SYSTEM

Shall incorporate a combination heating/air conditioning unit with 43.6k BTU heating and 40,000 BTU cooling. The unit shall have a fan and have controls independent of the cab system. The module system shall be controlled by a digital thermostat installed in the cab. The thermostat shall display temperature inside the module. An auxiliary condenser shall be skirt mounted.

The heater/AC shall be located under the bench in the center of the module.

5.37 INTERIOR SEATING

Bench seats shall be formed from 0.125" aluminum.

5.50X EMERGENCY EXIT

One (1) 41.5"W x 19.1875"H exit shall be installed to provide emergency passage between Cell #1 and Cell #2. Exit shall be a hinged down door secured by a dead bolt keyed on both sides.

6 ELECTRICAL

All added body and chassis electrical equipment shall be served by circuits separate and distinct from the vehicle chassis circuits. All vehicle wiring shall be copper and conform to all SAE J1128 requirements. The wiring shall be colored, numbered, and function coded every 3" for permanent identification and correspond with the vehicle schematics. Solderless, insulated connectors shall be used. Wiring panduit shall be used in power component module to ensure air circulation throughout power component wiring. The wiring shall be routed in conduit or looms and wiring shall be secured to the underbody or frame with insulated metal cable straps. All power distribution cabling shall be covered with a protective split loom. Where wiring passes over the exhaust, a heat shield shall be installed. Wiring and electrical components shall not be placed under or behind the cab seats. The power component module shall be equipped with positive locking plugs to provide easy disconnect for remount or repair of body. All wiring devices, switches, outlets, etc., except circuit breakers, shall be rated to carry 125% of the maximum ampere load for which the circuit is protected.

6.01 OVERLOAD PROTECTION DEVICES

Body electrical wiring shall utilize overload protective devices of the automatic reset, circuit breaker type.

6.05 MODULE POWER

Shall be controlled by a console-mounted switch which activates one (1) 100 amp continuous duty solenoid located in the power component module.

6.07 BACK-UP ALARM

Shall be installed. The alarm shall have a sound output level of 97 dB.

6.08 SERVICE LOOP

A 6" service loop of wire or harness shall be provided at all electrical components, terminals, and connection points.

6.09 DRIVER'S CONSOLE

Made of formed aluminum and painted gray textured polyurethane, shall be installed. This panel shall include the following:

SWITCHES:

1. Flasher
2. Flood Lights
3. PA Interior/Exterior
4. Dome
5. Blank

OTHER:

Passage/Compartment/Warning light
Digital thermostat
Fader switch

6.10X SWITCHES

Shall be lighted rocker type and permanently marked by function.

6.11 MAP LIGHT

A map light with a 19" flexible neck shall be mounted in the cab area.

- 6.12 DOOR AJAR WARNING LIGHT**
A red flashing warning light on driver's console shall be provided to warn driver of open passenger access doors or open exterior compartment doors.
- 6.16X MODULE INTERIOR LIGHTING**
Shall be designed to keep vehicle height to a minimum without interfering with the structural integrity of the roof. Module interior lighting shall consist of two (2) single intensity recessed lights spaced evenly in the roof per drawing. The lights shall be activated by a switch in driver's console and by exterior cell doors. The lens of the lights shall be Lexan and shall be attached with screws and the light with stainless steel rivets.
- 6.17 BASIC EXTERIOR LIGHTING**
Shall include headlights, parking lights, directional signal lights, tail and stop lights, license plate light, back-up lights, side marker lights, hazard and warning lights, and clearance lights as required by FMVSS 108. Rear, stop and turn lights shall be Truck-Lite LED. Back-up lights shall be Truck-Lite sealed lights. Side marker lights shall be "Truck-Lite" LED Model 18.
Rear, stop and turn lights shall be installed vertically on the rear of the module.
- 6.19 ANTENNA MOUNTS AND CABLES**
Two (2) NMO universal antenna mounts with KHFUD cables and Larsen HyPer master universal connectors and mini-UHF adapters shall be installed on the module. Antenna base access shall be through the dome light openings, and the cables shall terminate in the cab.
- 6.22 BATTERY GROUNDS**
In addition to OEM grounds, the following ground circuits shall be added: 4 ga. ground cable from module power component panel to frame, two (2) braided ground straps from the module body to the chassis to reduce RF interference.
- 6.27 EXTERIOR DOOR SWITCHES**
Shall be 1/2" door and hatch switches. All door and hatch switch terminals shall have Heatshrink installed.
- 6.30X EMERGENCY WARNING SYSTEMS**
- 6.30.04 SCENELIGHTS**
Three (3) parabolic scenelights shall be installed – one (1) on the streetside, one (1) on the curbside and one (1) on the rear of the module. The scenelights shall be flush mounted and have internal optics to deflect the light down at 8-32 degree angles. The lights shall be Whelen Model #70K000ZR Opti-Scene lights. The streetside door shall activate the streetside scenelight, the curbside door shall activate the curbside scenelight, and the rear door shall activate the rear scenelight.
- 6.30.08 GRILLE LIGHTS**
Shall be two (2) Amber lens Amber Super LED flashers. The lights shall be Whelen TIR6 #50A03ZAR with 5TSMAC flange.

6.30.09**SIREN**

Shall be a Whelen 295SLSA1, 200 watt. Siren options to include radio, horn, manual, wail, yelp, and phaser.

6.30.10**SIREN SPEAKERS**

Pre-wire for one (1) 100-watt speaker driver behind the grille.

Shall be a Whelen SA315P "Behind the grille" with one (1) 100-watt speaker driver, and one (1) siren speaker shall be installed in the module for one-way intercom from cab.

6.50X**VISUAL EQUIPMENT**

Each interior camera shall be installed with a protective polycarbonate cover. A video monitor shall be installed in the cab for monitoring passenger compartments. Four (4) cameras shall be installed in the module, one (1) in the curbside closeout in each cell, and isolation cell.

A back up camera shall be installed on the curbside rear and tied to the video monitor.

7 SUPPORTING DOCUMENTATION

7.01

OWNERS MANUAL

Shall be provided with vehicle and consists of the following items:

1. Chassis owner information packet.
2. Extra set of keys.
3. Lifetime module warranty.
4. Factory warranty on Chassis.
5. 7 Year/75,000 miles limited electrical warranty.
6. 2 Year/30,000 mile Conversion Warranty.
7. 5 Year Paint Warranty.
8. Module remount engineering checklist.
9. Climate control information and warranty.
10. Main schematic.
11. Electrical equipment amperage ratings.
12. Wire coding list.
13. Schematics for standard system: (As Built)
 - Driver switch console
 - Climate control system
 - Module harness routing
 - Interior and exterior lights
14. Operations manual
15. Schematics for individual options.

8

MISCELLANEOUS MEDICAL/RESCUE EQUIPMENT

8.01

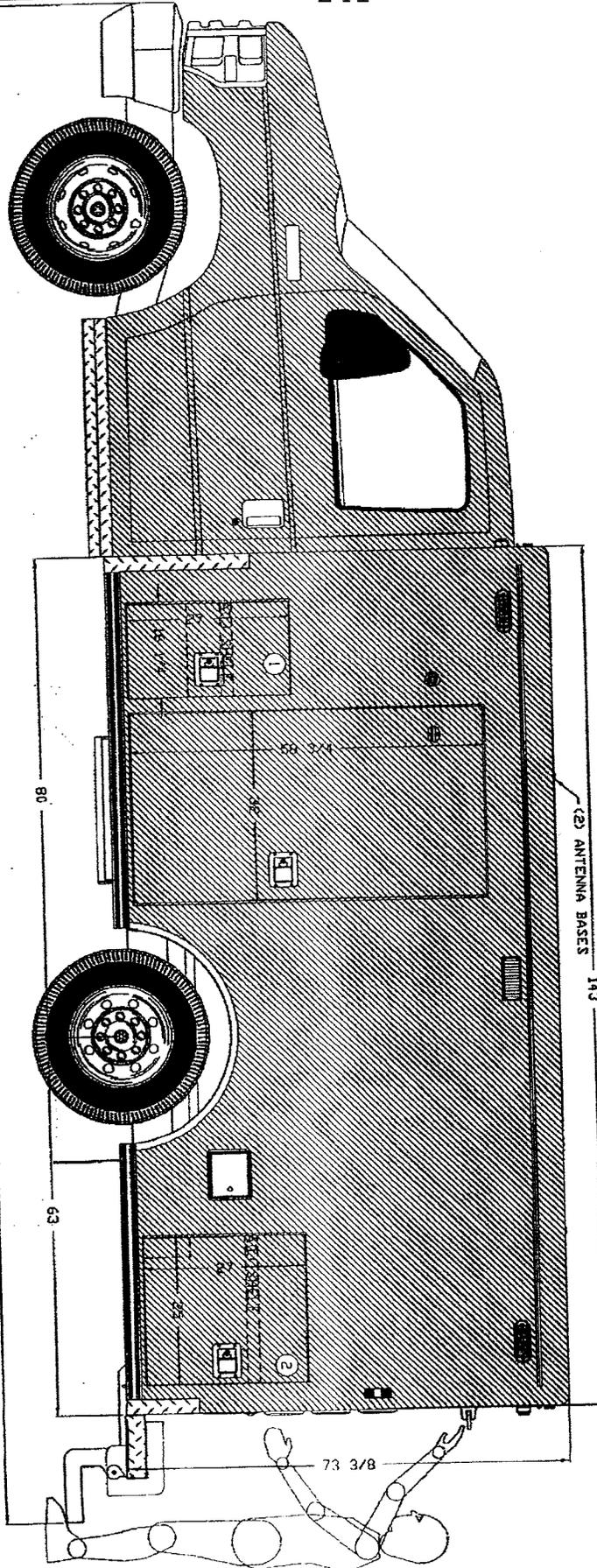
LOOSE EQUIPMENT

The following equipment shall be shipped loose with the vehicle:

1. Touch up paint.
2. Wheel Chair Ramps

* * * * *

241



251 3/4 DIAL

(2) ANTENNA BASES 143

73 3/8

TITLE: EXTERIOR S/S VIEW

Braun Northwest, Inc.

Department SALES

Dwg. No. LAS CRUCES

Client LAS CRUCES POLICE DEPT.

Date ARA 11/21/2011

NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL

SALES

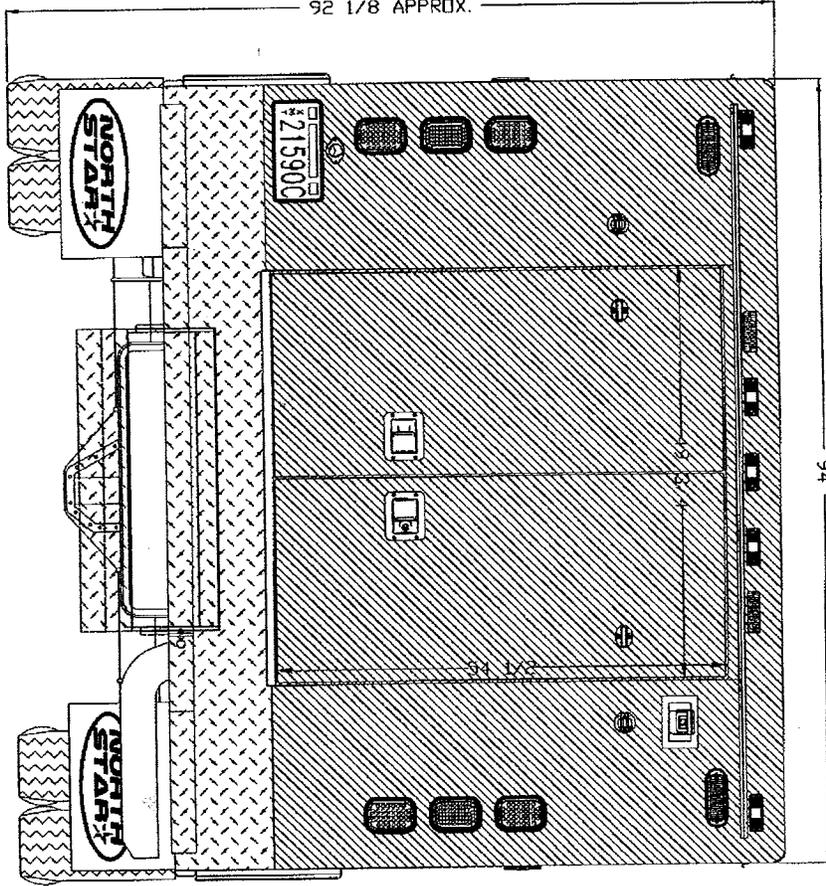
LAS CRUCES

LAS CRUCES POLICE DEPT.

Rev

Drawing By ARA

92 1/8 APPROX.

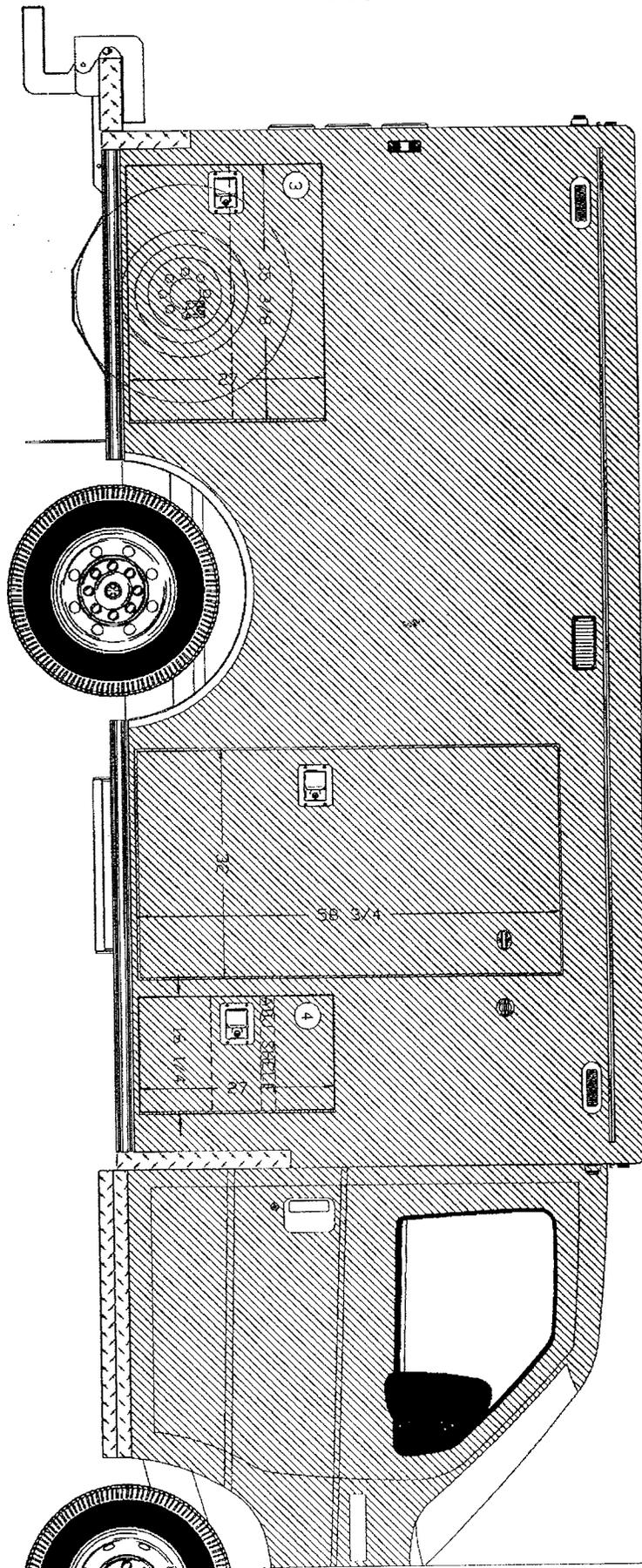


TITLE: EXTERIOR REAR VIEW

Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	LAS_CRUCESS2	
Client	LAS CRUCES POLICE DEPT.	
Date	11/21/2011	Drawing By A.R.A.

NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL

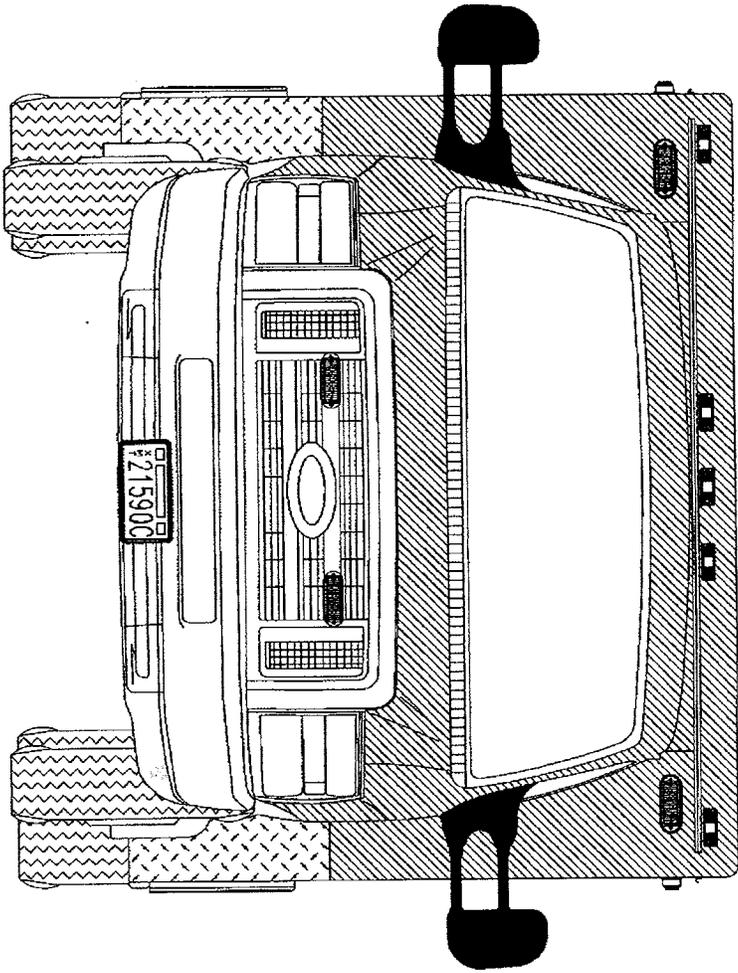


TITLE: EXTERIOR C/S VIEW

Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	LAS CRUCES3	
Client	LAS CRUCES POLICE DEPT.	
Date	11/21/2011	Drawing By
		ARA

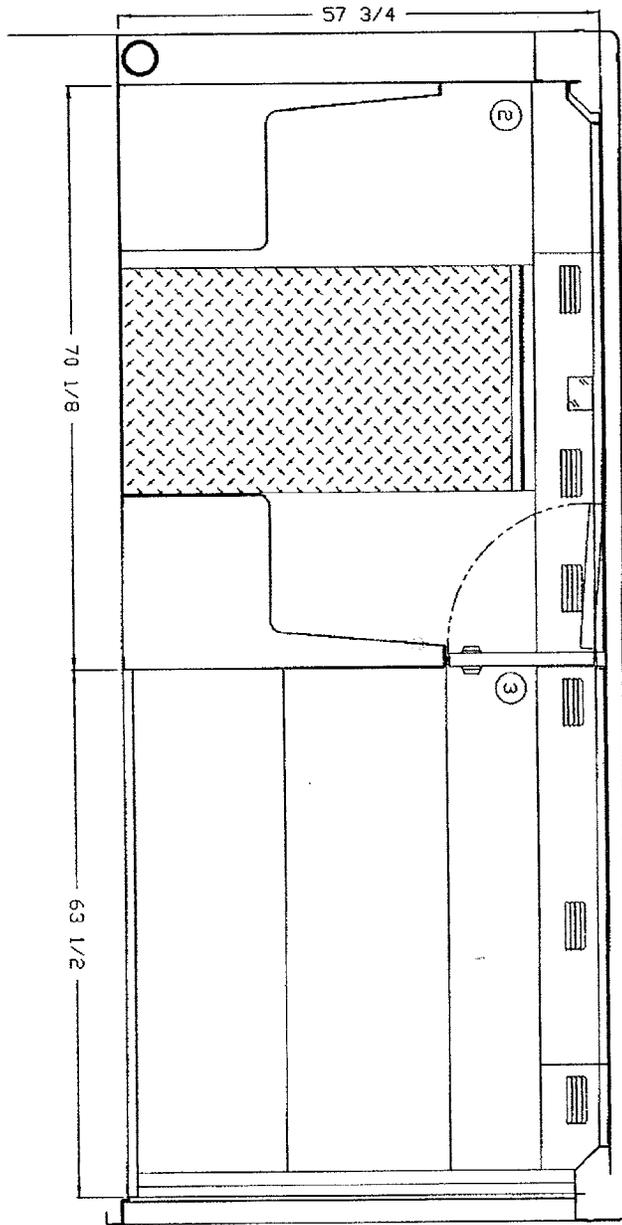
NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL



TITLE: EXTERIOR FRONT VIEW

Braun Northwest, Inc.			
Department	SALES	Rev	
Dwg. Name	LAS_CRUCES4		
Client	LAS CRUCES POLICE DEPT.		
Date	11/21/2011	Drawing By	A.R.A.

NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL



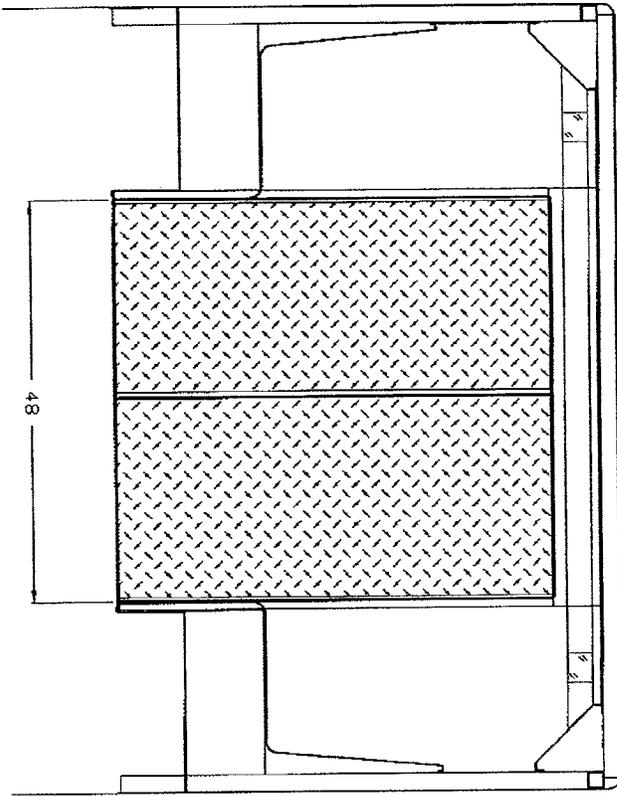
TITLE: INTERIOR C/S VIEW

Braun Northwest, Inc.

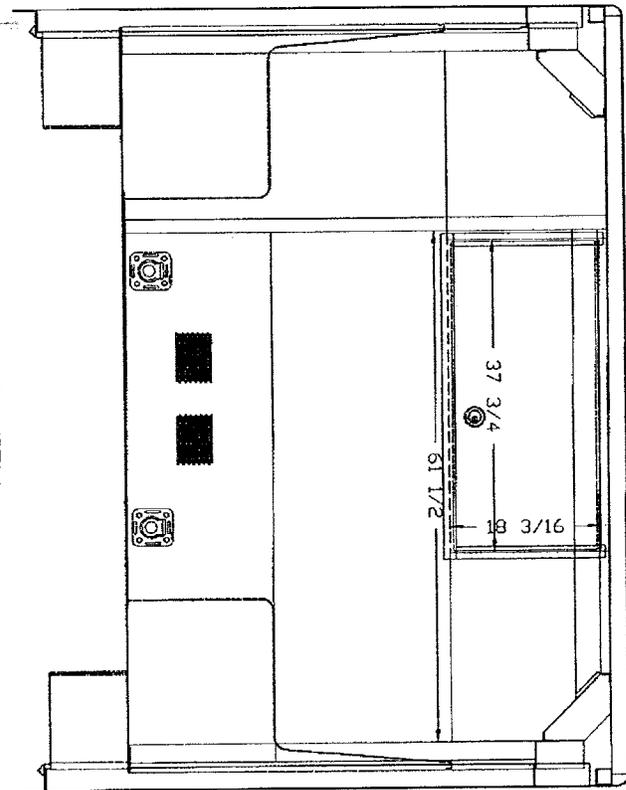
Department	SALES	Rev
Dwg. Name	LAS_CRUGEST	
Client	LAS CRUGES POLICE DEPT.	
Date	11/21/2011	Drawing By
		ARA

NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL

REAR VIEW



FRONT VIEW



TITLE: INTERIOR FRONT & REAR VIEWS

Braun Northwest, Inc.

Department

SALES

Rev

Dwg. Name

LAS_CRUCES6-8

Client

LAS CRUCES POLICE DEPT.

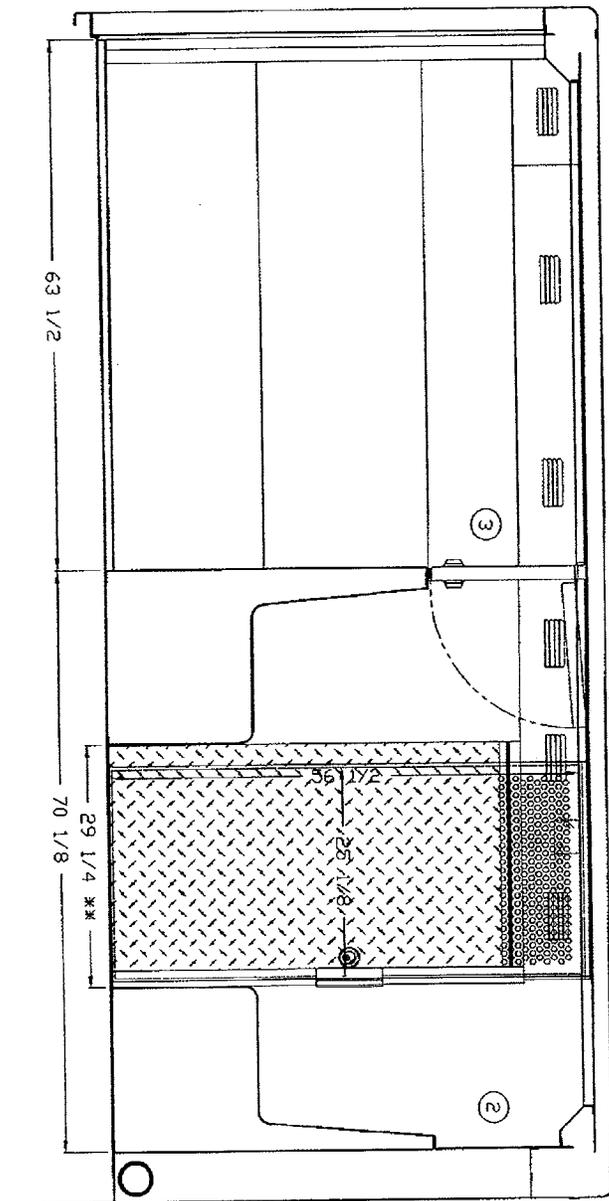
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11/21/2011

Drawing By

A.R.A.

NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL

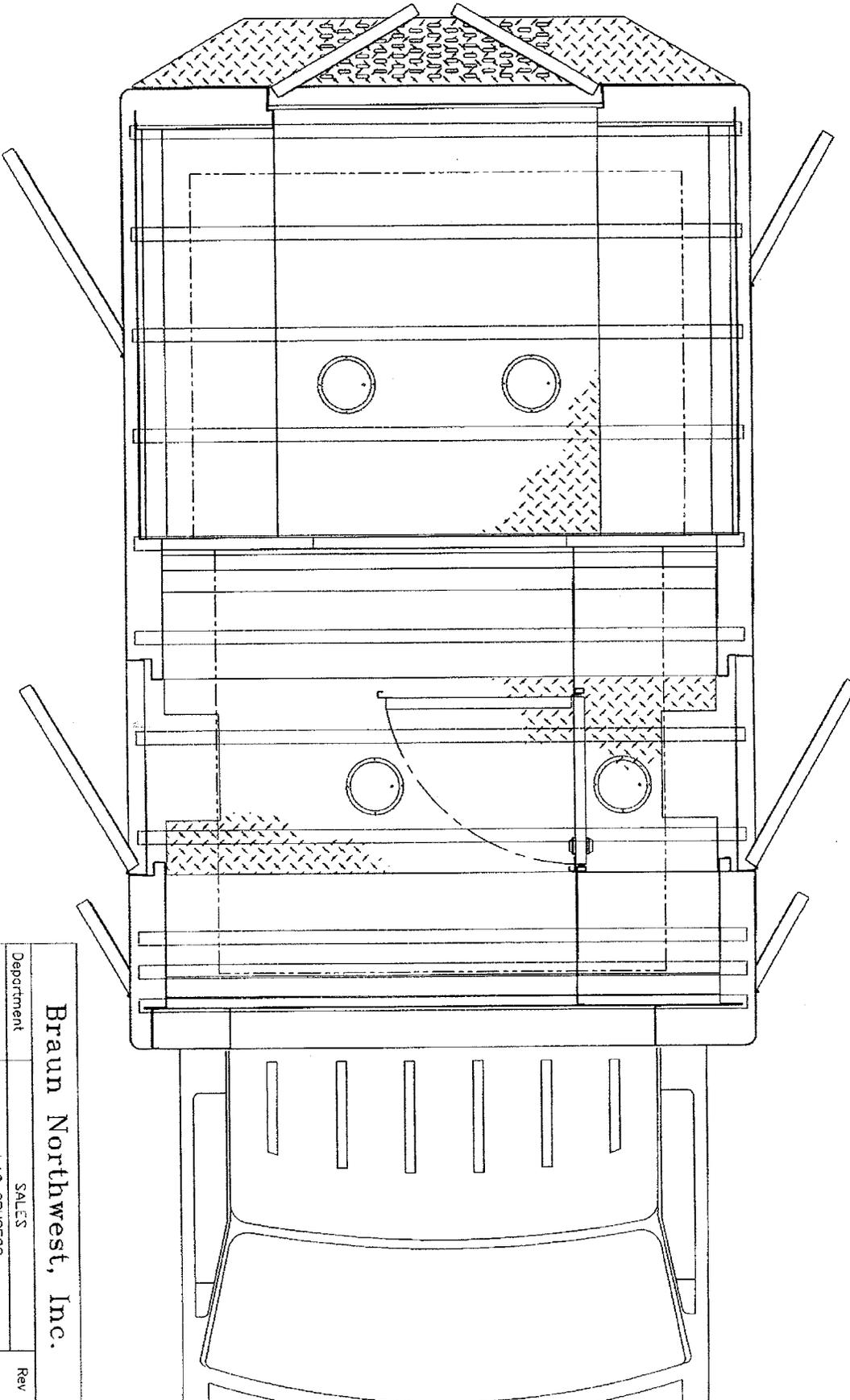


TITLE: INTERIOR S/S VIEW

Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	LAS_CRUCES	
Client	LAS CRUCES POLICE DEPT.	
Date	11/21/2011	Drawing By
		ARA

NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL

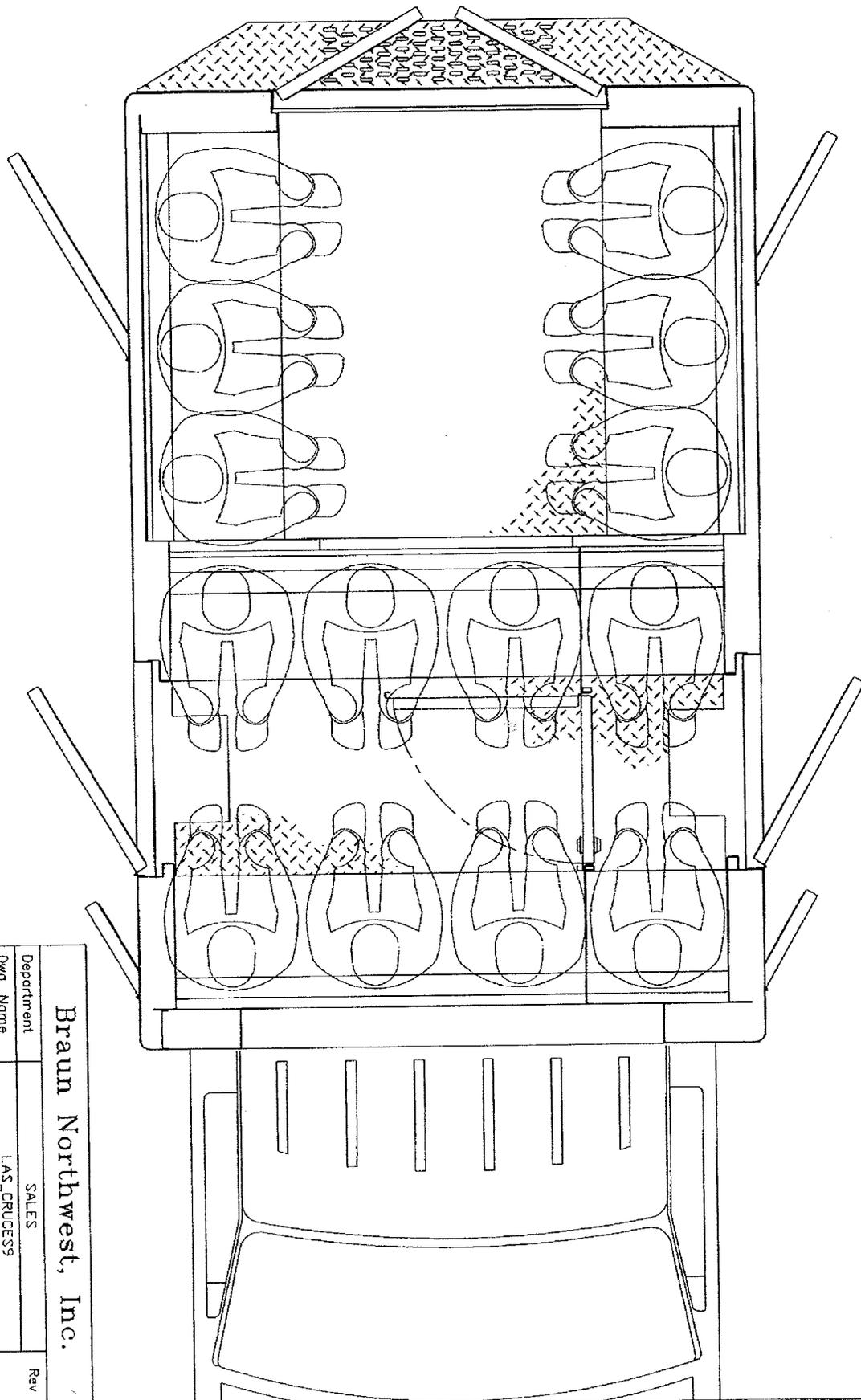


TITLE: PLAN VIEW

Braun Northwest, Inc.	
Department	SALES
Dwg. Name	LAS_CRUCES9
Client	LAS CRUCES POLICE DEPT.
Date	11/21/2011
Drawing By	ARA
Rev	

NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL

TITLE: PLAN VIEW



Braun Northwest, Inc.

Department	SALES	Rev
Dwg Name	LAS.CRUCES9	
Client	LAS CRUCES POLICE DEPT.	
Date	11/21/2011	AR.A
	Drawing By	

NOTE: DRAWINGS MAY SHOW OPTIONAL EQUIPMENT NOT IN PROPOSAL

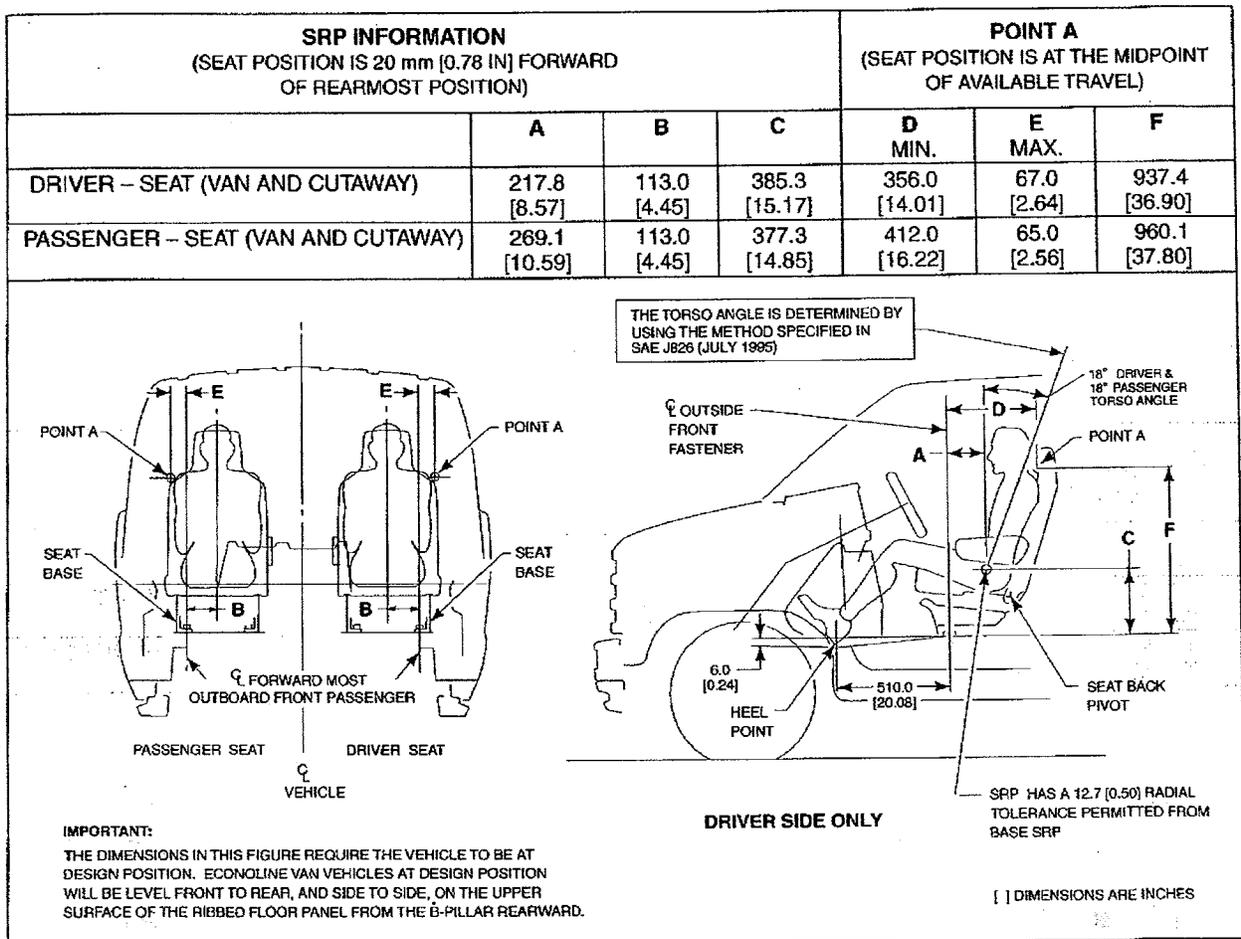


FIGURE C – E-SERIES SEATING REFERENCE POINT (SRP)

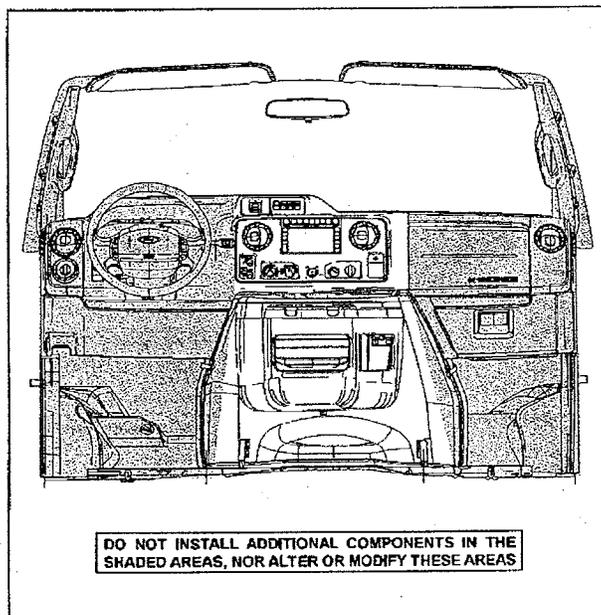


FIGURE D – E-SERIES OCCUPANT PROTECTION ZONE