



**CITY OF PITTSBURGH
EQUIPMENT LEASING AUTHORITY**

ELA BID TABULATION

(SHADED AREAS INDICATES AWARDED PORTIONS
OF THE CONTRACT)

BID FOR:	TYPE IIIAD AMBULANCE
SPECIFICATION #	ELA 17-12
EXPIRATION DATE:	March 31, 2015
DATE ADVERTISED:	February 15, 2012
DATE OPENED:	March 9, 2012
BID SENT:	7 (7-0)
BIDS RECEIVED:	2 (2-0)
REJECTED BIDS:	
NO BIDS:	
LATE BIDS:	
TABULATION PREPARED BY:	Justin Aull 3/12/12
PURCHASING AGENT	William Clark
PROCUREMENT COOR.	
AWARDED BY:	CHAIRMAN- EQUIPMENT LEASING AUTHORITY
DATE AWARDED:	

	PENNCARE INC.		PFUND SUPERIOR SALES	
DESCRIPTION OF ITEMS	UNIT PRICE		UNIT PRICE	
Type IIIAD AMBULANCE Ordered from Date of Award through March 31, 2013	\$212,981.00		Cost 3/9/12 thru 9/1/12	\$214,643.00
	Brauns Supplied Chassis	\$208,436.00	Cost 9/2/12 thru 3/31/13	\$218,312.00
Cost of Pre-Construction Conference Trip from Date of Award through March 31, 2013	\$2,000.00		\$2,660.00	
Cost of Inspection Trip from Date of Award through March 31, 2013	\$2,000.00		\$2,660.00	
Cost of Pre-Delivery Inspection Trip from Date of Award through March 31, 2013	\$2,000.00		\$2,660.00	
Type IIIAD AMBULANCE Ordered from April 1, 2013 through March 31, 2014	See Exceptions		\$225,926.00	
Cost of Pre-Delivery Inspection Trip from April 1, 2013 through March 31, 2014	See Exceptions		\$2,960.00	
Type IIIAD AMBULANCE Ordered from April 1, 2014 through March 31, 2015	See Exceptions		\$232,427.00	
Cost of Pre-Delivery Inspection Trip from April 1, 2014 through March 31, 2015	See Exceptions		\$2,960.00	
OPTIONS				
	N/A		N/A	
international chassis 4x4 option when available				
Rumbler siren in lieu of standard siren (cost for upcharge if any)	\$920.00		\$200.00	
Supply and Install On-Spot Chains	\$2,768.00		\$2,450.00	
Supply and Install Knox Company med-Vault Narcotics Lock, model #5504 (recessed flange, WiFi ready)	\$1,995.00		\$1,445.00	

	PENNCARE INC.	PFUND SUPERIOR SALES
DESCRIPTION OF ITEMS	UNIT PRICE	UNIT PRICE
Extended Warranty (Provide Description) State if Aftermarket, List three local Dealerships that will accept warranty	N/A	EXTENDED WARRANTY IS INCLUDED WITH THE CHASSIS QUOTE FROM HUNTERS. WARRANTY WORK WOULD BE PERFORMED BY HUNTERS TRUCK SALES
Extended Warranty as above, purchased from Date of Award though March 31, 2013	N/A	INCLUDED
Extended Warranty as above, purchased from April 1, 2013 through March 31, 2014	N/A	INCLUDED
Extended Warranty as above, purchased from April 1, 2014 though March 31, 2015	N/A	INCLUDED
Vendors are requested to state the price of any or all additional options or accessories that are particular to the vehicles bid and list them below.	N/A	FRANKLIN 24 HOUR DIGITAL CLOCK ABOVE THE REAR DOORS - \$175.00 *THIS WAS NOT IN THE SPEC BUT IS INCLUDED IN OUR QUOTE*
Additional Chassis Options not specified: Factory Invoice Plus or Minus	N/A	0%
Distance, in miles, to your service Facility: Awarded vendor is required to provide pick-up and delivery from the 29th street garage	9.9 Miles	21 Miles
Discount terms, which if offered, must allow at least forty-five (45) days for payment, are ____% of the total price of items to be awarded to the bidder (Bidder must insert zero ("0") or some percentage figure).	0%	0%
The date(s) and time(s) of the delivery or deliveries are:	90 days after award and chassis delivery	110 Days After Receipt of Chassis
If the specifications permit the bidding of used items, the items set forth hereinafter will be new unless herein stated:	No Bid	No Bid
State manufacturer cut-off dates for ordering units:	No Bid	March 31, 2013
Make and Model of Vehicle Bid:	Braun Chief XL	Life Line Highliner Ambulance on International Chassis
Name of Service Facility	Keystone Fire Apparatus	Pfund Superior Sales Company, Inc.
Address, City, State and Zip code	1751 McKees Rocks Rd. McKees Rocks, PA 15136	221 Chester Drive Lower Burrell, PA 15068
Contact Person	Tom Ball	Mark Thomas
Title	Service Manager	Service Manager
E-mail Address:	info@keystonefireapp.com	mthomas@pfundsuperior.com
Telephone Number:	412-771-7722	724-339-1600

	PENNCARE INC.	PFUND SUPERIOR SALES
DESCRIPTION OF ITEMS	UNIT PRICE	UNIT PRICE
Fax Number	412-771-7780	724-339-7509

PENN CARE INC.
1317 North Rd
Niles, Ohio 44446

contact: Taylor Pease
phone: 1 800 392 7233
fax 330 544 0022
email taylor@penncare.net

PFUND SUPERIOR SALES CO., INC.
221 CHESTER DR.
LOWER BURRELL, PA 15068

contact Terry E. Pfund
phone 724 339 1600
fax 724 339 7509
email tpfund@pfundsuperior.com
cell 412 956 3770

ATTACHMENT D

PENN CARE EXCEPTIONS

Page 30 1.19 Warranty, Service, & Parts

D. Braun will provide a 5 year 75,000 mile warranty on the electrical system

E. PPG Paint Warranty - This warranty covers the areas of the ambulance body finished with specified PPG products for a period of 7 years or 84,000 miles which ever occurs first, from the date the vehicle is delivered to the owner. The first four years or 48,000 miles are covered at 100% parts and labor. The fifth year or up to 60,000 miles is covered at 75% parts and labor, and the sixth and seventh years or up to 84,000 miles are covered at 50% parts and labor. Paint repairs must be pre-approved by Braun/PPG and performed by an authorized PPG facility.

F. Braun will provide a lifetime transferable structural warranty, to include aluminum cabinetry and the EZ glide sliding door.

G. Braun will provide a 2 year 30,000 mile module conversion warranty.

Page 32 2.01 Chassis

E. Code GVWR of chassis will be 18,000#'s

Three (3) batteries with 2250 CCA or two (2) with 1300 CCA. We have shown three in the Quote.

13WYH: is not available on a Terrastar at this time.

27DAV: is the code for polished aluminum rims/ description is for steel (I'm assuming since rears are steel, front will be too).

14TBL: 12,500 lbs rear suspension/ Terrastar has a 12,000 rear suspension.

14WAS: Dual leveling valves are not available from factory for a Terrastar (Single valve and we will install second one).

14WAP: (2) shock absorbers are standard with IROS on Terrastar.

04EBT: Bendix AD-IP with heater/ Terrastar air dryer is a Meritor Wabco system saver 1200 w/ heater.

04GAS: Park brake on dash is not available yet.

15SSV: plastic fuel tank/might want to recommend the steel one (no price change).

09GAS: The Terrastar chrome grille code is 09HCG and comes with the chrome headlight bezels and painted modesty panel.

08WMA: Not available on a Terrastar at this time.

16WBY: Driver side arm rest is not available with a fixed seat (arm rest is only available with an air ride seat)

16WBZ: Passenger side arm rest is not available with a fixed seat (arm rest is only available with an air ride seat).

08WXD: Not available on a Terraster at this time.

100" CA will be done at Selking International, this will not void OEM warranty. My quote includes this modification being done.

Are they sure that they want the exhaust to exit out on the passenger's side? This is where people will be entering and exiting. Could we talk them into having it exit the driver side?

Specs do not call for the following (standard Braun features) I left these on but, just let me know if you want me to remove them.

- Test exterior light
- Headlights on w/ wipers on
- Silicone heater hose
- Air cleaner restrictor gauge

Page 36 **2.04** Optional 4x4 is not available

Page 37 **2.08 C.** A Two position Dump switch shall be provided as standard

Page 37 **2.10 Exterior commercial cutaway modification**

C. 2. Braun uses anodized aluminum diamond plate. The iodization process provides a longer lasting more durable finish and prevents corrosion.

Page 39 **C. 13.** Braun will utilize a Master tech IV vista display. The Vista display is grouped by category for ease of use and will have push button functions clearly marked to ease of use. The specification calls for switches and we just want to clarify that these are push buttons on the cab console VISTA display.

Page 40 **3.02 Body Design**

A. General Construction

1. Braun's Solid Body brake-formed construction utilizes flat sheet aluminum and then we cut it out and brake form it creating the structural pieces. Those pieces are all then welded together to create a unitized body where the outside skin, outside storage compartments and interior aluminum cabinets are all fully welded together (No glues, adhesives, or rivets) to create a single bond of a unitized body. This construction method provides you with a stronger module. However since we do not utilize extrusions the module is lighter weight and has a lower overall center of gravity. This provides you with an extended lifecycle of your unit, as the lighter weight module does not cause premature chassis equipment to fail early. Also by not utilizing extrusion (6063 T6) along with the 5052 H32 alloys we do not have dissimilar metals in our units thus providing you with a better anti corrosion package. Braun utilizes the same material throughout the entire vehicle the 5052 H32 aluminum alloy.

2. Testing of framing- Please find enclosed our test of the AMD Static Load roof test and side wall test. We exceeded the testing parameters by 333% and went to a crush test of over 90,024lbs. On the roof and over 60,000 lbs on the sidewall with less than Vz deflection. This test confirms our stance of the Solid body construction is stronger and our available payload confirms our stance on the lighter weight module. No other Manufacturer has tested to these parameters and passed the test.

B. Roof- Our roof is made form .125" aluminum not the .090" as specified. Our entire vehicle is made from the .125" aluminum except for the floor laterals and door skins are made From .190" and our interior aluminum cabinets are made form .090". This provide you with A stronger roof and allows us to far surpass the AMD test for static load roof testing.

Page 43 3.03 Compartment & Module Door Construction

Our Doors are made from the same alloy as the rest of the module 5052 H32 aluminum alloy. All exterior hinged module doors shall be constructed in an inverted pan-formed design. The pan shall be constructed from .125" thick 5052-H32 flat sheet aluminum. The exterior door skin shall be constructed of .190" thick aluminum and welded to the pan. Door gaskets shall be attached to the interior side of the door skin. Gaskets attached to interior door frames are not satisfactory and shall not be accepted. Full-length, two-way adjustable, stainless steel hinges on all exterior compartment doors

With 3/16" stainless steel hinge pins. We utilize ceramic-coated stainless steel bolts that are inserted into double walled aluminum (Tapped) for better durability.

Compartment doors shall be installed, flush with the module body.

When double doors are provided, each door shall have an exterior handle, but only the

Forward door shall be lockable. (Rearward door is secured when forward door is locked).

All exterior compartments and passage doors shall be keyed alike.

Lockable, Eberhard "free-floating" type chrome plated handles with rotary locks. A

Gasket shall be installed under each handle to protect the paint.

All exterior compartment doors shall have .063" thick aluminum diamond plate inner door

Skins. The Eberhard latch mechanism releases when in the locking position to prevent damage to the handle or rods from attempting to open the door when locked. Eberhard handles also allow for ease of use with a gloved hand.

Page 46 3.04 Module insulation

Braun will insulate the walls, ceiling, passage doors, outside storage doors, the entire underside of the module floor (except for mounting pads), the underside of the outside storage compartments, the wheel wells, and the underside of the curbside step area shall be completely foam - in - place insulated with nominal 3/4" thick sprayed on class I, urethane foam for thermal and acoustical insulation. The insulation shall comply with FMVSS #302 flame spread requirements. The underside of the body shall be properly prepared to ensure adhesion before the spray insulation is applied. Sprayed in foam insulation provides better coverage and greater sealing of the module than plank foam

Page 48 3.08 Crash Rails

To help control the overall cost of the vehicle and for ease of replacement, Braun will provide our standard crash rails.

Page 49 3.09 Rub Rails

To help control overall cost and for ease of replacement Braun will provide our standard rub rails.

Page 49 3.10 Fenders

E. To help control overall cost and for ease of replacement Braun will provide our standard fenders.

Page 49 3.11 Stone Guards

Braun will use anodized aluminum diamond tread plate adhered to the module. The iodization will provide a longer lasting finish and prevent corrosion. We will not use steel machine screws to fix the stone guard to the front of the module, the use of dissimilar metals will create a point for corrosion and using machine screws will break the paint barrier and expedite the corrosion process. With adhering the plate to the font of the module the paint barrier will not be broken and the adhesive will provide a barrier to corrosion.

Page 49 3.12 Exterior Compartment

Page 53 4. a. Braun will provide an inside outside access located above the battery compartment with dimensions of 55" high x 25.25" wide x 20" deep.

4. a. Braun will provide a battery compartment located below the forward passenger side compartment. This compartment shall provide storage for batteries.

Page 55 4.02 Interior Design

B. 1. 12. Braun will provide a one piece aluminum headliner with a Zolotone polychromatic finish. The welded in one piece headline will increase strength and provide a cleaner finish. There will be access to wiring on the both sides of the module, access to be behind lighting.

D. Interior Wall Paneling - Braun will provide all aluminum cabinet construction. Aluminum and Formica have differing contraction and expansion rates, so to prevent breaking and cracking of the Formica do to the differing expansion rates, Braun will utilize a polychromatic spray on the interior cabinetry and headline to prevent Formica deterioration. This finish also provides a seamless finish and is also easier to clean.

Page 56 **F.** Braun will utilize composite flooring. Composite flooring is lighter weight provides a longer lasting base for flooring material. A wood floor is susceptible to damage from moisture and can splinter or peel back if floor covering needs to be replaced in the future.

Page 57 **G. 4.** Braun will bolt the cot mounting hardware into tapping plate's install in the floor of the module.

Page 58 **4.04 Cabinet construction**

Braun will utilize an all aluminum cabinet construction. The cabinets will be incorporated into our Solid Body construction and will be covered under our life timer warranty. All aluminum cabinetry will be lighter weight, longer lasting, and more durable than wood cabinets. The cabinets will be welded to the body and shall be sprayed with a polychromatic finish to create a clean look.

All interior cabinets shall be constructed of .090" thick welded aluminum. Wood products shall not be used in the construction of any interior cabinet. All cabinet exteriors, interiors, drawer fronts, drawer interiors, and aluminum doors shall be sealed with a washable sprayed-on multi-use polychromatic coating.

All sliding cabinet doors shall be nominally 1/4" thick light bronze acrylic material. The sliding cabinet doors shall be installed in aluminum track lined with PPL inserts to eliminate rattles and prevent the doors from opening during transit. An edge mounted aluminum handle shall be installed on each sliding cabinet door.

4.05 Cabinet Dimensions & Layout

Page 60 **4. a.** Braun will provide a compartment 23" high x 22.75" wide x 17.25" deep

B. 2. a. Braun will provide a compartment with dimensions of 8" high x 14" wide x 15" deep.

Page 61 **3. a.** Braun will provide a compartment with dimensions of 24" high x 17.25" wide x 20" deep.

4. a. Braun will provide a compartment with dimensions of 17.25" high x 17.25" wide x 20" deep.

5. a. Braun will provide a compartment with dimensions of 50" high x 25.25" wide x 20" deep.

Page 61 **5.01 General Specifications**

A.1. Braun will provide a Master tech IV multi-plex electrical system

Page 62 **13.** Braun will provide the ability to expand the number of programmable outputs. However we will not use a relay board as described. The Master Tech IV system can be programmed to additional functions without the use of a relays or switches.

13. a. The Weldon Vista IV does not have audio video inputs

13. d. When the back up camera is in use to include overlaid buttons would reduce the visible area for the camera. Braun will enable the Vista screen to be touched to return to the home menu, this will allow for more visible area when using the back up camera.

14. a. Braun will provide a 7" dialog screen.

B. 3. The initial crank voltages will vary with the amount of equipment that is to be wired constant hot. Braun will work with the customer to determine what the best electrical design is to achieve requirements.

4. The Weldon V-mux system utilizes a load management system that incorporates a protection system.

10. The Braun Master Tech IV system utilizes nodes. Each node will have a diagnostic LED's

11. a. The Vista screen will utilize a touch screen as well as push buttons to suit operator preferences.

Page 65 **13. a.** The Vista screen will have a 7" screen.

i. The Vista screen has push buttons as well as a touch screen; the home menu has selectable menus. Each sub menu has additional features. The home screen is utilized for critical functions to be easily accessible rather than displaying multiple items which can make it difficult to locate functions in an emergency situation.

Page 66 **t.** The Master Tech IV cannot be reprogrammed through the vista display. Programming can be uploaded through a laptop to prevent unintentional reprogramming of the electrical system.

v. 1. The vista screen will have a home screen touch button to prevent the menu function from timing out too quickly.

v. 4. The Vista screen is developed to be durable and designed for emergency applications; it does not require an internal fan.

v. 5. The Vista screen is developed to be durable and designed for emergency applications, it does not require a built in heater.

14. a. The Vista screen will be 7"

Page 67 **e.** The Vista screen will be configured for each function to have a touch function.

C. 2. Braun will use an in power disconnect.

7. The Braun Master tech IV system does not require a dedicated function module. The functions will be integrated into the Master tech programming.

10. The Braun Master Tech IV system does not require the use of CAN bus. Programming is integrated to the Weldon system and CAN bus is not required.

Page 68 **E. 1.** The Braun Master Tech IV utilizes the Vista Screen. There will be a vista screen located in the cab and two located in the module. The Master Tech IV system will function as described with out the use of the sub components as described.

3. a. The power-lock and unlock function is incorporated into the OEM lock switch for ease of use.

4. b. The Medical Diode Isolator will be separate from the module function programming.

Page 72 5.03 Check out Light System

E. The check out lights will come "on" when the system active light is activated at an entry door. The complete system will time out after the vehicle has been left unattended to prevent battery draining.

Page 89 9.01 Module Painting Standards

All non-anodized aluminum module body surfaces shall be completely chemically steam cleaned, filled with premium body filler as needed, sanded smooth and primed with F-3963 etching primer and then primed again with F-3980 high solid primer.

The cured primer surface shall be DA sanded with 320 grit and cleaned with DX-330. F-3980 high solid primer shall then be applied, where needed, as a sealer.

The module shall be painted with PPG Delfleet low voc polyurethane paint, to match the OEM chassis color, at a dry thickness of no less than 2 to 2.5 mils.

The entire module shall be clear-coated, using a PPG process, sprayed over the final paint coat.

The paint on the module sides shall be buffed to a high shine using a recommended paint buff system.

PRICING EXCEPTIONS

Pg 17 ELA-17-12

Braun and Penn Care are willing to work with the City of Pittsburgh on year two and year three with a CPI index if that is acceptable to the City. Braun Industries is unable to commit to a price for the second and third year due to the chassis OEM's inability to provide us a price on the chassis for year two and year three.

PFUND SUPERIOR SALES

EXCEPTIONS / CLAIRFICATIONS

2.01 We are proposing a #18,000 GVWR chassis to insure the requested #2,500 payload is obtained

3.01 C The module length behind the rear axle would be 69.75" in place of the requested 67.0

3.12 B1L A steering wheel cutter is not include due to lack of availability