



March 2017

MIAMI TOWNSHIP

**REMOUNT TWO (2) BRAUN AMBULANCES
ONTO NEW INTERNATIONAL CHASSIS**

MIAMI TOWNSHIP, OHIO

Ken Tracy
Chairperson

Mary Makley Wolff
Trustee

Karl Schultz
Trustee

Eric C. Ferry
Fiscal Officer

Bid Opening Date:

Friday, March 31, 2017 at 2:05 p.m.

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SECTION 1

NOTICE TO CONTRACTORS

Sealed proposals will be received at the Office of the Board of Trustees of Miami Township, Clermont County at 6101 Meijer Drive, Milford, Ohio 45150 by certified mail before 2:00 p.m. on Friday, March 31, 2017 or may be delivered in person on Friday, March 31, 2017 before 2:00 p.m. at the Miami Township Civic Building, 6101 Meijer Drive, Milford, Ohio 45150. Bids will be opened the same day at 2:05 p.m. for the following project:

Remount two (2) Braun ambulances onto new International chassis

Copies of the Bid Documents may be obtained Monday through Friday 8:00 a.m.- 4:00 p.m. Beginning Friday, March 17, 2017 at the Miami Township Fire & EMS headquarters station located at 5888 McPicken Drive, Milford, Ohio 45150, or on-line at www.miamitwpoh.gov.

In accordance with the ORC Section 153.54, each bid must be accompanied by either a bid bond, in the prescribed form, and in the full amount of the bid or a certified check, cashier's check or letter of credit. The certified check, the cashier's check or letter of credit may be in the amount of ten (10) percent of the bid. The bid bond, the certified check, the cashier's check and the letter of credit are subject to the provisions of section 153.54 of the ORC. **Any such bond must be issued by an insurer authorized to do business in Ohio or the bid will be rejected.**

The successful bidder must provide a notarized statement that at the time of making his bid he was not charged with any delinquent personal property taxes on the general tax list of personal property of Clermont County, according to Revised Code Section 5719.042.

The Board of Trustees of Miami Township reserves the right to reject any or all bids.

BOARD OF TRUSTEES, MIAMI TOWNSHIP, CLERMONT COUNTY

ERIC C. FERRY
Fiscal Officer

INSTRUCTIONS TO BIDDERS

1. Sealed proposals will be received by:

BOARD OF TRUSTEES
MIAMI TOWNSHIP
6101 Meijer Drive
Milford, OH 45150

As set forth in the Specifications. Proposals will be publicly opened and read aloud.

2. Proposals must be presented on the Bid Proposal sheet included in Section 3..
3. Bidders only may obtain Specifications from **www.miamitwpoh.gov** or:

Miami Township Fire & EMS
5888 McPciken Drive
Milford, Ohio 45150

4. The Owner is The Board of Trustees Miami Township, Clermont County, OH, and is referred to throughout the Contract Documents as if singular in number. The term Owner means the Owner or the Owner's authorized representative.
5. All proposals shall be submitted in a sealed envelope addressed to:

BOARD OF TRUSTEES
MIAMI TOWNSHIP
6101 Meijer Drive
Milford, OH 45150

The outside of the envelope shall be clearly marked: **AMBULANCE REMOUNT BID**

6. Bidders may withdraw bids, in person only, at any time prior to the scheduled time for closing the receipt of bids. Withdrawals after the scheduled time for closing the receipt of bids will not be permitted for a period of ninety (90) days.
7. The Owner reserves the unrestricted privilege to reject any, part of any or all Bids received.
8. No proposal nor any obligation hereunder to be assumed by the Owner shall be accepted until such time as the Owner or Owner's representative, may deposit in the U.S. Mail, or hand to the Bidder, personally, written notice addressed to Bidder at the address given on the Proposal of acceptance of Proposal.
9. Bidders are advised to examine, before submitting their bids, the plans, profiles, specifications from those heretofore used; it is hereby understood that a bidder has read and fully understands each and every clause embodied in all the documents which are part of this contract. Also, no information derived from the Owner will in any way relieve the Contractor from any risks or from fulfilling all of the terms of this contract.

10. A bidder at any time may request from the Owner in writing a clarification of such conflict or discrepancy. A written response will be issued as prescribed in paragraphs 21 and 22 of these instructions. If any discrepancy is incurred after entering into a contract with the Contractor, the order of compliance stated above will be strictly adhered to.
11. No contract will be awarded to any bidder who is in arrears to the Owner upon any debt or contract, or who is a defaulter as surety or otherwise, upon any obligation to said Owner.
12. Contract(s) will be awarded to the lowest responsive and responsible Bidder as determined by the Owner in accordance with, but not limited to, the provisions of ORC Section 9.312.
13. In case of partnership, the firm name and the name of each individual partner must be signed and in the case of corporation, one of the corporate officers duly authorized to do so shall sign his name, with title, together with the corporation name.
14. The Bidder must specify on the Bid Proposal Sheet the estimated number of days for project completion required following receipt of order for work to be done. The bidder must also periodically update the Owner regarding changes to the completion schedule.
15. Bid security in the form provided in the Bid Guaranty and Contract Bond (Section 153.571, Ohio Revised Code) must accompany each bid form and shall be made out in the amount of one hundred (100) percent of the total base bid. **Any such bond must be issued by an insurer authorized to do business in Ohio or the bid will be rejected.**
16. After a contract has been awarded to the bidder, he or she shall be required to execute the contract within ten (10) days from the date of service of notice to the effect. In case of failure to do so, he or she will be considered as having abandoned the Contract, and the deposit accompanying the proposal shall there upon be forfeited to the Owner and the work may be awarded to the next qualified bidder or re-advertised.
17. All proposals shall be publicly opened and read immediately after the time stated in the advertisement. A time and place for the public Bid Opening is set forth in the Legal Notice.
18. The Bidder must submit at the time requested, the various statements required.
19. Instructions must be adhered to; failure to observe them strictly shall constitute a sufficient cause for the rejection of a bid.
20. The Owner reserves the right to require the Bidder to present satisfactory evidence that he/she has been regularly engaged, as either Principal or Superintendent, in the business of constructing work similar to that proposed herein. Also, the Owner reserves the right to require the Bidder to present satisfactory evidence that he is fully prepared with necessary capital, material, machinery and equipment to conduct the work contracted for to the satisfaction of Owner and to begin promptly when so ordered. Failure to have performed satisfactorily any Contract awarded to the Bidder or any other person by the Owner shall be sufficient reason for rejection of the proposal.

INTERPRETATION OF PLANS, SPECIFICATIONS AND CONTRACT DOCUMENTS

21. If any person who plans to submit a bid for the proposed work is in doubt as to the true meaning of the plans, specifications or contract documents, he may submit a written request to the Owner for the interpretation thereof. Any interpretation of the proposed documents will be made by Addendum only, duly issued, and a copy of such Addendum will be mailed or e-mailed to each prospective bidder. The Owner will not be responsible for any other explanation or interpretation of the proposed documents.

ADDENDA

22. Change in, or clarification of, the contract documents, determined after the date of the initial advertisement, will be made by Addenda. Such Addenda will be provided to all prospective bidders at an address or e-mail given. It is the bidders responsibility to ascertain that all Addenda have been examined and understood by him or her. The Owner will check immediately before bids are opened to make sure that all bidders have received copies of any Addenda issued.

DISCRIMINATION

23. The Contractor agrees that in the hiring of employees for the performance of the proposed work under this contract or any subcontract, no contractor, subcontractor, or any person acting on his behalf, shall, by reason of race, creed, sex, handicap, national origin, color or age discriminate against any citizen of the state in employment of labor or workers who are qualified and available to perform the work to which the employment relates.

Also, the Contractor agrees that neither he or she nor any of his or her subcontractors, nor any person acting in his or her behalf, shall discriminate against or intimidate any employee hired for the performance of work under this Contract on account of race, creed, sex, handicap, national origin, color or age.

24. The Contractor shall keep himself or herself fully informed and shall comply with all existing and future laws, ordinances and regulations of the federal, state, county and municipal governments, in any manner affecting his or her employees, or the conduct of the work, or the materials used or employed in the work.

EMERGENCY TELEPHONE NUMBERS

25. The Contractor must submit Emergency (24 hour) telephone numbers to the Owner on the Company letterhead at the Pre-Construction meeting.

OSHA PROVISIONS

26. Work of this Contract shall be performed in accordance with "Safety and Health Regulations for Construction" and subsequent amendments, as promulgated by the Department of Labor and identified as Chapter XVII of Title 9, code of Federal Regulations (CFR), Part 1926 (formerly Chapter XIII of Title 29, CFR, Part 1518).
27. Each and every provision of the law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein and this Contract shall be read and enforced as though it were included herein, and if through mere mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party hereto the Contract shall forthwith be physically amended to make such insertion.

SECTION 2

REMOUNT SPECIFICATIONS

THIS SPECIFICATION DOCUMENT MUST BE COMPLETED AND RETURNED WITH THE BID

**ANY EXCEPTIONS MUST BE CLEARLY NOTED ON THE
"EXCEPTIONS PAGE" AT THE END OF THIS DOCUMENT**

AA. SCOPE, PURPOSE AND CLASSIFICATION

AA – 1.2

PURPOSE: The purpose of this document is to provide minimum specifications and test parameters for the remounting of an emergency medical care vehicle that meets the needs and desires of this agency. It establishes essential criteria for the design, performance, equipment and appearance of the vehicle. All dimensions listed are given as the approximate sizes required to meet the needs of this department. The object is to provide a vehicle that is in accordance with nationally recognized guide lines.

Does Your Bid Comply? Yes _____ No _____

AA – 1.2.1

GENERAL VEHICLE DESIGN, TYPE AND FLOORPLAN: The ambulance and the allied equipment furnished under this specification shall be the manufacturer's current commercial vehicle of the type and class specified. The ambulance shall be complete with the operating accessories as specified herein and furnished with such modifications and attachments as may be necessary or specified to enable operation. The design of the vehicle and specified equipment shall permit accessibility for servicing, replacement and adjustment of components and systems. The term "HEAVY DUTY" as used to describe an item shall mean in excess of the usual quantity, quality or capacity that is normally supplied with the standard production vehicle or components.

Does Your Bid Comply? Yes _____ No _____

AA – 1.3

CLASSIFICATION: This specification calls for the following type of vehicle. It is in accordance with paragraph 1.2.1 of KKK – A – 1822.

Type I – Specialty Cab and Chassis with containerized modular body remounted.

Class I – Two rear wheel driven 4x2

Floor Plan A – Elevating cot and squad bench for ALS.

Does Your Bid Comply? Yes _____ No _____

AA – 1.4

GENERAL: This is an engineer, design, construct and deliver type specification and it is not the intention of this agency to write out vendors or manufacturers of similar or equal equipment of the types specified. It should be noted, however, that this specification is written around the specific needs of the department with the intent to standardize certain components, specific brands have been specified in certain places. This has been done to establish a certain standard of quality. Other brands will be accepted providing the vendor/manufacturer details how another brand will meet or exceed the quality of the actual brand specified. Because of this the Review Board reserves the right to accept or reject any and/or all Bids.

Does Your Bid Comply? Yes _____ No _____

AA – 1.5

MATERIALS: The emergency medical care vehicle, chassis, ambulance body, equipment, devices, medical accessories and electronic equipment to be delivered under this contract shall be standard commercial products which meet or exceed the requirements of this specification. The ambulance shall comply with all Federal Motor Vehicle Safety Standards (FMVSS) and Federal regulations applicable or specified for the year of the manufacture. The chassis, components and optional items shall be represented in the manufacturer's current technical data. Materials used in the construction shall be new and not less than the quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and shall be suitable for the intended use.

Does Your Bid Comply? Yes _____ No _____

AA – 1.6

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

Does Your Bid Comply? Yes _____ No _____

AA – 1.7

INFORMATION AND DESCRIPTIVE MATERIAL: Vendors must furnish all information requested and in the space provided on the bid form. In addition, vendors/manufacturers shall adhere to and follow Ford QVM standards. These standards shall be followed even when a Ford chassis is not specified. Bids not meeting this requirement will be considered non-responsive and rejected.

Does Your Bid Comply? Yes _____ No _____

AA – 1.8

PRICES AND PAYMENTS: all bid prices shall be on an F.O.B. destination and acceptance basis at the purchaser's specified location. These prices shall be complete and include warranty. Payment shall be made in accordance with these specifications and upon the acceptance of the vehicle (s) and equipment specified under these specifications. All bid prices shall be valid for 45 days from the date of the bid opening or as otherwise specified on the bid proposal form. Full payment shall be made as each unit is received, inspected and found to comply with the procurement specifications, free of damage and properly invoiced.

Does Your Bid Comply? Yes _____ No _____

AA – 1.9

WARRANTY: The successful manufacturer shall provide warranty on the vehicle which covers defective parts and/or components, the improper choice of materials, parts, improper design or engineering and poor or improper workmanship or quality control techniques. The warranty shall cover the Remounting process and shall include any and all costs for labor and parts and materials that are required to correct any and all deficiencies. A copy of the Remount Manufacturers Warranties shall be included with the bid.

This Department has established these Warranties to be the minimum acceptable:

Modular Structural Warranty shall be twenty (20) years from the date of delivery of vehicle.

Ambulance Conversion Warranty shall be three (3) years from the date of delivery of the vehicle. Ambulance shall be free of substantial defects.

Ambulance Electrical Wiring System Conversion Warranty shall be seven (7) years from date of delivery of the vehicle. Items not manufactured or installed by remount facility shall be excluded.

Ambulance patient module paint warranty shall be five (5) years from the date of delivery. Paint warranty shall cover any painting done by the remount facility on the modular body and on the chassis. No corrosion warranty is included.

Chassis Warranty shall be covered by the Chassis Manufacturer.

Does Your Bid Comply? Yes _____ No _____

AA – 1.10

DELIVERY: Since delivery proposals by the vendor will weigh heavily in the determination of the bid award, the schedules that are submitted by the vendor shall automatically become binding. Delivery delays due to component supply problems to the vehicle manufacturer shall not penalize either the manufacturer. Delivery must be within 100 – 120 working days from the date of the award of the bid. Exception to this would be if chassis are not available or have to be ordered. Vendor shall state lead times.

Does Your Bid Comply? Yes _____ No _____

AA – 1.11

ANTI-COLLUSION STATEMENT: By signing this Bid, the vendor agrees that his/her RFP is made without any understanding, agreement or connection with any other person, firm or corporation making a Bid for the same purpose and that his/her Bid is in all respects fair without collusion or fraud.

Company Name: _____

Bidder Signature: _____

Date Signed: _____

Does Your Bid Comply? Yes _____ No _____

AA – 1.12

Each vendor must be able to display that they have in recent times and are currently maintaining an established service center and parts depot capable of satisfying the warranty service requirements for the model and quantity of vehicles bid.

The vendor must state the location of the Service center. The Service center should be either Manufacturer or owned by the representing Dealer, the use of contract authorized service centers has proven to be ineffective due to the lack of knowledge and training. Mobile service capability must be provided by the dealer. Dealer must provide a minimum of \$2,000,000.00 in Liability and Workers Compensation Insurance. A copy of this insurance certificate should be provided with bid. NO EXCEPTIONS

Vendors must list below the nearest service facility and parts department to the purchaser.

Facility Name: _____

Address: _____

Phone Number: _____

Contact Name: _____

Approximate Miles
From Purchaser: _____

Does Your Bid Comply? Yes _____ No _____

AA – 1.13

GENERAL LIABILITY INSURANCE: Manufacturers are required to submit with their bids a Certificate of Liability Insurance in the amount of no less than two million dollars (2,000,000) in general liability as issued by the vendor's insurance company.

Does Your Bid Comply? Yes _____ No _____

AA – 1.15

FINAL INSPECTION AND DELIVERY: If the remount facility is more than 300 miles from Miami Township, Clermont County, Ohio, the bid price shall include commercial air transportation to and from the remount facility as well as all trip expenses (including lodging and meals) for two (2) department personnel.

Does Your Bid Comply? Yes _____ No _____

AA – 2.1

MANUFACTURER, MODEL TYPE AND YEAR: 2018 or newer Interantional 4300 Chassis Cab, Two Wheel Drive, Dual Rear Wheels, Wheelbase 175", CA 107.90", G.V.W. 20,000 lbs.

Model Profile

2018 4300 SBA LP 4X2

MISSION: Requested GVWR: 20000. Calc. GVWR: 20000

DIMENSION: Wheelbase: 175.00, CA: 107.90, Axle to Frame: 63.00

ENGINE, DIESEL: {Cummins B6.7 260} EPA 2017, 260 HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 260 Peak HP (Max)

TRANSMISSION, AUTOMATIC: {Allison 2500_EVS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double

Overdrive; With PTO Provision, Less Retarder, With 33,000-lb GVW & GCW Max.,

CLUTCH: Omit Item (Clutch & Control)

AXLE, FRONT NON-DRIVING: {Dana Spicer D800-F} I-Beam Type, 8,000-lb Capacity

AXLE, REAR, SINGLE: {Dana Spicer S16-130} Single Reduction, 15,500-lb Capacity, 190 Wheel Ends Gear Ratio: 4.56

CAB: Conventional

TIRE, FRONT: (3) 245/70R19.5 Load Range H XZE (MICHELIN), 619 rev/mile, 75 MPH, All-Position

TIRE, REAR: (4) 245/70R19.5 Load Range H XZE (MICHELIN), 619 rev/mile, 75 MPH, All-Position

SUSPENSION, REAR, AIR, SINGLE:

{International} Ride Optimized Suspension (IROS); 12,000-lb Capacity, 5.3" Ride Height, With Shock Absorbers

PAINT: Cab schematic 100GA Location 1: 2303, Red (Std) Chassis schematic N/A Base Chassis, Model 4300 SBA LP 4X2 with 175.00 Wheelbase, 107.90 CA, and 63.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 9.125" x 3.062" x 0.312" (231.8mm x 77.8mm x 8.0mm)

With Transition to 6.500" x 3.062" x 0.312" (165.1mm x 77.8mm x 8.0mm) 388.4" (9864mm) Maximum OAL; For LP Chassis

Notes: 6.50" Web Height in AF Section

BUMPER, FRONT Full Width, Aerodynamic, Chrome Plated Steel; 0.142" Material Thickness

WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm)

AXLE, FRONT NON-DRIVING {Dana Spicer D800-F} I-Beam Type, 8,000-lb Capacity
Notes: The following features should be considered when calculating Front GAWR: Front Axles;
Front Suspension; Brake System;
Brakes, Front Air Cam; Wheels; Tires.

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 8,000-lb Capacity; With Shock
Absorbers
Includes: SPRING PINS Rubber Bushings, Maintenance-Free
Notes: The following features should be considered when calculating Front GAWR: Front Axles;
Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

BRAKE SYSTEM, HYDRAULIC {Meritor Wabco} Split System, Full Power, With Automatic
Adjustment And With Four Channel ABS
AIR DRYER {Bendix AD-IP} With Heater
Includes: AIR DRYER LOCATION Inside Left Rail, Back of Cab

BRAKE, PARKING {Bosch} DSSA Drum Type; 12" x 3", Spring Actuated; For Hydraulic Brake
Chassis With Air Source; Activated by Parking Brake Knob on Instrument Panel; Differential
Mounted
Includes: PARKING BRAKE CONTROL Applies Hydraulic Actuated Powered Park Brake

BRAKES, FRONT, HYDRAULIC DISC Quadraulic; Four 70mm Diameter Pistons
BRAKES, REAR, HYDRAULIC DISC Quadraulic; Four 70mm Diameter Pistons
AIR COMPRESSOR {Cummins} 18.7 CFM Capacity, with Tank for Air Source on Hydraulic
Chassis, with Air Pressure Gauge, Low Pressure Alarm and Wiring
PARKING BRAKE CONTROL For Automatic Actuation; Use With Allison 2000 Transmission,
With Dual Neutral, With Hydraulic Brakes, and Powered Parking Brakes

STEERING COLUMN Tilting
STEERING WHEEL 2-Spoke, 18" Dia., Black
STEERING GEAR {TRW (Ross) TAS40} Power

EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Under Right
Rail, Back of Cab, Includes Short Horizontal Tail Pipe
SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center
Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When
Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF

ELECTRICAL SYSTEM 12-Volt, Standard Equipment
Includes: BATTERY BOX Steel

- : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
- : FUSES, ELECTRICAL SAE Blade-Type
- : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover
- : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
- : JUMP START STUD Located on Positive Terminal of Outermost Battery
- : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
- : STARTER SWITCH Electric, Key Operated
- : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
- : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane
Change Feature
- : TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State
Flashers; Flush Mounted
- : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set
Delays), Integral with Turn Signal Lever
- : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
- : WIRING, CHASSIS Color Coded and Continuously Numbered

POWER SOURCE Cigar Type Receptacle without Plug and Cord
ALTERNATOR {Leece-Neville BLP4006HN} Brushless, 12 Volt 325 Amp. Capacity, Pad Mount,
with Remote Sense
BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab
at Left Frame;
Includes: Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground
and Sealed Connector for Stop/Turn

BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total
RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers, With CD Player
HORN, ELECTRIC Disc Style
BATTERY BOX Steel, with Plastic Cover, 25" Wide, 2 or 3 Battery Capacity, Mounted Right Side Under Cab
JUMP START STUD Remote Mounted
Includes: JUMP START STUD Mounted to Battery Box
HORN, AIR Black, Single Trumpet, Air Solenoid Operated
SWITCH, AIR HORN, PASSENGER Fire Truck Application; Momentary Switch Located in Instrument Panel Close to Passenger, Driver Also To Activate Switch at Steering Wheel
SOLENOID, AIR for Customer Use; Provides (1) Normally Closed Pilot Air Source, Approx. 4 CFM, Includes Latched Switch in Cab; Air Available Only With Key in "Ignition" or "Accessory" Position; Air Will Exhaust with Key in "Off" Position
Notes: To Be Used as a Pilot Air and NOT as an Air Supply.
WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time
HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights
TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection
INDICATOR, LOW COOLANT LEVEL With Audible Alarm
GRILLE Stationary, Chrome
FRONT END Tilting, Fiberglass, With Three Piece Construction
PAINT SCHEMATIC, PT-1 Single Color, Design 100
Includes: PAINT SCHEMATIC ID LETTERS "GA"
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
CLUTCH Omit Item (Clutch & Control)
ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL Engines
ENGINE, DIESEL {Cummins B6.7 260} EPA 2017, 260 HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM
Governed Speed, 260 Peak HP (Max)
FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On
Includes: FAN Nylon
RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 717 Sq In Louvered, With 313 Sq In Charge Air Cooler. With In-Tank Transmission Cooler
Includes: DEAERATION SYSTEM with Surge Tank
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps
: RADIATOR HOSES Premium, Rubber
AIR CLEANER With Service Protection Element
Includes: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel
OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
EMISSION COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies With California Clean Air Regulations
ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for Cummins ISB/B6.7 or ISL Engines
FEDERAL EMISSIONS {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2017

TRANSMISSION, AUTOMATIC {Allison 2500_EVS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; With PTO Provision, Less Retarder, With 33,000-lb GVW & GCW Max.,
Includes: OIL FILTER, TRANSMISSION Mounted on Transmission
: TRANSMISSION OIL PAN Magnet in Oil Pan
TRANSMISSION OIL Synthetic; 20 thru 28 Pints
SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming
PTO LOCATION No PTO
DIFFERENTIAL, LOCKING {Dana Spicer Truetrac} Torque Proportioning Limited Slip
Notes: Axle Lead Time is 90 Days
SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab
AXLE, REAR, SINGLE {Dana Spicer S16-130} Single Reduction, 15,500-lb Capacity, 190 Wheel Ends . Gear Ratio: 4.56
Includes: REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle
Notes: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System;
Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.
: When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance
SUSPENSION, REAR, AIR, SINGLE {International} Ride Optimized Suspension (IROS); 12,000-lb Capacity, 5.3" Ride Height, With Shock Absorbers
Notes: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
FUEL/WATER SEPARATOR Cummins Supplied on Engine, with 12 Volt DC Heater, with Water-in-Fuel Sensor
DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab
CAB Conventional
Includes: ARM REST (2) Molded Plastic; One Each Door
: CLEARANCE/MARKER LIGHTS (5) Flush Mounted
: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window
: CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel
: DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted
: GLASS, ALL WINDOWS Tinted
: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side
: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side
: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color
: STEP (4) Two Steps Per Door
AIR CONDITIONER, PROVISION FOR Accommodation Package, for Air Conditioning,
Includes (1) TransAir 512307 Compressor, With Mounting Kit and Compressor Drive Effects for Vehicle With Primary Compressor Mounting
GAUGE CLUSTER English With English Electronic Speedometer
Includes: GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter
: ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)
GAUGE, OIL TEMP, AUTO TRANS , for Allison Transmission
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
GAUGE, DEF FLUID LEVEL
SEAT, DRIVER {National} Non-Suspension, High Back With Integral Head Rest, Vinyl, With Fixed Back
GRAB HANDLE (2) Chrome Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry, Mounted Left and Right, Each Side at "B" Pillar

MIRRORS (2) {Lang Mekra} Styled; Rectangular, Power Both Sides, Thermostatically Controlled Heated Heads, Clearance Lights LED, Bright Finish Heads & Black Brackets, Breakaway Type, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing
 SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl
 CUP HOLDERS Omit, In Instrument Panel
 SEAT BELT All Red; 1 to 3
 AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster
 Includes: HEATER HOSES Premium
 : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps
 : REFRIGERANT Hydrofluorocarbon HFC-134A
 INSTRUMENT PANEL Center Section, Flat Panel
 WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
 KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)
 CAB INTERIOR TRIM Premium
 Includes: "A" PILLAR COVER Molded Plastic
 : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering
 : CAB SOUND INSULATION Includes Dash and Engine Cover Insulators
 : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets, CB Radio Pocket, Speakers, and Reading Lights
 : COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side
 : DOOR TRIM PANELS with Cloth Insert on Bolster Driver and Passenger Doors
 : FLOOR COVERING Rubber, Black
 : GAUGE, TEMPERATURE, AMBIENT Includes Wiring and Sensor With Display Unit Mounted in Cluster
 : HEADLINER Soft Padded Cloth
 : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section
 : STORAGE POCKET, DOOR (2) Molded Plastic (Carpet Texture), Full-Length; Driver and Passenger Doors
 : SUN VISOR (3) Padded Vinyl: 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side
 WHEEL, SPARE, DISC {Accuride 50180} 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted
 WHEELS, FRONT {Accuride 50180} DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
 WHEELS, REAR {Accuride 50180} DUAL DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
 TIRE, SPARE Equal to Model Standard
 Notes: NOTE: Only One Spare Tire per Truck Ordered. Order Must Reflect Number of Tires Required (Including Spare). 10-Digit Tire Code and Spare Rim/Wheel Code Must be Specified.
 BDY INTG, I/O EXPANSION HARNESS {for Diamond Logic Builder} In-Cab wire harness (DLB) program only, Includes a harness with five blunt cut wires routed on lower left of instrument panel. Two ground active inputs and two (.5Amp) relay drivers outputs are provided
 BDY INTG, HEADLIGHTS, WIG WAG High Beam Wig Wag With Park Brake Interlock, Park Brake Disables High Beam Wig Wag, Enables Low Beam Wig Wag
 (3) TIRE, FRONT 245/70R19.5 Load Range H XZE (MICHELIN), 619 rev/mile, 75 MPH, All-Position
 (4) TIRE, REAR 245/70R19.5 Load Range H XZE (MICHELIN), 619 rev/mile, 75 MPH, All-Position
 FUEL TANK 40 gallon, 16" deep, mounted under cab, left side, D shaped, polished aluminum

Services Section:

WARRANTY Standard for Durastar 1000/4000 Series, Effective with Vehicles Built January 2, 2015 or Later, CTS-2475P

Furnish and Install Dual Leveling Valve, ping tanks and bump stops Programming

Modify Exhaust to Exit LH Side In Front of Rear Tires

Furnish Triangle Kit and Fire Extinguisher

Furnish A/C Compressor Tie-In Parts

5 year transmission warranty

Furnish & install On-spot tire chains

Durastar hub cover kit (front & rear) tall hats & nut covers

Total of 2 key fobs (key & programming)

Furnish & install a Grover 1510 air horn on each chassis fender.

Furnish & install air horn foot switch on passenger side

Move Air Dryer to between the frame rails to provide a clean CA

PRE-DELIVERY PREPARATION AND CLEAN-UP, FUEL, AND DOT INSPECTION

Does Your Bid Comply? Yes _____ No _____

AA – 2.2

SPARE TIRE: A spare tire shall be provided and shipped loose. It shall match the tires specified for the vehicle.

AA – 2.3

REAR AXLE: The rear axle shall be of a heavy-duty truck type with full floating axle shafts. The rear axle and two (2) rear springs shall have a 15,500 lb combined rating at the ground. The rear axle ratio shall be 4.56 limited slip.

AA – 2.4

SHOCKS: Four (4) OEM heavy duty shocks shall be provided.

AA – 2.5

REAR SUSPENSION: An OEM 12,000 lb air rear suspension shall be provided.

Does Your Bid Comply? Yes _____ No _____

A.0 DRIVER'S COMPARTMENT AND CHASSIS ACCESSORIES:

- 1) APPOINTMENTS: The manufacturer's heaviest duty heating and air conditioning package must be used. The rearview mirror shall be a day/night visibility type. The vehicle shall be equipped with dual electric multi-speed, delay windshield wipers and washer mechanism. The seatbelt/shoulder harness mechanisms shall be encased with high impact plastic trim housing color keyed to match the driver's compartment. The balance of the driver's compartment trim shall be accomplished by the use of aluminum, carpet and cloth backed vinyl trim panels with 3/8" high-density foam padding.
- 2) HEADLINER: The factory OEM headliner in the drivers cab shall be retained and used.
- 3) SIGN: One (1) "NO SMOKING OXYGEN EQUIPPED" and "FASTEN SEATBELT" sign shall be shipped loose for the customer to install in the driver's compartment in a prominent location.
- 4) CAB FLOORING: The cab flooring shall be OEM supplied rubber flooring.

- 5) ENGINE BLOCK HEATER: The OEM chassis engine block heater shall be wired to the external 115 volt power source.
- 6) WHEELS: OEM Painted steel wheels with chrome Hub, High Hat and Lug Nut Covers. Wheels shall be dismantled and painted red to meet the chassis and module color. Wheels and tires shall be remounted and balanced.
- 7) MIRRORS: OEM mirrors, heated and remote controlled shall be provided.
- 8) VEHICLE WIRING: All insulated cable shall conform to SAE J1292 requirements and shall have type SXL high temperature thermoplastic insulation conforming to SAE J1127 and J1128. All wire shall be of a gauge size to carry 125% of the current required without overheating. All wires are to be color coded and stamped with the function of the circuit every four (4) inches for the continuous length of the line. Where practical, all wires shall be routed in high temperature looms with a rating of 300 degrees Fahrenheit. All conductors shall be annealed copper with machine crimps. Wiring harnesses shall be assembled and warranted by the vehicle manufacturer. NO EXCEPTIONS WILL BE ALLOWED. Additionally, this vehicle must meet or exceed AMD Standard 005, Ambulance 12 volt DC Electrical System.
- 9) ALTERNATORS: One (1) Leece-Neville 325 amp alternators, as included with the International chassis, shall be supplied. The alternator must be covered by the chassis manufacturer's warranty.
- 10) BATTERIES: There shall be three (3) "No Maintenance" 12 volt batteries. They shall total not less than 1,950 CCA with 270 minutes of reserve capacity. The batteries shall be located on a stainless steel tray that is provided in an enclosed housing under the right side cab entry door behind the step cover. There shall be NO battery disconnect switches or devices installed that in any way cut-off power to the International chassis. Any battery disconnect devices shall interrupt power to the ambulance module only. There shall be a new Commander 357 switch with a five-minute timer that controls power to the conversion module once the ignition has been turned on or off.
- 11) Chassis, fender mounted Grover 1510 air horns shall be installed by the OEM Chassis modification center. The air horns shall be activated by the steering wheel air horn button and (1) one floor mounted clam shell switch, located on the passenger side floor board. An additional switch shall be provide on the chassis cab console, labeled "Air Horn". The switch shall be located close to the passenger seat.
- 12) Two (2) New CPI model # SAD/SAP3803-08INT-1 siren speakers shall be provided and mounted in the chassis OEM front bumper.
- 13) One (1) new Whelen SA31I01D and one (1) new Whelen SA31I01P siren speaker shall be installed under the front bumper.
- 14) The street side dual step cover shall be a custom fitted, fire grade, polished aluminum diamond plate cover. The cover shall be bolted on and easily removable. All seams and corners shall be 100% Heliarc welded for strength and a finished appearance. The cover shall have two (2) lids with SouthCo Flip Latches, one (1) for DEF fill access and one (1) for fuel fill access. The step arrangement shall be determined at the time of the preconstruction meeting.

- 15) The curb side dual step cover shall be a custom fitted, fire grade, polished aluminum diamond plate cover and battery box. The enclosure shall include a stainless steel battery tray in an enclosed metal box. The metal box shall be finished inside and out with black paint. The ADP cover shall be mounted securely fastened to the battery box that allows removal of it to gain access to the battery's but yet is durable enough to withstand rigorous use. The removal of the cover shall slide out to allow full access to the batteries. The step cover shall have the same finish and appearance as the street side cover. The step arrangement shall be determined at the time of the preconstruction meeting.
- 16) Positive and negative remote jump studs shall be added to the passenger side cab step in a location and configuration similar to that on the newest department ambulances.

Does Your Bid Comply? Yes _____ No _____

A.1 DISMOUNT, INSPECT AND REPAIR CONVERSION OF MODULE

Remove Module from old chassis and inspect.

- 1) Inspect all exposed structure and framing for cracks, warpage, excessive corrosion. Repair as necessary.
- 2) Inspect and replace or modify as needed all tie down point brackets.
- 3) All mounting of new fixtures shall have all holes predrilled prior to module be painted to insure paint coverage on all bare aluminum.
- 4) Insure compartments of proper venting and drainage.

Does Your Bid Comply? Yes _____ No _____

A.2 REPAINTING OF MODULE:

- 1) Module windows, emergency lights, DOT lights, door handles, trim molding, drip rails, rub rails, wheel well trim rings, doors and door hinges and lettering shall be removed.
- 2) Entire body shall be scuffed and sanded to primer to allow for good new adhesion of new paint. Any areas of corrosion shall be sand blasted out, filled, epoxy treated and prepped like new specifications. The paint process shall be a PPG Delfleet 8 step process of 2 coats sandable epoxy primer, 2 coats base, 3 coats of clear coat with final step being full wet sand and buff to an orange peel free, high gloss finish.
- 3) Repaint red (to match chassis). Color shall match the Departments newest ambulance. (A color chip shall be provided for Customer color verification.)
- 4) Prior to reinstalling exterior components, Eck Corrosion Inhibitor shall be liberally applied to all openings and screw holes.
- 5) Reinstallation of module windows, emergency lights, DOT lights, door handles, trim molding, drip rails, rub rails, wheel well trim rings shall use isolation methods of nylon inserts, closed cell barrier tape or Eck. All items attached to the body shall be reinstalled to new specifications.

- 6) All hinges shall be inspected and replaced as necessary. Hinges being reused shall be cleaned and polished prior to re-installation.

Does Your Bid Comply? Yes _____ No _____

B.0 NEW CHASSIS PREPARATION

Modify New Chassis

- 1) Install a minimum of (10) 1/4" Steel Outrigger Body Mounting Brackets (5) to each side frame rails. The outriggers shall be bolted to the frame rails with (3) 5/8" grade 8 bolts. Under no circumstances shall the outriggers be welded to the frame rails. Outriggers shall be powder coated black prior to installation.
- 2) Remove cab rear window, install a painted smooth aluminum in its place. Install a new red painted steel cab flange on the rear wall for pass-through opening.
- 3) New trim and upholstery shall be installed to cab rear wall to match cab colors.
- 4) To further insulate and protect the patient compartment the ambulance manufacturer shall install 16 gauge steel heat shields on the chassis, three (3) shall be between the frame rails and body sub-floor, one (1) above the muffler, one (1) above the tail pipe where it crosses the rear axle housing and one (1) above the area where the tail pipe exits.
- 5) Clean, polish and reinstall with new fasteners all equipment from original chassis that will not be replaced.
- 6) All remaining components not scheduled to be replaced on the cab will be cleaned and inspected prior to reinstallation.
- 7) All metal finished parts will be polished to a like new bright shine.
- 8) Any component showing excessive wear or damage shall be brought to the Purchaser's attention. Purchaser shall determine action to be taken.

Does Your Bid Comply? Yes _____ No _____

C.0 MODULE REMOUNTING

Mounting

- 1) Place module on chassis. Position in square with frame and cab.
- 2) New Neoprene Isolation mounting pucks shall be installed with minimum grade 8 hardware mounting bolts. Minimum (10)
- 3) Bolt down tie down brackets and torque per specification.
- 4) Install a new rubber accordion boot seal between cab and modular body.
- 5) Install a 50% solution of chassis manufacturer approved antifreeze/water to heater and charge the A/C system. Pressurize and electronically leak test both systems.

- 6) Any components showing excessive wear or damage shall be brought to the Purchaser's attention. Purchaser shall determine action to be taken.
- 7) Grommet and Silicone seal all hoses harnesses to body entrance points.

Does Your Bid Comply? Yes _____ No _____

D.0 MODULE EXTERIOR, COMPARTMENTS AND DOORS

- 1) Clean and inspect all door components for excessive wear. Purchaser will be notified of any replacement costs.
- 2) Reinstall all compartment and entry door hinges with a 3M Flexiclear Corrosion Barrier between the hinge surface and the door and the hinge surface and the door jamb.
- 3) New closed cell weather strip shall be installed on all doors and frames per original design.
- 4) Replace all compartment and entry door rotary latches.
- 5) Doors and latches shall be adjusted and tested for proper alignment, sealing, closing and opening.
- 6) Provide and install new chrome Eberhard 21100 series door handles for all compartment and entry doors.
- 7) New Rear Heavy Duty Steel Sub Bumper. The sub frame shall be Acid dipped and then be black Epoxy Coated for a durable, rust inhibiting and corrosion resistant finish.
- 8) Two (2) new chrome tow eyes mounted in Cast Products recessed tow eye boxes shall be provided and installed in the module rear kick plate. The tow eyes shall be directly mounted to the chassis frame rails.
- 9) Replace all diamond plate with new ADP, including stone guards, kick plate, corner protection and rear bumper pods.
- 10) Replace rear center flip-up step with new Aluminum Diamond Plate Punched Raised Surface flip-up step.
- 11) Replace rub rails with a new extruded Brite aluminum "C" Channel rub rails. The rub rails shall have a ruby red reflective stripe installed in the center.
- 12) Replace all compartment door upper and lower sill thresholds with new brushed stainless steel sill plates.
- 13) New rear wheel well stainless steel fenderettes shall be supplied and installed.
- 14) One (1) new side entry door, Herr sliding window shall be provided and installed.
- 15) Two (2) new rear door, Herr solid/non-sliding shall be provided and installed.
- 16) New Gas Charged Strut Door Checks shall be provided and installed on all module doors.
- 17) Install new Brite Anodized Aluminum Drip Rails above each compartment and entry door.

- 18) A Customer supplied electric sliding side entry door step shall be installed.
- 19) One (1) .125" smooth aluminum, full height divider shall be provided and installed in the "A" compartment. The divider shall be covered in a gray Zolatone Coating.
- 20) Three (3) .125" smooth aluminum fixed shelves shall be provided and installed in the "A" compartment. The shelves shall be covered in a gray Zolatone Coating.
- 21) All exterior compartment lights shall be replaced with new TecNiq 4" round LED. Each light shall be installed with a new rubber grommet.
- 22) A stainless steel panel will be added to the floor of the inside/outside accessible equipment storage area of the ALS stack compartment above the area of the oxygen cylinder pass-through as shown in the reference photo.
- 23) A 2nd shelf will be added to compartment OSS #3 (fire gear compartment). The shelf shall have a 2" lip on back and 2" folded under lip on the front for support. The shelf should be mounted as far back into the compartment as possible so as not to interfere with equipment mounted on the compartment door.
- 24) A new stair chair pocket will be installed in compartment OSS #2.
- 25) A customer supplied new backup camera shall be installed on the rear of the module.
- 26) New front stone guards will be installed on the module.
- 27) Heat shields if needed shall be installed on the module body to shield it from heat from the exhaust and emissions system.
- 28) New magnetic door switches shall be installed in the outside compartments.
- 29) A new cover shall be installed on the Kussmaul auto-eject unit. The unit shall also be checked for functionality and the customer will be contacted if the unit needs to be replaced.
- 30) A new rear doorway kick plate / threshold will be installed.

Does Your Bid Comply? Yes _____ No _____

E.0 MODULE INTERIOR CABINETS, FLOOR, ENVIROMENT AND TRIM

- 1) Inspect all cabinets, walls and seats for missing rivets, screws and bolts. Check all cabinet door latches and hinges for proper and smooth operation. Tighten or replace as needed.
- 2) Install a new ACC 22090 rear heater and A/C unit. The unit must be capable of producing a minimum of 43,600 BTU heat, 32,000 BTU AC and 650 CFM of air distribution. A new front body mounted A/C Condenser shall be provided and installed. The unit shall be installed in the existing HVAC location using all new chassis manufacturer approved hoses, fittings, electronic shutoff valves, booster pump, clamps and solenoids from the engine to the units. The thermostat shall be controlled through the Weldon V Mux Vista screens.
- 3) Remove existing floor covering material. Inspect sub floor for any degradation, replace or repair as necessary. A new Lonseal Lonplate II floor material covering shall be installed.
Color: Gunmetal #424
- 4) The Sharps and Waste Lift up lid shall be refurbished and strengthened.

- 5) Replace all vinyl trim and all Squad Bench and CPR seat and seat backs. The color shall match the Attendant Seat and Seat Cushions.
- 6) Replace and provide a new EVS 1880 Vacuum Formed, Seamless Attendant Seat with integrated Child Safety Seat. The seat shall have a 3 point belt. Color: EVS Gunmetal
- 7) Replace and install a new EVS 2 position, swivel base for the Attendant Seat.
- 8) Replace all squad bench seat cushions and backrest with EVS seamless vacuum formed cushions. Color: EVS Gunmetal
- 9) Repair cracks in aluminum cabinets and blend finish with Zolatone splatter finish.
- 10) One (1) adjustable shelf shall be provided and installed in the cabinet above the street side action area.
- 11) New stainless steel entry door thresholds shall be provided and installed. Each shall be covered with a yellow and black striped safety grip tape.
- 12) Inspect and replace as necessary any cracked or broken Plexiglas.
- 13) Thoroughly clean entire interior of module using industrial strength solvents.
- 14) The existing ceramic heater under the squad bench will be removed.
- 15) A stainless steel panel shall be added to front/face of squad bench area as shown in reference photo.
- 16) A stainless steel panel shall be added to the lower section of the ALS stack below the interior access doors as shown in reference photo.
- 17) A stainless steel panel shall be added to the lower section of the medication drawer stack below the drawers as shown in reference photo.
- 18) A vent opening will be added in the PDQ in the area of the pass through window to provide ventilation to the Federal electronic Q siren as shown in the reference photo.

Does Your Bid Comply? Yes _____ No _____

F.1 CHASSIS WIRING

- 1) All add on primary charging cables and ends shall be replaced with "O" gauge or better SGX cable.
- 2) Copper crimp end connectors will be crimped, soldered and installed.
- 3) Water proof heat shrink material will be used on all exposed cable ends.
- 4) All previously used wire harnesses in chassis engine compartment shall be replaced with new harness of like design.
- 5) All cables shall be covered with automotive loom material.

- 6) All previous termination points of power, ground and or ant. coaxes for radios, computers, ect., shall remain the same in the new chassis unless otherwise requested different by the Department.

Does Your Bid Comply? Yes _____ No _____

F.2 MODULE WIRING

- 1) All secondary wiring and harnesses shall be inspected for excessive wear and customer will be notified if replacement is necessary.
- 2) All wiring shall be reinstalled using crimp type connectors.
- 3) All exposed wire and cables shall be covered with automotive loom material.
- 4) All wiring from service panel to the front console and chassis will be GXL rated or better and heat stamped with function name.

Does Your Bid Comply? Yes _____ No _____

F.3 ELECTRICAL SYSTEM AND SWITCHING COMPONENTS

- 1) The current Weldon V Mux system shall be tested and reused. Customer shall be notified of any deficiencies found.
- 2) All Weldon V Mux Vista Control Screens shall be factory refurbished by Weldon.

Does Your Bid Comply? Yes _____ No _____

F.4 CAB

- 1) A new cab console and map box built to match the consoles on the department's **newest** ambulances shall be constructed of aluminum and covered in a coordinated cab color. The slanted radio/siren mounting console in the existing vehicles as shown in the reference photo shall be reused. The console shall be secured to the floor in a manner to be determined at the time of the preconstruction meeting.
- 2) The cab mounted V Mux Vista Control Screen shall be installed on the chassis dash.
- 3) The multiplex controls for emergency lighting, scene lighting, and miscellaneous vehicle operations will be programmed to match the configuration of the department's newest ambulances.
- 4) Foot switches operating the air horn and Federal Q siren shall only operate when the emergency light master switch is ON and shall be disabled when the ambulance is in PARK.
- 5) Grill and intersection lights shall be programmed to go to a dim mode when the ambulance is in PARK.
- 6) Any components showing excessive wear or damage shall be brought to the Purchaser's attention.

- 7) All cab mounted electrical components shall be reinstalled, including Knox Key Secure and flashlights.
- 8) A Customer supplied Opticom Dome antenna shall be installed on the cab roof in a location as directed by the Customer.
- 9) USB outlets will be added to the dashboard as shown in the reference photo.
- 10) A label will clearly be placed on the dashboard in the vicinity of the OnSpot Chain System switch advising maximum speed when chains are engaged. Exact location of label will be determined during the mid-construction inspection.
- 11) A Customer supplied MDC antenna shall be installed on the cab roof in a location as directed by the Customer.

Does Your Bid Comply? Yes _____ No _____

F.5 MODULE ELECTRICAL COMPONENTS

- 1) Provide and install a new weather proof hidden door unlock switch in the driver side of the chassis grille area.
- 2) Inspect and insure all compartment lights are functioning. Replace any bulbs as necessary.
- 4) Provide and install (6) new 8" Whelen LED interior module hi/lo dome lights.
- 5) Provide and install (10) new TecNiq 42 LED 18" panel lights with switch, shall replace the existing 39" fluorescent lights.
- 6) The Check Out switch shall be removed and a new Motion Sensor shall be provided and installed. The motion sensor shall activate the ceiling mounted panel lights only.

Does Your Bid Comply? Yes _____ No _____

G.0 LIGHTING SYSTEMS

DOT

- 1) All ICC clearance lights shall be reused. The light lenses shall be polished. Any deficiencies found will be brought to the attention of the Purchaser.
- 2) Provide and install new Whelen 600 series clear Max-LED back-up lights on the lower, rear module kick plate area. The back-up lights shall be directly inboard of the tail/stop lights. Each light shall be provided with an integral chrome flange.
- 3) New Whelen 600 series LED progressive turn arrow lights shall be provided and installed on the front module. Lights shall be provided with chrome bezels.
- 4) Eight (8) new TecNiq E10 LED underbody lights with stainless steel mounting brackets shall replace the existing halogen underbody, ground lights.

- 5) Provide and install two (2) new TecNiq E13 2" LED lights for rear bumper illumination. Each light shall be provided with a new rubber grommet.
- 6) All remaining DOT lights shall be tested and reinstalled. All lenses and bezels shall be polished prior to installation.

Does Your Bid Comply? Yes _____ No _____

EMERGENCY LIGHTING

- 1) Grille Lights: Provide and install two (2) new Whelen 700 Series, red super LED's grille lights with clear lenses. Two (2) new Cast Products bezels applicable for the chassis shall be provided and installed.
- 2) Intersection Lights: Provide and install two (2) new Whelen 700 series red super LED's with clear lenses intersection lights shall be installed, one (1) on each front chassis fender area. Each light shall be provided with chrome bezels.
- 3) The existing chassis cab mounted light bar shall be tested, have all the lenses polished and be reinstalled on the new chassis. Any deficiencies found will be brought to the attention of the Purchaser.
- 4) The existing rear module mounted light bar shall be tested, have all lenses polished and be reinstalled in the same location on the module. Any deficiencies found will be brought to the attention of the Purchaser.
- 5) Provide and install two (2) new Whelen 900 series red super LED's with clear lens on the rear module, replacing existing mid-height lights. Provide with new integral chrome flanges.
- 6) Provide and install two (2) new Whelen 700 series, red LED with clear lenses for the side body wheel well lights. Each light shall be provided and installed with a new chrome bezel.
- 7) Provide and install four (4) new 900 series red lenses only for the upper side body lights.
- 8) All remaining emergency lights shall be tested, lenses and bezels polished and reinstalled.

Does Your Bid Comply? Yes _____ No _____

SCENE LIGHTING

- 1) Provide and install four (4) new Whelen 900 series Scene light lenses only.
- 2) Provide and install a Whelen Pioneer Brow Light, model PFP1B with PBAINTC bracket. The bracket shall be painted red to match the chassis and module. The light shall be activated by a switch on the front dash labeled "Brow Light".

Does Your Bid Comply? Yes _____ No _____

H.0 AUDIBLE AND VISUAL SYSTEMS

Siren

- 1) Test and Re-install in the front console the existing Federal Signal EQ2B FM 200 watt siren control unit with flush mounted control head. Two (2) clam shell switches shall be installed, one (1) on the driver side and one (1) on the passenger side. Additionally one (1) momentary style switch shall be located next the console mounted air horn momentary switch.
- 2) A new Whelen 295-HFSA7 remote dual siren amplifier and siren control head (to match the same siren used in the department's newest ambulances) shall be included in the bid price. The control head will be installed in the center overhead chassis cab console.

Back-up Alarm

- 1) A new audible and DOT approved back up alarm shall be installed. The alarm shall have a disable switch that automatically resets. An on/off switch is not acceptable.

Does Your Bid Comply? Yes _____ No _____

I.0 RADIO COMMUNICATION

- 1) The radio modules, control heads, speakers and microphones shall be reinstalled in locations as directed by the department.
- 2) Reinstall the department cab mounted computer stand. Provide a 12 volt power and ground for the computer.

Does Your Bid Comply? Yes _____ No _____

J.0 MEDICAL SYSTEMS

Oxygen System Inspection

- 1) Inspect oxygen system for proper operation.
- 2) The low oxygen alarm on the multiplex system shall be set so as to alarm when the main oxygen cylinder pressure reaches 300 psi.
- 3) Pressure test and repair leaks.
- 4) Recertify per KKK 1822 Specifications

Suction System

- 1) The existing SCCORT VX2 Self Contained Suction unit with 12 VDC Charging Retention Bracket shall be reused.
- 2) Provide and install a new smooth aluminum formed box to replace the existing ABS recessed box. The new box shall be finished in color coordinated Zolatone splatter paint.

Does Your Bid Comply? Yes _____ No _____

K.0 LETTERING, FINAL FINISH AND QUALITY ASSURANCE

Inspection and Testing

- 1) All systems and functions shall be inspected for exceptional quality and flawless performance.
- 2) The ambulance will be test driven for street and highway operation a minimum of 40 miles.
- 3) The fuel fill will be tested for proper flow and the fuel tank filled to full.
- 4) A small bag of loose fasteners as used to mount or secure equipment in the ambulance shall be included when the vehicle is delivered.

Does Your Bid Comply? Yes _____ No _____

Lettering and Graphics

- 1) All striping, lettering and SOL package shall be provided and installed to match the department's newest ambulance.
- 2) Install a (2) color 3M Diamond Grade rear body Chevron. The chevron shall be installed on the entire rear module wall.
- 3) Gerber Vision Window perf shall be provided on the rear door windows.

Does Your Bid Comply? Yes _____ No _____

Final Finish

- 1) Prior to department inspection and delivery. The ambulance shall be thoroughly cleaned and detailed inside and out. The exterior shall be buffed to a high gloss finish.
- 2) Touch up paint and paint color codes will be provided.
- 3) Vehicle shall be weighed and apply AMD Weights, Recertification, Electrical Test and Paint Stickers.
- 4) No Smoking and Fasten Seat Belts Signage shall be shipped loose for customer to install in the cab and modules areas.

Does Your Bid Comply? Yes _____ No _____

Quality Assurance

- 1) Visual Inspection of cabinets sliding/hinged cabinet doors, moldings, flooring, walls, headliner, cushions, etc.
- 2) Visual inspection of exterior paint, decals, lettering, etc.
- 3) Operational inspection of all electrical systems. Consisting of tests of battery voltage, electrical load tests, alternator output, beacons, flashers, siren, interior lighting, compartment lighting, power exhaust vent, scene lights, load lights, chassis lights, silent signal lights/buzzer, heat/cool unit and any electrical devices as furnished by manufacturer. The current requirements of each device tested must be noted on an inspection sheet together with the total current requirements.
- 4) The oxygen system shall be tested to meet the requirements as listed in those individual sections of this specification. Test data indicating temperature, pressure, timing, flow, etc. shall be recorded.
- 5) All fluid levels shall be checked and filled to capacity.

Does Your Bid Comply? Yes _____ No _____

L.0 TRADE ALLOWANCE

- 1) A trade allowance for the 2006 International 4300 chassis on each ambulance to be remounted shall be shown on the Bid Proposal Form.

Does Your Bid Comply? Yes _____ No _____

M.0 OPTIONAL ITEMS

The following items shall be line itemed and bid individually so the Department may pick and chooses these additional items at their discretion.

- 1) Discount for chassis prepay at time of contract.

Discount: _____ Chassis Prepay Amount: \$ _____

- 2) Remove and polish aluminum wheels off of current ambulance chassis, mount new tires, balance and install on new chassis. Mount old tires on steel rims from new chassis and install on old chassis.

\$ _____

- 3) Provide and install non-polished aluminum wheel rims for inner rear dualies.

\$ _____

- 4) Provide and install four (4) new customer supplied Whelen 900 series Super LED Scene lights.

\$ _____

- 5) Provide and install a new Whelen Justice light bar to match the existing light bar. \$ _____
- 6) Provide and install a new Whelen 4500 Flush Mount rear light bar to match the existing light bar. \$ _____
- 7) Reinstall the existing FireCom headset system in the cab and module of ambulance. \$ _____
- 8) Install Customer Supplied Stryker PowerLoad in customer specified location. \$ _____
- 9) Provide and install all floor plates for a Transafe Bariatric System. This shall include providing and installing a power pigtail with Anderson plug. \$ _____

SECTION 3
BID PROPOSAL AND SIGNATURE SHEET

Price Per Vehicle: _____

Total Bid Price for Two (2) Vehicles: _____

**Trade-In Allowance Per
2006 International 4300 Chassis:** _____

**Estimated Number of Days To
Complete Project Following Receipt Of Order:** _____

By signing this bid, the bidder has certified that this bid is made without any understanding, agreement, or connection with any other person, firm or corporation making a bid for the same purpose and that his bid is in all respects fair and without collusion or fraud.

The bidder or his duly authorized agent will sign this page in the space provided below signifying that he has read the proposal and specifications and understands them.

If the bidder has any additions, alterations, or correction to make to this proposal or specifications, he is asked to list them on a plain white sheet of 8 1/2" x 11" paper and affix them firmly to this proposal.

COMPANY NAME

ADDRESS

CITY-STATE-ZIP

MAIN PHONE NUMBER

EMERGENCY CONTACT NUMBER

NAME OF AUTHORIZED REPRESENTATIVE

TITLE

SIGNATURE

DATE SIGNED

SECTION 4

Experience Statement

Understanding HB 694 Ohio's Pay to Play Law

Affidavit in Compliance with Section 3517.13 of the ORC

Affidavit in Compliance with ORC 9.24

**Declaration Regarding Material Assistance / Nonassistance
To Terrorist Organization**

Bid Guaranty

Personal Property Tax Affidavit

EEO/Affirmative Action Statement

EEO Affidavit

Non-Collusion Affidavit

EXPERIENCE STATEMENT

The Bidder is required to provide a list of work similar to that in the proposed project.

PROVIDE A LIST OF 6 SIMILAR AMBULANCE REMOUNTS THAT HAVE BEEN DELIVERED TO AGENCIES WITHIN 250 MILES OF MIAMI TOWNSHIP (CLERMONT COUNTY), OHIO WITHIN THE LAST 2 YEARS

If There Are Not 6 Within 250 Miles, Provide The Names Of The 6 Closest Agencies

Please list: Agency Name, Contact Person, City and State, and Telephone Number

Agency Name: _____

Contact Person: _____ Phone #: _____

City and State: _____

Agency Name: _____

Contact Person: _____ Phone #: _____

City and State: _____

Agency Name: _____

Contact Person: _____ Phone #: _____

City and State: _____

Agency Name: _____

Contact Person: _____ Phone #: _____

City and State: _____

Agency Name: _____

Contact Person: _____ Phone #: _____

City and State: _____

Agency Name: _____

Contact Person: _____ Phone #: _____

City and State: _____

Understanding HB 694 Ohio's Pay to Play Law

Passed at the end of the 126th General Assembly, HB 694 became effective April 4, 2007. As introduced and passed by the Ohio House, the bill tightened the restrictions on pay to play contracting for vendors seeking state contracts. Amendments added by the Ohio Senate without input from political subdivisions extended these restrictions to contracts awarded by local governments, including boards of township trustees, boards of education and county commissioners.

Under the new law, any bid or unbid contract, purchase order or collective bargaining agreement with a value of more than \$500 will require the vendor to certify to the contracting authority that the vendor has not made a contribution to the contracting authority in an amount that exceeds the limits provided by law. The limits are \$1000 per an individual and \$2000 for individuals, partners and shareholders of the same firm. The contributions are aggregated among owners, partners, family members and shareholders so that even if the contributions are less than \$1000 they may trigger the prohibition if they exceed \$2000 in the aggregate. Labor organizations, public contributing entities affiliated with labor organizations, and PAC's affiliated with businesses are all subject to the contribution limits.

For any contract awarded to an individual, partnership, other unincorporated business, association including a professional association, estate, or trust, the following must certify they have not exceeded contribution limits:

- The individual
- Each partner or owner of the partnership or unincorporated business
- Each shareholder of the association
- Each administrator and each executor of the estate
- Each trustee of the trust
- Each spouse of any of the preceding persons
- Each child 7-17 years of age of any of the preceding persons

Any combination of the persons listed above

In the case of contracts awarded to a corporation or business trust, the following must certify they have not exceeded contribution limits:

- Each owner of more than 20% of the corporation or business trust
- Each spouse of an owner or more than 20% of the corporation or business trust
- Each child 7-17 years of age of any of the preceding persons
- Any combination of the persons listed above

Campaign contribution limitations apply during the term of each contract and for one year following termination of the contract. The law has a 2 year look back provision that includes campaign contributions, however, for purposes of complying with the new law only contributions made after January 1, 2007 are considered. The campaign contribution limitations also apply to candidates running for an office from the date a candidate files for an office in the same manner as the holder of an office.

Penalties for an office holder who solicits a contribution from the holder of a government may be charged with a first degree misdemeanor. Knowingly accepting a contribution from a vendor who has a government contract with the contracting authority worth more than \$500 requires that the contribution be returned.

Penalties for the vendor are up to a \$1000 fine and rescission of the contract. Vendors who hold government contracts and make campaign contributions in excess of the limits provided by law may be subject to a penalty equivalent to 3 times the excess amount and may have their contract rescinded by the Ohio Elections Commission. Finally, a vendor that makes a false statement on a certification form or an affidavit that certifies to the government that they have not exceeded the campaign limitations is subject to prosecution for a fifth degree felony and will have their contract rescinded.

**BID GUARANTY
(To Accompany Bid Proposal)
(Section 153.571 Ohio Revised Code)**

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned

as Principal and (Names and Address)

As Surety (Name of Surety)

are hereby held firmly bound unto the Miami Township Trustees, hereinafter called the Obligee, in the penal sum of the dollar amount of the bid submitted by the Principal to the Obligee on _____, 2017 to undertake the Project known as:

**MIAMI TOWNSHIP
REMOUNT TWO (2) BRAUN AMBULANCES
ONTO NEW INTERNATIONAL CHASSIS**

The penal sum referred to herein shall be the dollar amount of the Principal's bid to the Obligee, incorporating any additive or deductive alternate proposals made by the Principal on the date referred to above to the Obligee, which are accepted by the Obligee. In no case shall the penal sum exceed the amount of _____ dollars (\$_____).

For the payment of the penal sum well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns. If the foregoing blank is not filled in, the penal sum will be the full amount of the principal's bid including alternates. Alternatively, if the blank is filled in, the amount stated must not be less than the full amount of the bid including alternates, in dollars and cents. A percentage is not acceptable.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named Principal has submitted a bid on the above referred to project;

NOW, THEREFORE, if the obligee accepts the bid of the principal and the Principal fails to enter into a proper contract in accordance with the bid, plans, details, specifications, and bills of material; and in the event the Principal pays to the Obligee the difference not to exceed ten (10) percent of the penalty hereof between the amount specified in the bid and such larger amount for which the Obligee may in good faith contract with the next lowest bidder to perform the Work covered by the bid; or in the event the Obligee does not award the contract to the next lowest bidder and resubmits the Project for bidding, the Principal will pay the Obligee the difference not to exceed ten (10) percent of the penalty hereof between the amount specified in the bid, of the costs, in connection with the resubmission, or printing new Contract Documents, required advertising and printing and mailing notices to prospective bidders, whichever

required advertising and printing and mailing notices to prospective bidders, whichever is less, then this obligation shall be void, otherwise to remain in full force and effect. If the Obligee accepts the bid of the Principal and the Principal within ten (10) days after the awarding of the contract, enters into a proper contract in accordance with the bid, plans, details, specifications, and bills of material, which said contract is made a part of this bond the same as though set forth herein; and

IF THE SAID Principal shall well and faithfully perform each and every condition of such contract; and indemnify the Township against all damage suffered by failure to perform such contract according to the provisions thereof and in accordance with the plans, details, specifications, and bills of material therefore; and shall pay all lawful claims of subcontractors, materialmen, and laborers, for labor performed and materials furnished in the carrying forward, performing, or completing of said contract; we agreeing and assenting that this undertaking shall be for the benefit of any materialman or laborer having a just claim, as well as, for the Obligee herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

THE SAID Surety hereby stipulates and agrees that no modifications, omissions, or additions, in or to the terms of said contract or in or to the plans and specifications therefore shall in any wise affect the obligations of said Surety on this bond and it does hereby waive notice of any such modifications, omissions or additions to the terms of the contract or to the work or to the specifications.

SIGNED AND SEALED this _____ day of _____, 2017.

PRINCIPAL:

SURETY:

BY: _____

Attorney-in-fact

TITLE: _____

Surety Company Address

City State Zip

Surety Agent's Name

Address

City State Zip

PERSONAL PROPERTY TAX AFFIDAVIT

State of _____)

SS:

County of _____)

I, _____, after being duly cautioned and sworn hereby state that I am

_____ of _____
(Title) (Company)

and that said company, officer, owner, or partner of said is not charged with any delinquent personal property taxes on the general tax list of personal property in Clermont County, Ohio or that said company, officer, employee, or partner is charged with delinquent taxes in the amount of:

(Company)

(Affiant)

Sworn to before me subscribed in my presence this _____ day of _____, 2017.

Notary Public _____

County of: _____ State of: _____

My commission expires _____

EEO/AFFIRMATIVE ACTION STATEMENT

Miami Township, Clermont County, Ohio, pledges to provide equal opportunity without regard to race, color, creed, national origin, sex, age, or disability. This pledge applies to all employees and applicants for employment in connection with hiring, placement, upgrading, transfer or demotion; recruiting, advertising or solicitation for employment; treatment during employment; rates of pay or other forms of compensation; selection for training; layoff or termination of employment.

Miami Township, Clermont County, Ohio, pledges to provide equal opportunity without regard to race, color, creed, national origin, sex, age, or handicap to all interested bidders who are interested in submitting a bid for said Township.

This statement is made in accordance with Title VI of the Civil Rights Act of 1963, Executive Order 11246, dated September 23, 1965, Executive Order 11375, dated October 13, 1969, and with Title I of the Americans with Disabilities Act of 1990.

EEO AFFIDAVIT

State of _____)
County of _____) SS:

I, _____, being duly sworn hereby states that I am
(Affiant)
_____ of _____
(Title) (Company)

and that said Company pledges to provide equal opportunity to all employees or applicants for employment without regard to race, color, creed, national origin, sex, or age. Said pledge applies to all matters pertaining to employment including hiring, placement, upgrading, transfer, demotion, removal, recruitment, pay, training, and layoff. This statement is made in accordance with Title VI of the Civil Rights Act of 1963.

Affiant

Sworn to before me subscribed in my presence this ____ day of _____, 2017

Notary Public

County of _____, State of _____

My commission expires _____

