



CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPT.
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

Bid No. 9199-08-E

REQUEST FOR BID

Closing Date: **March 13, 2008**
@ 3:00 pm P.S.T.

Subject: Furnish the City of San Diego with D.U.I. Enforcement Vehicle

Timeline: As may be required for a period of one (1) year from date of award, in accordance with the attached specifications.

Company _____

Name _____

Federal Tax I.D. No. _____

[PRINT OR TYPE]

Street Address _____

Signature* _____

City _____

Title _____

State _____ Zip Code _____

Date _____

Tel. No. _____ Fax No. _____

**Authorized Signature: The signer declares under penalty of perjury that she/he is authorized to sign this document and bind the company or organization to the terms of this agreement.*

E-Mail _____

**SUBMITTED BIDS MUST HAVE AN ORIGINAL
SIGNATURE.**

If your firm is not located in California, are you authorized to collect California sales tax? _____ Yes _____ No

If Yes, under what Permit # _____

Cash discount terms _____ % _____ days. [Terms of less than 20 days will be considered as Net 30 for bid evaluation purposes.]

City of San Diego Business Tax License #: _____

State delivery time required: _____ days after receipt of order.

FOR CONSIDERATION AS A RESPONSIVE BID, THE FOLLOWING IS REQUIRED:

- 1) Bid must be submitted on official City bid forms.
- 2) All information on this Request for Bid cover page must be completed.
- 3) This cover page must be signed with an original signature.
- 4) Beginning January 1, 2008, all bidders must complete the Vendor Registration Form. Eventually, this form will also be available for on-line submittal.
- 5) Bid must be submitted on or before the exact closing date and time. Bid received after the exact closing date and time will NOT be considered. If hand delivering, please allow enough time for travel and parking to submit by the closing date and time.

FOR FURTHER INFORMATION CONCERNING THIS BID, PLEASE CONTACT:

BEVERLY ASBILL-GUMBS/muw, Procurement Specialist

Phone: (619) 236-5923

Fax: (619) 533-3225

E-mail: BAsbillGumbs@san diego.gov

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I. PRICING PAGE

Item No.	Qty	U/M	Description	Unit Price
1.	1	EA	DUI ENFORCEMENT VAN Chassis: Make: _____ Model: _____ Van Body: Make: _____ Model: _____	\$
2.	1	EA	Delivery Charge Is Delivery Taxable: Yes _____ No _____	\$
3.	1	EA	Performance Bond Premium	\$
TOTAL:				\$

II. SPECIFIC PROVISIONS

A. QUESTIONS AND COMMENTS

Questions and comments regarding this bid must be submitted in writing to City of San Diego, Purchasing & Contracting Department, ATTN: Beverly Asbill-Gumbs, 1200 Third Avenue, Suite 200, San Diego, CA 92101; or by fax to (619) 533-3225; or by e-mail to BAsbillGumbs@sandiego.gov, no later than 5:00 p.m. on Thursday, March 6, 2008.

B. AWARD

This bid shall be awarded on an item by item basis, or in any group or combination of items, or as a lot, as may be in the best interest of the City.

C. SUBMITTALS

1. BID SUBMITTAL

Bids must be returned in a sealed envelope to the Purchasing & Contracting Department, 1200 Third Avenue, Suite 200, San Diego, CA 92101. The bid number and closing date/time must be referenced on the outside of the envelope (lower left corner). Bids must be received by the Purchasing Reception Desk prior to bid closing at 3:00 p.m. on bid closing date. Faxed bids will not be accepted.

The original and three (3) copies of bid, including any attachments, shall be submitted.

2. SUBMITTALS REQUIRED WITH BID

Failure to provide the required submittals with the bid shall be cause for the bid to be rejected as non-responsive.

- a. Recycled Material Certificate (as specified in Section II, paragraph F).
- b. Energy Efficiency Certificate (as specified in Section II, paragraph G).
- c. Bidder's References (as specified in Section II, paragraph H, item 1).
- d. Bidder's Statement of Subcontractors (as specified in Section II, paragraph H, item 2).
- e. Vendor Registration (use form on pages 34-35)

3. SUBMITTALS REQUIRED UPON PROVISIONAL AWARD

Failure to provide the following documentation within the time period specified may be cause for the provisional award to be voided and the bid to be rejected as non-responsive.

- a. Insurance and Bond Requirements as specified in City of San Diego General Provisions, Section II, paragraph D, if not currently on file.
- b. Taxpayer Identification Number (W-9) as specified in City of San Diego General Provisions, Section C, paragraph 15, if not currently on file.
- c. Business Tax License as specified in Section II, paragraph J, if not currently on file.

D. INSURANCE REQUIREMENTS

All required insurance shall be submitted to Purchasing within ten (10) days of provisional award. Failure to provide the insurance certificates within the time frame specified by the City shall be cause for the bid to be rejected as non-responsive. Contractor shall maintain insurance in full force and effect during the entire period of performance under contract. Failure to do so shall be cause for termination of the contract.

All policies must have a thirty (30) day non-cancellation clause giving the City thirty (30) days prior written notice in the event a policy is canceled.

At the end of each contract year, the City reserves the right to review insurance requirements and to require more or less coverage depending upon assessment of the risk, the Vendor's past experience, and the availability and affordability of increased liability insurance coverage.

Insurance coverage must be from an insurance carrier licensed in the State of California and rated "A" or better by the A.M. Best Key Rating Guide.

The following coverage is required:

1. Commercial General Liability for a minimum of one million dollars each occurrence (\$1,000,000.00 EO). The City of San Diego must be named as an additional insured on the certificate.
2. Workers' Compensation coverage in accordance with the laws of the State of California. Policy must contain a Waiver of Subrogation of Rights against the City of San Diego.

E. PERFORMANCE BOND

The Contractor shall be required to furnish the City of San Diego with a surety bond executed by a surety company authorized to do business in the State of California, and approved by the City of San Diego, in a sum equal to 100% of the Contract amount, conditional for the performance of the Contract.

The performance bond shall be submitted to Purchasing within ten (10) days of request. Failure to provide the bond within the time frame specified by the City shall be cause for the bid to be rejected as non-responsive. The bond shall be maintained by the Contractor in full force and effect during the entire period of performance under contract. Failure to do so shall be cause for termination of the contract.

F. RECYCLED MATERIAL CONTENT

City Council Policy No. 100-14 allows for a \$5,000.00 price preference per contract for products which are made partially or fully from recycled material(s). This preference will be applied during the bid evaluation for each contract. Please submit proof, such as a Recycled Material Certificate, Material Safety Data Sheet, or other with your bid.

Please specify the recycled material and the percentage of recycled material used (if any) in the product bid:

Type of recycled material: _____

Percent of recycled material used: _____

G. ENERGY EFFICIENCY PROGRAM

The City of San Diego is committed to purchasing Energy Efficient Products. To enable the City to evaluate products offered, Bidders shall submit with their bids proof of certification of the product's energy efficiency and/or analysis which illustrates potential cost savings. Certification shall be from an Energy Efficiency Program such as the U.S. Environmental Protection Agency's Energy Star Efficiency Program.

H. REFERENCES/QUALIFICATIONS

Bidders are required to demonstrate successful performance for work of similar size and scope as specified in this contract during the past three (3) years. Bidders must also demonstrate that they are properly equipped to perform the work as specified in this contract.

To enable the City to evaluate the responsibility, experience, skill, and business standing of the Bidder, the following documents must be included with the bid submittal:

1. Bidder's References (use form on page 32).
2. Bidder's Statement of Subcontractors (use form on page 33).

I. GENERAL PROVISIONS

Except as otherwise specified herein, the City of San Diego General Provisions, dated January 3, 2005, (on file in the Office of the Purchasing Agent) are incorporated as part of this bid and any resulting contract by reference. The General Provisions are available online at www.sandiego.gov/purchasing or via request from the Purchasing & Contracting Department by calling (619) 236-6000.

By signing and/or authorizing the bid submittal, the Bidder/Proposer acknowledges that they have read and understood the meaning, intent and requirements of said General Provisions; and acknowledge said General Provisions are included as a part of this bid.

J. BUSINESS TAX LICENSE

Any company doing business with the City of San Diego is required to comply with Section 31.0301 of the San Diego Municipal Code regarding Business Tax. For more information please visit the City of San Diego website at www.sandiego.gov/treasurer/ or call (619) 615-1500.

The City requires that each vendor to provide a copy of their Business Tax License, or a copy of their application receipt. Failure to provide the required documents within ten (10) business days of the City's request may result in a Bid being declared non-responsive and rejected.

III. SPECIFICATIONS

A. SHOP DRAWING

1. A drawing of the proposed vehicle shall be provided for approval before construction begins.
2. No construction shall begin until the City has approved the drawings.
3. The finalized and approved drawing shall become part of the contract documents.
4. This drawing shall indicate the chassis make and model, location of the lights, siren, horns, compartments, major components, etc.
5. A "revised" approval drawing of the vehicle shall be prepared and submitted showing any changes made to the approval drawing.

B. DESIGN MEETINGS AND INSPECTION

The contractor will be required to meet with Police representatives in San Diego to determine final design and layout of vehicle, shelf measurements and location, and location of all accessories.

C. FEDERAL AND STATE REGULATION COMPLIANCE

All vehicles shall comply with all applicable State of California Motor Vehicle Code requirements and all applicable Federal Motor Vehicle Safety Standards.

D. WARRANTIES

Two (2) year unlimited mileage against defects in materials or workmanship.

Basic Warranties:

Basic Chassis-2 years or 24,000 miles.
Alliance Batteries-1 year or 24,000 miles.
Drivetrain-3 years or 50,000 miles.
Frame Rails-5 years or 100,000 miles.
Crossmembers-5 years or 100,000 miles.
Brightwork-6 months or 24,000 miles.
Chassis Paint-6 months or 24,000 miles.
Corrosion-6 months or 24,000 miles.

Extended Warranties: Extended Engine-5 years or 300,000 miles,
no deductible.
Extended Transmission-5 years or unlimited miles,
no deductible.
Extended Axles-5 years or 50,000 miles,
no deductible.
5 years/50,000 mile warranty, 12 months/12,000
miles component warranty.

Copies of all applicable warranties and cost for extended warranties shall be submitted with the bid.

E. TRAINING

1. Upon arrival at City facility, one factory-authorized representative shall perform the following training schedule.
 - a. Four (4) hours training for instructors.
 - b. Four (4) hours for drivers, operators, maintenance personnel, and other personnel with instructors present to provide further training.
2. Training subjects to include:
 - a. Generator/Shore power systems use and maintenance.
 - b. 12VDC and control systems use and maintenance.
 - c. Communications systems use and maintenance.
 - d. Audio/Video systems use and maintenance.
 - e. Water systems start-up and shut-down procedures with simulation exercises.

F. VEHICLE LINE SHEET

The successful Bidder shall provide upon delivery of each unit, a copy of the factory/OEM line sheet indicating parts identification particular to the delivered unit.

G. VEHICLE/EQUIPMENT REGISTRATION AND LICENSE PLATES

The Contractor shall obtain the exempt registration and license plates.
The legal registration title shall be as follows:

City of San Diego
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

City Equipment I.D. No. _____

Prior to applying for Exempt "E" license plates, the Contractor shall contact the Police Equipment Coordinator at (619) 527-6022 to obtain a City of San Diego Equipment identification number for each vehicle/equipment. This number must appear on the final registration certificate.

H. DELIVERY

To optimize Police Department labor requirements, equipment delivery shall be scheduled in advance. The successful Bidder, upon receipt of City Purchase Order, and prior to submittal of factory order, shall contact Mark McCullough, the Grant administrator at (858) 495-7822, to establish delivery date.

The equipment shall be delivered complete and ready for operation. It shall be fueled and completely lubricated, and all pre-delivery services shall have been performed. Delivery time is Monday through Friday, 10:00 a.m. to 3:00 p.m.

The City will not pay for any equipment that is not delivered as specified in the bid. Conformity to equipment specification and the subsequent equipment acceptance date will be determined by the Police Department Contractor Administrator. Payment terms will be based on date of acceptance by the City.

I. EMISSION REQUIREMENTS

The City acknowledges that state and/or federal emissions requirements that are applicable during the term of this contract may change at any time during this contract and such changes may include equipment alterations and/or equipment upgrades to the specifications herein. The Contractor shall be responsible for immediately notifying the City in writing of any state and/or federal changes in emissions requirements occur. In cases where these changes require a price increase, the contractor shall notify the City immediately of such increase in writing and shall provide detailed supporting documentation to justify the requested increase. The contractor must include details of any special equipment and/or equipment upgrades that are mandated for installation as a result of the change in emissions requirements. The requested increase will be evaluated by the City, and the City reserves the right to accept or reject, based on whether it is determined by the City to be fair and reasonable.

J. ENGINE EMISSIONS

All items offered shall meet the most recent applicable engine emissions regulations and requirements of the Environmental Protection Agency (EPA) at all times throughout the term of this agreement, including but not limited to the upcoming applicable 2007 calendar year EPA engine emissions regulations and requirements

IV. SPECIFICATIONS

It is the intent of these specifications to describe a new D.U.I Vehicle to be used by the San Diego Police Department.

Successful bidder will be required to provide shop drawings per Section III, paragraph A.

Unless the specifications indicate that there are no exceptions for listed equipment bidders may offer next generation, or equal equipment, but must include with their bid complete specifications of proposed equipment.

A. CHASSIS

Chassis Type:	Current model year Freightliner MT-55 forward control walk-in.
GVWR:	29,000 lbs.
Frame:	50,000 psi steel frame. 5/16" X 2 13/16" X 9 1/8" steel frame. RBM=540,000 lb/ft/rail, 1,080,000 total. Constructed with grade 8 bolts. 10.8 cu. in. frame rail section modules. Heavy-duty dog-bone cross members.
Wheelbase:	276"
Suspension:	10,000 lb. taper-leaf front springs with maintenance free rubber bushings. 10,000 lb. Meritor FD-965 front axle with gunite hubs and oil seals. 20,000 lb. Airliner rear air ride with manual dump and dual instant response leveling valves. 19,000 lb. Meritor RS-19-145-rear axle with gunite hubs and oil seals. 4.11:1 Rear axle ratio. Front and rear suspension stabilizers. SPL100 Dana Spicer main driveline with half round yokes. Heavy duty shock absorbers. Eaton synthetic oil SAE 75W-90W in axles.
Engine:	Cummins ISB 260 6-cylinder 5.9L turbo charged diesel engine with electronic engine control. Full flow oil filter. Engine mounted oil check with fill mounted on radiator.

Frontal air intake with Farr Eco air cleaner mounted on rail.
Sanden compact air conditioner compressor.
15.2 CFM air compressor.

Block heater: Phillips-1000 watt switch control on AC power panel.

Horsepower: Net 260 at 2500 RPM.

Torque: 550 ft-lb at 1900 RPM.

Cooling System: 680 Sq. In. down flow front mounted radiator with surge tank and drain cock.
Eaton viscous fan drive.
Constant torque clamps and rubber engine cooling hoses.
Antifreeze rated to -35F.

Exhaust: Single horizontal inboard muffler with right-hand horizontal tailpipe exit aft of rear tires on left-hand side.

Alternators: Leece-Neville 12 volt, 200 AMP 4940 quadramount.

Electrical: Electronic engine integral warning and derate protection system.
Auto re-set circuit breakers.
All relays sealed.
Dual electric horns.
Quartz headlights.
Delco Heavy duty 12VDC 29MT starter.
(2) Alliance 1131, group 31, 12 volt maintenance-free 1900 CCA threaded stud batteries.
Battery box mounted on outside of right-hand rail.

Transmission: Allison 2000 series 5 speed automatic.
Allison 1000/2000/2400 transmission programming, non Fire/Emergency, 5/4/3/1 selector.
Water to oil transmission cooler.
Transmission oil check and fill inside engine cover.
Provide Castrol Transynd synthetic oil.

Fuel system: 90 gallon, mounted between frame rails.
Fuel fill located on street-side.
Remote mounted fuel/water separator with heater.
Provide pick-up tube for generator, allowing 1/4 tank for vehicle.
Reinforced nylon fuel line.

Steering Gear:	TRW TAS-65 power steering. TRW power steering pump with 2-quart reservoir. TRW tilt/telescopic steering column. 18" LK four-spoke charcoal steering wheel.
Tires:	2-10"R x 22.5", Goodyear 14 ply highway tread radials. (Total load rating of 11,360 lbs.) 4- 10"R X 22.5", Goodyear 14 ply mud and snow tread radials. (Total load rating of 21,420 lbs.)
Wheels:	4-22.5" X 7.5" aluminum wheels with trim kit. 2- 22.5" X 7.5" steel discs for rear inner wheels.
Brakes:	Bosch hydraulic brake package with optional air supply. 1) Cummins 15.2 CFM air compressor. 2) One (1) steel air reservoir. 3) One (1) manual valve with pull cord. 4) Hydraulic tubing and reinforced nylon, fabric/wire braid chassis air lines. Front and rear disc brake rotors with dust shields. WABCO hydraulic Anti-locking Braking System (ABS) without traction enhancement. Transmission mounted parking brake.
Gauges:	Driver information center mounted in black driver instrument panel. Double-sided heavy-duty ignition switch with 4-position off/run/start/accessory integral start. Electronic fuel level. Multiplexed engine oil pressure gauge. Multiplexed engine coolant temperature gauge. Multiplexed speedometer with LCD message display odometer in MPH. Multiplexed voltmeter. Wagner 7212 turn signal lights and hazard flashers. Multiplexed 3,000 RPM tachometer. Cruise control switches. Hour meter integral to message center LCD.
Heater:	Front heater with defroster for windshield and driver's window.
Air conditioning:	Factory installed in conjunction with heater, with dash controls.

B. VAN BODY

1. 26' load space Morgan Olson aluminum step-van.
2. Dimensions:

Overall Length	-	424"
Overall Width	-	96"
Interior Width	-	88"
Interior Headroom	-	83"
Overall Height	-	140" Approximately
3. Body shall have two (2) entry doors, driver and passenger.
 - a. Doors to have continuous hinge.
 - b. Slam lock hardware, key lockable and keyed alike.
 - c. Provide slider window in each door.
 - d. Provide aluminum drip rails above each door.
 - e. Three (3) 2" nylon straps limiting door to 100 degrees.
4. Floor panels to be aluminum interlocking planks.
5. Walls to be .125" strain hardened aluminum with 18" skirts.
6. 1-1/2" sidewall posts. Shall be on 18" centers.
7. 1-1/2" roof bows. Shall be on 18" centers.
Last Six (6) feet of roof to have bows on 12" centers.
8. Roof to be .100" aluminum diamond plate material.
9. Fiberglass lift-up hood with headlamps and turn signals.
10. Cab floor to be .100" aluminum diamond tread-plate.
11. Body shall have automotive safety glass tinted windshield.
12. Windshield Wipers: Single switch with intermittent feature.
13. Driver's area shall contain black opaque 6-1/2" x 30" smooth edged sun visor.
14. Engine enclosure to be insulated aluminum sheet covered with .063 brite-plate trim panels.
15. Driver and passenger seat to be Magnum 200 mechanical suspension seat with armrests. Seats to have 3-point seat belts. Seats to have Tuff-TEX fabric material.

16. Lights/reflectors-Lights, directional, SAE, armored, amber.
17. Recessed stop, tail, and turn signals.
18. Aluminum diamond plate tread-plate step-wells.
19. Velvac mirrors with remote control for main and blind spot convex mirrors, also heated.
20. Front bumper to be 11" full width chromed steel.
Rear-12" full width heavy duty aluminum with grated center section.
21. Mud Flaps: Rear flaps 24" x 30" rubber.
22. Body to be fully under-coated.
23. Two (2) load compartment doors, each with window, and inset steps.

C. DRIVER CAB AREA REQUIREMENTS

1. Provide and install one (1) Master control console.
 - a. Contains all switches and equipment controls.
 - b. 12VDC, 120VAC power distribution panels.
 - c. Constructed with 3/4" birch hardwood plywood, covered with Graphite Nebula laminate.
 - d. Provide and install laminated wiper motor cover.
2. Provide and install one (1) red/white dome light.
 - a. Located under front overhead console in middle.
 - b. Switched on dash.
3. Provide for finishing of all exposed surfaces in dash area, finish with black epoxy coating.
4. Provide and install workstation at passenger seat area.
 - a. To include the following.
 - 1) 120 VAC dome outlet-15 AMP.
 - 2) 12 VDC outlet-15 AMP.
 - b. Constructed with 3/4" birch hardwood plywood, covered with plastic laminate trimmed with 1" aluminum strap.

5. Provide and install one (1) FEDERAL SIGNAL gooseneck light.
 - a. Located on front passenger workstation.
 - b. Model LF18ERB.
6. Provide and install one (1) Black Out Panel System.
 - a. Front windshield and door windows.
 - b. Black CORDURA fire and fade resistant fabric.
 - c. Secured with snap buttons only.
7. Provide and install one (1) AUDIOVOX Back up camera system.
 - a. Model AOS-78 with audio.
 - b. Activated when unit is shifted into reverse.
 - c. Camera mounted on rear of unit.
8. Provide and install Aluminum tread-plate chase covers.
 - a. .063 material thickness.
 - b. Mounted with screws for easy access.
 - c. Located in cab area covering center windshield post and both door posts.
9. Provide and install two (2) fabric covered panels over driver and passenger doors.
 - a. Radio speakers to be mounted in panels.
 - b. Provides access to wire chases.
10. Provide and install placards for weight and height.
 - a. Vehicle heights sign on dash.
 - b. Vehicle weight sign with axle loads and available axle payload.
11. Provide and install two (2) **MARADYNE** fans.
 - a. Located in corners of cab, hung from the ceiling.
 - b. Model Maradyne 3000-12.
 - c. Switched on power distribution panel.

D. CEILING

1. Insulate with 1 1/2" RMAX foil faced board foam. R-value of 10.8.
 - Applied with a minimum coverage of 90% sprayed contact cement on both surfaces.
2. Cover interior roof supports for sub-ceiling with 1/2" cabinet grade hardwood plywood.
 - Sub-ceiling to be applied with flush head mechanical fasteners spaced on a maximum of 12" centers.
3. Cover sub-ceiling with ribbed, acoustical, flame retardant, and mildew resistant loop pile fabric.
 - a. Applied with a minimum coverage of 90% spray grade contact adhesive applied to both surfaces.
 - b. Color to be determined.

E. FLOOR

1. Cover interior flooring with 1/2" cabinet grade hardwood plywood.
 - a. Sub-floor to be applied with flush head mechanical fasteners spaced on a maximum of 12" centers.
 - b. Seams in vehicle aluminum flooring will be sealed with a polyurethane based sealer prior to installation of sub-floor.
2. Cover sub-floor with LONSEAL Loncoin II or equivalent commercial grade vinyl sheet flooring.
 - a. Flooring to have a minimum 10-year limited warranty against wear.
 - b. Flooring to be continuous with seam placed under cabinets where possible.
 - c. All exposed edges to be capped with aluminum angle.
3. Provide and install cove base molding at wall/floor interface.
 - a. 3" high white vinyl material.
 - b. Secured with silicone based adhesive.

F. WALLS

1. Insulate with 1 1/2" RMAX Foil faced board foam. R-value of 10.8.
 - Applied with a minimum coverage of 90% sprayed contact cement on both surfaces.
2. Cover interior body side posts for sub-wall with 1/2" cabinet grade hardwood plywood.
 - Sub-wall to be applied with flush head mechanical fasteners spaced on a maximum of 16" centers.
3. Cover sub-wall with gloss White high impact plastic laminate.
 - a. Applied with a minimum coverage of 90% sprayed contact cement on both surfaces.
 - b. All seams hidden or covered with laminated rail.
 - c. Standard grade- .050 thickness.

G. DOORS

1. Provide and install padded driver and passenger front interior doors panels.
 - a. Made of 1/2" cabinet grade hardwood plywood.
 - b. Covered with 1/8" landau foam.
 - c. Finished with flame retardant vinyl.
 - d. Conforms to FMVSS 302.
 - e. Aluminum tread plate kick plate on bottom of door.
 - f. Extends 4" above vehicle floor.
 - g. Installed with screws.
 - h. Black sprung grab handle placed in middle of door.
2. Provide and install two (2) 32" load compartment entrance door.
 - a. Aluminum tread-plate step-well with automatic courtesy lights.
 - b. Provided with 20" X 24" fixed window with 1" mini-blinds.
 - c. Attached to unit with stainless steel continuous hinge.
 - d. Finish with 1/2" Hardwood plywood covered with gloss laminate.
 - e. Provide and install aluminum kick plate on bottom of door.
 - f. Trim all exposed edges with aluminum angle.
 - g. Three (3) 2" nylon door straps, stops door at 100 degrees open.

3. Provide and install two (2) separating bulkheads.
 - a. Shall contain 30" pocket door.
 - b. Utilizing two (2) roller trucks with four (4) wheels each.
 - c. Held open with flush mounted flip pin into the floor.
 - d. Held closed with locking pocket door pull.
 - e. Bulkheads and doors to be finished with gloss laminate.
4. Provide and install one (1) exterior entry assist grab handle.
 - a. Chrome with rubber inserts.
 - b. 30 degrees offset stanchions.
 - c. Located at both rear entry doors.
 - d. 24" in length.
5. Provide and install one (1) interior entry assist grab handles.
 - a. Stainless steel grab bars.
 - b. Located at both rear entry doors.
 - c. 30" in length.
6. Features common to all doors.
 - a. All doors to have identical keys.
 - b. Install 2" wide, black non-skid tape.

H. ELECTRICAL SYSTEM-120VAC

1. Provide and install one (1) KOHLER 20EORD diesel generator.
 - a. Frame to be powder coated 1/4" steel angle construction.
 - b. .090 aluminum shrouding cut per manufacturer's recommendation for cooling.
 - c. Compartment to be insulated and sound proofed with ACOUSTICOMP.
 - d. Lead lined flame retardant material.
 - e. Generator remote located in front overhead console.
2. Door to be 1 1/2" box pan construction, with
 - a. Polished stainless steel D-ring handle.
 - b. Dual double rotary latches.
 - c. 1 1/2" stainless steel hinge with 1/4" pin.
 - d. Polished stainless steel drip rail.
 - e. Gas struts to hold door open at 170 degrees.
 - f. EPDM rubber seal around door.

- g. Existing vehicle fuel tank tapped for unit. Tapped so that vehicle still has between 1/8 and 1/4 tank.
 - h. Exhaust exit out the roof.
3. Provide and install one (1) BLUE SEA 120 VAC Power distribution panel.
- a. UL listed magnetic/hydraulic switch rated circuit breakers.
 - b. LED indicator light feature.
 - c. Label backlighting feature.
 - d. Digital multi-meter.
4. Provide and install Automatic transfer switch.
- a. Switch between generator and shore source.
 - b. "Break before make" contactor switch.
5. Provide and install one (1) 120/240 Shore cord.
- a. 50-Ampere capacity. Twist lock connectors
 - b. 50 foot in length.
 - c. Cord hard-wired through 50 ampere double pole circuit breaker.
 - d. Stored in electrical compartment with locking pass-thru.
 - e. 30 amp to dual 15 amp adapter.
 - f. 50 amp to 30 amp adapter.
6. Provide and install three (3) INTELLI POWER 75 Ampere power Converters.
- a. Produce a filtered, regulated 12VDC output with a variable input.
 - b. Units must keep battery voltage within one (1) volt of optimum charge at maximum 12VDC draw.
 - c. Work in unity with each other without the use of external isolators.
 - d. Never "over charge" the batteries.
 - e. Switched on 120VAC power distribution panel.
- Note: Use of un-regulated power converters with the ability to cover charge batteries is not acceptable.
7. Provide and install ten (10) LEVITON specification grade interior duplex wall receptacles.
- a. Brushed stainless steel covers.
 - b. Receptacles located near a source of water will be GFI rated.
 - c. Locations are shown on attached drawings.
 - d. Switched on 120VAC power distribution panel.

8. Provide and install four (4) LEVITON specification grade GFI exterior duplex receptacles.
 - a. Exterior grade weather resistant covers.
 - b. Flush mounted into exterior.
 - c. Switched on 120VAC power distribution panel.
 - d. Two (2) dedicated 15 Amp circuits.
9. All 120 VAC main wiring.
 - a. 8 gauge minimum.
 - b. Branch circuit wiring to be MC stranded 10 or 12 gauge.
 - c. Wiring to be routed using appropriate conduit per application.
10. Provide and install receptacle and slide out tray for radio charger. Mounted in storage cabinet.

I. ELECTRICAL SYSTEM-12VDC

1. Provide and install six (6) auxiliary batteries.
 - a. 6 Volt AGM
 - b. Mounting to be powder coated steel angle and channel uni-frame construction.
 - c. Shrouding with .063 brite plate.
 - d. Batteries to be protected with mega fuse or hi-amp circuit breaker.
 - e. Door to be 1 1/2" box pan construction, with
 - 1) Polished stainless steel D-ring handle.
 - 2) Dual double rotary latches.
 - 3) 1 1/2" stainless steel hinge with 1/4" pin.
 - 4) Gas struts to hold door open at 170 degrees.
 - 5) EPDM rubber seal around door.
2. Provide and install one (1) KUSSMAUL Autocharge 2000 battery charger and supply.
 - a. Exterior 10-element weatherproof bar graph display.
 - b. Includes KUSSMAUL Super Auto Eject 20 inlet for charger.
 - c. Cord automatically ejects upon starting of vehicle.
 - d. 12" pigtail cord to be provided to convert input to 15 Amp.
 - e. 18 Amp total output.
 - f. 3 Amp battery saver circuit.

3. Provide and install one (1) PATHMAKER 200 automatic battery combiner.
 - a. 200 AMP continuous, 600 AMP surge.
 - b. Charges main, auxiliary and generator battery banks with the alternator.
 - c. Fully adjustable-low and high voltage disconnect and actual connect voltage.
 - d. LED status indicators.
 - e. Remote control panel for merging batteries for emergency starting.
4. Provide and install one (1) BLUE SEA 12VDC power distribution panel.
 - a. UL listed magnetic/hydraulic switch rated circuit breakers.
 - b. LED indicator light feature.
 - c. Label backlighting feature.
 - d. Digital voltmeter.
5. Provide and install six (6) Interior 12VDC outlets.
 - a. Cigarette lighter type.
 - b. Mounted in stainless steel plates at each workstation.
 - c. 15 Ampere rating per outlet.
6. Provide and install two (2) CZONKA battery disconnect relay.
 - a. Controls auxiliary battery system.
 - b. Current capacity- 0 to 300 ADC, 1000 ADC 20 sec.
 - c. Switched remotely at the dash. Switch to have indicator light.
 - d. Relay to be placed within 18" of battery.
 - e. Water and Explosion proof.

J. LIGHTING

1. Provide and install twenty-five (25) THINLITE fluorescent lights.
 - a. Located in ceiling and under overhead cabinets per drawings.
 - b. Switched from 12VDC power distribution panel.
 - c. Model 712/716XL
2. Provide and install eight (8) WHELEN series halogen light heads.
 - a. Model 810CAOZR scene lights.
 - b. 8" X 10" size.
 - c. 3 on each side, 2 on rear of unit.
3. Provide and install Automatic step-well lights.
 - a. Located in entry door step-wells.
 - b. Activated when door opens anytime.

4. Provide and install compartment lighting.
 - a. Activated when door opens.
 - b. 5" dome light with switch.
 - c. Door ajar LED indicator to be mounted on driver dash. Warns if any compartment door is open.
5. Provide and install two (2) HAVIS SHIELDS lights.
 - a. Model 1136.
 - b. 650 watt Magnafire quartz halogen floodlights.
 - c. 1100 series bottom raising remote pole with 4" offset mounts.
 - d. Switched on 120VAC power distribution panel.
 - e. 1-on each side towards the rear of the unit.
6. Provide and install four (4) FEDERAL SIGNAL gooseneck light.
 - a. Model LF18ERB.
 - b. Located at each workstation and at the analyst desk.

K. EMERGENCY LIGHTING AND EQUIPMENT

1. Provide and install one (1) WHELEN siren amplifier/lighting controller.
 - a. Model 295HFSA5.
 - b. Mounted on dash in the driver's area.
2. Provide and install one (1) WHELEN siren speaker.
 - a. Model 314P.
 - b. Quantity Two.
 - c. Activated by the lighting/siren controller.
3. Provide and install one (1) WHELEN halogen/strobe light bar.
 - a. Model 9M14-F Series.
 - b. Activated by the lighting/siren controller.
 - c. Mounted on front of unit.
 - d. Custom fabricated aluminum brackets.
4. Provide and install three (3) WHELEN universal halogen/LED flashers.
 - a. Model UFM8, 8 outlet halogen/LED flasher.
 - b. Activated by the lighting/siren controller.
 - c. Meets CA. title XIII requirements.

5. Provide and install eight (8) WHELEN 508 series halogen light heads.
 - a. Model 580CAA*R, *= color designation.
 - b. 5" X 8" size.
 - c. 2 on grill, 2-on each side, and 2-on rear.
 - d. Activated by the lighting/siren controller.
 - e. Dual bulb.
6. Provide and install one (1) WHELEN headlight flasher.
 - a. Model SSF-2150.
 - b. Activated by the lighting/siren controller.

L. WIRING REQUIREMENTS

1. Terminals to conform to MIL-T-7928 and MS 25036.
 - a. Terminals to be crimped with tool recommended by manufacturer and per MIL-SPEC.
 - b. Spade and hook terminals are unacceptable.
2. All wiring to be supported with insulated clamps complying with MS 21919.
3. Wire bundles to be tied with trimmed nylon cable ties.
4. Main DC electrical circuits to be protected by resettable circuit breakers rated for 125% of circuit load.
5. Full wiring schematics are to be provided.
 - a. 120 VAC main and branch distribution.
 - b. 12 VDC main and branch distribution.
 - c. Generator and shore transfer.
 - d. Audio/video distribution.
 - e. Low voltage control circuits.
 - f. Numbered at both ends.
 - g. Charted on master wire list.
6. All added wiring to be protected from chafing and abrasion.
7. Electrical installation.
 - a. Complete 12 VDC system and electrical appliances will be to modern automotive standards through out the installation.
 - b. Extreme care will be exercised to provide for easy serviceability of the system in the future years.
 - c. NO EXCEPTIONS WILL BE ACCEPTABLE IN THIS SECTION!

M. INTERIOR FEATURES

1. Provide and install two (2) custom inlaid deep tint horizontal slide windows.
 - a. 30"W X 22"H.
 - b. Window box on inside for 1" white plastic mini blinds. Covered with the same laminate used for the countertops.
 - c. Located on driver's side and the second on the passenger's side
 - d. Window view is one-way from the inside.
2. Provide and install two (2) COLEMAN or equivalent roof mounted heat pump/air conditioner.
 - a. 15,000 BTUH cooling capacity.
 - b. 12,700 BTUH heating capacity up to 47degrees F.
 - c. 5,600 BTUH heating capacity below 47 degrees F.
 - d. Direct ducting with controls mounted on interior ceiling shroud.
 - e. Switched on 120VAC power distribution panel.

Model offered: _____

3. Provide and install two (2) HON or equivalent workstation chairs.
 - a. High back.
 - b. 5 arm spider base with dual casters.
 - c. Bungee harness to secure chair for transit.
 - d. Chairs will have pneumatic height adjustment.

Model offered: _____

4. Provide and install two (2) FANTASTIC-FAN or equivalent roof ventilators.
 - a. Unit to be high volume with three (3) fan speeds.
 - b. Unit to have reverse air flow capabilities.

Model offered: _____

5. Provide and install fabric covered wire chases.
 - a. 3/4" X 4" wide.
 - b. Mounted with chrome trim screws only
 - c. Minimum of 3 screws in any one chase cover, with screws placed NO further apart than 24".

6. Provide and install Safety equipment to consist of the following.
 - a. 2-5lb. ABC rated fire extinguishers.
 - b. one located behind drivers' position.
 - c. one located inside rear doors.
 - d. 2-9VDC smoke detectors.
 - e. 2-9VDC carbon monoxide detectors.
7. Provide and install three (3) FREEDMAN or equivalent flip-down seats.
 - a. Model Feather Handi-Flip.
 - b. 2-person seat, located on the rear of vehicle under window.

Model offered: _____

N. GALLEY

1. Provide and install one (1) NORCOLD DE-0051 or equivalent refrigerator.
 - a. Dual voltage- 12 VDC/120VAC.
 - b. Switched from 12VDC power distribution panel.
 - c. Switched from 120VAC power distribution panel.
 - d. 1.9 Cubic Feet.

Model offered: _____
2. Provide and install one (1) BLACK & DECKER or equivalent coffee maker.
 - a. Mounted under overhead cabinet in galley.
 - b. Switched from 120VAC power distribution panel.

Model offered: _____
3. Provide and install one (1) SHARP or equivalent microwave oven. 1000-watt minimum.

Model offered: _____
4. Provide and install one (1) galley lower cabinet.
5. Provide space for refrigerator.
6. Provide one (1) 120VAC outlet.
7. Provide and install one (1) galley upper cabinet.
8. Provide space for microwave oven.
9. Provide one (1) 120VAC outlet.

O. CABINETS

1. Construction of all components as follows.
 - a. Fabricate and install interior compartments, counters, shelves, tables, and work stations per drawings.
 - b. All components to be constructed of 1/2" and 3/4" A1 grade Birch plywood pre finished with polyurethane.
 - c. Cases to be of uni-frame to provide lightweight durability and flexibility during body flex.
 - d. All cases and countertops to have post formed, seamless front edges. Preventing chipping of laminate and eliminating sharp edges.
 - e. All cases and countertops to be covered with high impact plastic laminate.
 - 1) Post-formed grade.
 - 2) Color to be determined.
 - 3) All doors and drawers to be flush with cabinet faces, Inset style.
 - f. Install BLUM or equivalent European style hinges on all doors and lids. 125 degree opening.
 - g. All drawers and doors will have one (1) SOUTHCO or equivalent flush mount positive latching pulls on all interior doors and drawers.

Model offered: _____
2. Provide SPD gas pressurized springs on all upward opening doors.
 - a. All drawers to have ACCURIDE or equivalent ball bearing slides.
 - 1) 100 Lb. rating
 - 2) Full extension.
Model offered: _____
 - b. Adjustable shelves constructed from 3/4" plywood with 1-1/2" aluminum angle lip.
 - c. Overhead cabinet doors to be finished in erasable white board material.
3. Provide and install three (3) workstations; two (2) located in the conference room and one (1) in the DUI processing room. They are to include the following;
 - a. Counter tops.
 - b. Two 2-door overhead cabinets.
 - c. One 3-drawer bank with file drawer.
 - d. Pencil drawer below counter.

P. AUDIO/VIDEO

1. Coaxial cable for TV distribution system.
 - a. Belden RG-6 with 20AWG solid copper conductor.
 - b. Nominal attenuation of 6.4 db/100 feet @ 700 MHz.
2. Install one (1) WINEGUARD amplified antenna.
 - a. Model RV-3090.
 - b. Directional, crank-up style.
 - c. Cable input from street side under weatherproof exterior cover.
3. One (1) CATV input mounted on exterior.
 - a. RCA style connector.
 - b. Mounted curbside under weatherproof exterior cover.
4. Install one (1) 42" Plasma T.V. mounted in conference room. Switched on 120VAC power distribution panel.

Q. RADIOS

1. Pre-wire and make provisions for seven (7) Motorola XTS Series customer supplied radios.
 - a. Includes 3/4" NMO bases per specified frequencies.
 - b. Coaxial cable to be RG-58U.
 - c. 12 VDC 3/8" stud type junction posts at pre-wire locations.
2. Provide and install roof antenna raceway.

R. COMPUTER EQUIPMENT

1. Provide and install one (1) 12-port computer network switch.
 - a. 7-RJ-45 connectors.
 - b. Category 5 cabling.
 - c. Data switch located in utility closet.
 - d. Input located on street-side behind the driver's door.

2. Provide and install one (1) HEWLETT PACKARD or equivalent all in one.

Must be compatible with the Panasonic CF 25 Laptop Computer.

- a. Printer, fax, scanner, copier.
- b. Installed in cabinet by electronics rack.
- c. Network printer.

Model offered: _____

S. EXTERIOR EQUIPMENT

1. Provide and install Mud flaps.

- a. Rear duals.
- b. Anti Sail brackets.
- c. Underbody to be undercoated. All exposed metal.

2. Provide and install one (1) ECCO back up alarm. Model SA-917.

3. Provide and install one (1) chrome plated front bumper. Polished and all hardware plated.

4. Provide and install one (1) CAREFREE OF COLORADO or equivalent electric awning.

- a. 18' in length.
- b. Mount curbside.

Model offered: _____

5. Provide and install one (1) exterior removable white board.

- a. Stainless steel mounting brackets on exterior.
- b. Stored in closet inside.
- c. Mounted on curb side of vehicle.
- d. Provide and install Two (2) exterior removable aluminum counters.
- e. Connected to truck with chrome table brackets.
- f. 48" x 18", stored in closet inside.

6. Provide and install one (1) KWIKEE or equivalent electric steps.

- a. Mounted under entry door on curbside of vehicle.
- b. Provide lockable switch to disable when using door.
- c. Automatically stows when vehicle starts.

Model offered: _____

T. OTHER EQUIPMENT

1. Provide and install one (1) EQUALIZER hydraulic leveling system.
 - a. Control to be mounted in dash area by driver.
 - b. Pump mounted underbody.
 - c. 4-17,000lbs jack legs.
2. Provide and install One (1) road-side safety kit.
 - a. Includes 3-reflective triangles.
 - b. Marking flares.
3. Provide and install one (1) brushed aluminum lock box. Located on curbside, rear corner of vehicle.
4. Provide and install one (1) vehicle security system.
 - a. Remote function.
 - b. High output siren.

U. PAINTING SPECIFICATIONS

1. Paint preparation for exterior, to consist of the following processes.
 - a. Fully sanded to assure removal of imperfections in surfaces.
 - b. All sheet metals to be chemically etched with acid type cleaners
2. Paint lower half of vehicle the same as the San Diego PD SWAT unit Black with gold accent stripe.

V. GRAPHICS

1. Provide and install lettering per San Diego PD requirements.
 - a. Around perimeter of vehicle box and cab.
 - b. Reference lettering installed on San Diego PD SWAT truck. See attached pictures for examples.

BIDDER'S REFERENCES

The Bidder is **required** to provide a minimum of three (3) references where work of a similar size and nature was performed within the past three (3) years. This will enable the City of San Diego to judge the responsibility, experience, skill, and business standing of the Bidder.

REFERENCES

Company Name: _____ Contact Name: _____

Address: _____ Phone Number: _____

_____ Fax Number: _____

Dollar Value of Contract: \$ _____ Contract Dates: _____

Requirements of Contract: _____

Company Name: _____ Contact Name: _____

Address: _____ Phone Number: _____

_____ Fax Number: _____

Dollar Value of Contract: \$ _____ Contract Dates: _____

Requirements of Contract: _____

Company Name: _____ Contact Name: _____

Address: _____ Phone Number: _____

_____ Fax Number: _____

Dollar Value of Contract: \$ _____ Contract Dates: _____

Requirements of Contract: _____

BIDDER'S STATEMENT OF SUBCONTRACTORS

The Bidder is **required** to state below all subcontractors to be used in the performance of the proposed contract, and what portion of work will be assigned to each Subcontractor. Failure to provide details of Subcontractors may be grounds for rejection of bid. NOTE: Add additional pages if necessary.

Company Name: _____ Contact Name: _____

Address: _____ Phone Number: _____

_____ Fax Number: _____

Dollar amount of sub-contract: \$ _____ Contract Dates: _____

Contractor's License #: _____

Requirements of contract: _____

What portion of work will be assigned to this subcontractor: _____

Company Name: _____ Contact Name: _____

Address: _____ Phone Number: _____

_____ Fax Number: _____

Dollar amount of sub-contract: \$ _____ Contract Dates: _____

Contractor's License #: _____

Requirements of contract: _____

What portion of work will be assigned to this subcontractor: _____

Company Name: _____ Contact Name: _____

Address: _____ Phone Number: _____

_____ Fax Number: _____

Dollar amount of sub-contract: \$ _____ Contract Dates: _____

Contractor's License #: _____

Requirements of contract: _____

What portion of work will be assigned to this subcontractor: _____



The City of San Diego
Purchasing and Contracting Department
Vendor Registration

Vendor ID:

Firm Information

Firm Name:
Firm Address:
City: State: Zip:
Phone: Fax:
Taxpayer ID: Business License:
Website:

Contact Information

Name:
Title:
Email:
Phone: Cell:

Address to Which Bids Should Be Sent (if different from above)

Check here if same from above ☐

Mailing Address:
City: State: Zip:

Contractor Licenses

License Number:		License Type:	
License Number:		License Type:	
License Number:		License Type:	
License Number:		License Type:	

Form continues on reverse side

Ownership Classification

Classification: *

(* select from the list of Ownership Classification Codes provided below)

Check here if Certified by Agency: ☐

Certification #:

Agency:

Certification #:

Agency:

Ownership Classification Codes:

MBE/African American	(Minority Business Enterprise/African American)
MBE/Hispanic	(Minority Business Enterprise/Hispanic)
MBE/Asian	(Minority Business Enterprise/Asian)
MBE/Pacific Islander	(Minority Business Enterprise/Pacific Islander)
MBE/Native American	(Minority Business Enterprise/Native American)
WBE	(Women Business Enterprise)
DBE	(Disadvantaged Business Enterprise)
DVBE	(Disabled Veteran Business Enterprise)
OBE	(Other Business Enterprise)

Product/Services Description:

Product/Services Information:

NAICS Codes: *

*select from a list of available NAICS Codes either from the website
<http://www.census.gov/epcd/www/naics.html>
and select 2007 NAICS codes 6 digit only
or from a hard copy available at Purchasing and Contracting

ATTACHMENT





