

PURCHASING DIVISION  
100 N. ANDREWS AVENUE  
FORT LAUDERDALE, FL 33301  
(954) 761-5140  
FAX (954) 761-5576

City of Fort Lauderdale  
INVITATION TO BID  
e-mail: [purchase@ci.ftlaud.fl.us](mailto:purchase@ci.ftlaud.fl.us)  
ITB# 202-8387

ISSUE DATE:09/8/00  
PAGE 1 OF 40  
**BIDS MUST BE RECEIVED  
PRIOR TO 2:00 P.M.  
ON:October 2nd, 2000**

**TITLE: Purchase of One (1) Command Operations Vehicle**

PROCUREMENT SPECIALIST: James Hemphill  
CONTACT FOR TECHNICAL QUESTIONS: **Capt. Richard Perez**

DEPT: Police  
Phone No.: (954) 761-5615

**Bidder Must Complete the Following:**

Vendor Name	Total Bid Discount (section 1.04) _____
Number & Street:	Bids are firm for Acceptance for 90 days (section 1.05) Yes _____ No _____ Other _____
City, State, Zip (+4) (see General Conditions Section 1.01)	
Was this Invitation mailed to the Correct address? Mark "X" here <input type="checkbox"/> and we will adjust our records	State or reference any variances (section 1.06)
Area Code and Telephone No. ( ) _____ 800 _____	Web site address: http://www
FAX ( ) _____	NO BID: If not submitting a bid, state reason below and return on copy of this form (section 1.07) _____
e-mail:	
Delivery: Calendar days after receipt of Purchase Order: (section 1.02) _____ days	Does your firm qualify for MBE, WBE, SBE status In accordance with Section 1.08 of General Conditions? _____
Payment Terms: (section 1.03) net _____	MBE _____ WBE _____ SBE _____

**How to Submit Bids/Proposals:** It will be the sole responsibility of the Bidder to ensure that his bid reaches the City of Fort Lauderdale, City Hall, Purchasing Division, 6<sup>th</sup> floor, Room 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, prior to the bid opening date and time listed. Do not submit via Facsimile. Facsimile bids will not be accepted.

Each bid envelope must be sealed with the following information stated on the **OUTSIDE** of the envelope:

BID No.202-8387 Title:Purchase of One (1) Command Operations Vehicle Opens: October 2nd, 2000

**Vendor Certification:** I, the below signed hereby agree to furnish the required article(s) or services(s), at the price(s) and terms stated subject to all instructions, conditions, specifications, and all attachments hereto. I have read all attachments and fully understand what is required. By submitting this bid, I certify that I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications contained in this bid. I certify that I have not divulged to, discussed with, or compared this bid with any other bidder(s) and have not colluded with any other bidder(s) or parties to this bid. I certify I am authorized to contractually bind the bidding firm.

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Title (Typed or Printed)

\_\_\_\_\_  
Name of Authorized Representative (typed or printed)

\_\_\_\_\_  
Date:

City of Fort Lauderdale  
**GENERAL CONDITIONS**

These instructions are standard for all contracts for commodities or services issued through the City of Fort Lauderdale Division of Purchasing. The City may delete, supersede, or modify any of these standard instructions for a particular contract by indicating such change in the Invitation to Bid (ITB) Special Conditions, Technical Specifications, Instructions, Proposal Pages, Addenda, and Legal Advertisement.

**PART I BIDDER PROPOSAL PAGE(S) CONDITIONS:**

- 1.01 **BIDDER ADDRESS:** The City maintains automated vendor mailing lists for each specific Commodity Class Item. Invitation to Bid (ITB'S) will be mailed first to a selection of Bidders who have fully registered on our system. Requests will be mailed to unregistered Bidders within a reasonable time frame for that bid only. The mailing of one ITB to the vendor, or a bid in return, will not register a vendor on our system. If you wish purchase orders sent to a different address, please so indicate. If you wish payments sent to a different address, please so indicate on your invoice.
- 1.02 **DELIVERY:** Time will be of the essence for any orders placed as a result of this ITB. The City reserves the right to cancel any orders, or part thereof, without obligation if delivery is not made in accordance with the schedule specified by the Bidder and accepted by the City.
- 1.03 **PAYMENT TERMS AND CASH DISCOUNTS:** Payment terms, unless otherwise stated in this ITB, will be considered to be net 30 days after the date of satisfactory delivery at the place of acceptance and receipt of correct invoice at the office specified, whichever occurs last. Bidder may offer cash discounts for prompt payment but they will not be considered in determination of award. If a Bidder offers a discount, it is understood that the discount time will be computed from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last.
- 1.04 **TOTAL BID DISCOUNT:** If Bidder offers a discount for award of all items listed in the bid, such discount shall be deducted from the total of the firm net unit prices bid and shall be considered in tabulation and award of bid.
- 1.05 **BIDS FIRM FOR ACCEPTANCE:** Bidder warrants, by virtue of bidding, that his bid and the prices quoted in his bid will be firm for acceptance by the City for a period of ninety (90) days from the date of bid opening unless otherwise stated in the ITB.
- 1.06 **VARIANCES:** For purposes of bid evaluation, Bidder's must indicate any variances, no matter how slight, from ITB General Conditions, Special Conditions, Specifications or Addenda in the space provided in the ITB. No variations or exceptions by a Bidder will be considered or deemed a part of the bid submitted unless such variances or exceptions are listed in the bid and referenced in the space provided on the bidder proposal pages. If variances are not stated, or referenced as required, it will be assumed that the product or service fully complies with the City's terms, conditions, and specifications.
- By receiving a bid, City does not necessarily accept any variances contained in the bid. All variances submitted are subject to review and approval by the City. If any bid contains material variances that, in the City's sole opinion, make that bid conditional in nature, the City reserves the right to reject the bid or part of the bid that is declared, by the City as conditional.
- 1.07 **NO BIDS:** If you do not intend to bid please indicate the reason, such as insufficient time to respond, do not offer product or service, unable to meet specifications, schedule would not permit, or any other reason, in the space provided in this ITB. Failure to bid or return no bid comments prior to the bid due and opening date and time, indicated in this ITB, may result in your firm being deleted from our Bidder's registration list for the Commodity Class Item requested in this ITB.
- 1.08 **MINORITY AND WOMEN BUSINESS ENTERPRISE PARTICIPATION AND BUSINESS DEFINITIONS:** The City of Fort Lauderdale wants to increase the participation of Minority Business Enterprises (MBE), Women Business Enterprises (WBE), and Small Business Enterprises (SBE) in it's purchasing activities. If your firm qualifies in accordance with the below definitions please indicate in the space provided in this ITB.

Minority Business Enterprise (MBE) "A Minority Business" is a business enterprise that is owned or controlled by one or more socially or economically disadvantaged persons. Such disadvantage may arise from cultural, racial, chronic economic circumstances or background or other similar cause. Such persons include, but are not limited to: Blacks, Hispanics, Asian Americans, and Native Americans.

The term 'Minority Business Enterprise' means a business at least 51 percent of which is owned by minority group members or, in the case of a publicly owned business, at least 51 percent of the stock of which is owned by minority group members. For the purpose of the preceding sentence, minority group members are citizens of the United States who include, but are not limited to: Blacks, Hispanics, Asian Americans, and Native Americans.

Women Business Enterprise (WBE) a "Women Owned or Controlled Business is a business enterprise at least 51 percent of which is owned by females or, in the case of a publicly owned business, at least 51 percent of the stock of which is owned by females.

Small Business Enterprise (SBE) "Small Business" means a corporation, partnership, sole proprietorship, or other legal entity formed for the purpose of making a profit, which is independently owned and operated, has either fewer than 100 employees or less than \$1,000,000 in annual gross receipts.

**BLACK**, which includes persons having origins in any of the Black racial groups of Africa.

**WHITE**, which includes persons whose origins are Anglo-Saxon and Europeans and persons of Indo-European decent including Pakistani and East Indian.

**HISPANIC**, which includes persons of Mexican, Puerto Rican, Cuban, Central and South American, or other Spanish culture or origin, regardless of race.

**NATIVE AMERICAN**, which includes persons whose origins are American Indians, Eskimos, Aleuts, or Native Hawaiians.

**ASIAN AMERICAN**, which includes persons having origin in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands.

**Part II DEFINITIONS/ORDER OF PRECEDENCE:**

- 2.01 **BIDDING DEFINITIONS:** The City will use the following definitions in it's general conditions, special conditions, technical specifications, instructions to bidders, addenda and any other document used in the bidding process:  
**INVITATION TO BID (ITB)** when the City is requesting bids from qualified Bidders.  
**REQUEST FOR PROPOSALS (RFP)** when the City is requesting proposals from qualified Proposers.  
**BID** – a price and terms quote received in response to an ITB.  
**PROPOSAL** – a proposal received in response to an RFP.  
**BIDDER** – Person or firm submitting a Bid.  
**PROPOSER** – Person or firm submitting a Proposal.  
**RESPONSIVE BIDDER** – A person whose bid conforms in all material respects to the terms and conditions included in the ITB.  
**RESPONSIBLE BIDDER** – A person who has the capability in all respects to perform in full the contract requirements, as stated in the ITB, and the integrity and reliability that will assure good faith performance.  
**FIRST RANKED PROPOSER** – That Proposer, responding to a City RFP, whose Proposal is deemed by the City, the most advantageous to the City after applying the evaluation criteria contained in the RFP.  
**SELLER** – Successful Bidder or Proposer who is awarded a Purchase Order or Contract to provide goods or services to the City.  
**CONTRACTOR** – Successful Bidder or Proposer who is awarded a Purchase Order, award Contract, Blanket Purchase Order agreement, or Term Contract to provide goods or services to the City.  
**CONTRACT** – A deliberate verbal or written agreement between two or more competent parties to perform or not to perform a certain act or acts, including all types of agreements, regardless of what they may be called, for the procurement or disposal of equipment, materials, supplies, services or construction.  
**CONSULTANT** – Successful Bidder or Proposer who is awarded a contract to provide professional services to the City.  
The following terms may be used interchangeably by the City: ITB, or RFP; Bid or Proposal; Bidder, Proposer, or Seller; Contractor or Consultant; Contract, Award, Agreement, or Purchase Order.
- 2.02 **SPECIAL CONDITIONS:** Any and all Special Conditions contained in this ITB that may be in variance or conflict with these General Conditions shall have precedence over these General Conditions. If no changes or deletions to General Conditions are made in the Special Conditions, then the General Conditions shall prevail in their entirety,

**PART III BIDDING AND AWARD PROCEDURES:**

- 3.01 **SUBMISSION AND RECEIPT OF BIDS:** To receive consideration, bids must be received prior to the bid opening date and time. Unless otherwise specified, Bidder's should use the proposal forms provided by the City. These forms may be duplicated, but failure to use the forms may cause the bid to be rejected. Any erasures or corrections on the bid must be made in ink and initialed by Bidder in ink. All information submitted by the Bidder shall be printed, typewritten or filled in with pen and ink. Bids shall be signed in ink. Separate bids must be submitted for each ITB issued by the City in separate sealed envelopes properly marked. When a particular ITB or RFP requires multiple copies of bids or proposals they may be included in a single envelope or package properly sealed and identified. Only send bids via facsimile transmission (FAX) if the ITB specifically states that bids sent via FAX will be considered. If such a statement is not included in the ITB, bids sent via FAX will be rejected. Bids will be publicly opened in the Purchasing Office, or other designated area, in the presence of Bidder's, the public, and City staff. Bidders and the public are invited and encouraged to attend bid openings. Bids will be tabulated and made available for review by Bidder's and the public in accordance with applicable regulations.
- 3.02 **MODEL NUMBER CORRECTIONS:** If the model number for the make specified in this ITB is incorrect, or no longer available and replaced with an updated model with new specifications, the Bidder shall enter the correct model number on the bidder proposal page. In the case of an updated model with new specifications, Bidder shall provide adequate information to allow the City to determine if the model bid meets the City's requirements.
- 3.03 **PRICES QUOTED:** Deduct trade discounts, and quote firm net prices. Give both unit price and extended total. In the case of a discrepancy in computing the amount of the bid, the unit price quoted will govern. All prices quoted shall be F.O.B. destination, freight prepaid (Bidder pays and bears freight charges, Bidder owns goods in transit and files any claims), unless otherwise stated in Special Conditions. Each item must be bid separately. No attempt shall be made to tie any item or items contained in the ITB with any other business with the City.
- 3.04 **TAXES:** The City of Fort Lauderdale is exempt from Federal Excise and Florida Sales taxes on direct purchase of tangible property. Exemption number for Federal Excise taxes is 59-74-0111K, and State Sales tax exemption number is 16-03-196479-54C.
- 3.05 **WARRANTIES OF USAGE:** Any quantities listed in this ITB as estimated or projected are provided for tabulation and information purposes only. No warranty or guarantee of quantities is given or implied. It is understood that the Contractor will furnish the City's needs as they arise.
- 3.06 **APPROVED EQUAL:** When the technical specifications call for a brand name, manufacturer, make, model, or vendor catalog number with acceptance of APPROVED EQUAL, it shall be for the purpose of establishing a level of quality and features desired and acceptable to the City. In such cases, the City will be receptive to any unit that would be considered by qualified City personnel as an approved equal. In that the specified make and model represent a level of quality and features desired by the City, the Bidder must state clearly in his bid any variance from those specifications. It is the Bidder's responsibility to provide adequate information, in his bid, to enable the City to ensure that the bid meets the required criteria. If adequate information is not submitted with the bid, it may be rejected. The City will be the sole judge in determining if the item bid qualifies as an approved equal.
- 3.07 **MINIMUM AND MANDATORY TECHNICAL SPECIFICATIONS:** The technical specifications may include items that are considered minimum, mandatory, or required. If any Bidder is unable to meet, or exceed these items, and feels that the technical specifications are overly restrictive, he must notify the Purchasing Division immediately. Such notification must be received by the Purchasing Division prior to the deadline contained in the ITB, for questions of a material nature, or prior to five (5) days before bid due and open date, whichever occurs first. If no such notification is received prior to that deadline, the City will consider the technical specifications to be acceptable to all bidders.
- 3.08 **MISTAKES:** Bidders are cautioned to examine all terms, conditions, specifications, drawings, exhibits, addenda, delivery instructions and special conditions pertaining to the ITB. Failure of the Bidder to examine all pertinent documents shall not entitle him to any relief from the conditions imposed in the contract.

- 3.09 **SAMPLES AND DEMONSTRATIONS:** Samples or inspection of product may be requested to determine suitability. Unless otherwise specified in Special Conditions, samples shall be requested after the date of bid opening, and if requested should be received by the City within seven (7) working days of request. Samples, when requested, must be furnished free of expense to the City and if not used in testing or destroyed, will upon request of the Bidder, be returned within thirty (30) days of bid award at Bidder's expense. When required, the City may request full demonstrations of units prior to award. When such demonstrations are requested, the Bidder shall respond promptly and arrange a demonstration at a convenient location. Failure to provide samples or demonstrations as specified by the City may result in rejection of a bid.
- 3.10 **LIFE CYCLE COSTING:** If so specified in the ITB, the City may elect to evaluate equipment proposed on the basis of total cost of ownership. In using Life Cycle Costing, factors such as the following may be considered: estimated useful life, maintenance costs, cost of supplies, labor intensity, energy usage, environmental impact, and residual value. The City reserves the right to use those or other applicable criteria, in its sole opinion, that will most accurately estimate total cost of use and ownership.
- 3.11 **BIDDING ITEMS WITH RECYCLED CONTENT:** In addressing environmental concerns, the City of Fort Lauderdale encourages Bidders to submit bids or alternate bids containing items with recycled content. When submitting bids containing items with recycled content, Bidder shall provide documentation adequate for the City to verify the recycled content. The City prefers packaging consisting of materials that are degradable or able to be recycled. When specifically stated in the ITB, the City may give preference to bids containing items manufactured with recycled material or packaging that is able to be recycled.
- 3.12 **USE OF OTHER GOVERNMENTAL CONTRACTS:** The City reserves the right to reject any part or all of any bids received and utilize other available governmental contracts, if such action is in its best interest.
- 3.13 **QUALIFICATIONS/INSPECTION:** Bids will only be considered from firms normally engaged in providing the types of commodities/services specified herein. The City reserves the right to inspect the Bidder's facilities, equipment, personnel, and organization at any time, or to take any other action necessary to determine Bidder's ability to perform. The Purchasing Manager reserves the right to reject bids where evidence or evaluation is determined to indicate inability to perform.
- 3.14 **BID SURETY:** If Special Conditions require a bid security, it shall be submitted in the amount stated. A bid security can be in the form of a bid bond, postal money order, cashiers check, or irrevocable letter of credit. Bid security will be returned to the unsuccessful bidders as soon as practicable after opening of bids. Bid security will be returned to the successful bidder after acceptance of the performance bond or irrevocable letter of credit, if required; acceptance of insurance coverage, if required; and full execution of contract documents, if required; and full execution of contract documents, if required; or conditions as stated in Special Conditions.
- 3.15 **PUBLIC RECORDS:** Florida law provides that municipal records shall at all times be open for personal inspection by any person. Section 119.01, F.S., The Public Records Law. Information and materials received by City in connection with an ITB response shall be deemed to be public records subject to public inspection upon award, recommendation for award, or 10 days after bid opening, whichever occurs first. However, certain exemptions to the public records law are statutorily provided for in Section 119.07, F.S. If the Proposer believes any of the information contained in his or her response is exempt from the Public Records Law, then the Proposer, must in his or her response, specifically identify the material which is deemed to be exempt and cite the legal authority for the exemption, otherwise, the City will treat all materials received as public records.
- 3.16 **PROHIBITION OF INTEREST:** No contract will be awarded to a bidding firm who has City elected officials, officers or employees affiliated with it, unless the bidding firm has fully complied with current Florida State Statutes and City Ordinances relating to this issue. Bidders must disclose any such affiliation. Failure to disclose any such affiliation will result in disqualification of the Bidder and removal of the Bidder from the City's bidder lists and prohibition from engaging in any business with the City.
- 3.17 **RESERVATIONS FOR AWARD AND REJECTION OF BIDS:** The City reserves the right to accept or reject any or all bids, part of bids, and to waive minor irregularities or variations to specifications contained in bids, and minor irregularities in the bidding process. The City also reserves the right to award the contract on a split order basis, lump sum basis, individual item basis, or such combination as shall best serve the interest of the City. The City reserves the right to make an award to the responsive and responsible bidder whose product or service meets the terms, conditions, and specifications of the ITB and whose bid is considered to best serve the City's interest. In determining the responsiveness of the offer and the responsibility of the Bidder, the following shall be considered when applicable: the ability, capacity and skill of the Bidder to perform as required; whether the Bidder can perform promptly, or within the time specified, without delay or interference; the character, integrity, reputation, judgment, experience and efficiency of the Bidder; the quality of past performance by the Bidder; the previous and existing compliance by the Bidder with related laws and ordinances; the sufficiency of the Bidder's financial resources; the availability, quality and adaptability of the Bidder's supplies or services to the required use; the ability of the Bidder to provide future maintenance, service or parts; the number and scope of conditions attached to the bid.
- If the ITB provides for a contract trial period, the City reserves the right, in the event the selected bidder does not perform satisfactorily, to award a trial period to the next ranked bidder or to award a contract to the next ranked bidder, if that bidder has successfully provided services to the City in the past. This procedure to continue until a bidder is selected or the contract is re-bid, at the sole option of the City.
- 3.18 **LEGAL REQUIREMENTS:** Applicable provisions of all federal, state, county laws, and local ordinances, rules and regulations, shall govern development, submittal and evaluation of all bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid response hereto and the City by and through its officers, employees and authorized representatives, or any other person, natural or otherwise; and lack of knowledge by any bidder shall not constitute a cognizable defense against the legal effect thereof.

#### PART IV BONDS AND INSURANCE

- 4.01 **PERFORMANCE BOND/IRREVOCABLE LETTER OF CREDIT:** If a performance bond or irrevocable letter of credit is required in Special Conditions, the Contractor shall within fifteen (15) working days after notification of award, furnish to the City a Performance Bond or an Unconditional Irrevocable Letter of Credit payable to the City of Fort Lauderdale, Florida, in the face amount specified in Special Conditions as surety for faithful performance under the terms and conditions of the contract. If the bond is on an annual coverage basis, renewal for each succeeding year shall be submitted to the City thirty (30) days prior to the termination date of the existing Performance Bond. The Performance Bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida and having a resident agent. If a Letter of Credit is chosen, it must be in a form acceptable to the City, drawn on a local (Broward, Dade or Palm Beach Counties) bank acceptable to the City and issued in favor of the City of Fort Lauderdale, Florida. If a Bidder wishes to use a non-local bank, he must have prior City approval of the requirements to draw against the Letter of Credit.

Acknowledgement and agreement is given by both parties that the amount herein set for the Performance Bond or Irrevocable Letter of Credit is not intended to be nor shall be deemed to be in the nature of liquidated damages nor is it intended to limit the liability of the Contractor to the City in the event of a material breach of this Agreement by the Contractor.

- 4.02 **INSURANCE:** If the Contractor is required to go on to City property to perform work or services as a result of ITB award, the Contractor shall assume full responsibility and expense to obtain all necessary insurance as required by City or specified in Special Conditions.

The Contractor shall provide to the Purchasing Division original certificates of coverage and receive notification of approval of those certificates by the City's Risk Manager prior to engaging in any activities under this contract. The Contractor's insurance is subject to the approval of the City's Risk Manager. The certificates must list the City as an ADDITIONAL INSURED and shall have no less than thirty (30) days written notice of cancellation or material change. Further modification of the insurance requirements may be made at the sole discretion of the City's Risk Manager if circumstances change or adequate protection of the City is not presented. Bidder, by submitting his bid, agrees to abide by such modifications.

#### PART V PURCHASE ORDER AND CONTRACT TERMS:

- 5.01 **COMPLIANCE TO SPECIFICATIONS, LATE DELIVERIES/PENALTIES:** Items offered may be tested for compliance to bid specifications. Items delivered which do not conform to bid specifications may be rejected and returned at Contractor's expense. Any violation resulting in contract termination for cause or delivery of items not conforming to specifications, or late delivery may also result in:
- Bidder's name being removed from the City's bidder's mailing list for a specified period and Bidder will not be recommended for any award during that period.
  - All City Departments being advised to refrain from doing business with the Bidder.
  - All other remedies in law or equity.
- 5.02 **ACCEPTANCE, CONDITION, AND PACKAGING:** The material delivered in response to ITB award shall remain the property of the Seller until a physical inspection is made and the material accepted to the satisfaction of the City. The material must comply fully with the terms of the ITB, be of the required quality, new, and the latest model. All containers shall be suitable for storage and shipment by common carrier, and all prices shall include standard commercial packaging. The City will not accept substitutes of any kind. Any substitutes or material not meeting specifications will be returned at the Bidder's expense. Payment will be made only after City receipt and acceptance of materials or services.
- 5.03 **SAFETY STANDARDS:** All manufactured items and fabricated assemblies shall comply with applicable requirements of the Occupational Safety and Health Act of 1970 as amended, and be in compliance with Chapter 442, Florida Statutes. Any toxic substance listed in Section 38F-41.03 of the Florida Administrative Code delivered as a result of this order must be accompanied by a completed Material Safety Data Sheet (MSDS).
- 5.04 **ASBESTOS STATEMENT:** All material supplied must be 100% asbestos free. Bidder, by virtue of bidding, certifies that if awarded any portion of the ITB he will supply only material or equipment that is 100% asbestos free.
- 5.05 **OTHER GOVERNMENTAL ENTITIES:** If the Bidder is awarded a contract as a result of this ITB, he will, if he has sufficient capacity or quantities available, provide to other governmental agencies, so requesting, the products or services awarded in accordance with the terms and conditions of the ITB and resulting contract. Prices shall be F.O.B. delivered to the requesting agency.
- 5.06 **VERBAL INSTRUCTIONS PROCEDURE:** No negotiations, decisions, or actions shall be initiated or executed by the Contractor as a result of any discussions with any City employee. Only those communications which are in writing from an authorized City representative may be considered. Only written communications from Contractors, which are assigned by a person designated as authorized to bind the Contractor, will be recognized by the City as duly authorized expressions on behalf of Contractors.
- 5.07 **INDEPENDENT CONTRACTOR:** The Contractor is an independent contractor under this Agreement. Personal services provided by the Proposer shall be by employees of the Contractor and subject to supervision by the Contractor, and not as officers, employees, or agents of the City. Personnel policies, tax responsibilities, social security, health insurance, employee benefits, purchasing policies unless otherwise stated in this ITB, and other similar administrative procedures applicable to services rendered under this contract shall be those of the Contractor.
- 5.08 **INDEMNITY/HOLD HARMLESS AGREEMENT:** The Contractor agrees to protect, defend, indemnify, and hold harmless the City of Fort Lauderdale and its officers, employees and agents from and against any and all losses, penalties, damages, settlements, claims, costs, charges for other expenses, or liabilities of every and any kind including attorney fees, in connection with or arising directly or indirectly out of the work agreed to or performed by Contractor under the terms of any agreement that may arise due to the bidding process. Without limiting the foregoing, any and all such claims, suits, or other actions relating to personal injury, death, damage to property, defects in materials or workmanship, actual or alleged violations of any applicable Statute, ordinance, administrative order, rule or regulation, or decree of any court shall be included in the indemnity hereunder.

- 5.09 **TERMINATION FOR CAUSE:** If, through any cause, the Contractor shall fail to fulfill in a timely and proper manner its obligations under this Agreement, or if the Contractor shall violate any of the provisions of this Agreement, the City may upon written notice to the Contractor terminate the right of the Contractor to proceed under this Agreement, or with such part or parts of the Agreement as to which there has been default, and may hold the Contractor liable for any damages caused to the City by reason of such default and termination. In the event of such termination, any completed services performed by the Contractor under this Agreement shall, at the option of the City, become the City's property and the Contractor shall be entitled to receive equitable compensation for any work completed to the satisfaction of the City. The Contractor, however, shall not be relieved of liability to the City for damages sustained by the City by reason of any breach of the Agreement by the Contractor, and the City may withhold any payments to the Contractor for the purpose of setoff until such time as the amount of damages due to the City from the Contractor can be determined.
- 5.10 **TERMINATION FOR CONVENIENCE:** The City reserves the right, in its best interest as determined by the City, to cancel contract by giving written notice to the Contractor thirty (30) days prior to the effective date of such cancellation.
- 5.11 **CANCELLATION FOR UNAPPROPRIATED FUNDS:** The obligation of the City for payment to a Contractor is limited to the availability of funds appropriated in a current fiscal period, and continuation of the contract into a subsequent fiscal period is subject to appropriation of funds, unless otherwise authorized by law.
- 5.12 **RECORDS/AUDIT:** The Contractor shall maintain during the term of the contract all books of account, reports and records in accordance with generally accepted accounting practices and standards for records directly related to this contract. The form of all records and reports shall be subject to the approval of the City's Internal Auditor. The Contractor agrees to make available to the City's Internal Auditor, during normal business hours and in Broward, Dade or Palm Beach Counties, all books of account, reports and records relating to this contract for the duration of the contract and retain them for a minimum period of one (1) year beyond the last day of the contract term.
- 5.13 **PERMITS, TAXES, LICENSES:** The successful Contractor shall, at his own expense, obtain all necessary permits, pay all licenses, fees and taxes, required to comply with all local ordinances, state and federal laws, rules and regulations applicable to business to be carried on under this contract.
- 5.14 **LAWS/ORDINANCES:** The Contractor shall observe and comply with all Federal, state, local and municipal laws, ordinances rules and regulations that would apply to this contract.
- 5.15 **NON-DISCRIMINATION:** There shall be no discrimination as to race, sex, color, creed, age or national origin in the operations conducted under this contract.
- 5.16 **UNUSUAL CIRCUMSTANCES:** If during a contract term where costs to the City are to remain firm or adjustments are restricted by a percentage or CPI cap, unusual circumstances that could not have been foreseen by either party to the contract occur, and those circumstances significantly affect the Contractor's cost in providing the required items or services, then the Contractor may request adjustments to the costs to the City to reflect the changed circumstances. The circumstances must be beyond the control of the Contractor, and the requested adjustments must be fully documented. The City may, after examination, refuse to accept the adjusted costs if they are not properly documented, increases are considered to be excessive, or decreases are considered to be insufficient. In the event the City does not wish to accept the adjusted costs and the matter cannot be resolved to the satisfaction of the City, the City will reserve the following options:
1. The contract can be canceled by the City upon giving thirty (30) days written notice to the Contractor with no penalty to the City or Contractor. The Contractor shall fill all City requirements submitted to the Contractor until the termination date contained in the notice.
  2. The City requires the Contractor to continue to provide the items and services at the firm fixed (non-adjusted) cost until the termination of the contract term then in effect.
  3. If the City, in its interest and in its sole opinion, determines that the Contractor in a capricious manner attempted to use this section of the contract to relieve themselves of a legitimate obligation under the contract, and no unusual circumstances had occurred, the City reserves the right to take any and all action under law or equity. Such action shall include, but not be limited to, declaring the Contractor in default and disqualifying him for receiving any business from the City for a state period of time.
- If the City does agree to adjusted costs, these adjusted costs shall not be invoiced to the City until the Contractor receives notice in writing signed by a person authorized to bind the City in such matters.
- 5.17 **ELIGIBILITY:** If applicable, the Contractor must first register with the Department of State of the State of Florida, in accordance with Florida State Statutes, prior to entering into a contract with the City.
- 5.18 **PATENTS AND ROYALTIES:** The Contractor, without exception, shall indemnify and save harmless the City and its employees from liability of any nature and kind, including cost and expenses for or on account of any copyrighted, patented or un-patented invention, process, or article manufactured or used in the performance of the contract, including its use by the City. If the Contractor uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or costs arising from the use of such design, device, or materials in any way involved in the work.
- 5.19 **ASSIGNMENT:** Contractor shall not transfer or assign the performance required by this ITB without the prior written consent of the City. Any award issued pursuant to this ITB, and the monies, which may become due hereunder, are not assignable except with the prior written approval of the City Manager or selected designee.
- 5.20 **LITIGATION VENUE:** The parties waive the privilege of venue and agree that all litigation between them in the state courts shall take place in Broward County, Florida and that all litigation between them in the federal courts shall take place in the Southern District in and for the State of Florida.

City of Fort Lauderdale  
Invitation To Bid #202-8387  
Purchase of One (1) Command Operations Vehicle

**TABLE OF CONTENTS**

<b>General Conditions</b>	<b>Pg.# 2</b>
<b>PART I Introduction / Information</b>	<b>Pg#. 9</b>
<b>PART II ITB Schedule</b>	<b>Pg# 11</b>
<b>PART III Special Conditions</b>	<b>Pg# 12</b>
<b>PART IV Scope Of Services / Technical Specifications</b>	<b>Pg# 17</b>
<b>PART V Requirements Of Proposal</b>	<b>Pg# 34</b>
<b>PART VI Price List / Cost Proposal</b>	<b>Pg# 38</b>
<b>PROPOSAL SUMMARY SHEETS</b>	
<b>EXHIBIT A</b>	<b>3 PAGES</b>
<b>ATTACHMENTS</b>	

**PART I – INTRODUCTION / INFORMATION****01. PURPOSE**

The City of Fort Lauderdale, Florida (City) is seeking bids from qualified firms, hereinafter referred to as the Contractor, to provide Purchase of One (1) Command Operations Vehicle for the City's Police Department, in accordance with the terms, conditions, and specifications contained in this Invitation to Bid (ITB).

**02. INFORMATION OR CLARIFICATION**

2.1 For information concerning procedures for responding to this ITB, contact the Procurement Specialist, James Hemphill at (954) 761-5143. For information concerning the technical specifications or scope of services, contact Capt. Richard Perez at (954) 761-5615. Such contact shall be for clarification purposes only. Material changes, if any, to the scope of services or bidding procedures will only be transmitted by written addendum.

It is preferred that all questions be submitted in writing to the Purchasing Division, 100 North Andrews Avenue, Fort Lauderdale, FL, 33301; ATTN: James Hemphill. To facilitate prompt receipt of questions, they can be sent via FAX to (954) 761-5576 ATTN: James Hemphill, or VIA e-mail to: [jameshe@ci.ftlaud.fl.us](mailto:jameshe@ci.ftlaud.fl.us) Questions of a material nature must be received prior to the cut-off date specified in the ITB Schedule.

Proposers please note: No part of your proposal can be submitted via FAX. The entire proposal must be submitted in accordance with the Instructions contained in this ITB.

**03. ELIGIBILITY**

To be eligible to respond to this Invitation To Bid the proposing firm must be regularly engaged in the Command vehicle manufacturing business and have prior successful experience in providing similar services during the past five (5) years, have satisfactory financial support, required equipment and organization sufficient to ensure that they can satisfactorily provide the service if awarded a contract. demonstrate that they, or the principals assigned to the project, have successfully completed services similar to those specified in the Scope of Services section of this ITB.

03.2 Proposer must include as a part of the ITB submittal sufficient documentation, client references, and qualifications to support their ability and experience to perform the services contained in the ITB.

**04. INTERPRETATION OF BIDDING DOCUMENTS:**

Only the interpretation or correction so given by the Purchasing Manager, City of Fort Lauderdale or his designee, in writing, shall be binding and prospective proposers are advised that no other source is authorized to give information concerning, or to explain or interpret, the ITB documents.

**05. RESERVATION FOR REJECTIONS AND AWARD**

The City of Fort Lauderdale reserves the right to accept or reject any or all proposals or parts of proposals, to waive irregularities and technicalities, and to request re-proposals. The City also reserves the right to award the contract on such items the City deems will best serve the interest of the City. The City further reserves the right to award the contract on a 'split order' basis, or such combination as shall best serve the interests of the city unless otherwise specified.

**06. CONFLICT OF INTEREST**

All possible Company / City Employee conflict of interest must be disclosed.

**07. GOVERNING PROCEDURES**

This proposal is governed by the applicable sections of the City's Code of Ordinances. A copy of the code is available for review at the City Clerk's Office.

**08. MINORITY-WOMEN BUSINESS ENTERPRISE PARTICIPATION**

It is the desire of the City of Fort Lauderdale to increase the participation of minority (MBE) and women-owned (WBE) businesses in its contracting and procurement programs. While the City does not have any preference or set aside programs in place, it is committed to a policy of equitable participation for these firms. Proposers are requested to include in their proposals a narrative describing their past accomplishments and intended actions in this area. If proposers are considering minority or women owned enterprise participation in their proposal, those firms, and their specific duties have to be identified in the proposal. If a proposer is considered for award, he may be asked to meet with City staff so that the intended MBE/WBE participation can be formalized and included in the subsequent contract.

See General Conditions Section 1.08 for MBE and WBE definitions.

**08.1. CERTIFICATION BY BROWARD COUNTY, FLORIDA**

If awarded a contract or purchase order as a result of this solicitation, and if the awarded contractor/vendor is claiming minority status in accordance with Section 1.08 of the General Conditions, then said awarded contractor/vendor shall apply for certification by Broward County, Florida, **Division of Equal Employment and Small Business Opportunity**. Contractor/vendor shall provide documentation of application status, and once approved or disapproved by Broward County, must also provide that documentation to the Purchasing Division of the City of Fort Lauderdale.

**09. LOBBYIST ACTIVITIES**

ALL BIDDERS/PROPOSERS PLEASE NOTE: Any bidder or proposer submitting a response to this solicitation must comply, if applicable, with City of Fort Lauderdale Ordinance No. C-00-27, Lobbying Activities. Copies of Ordinance No. C-00-27 may be obtained from the City Clerk's Office on the 7th Floor of City Hall, 100 N. Andrews Avenue, Fort Lauderdale, Florida. The ordinance may also be viewed on the City's website at <http://ci.ftlaud.fl.us/documents/index.htm>.

**PART II - ITB SCHEDULE**

Release ITB	9/8/00
Last Date for Receipt of Questions of a Material Nature	9/14/00
Addendum Release (If required)	9/18/00
PROPOSAL DUE (Prior to 2:00 PM)	10/2/00
City Commission Award of Contract (Estimated)	10/17/00

**PART III - SPECIAL CONDITIONS****01. GENERAL CONDITIONS**

ITB General Conditions Form G-107 Rev. 11/98 (GC) are included and made a part of this ITB as Exhibit "A".

**02. VARIANCES**

While the City allows Contractors to take variances to the ITB terms, conditions, and specifications, the number and extent of variances taken will be considered in determining proposal responsiveness and in allocating proposal evaluation points. See Section 1.06 of GC.

**03. NEWS RELEASES/PUBLICITY**

News releases, publicity releases, or advertisements relating to this contract or the tasks or projects associated with the project shall not be made without prior City approval.

**04. ITB DOCUMENTS**

The Contractor shall examine this ITB carefully. Ignorance of the requirements will not relieve the Contractor from liability and obligations under the Contract.

**05. PROPOSERS' COSTS**

The City shall not be liable for any costs incurred by proposers in responding to this ITB.

**06. RULES AND PROPOSALS**

The signer of the proposal must declare that the only person(s), company or parties interested in the proposal as principals are named therein; that the proposal is made without collusion with any other person(s), company or parties submitting a proposal; that it is in all respects fair and in good faith, without collusion or fraud; and that the signer of the proposal has full authority to bind the principal proposer.

**07. FAMILIARITY WITH LAWS**

All proposers are required to comply with all Federal, State and Local Laws, Codes, Rules and Regulations that govern and control the actions and operations of this proposal.

**08. CONFLICT OF INSTRUCTIONS**

If a conflict exist between the General Conditions and instructions contained herein, and the Specific Conditions and instructions contained herein, the specifics shall govern.

**09. CONFIDENTIAL INFORMATION**

Florida law provides that municipal records shall at all times be open for personal inspection by any person. Section 119.01, F.S., The Public Records Law. Information and materials received by City in connection with all Proposer's response shall be deemed to be public records subject to public inspection upon award, recommendation for award or 10 days after bid opening, whichever occurs first. However, certain exemptions to the public records law are statutorily provided for in Section 119.07, F.S. Therefore, if the Proposer believes any of the information contained in his or her response is exempt from the Public Records Law, then the Proposer must in his or her response specifically identify the material which is deemed to be exempt and cite the legal authority for the exemption, otherwise, the City will treat all materials received as public records.

**10. PUBLIC ENTITY CRIMES**

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.

NOTE: Proposer, by submitting a proposal attests they have not been placed on the convicted vendor list.

**11. AVAILABILITY OF FUNDS**

The obligations of the City under this award are subject to the availability of fund lawfully appropriate and budgeted for this project.

**12. PRICES:**

12.1 All prices quoted shall include delivery/handling charges.

12.2 Firm Price: The City of Fort Lauderdale will not accept any proposals that do not guarantee a firm price until completion of order.

**13. AWARD**

The City of Fort Lauderdale will be the sole judge in determining if the product proposed and delivery time meets our requirements. The City reserves the right to award to that bidder which will best serve the interest of the City as determined by the City. The City further reserves the right to waive minor variations to the specifications and in the bidding procedure.

**14. TAXES AND PERMITS:**

The State, any county, municipality or political subdivision of this State is exempt from the sales tax, except this exemption shall not include sales of tangible personal property made to contractors employed either directly or as agents of any such government or political subdivision thereof when such tangible personal property goes into or becomes a part of public works owned by such government or political subdivision thereof. The bidder shall take these factors into consideration in preparing his proposal, including therein the cost of the State and Use Tax on materials, but excluding the cost of those taxes and permits not applicable.

**15. SELLING, TRANSFERRING OR ASSIGNING CONTRACTS**

No contract awarded under these terms, conditions and specifications shall be sold, transferred or assigned without the written approval of The City of Fort Lauderdale.

**16. APPROVED EQUAL OR ALTERNATE PRODUCT PROPOSALS**

16.1 The Technical Specifications contained in this ITB are to be used as a reference only and are not to be considered of a proprietary nature. These specifications represent a level of quality and features which are desired by the City. The City is receptive to any product that would be considered by qualified City personnel as an approved equal.

**16. APPROVED EQUAL OR ALTERNATE PRODUCT PROPOSALS (Cont.)**

16.2 The proposer must state clearly in his proposal pages any variance to the specifications. If proposing an approved equal or alternate product, it will be the proposer's responsibility to provide adequate information in his proposal to enable the City to ensure that the proposal meets the required criteria. **It is required that complete descriptive technical literature on the item being bid, be submitted with the bid.** Such literature shall be in sufficient detail to indicate conformance with the specifications of the make(s) and model(s) specified in the bid. If adequate information is not submitted with the proposal, The proposal may be rejected.

16.3 The City of Fort Lauderdale will be the sole judge in determining if the product proposed qualifies as approved equal. The City reserves the right to award to that proposal which will best serve the interest of the City as determined by the City. The City further reserves the right to waive minor variations to specifications and in the evaluation process.

**17. INSPECTION AND TESTING OF MATERIALS:**

The materials, patterns, fabricated member and assembled or partially assembled items may be inspected at the factory, or elsewhere, by a representative of the City at any time during the process of manufacture or until final delivery and acceptance, to determine whether or not there is compliance with the requirements of these specifications. Approval prior to the time of final acceptance shall not preclude rejection of delivered items which do not satisfy these specifications.

**18. SUBCONTRACTING**

In the event subcontracting is permitted, each subcontractor candidate shall be promptly reported to the City with enough detail to allow the City to properly review the proposed candidate. The City reserves the right to approve or disapprove of any subcontractor candidate in its best interest.

The Contractor will include all provisions of this proposal in every subcontract under this contract – so that such provisions will be binding upon each subcontractor.

**19. DEFAULT PROVISIONS**

In the event of default by the Proposer, the City reserves the right to procure the item(s) / services proposed from other sources and hold the proposer responsible for excess cost incurred as a result. A contractor who defaults on a City contract may be banned from doing business with the City for a period of 36 months from the date of default.

**20. BONDS / IRREVOCABLE LETTER OF CREDIT**

The Contractor will execute and deliver to the City, within thirty (30) days after notification of award, a Cash Deposit, Performance Bond, or Unconditional Irrevocable Letter of Credit payable to the City, in the face amount equal to fifty percent (50%) of the contract price as surety for faithful performance under the terms and conditions of the contract. The Performance Bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida, and having a resident agent. If a letter of credit is chosen, it must be in a form acceptable to the City, drawn on a bank acceptable to the City, and issued in favor of the City.

Acknowledgment and agreement is given by both parties that the amount herein above set is not intended to be or shall be deemed to be in the nature of liquidated damages nor is it intended to limit the liability of the Contractor to the City in the event of a material breach of the Agreement by the Contractor.

**21. INDEMNITY/HOLD HARMLESS AGREEMENT**

The Contractor agrees to protect, defend, indemnify, and hold harmless the City of Fort Lauderdale and its officers, employees and agents from and against any and all losses, penalties, damages, settlements, claims, costs, charges for other expenses, or liabilities of every and any kind including attorney fees, in connection with or arising directly or indirectly out of the work agreed to or performed by Contractor under the terms of any agreement that may arise due to the bidding process. Without limiting the foregoing, any and all such claims, suits, or other actions, relating to personal injury, death, damage to property, defects in materials or workmanship, actual or alleged violations of any applicable statute, ordinance, administrative order, rule or regulation, or decree of any court, shall be included in the indemnity hereunder.

**22. LIABILITY**

Vendor, upon award, shall defend any and all suits and assume all liability for use and all claims made against the purchaser or any of its officials or agents for the use of any patents, process, device or article forming a part of the vehicle or any appliance furnished under the contract.

**23. INSURANCE**

Vendor shall maintain full insurance coverage on Vehicle until the completed unit is delivered to and accepted by the City of Fort Lauderdale.

**24. ANTI-COLLUSION STATEMENT**

By submitting this proposal, the Proposer affirms that this proposal is without previous understanding, agreement, or connection with any person, business, or corporation submitting a proposal for the same materials, supplies, or equipment, and that this proposal is in all respects fair, and without collusion or fraud.

**25. DESIGN**

The design of the equipment must be in accordance with the best engineering practices. The equipment design and accessory installation shall permit accessibility for use, maintenance and service. All components and assemblies shall be free of hazardous protrusions, sharp edges, cracks or other elements that might cause injury to personnel or equipment.

All oil, hydraulic and air tubing lines and electrical wiring shall be located in protective positions properly attached to the frame or body structure and shall have protective loom or grommets at each point where they pass through structural members.

**26. ACCESSIBILITY**

Parts and components will be located or positioned for rapid and simple inspection and recognition of excessive wear or potential failure. Whenever functional layout of operating components determines that physical or visual interference between items cannot be avoided, the item predicted to require the most maintenance shall be located for best accessibility.

Cover plates that must be removed for component adjustment or part removal must be equipped with quick-disconnect fastenings or hinged panels.

Drains, filler plugs, grease fittings, hydraulic lines, bleeders and check points for all components shall be located so that they are readily accessible and may require special tools for proper servicing. Design practices should minimize the number of tools required for maintenance.

All components should be designed and protected so that heavy rain or other adverse weather conditions will not interfere with normal servicing or operation.

**27. GENERAL CONSTRUCTION**

The vehicle shall be constructed with due consideration to the nature and distribution of the load to be sustained and to the general characteristics of the service.

Critical dimensions, identified by the customer or indicated in specifications are subject to a plus or minus 1/4" tolerance.

Materials shall conform to the specifications listed herein. When not specifically listed, materials shall be of the best quality for the purpose of commercial practice. Materials shall be free of all defects and imperfections that might affect the serviceability of the finished product.

**28. CONSTRUCTION PERIOD**

**Time is the essence** and will be considered as part of this bid. Delivery is desired 90 days after receipt of a Purchase order. The maximum period for vehicle delivery shall be less than 150 days after receipt of order. Offers that propose delivery that will not clearly fall within the applicable required delivery period specified in this solicitation, will be subject to rejection. Vendor will not be held liable for delay in delivery caused by accidents, strikes, floods or other events not subject to control. Failure of Vendor to meet this delivery date shall result in a \$200/day penalty for each day the delivery is delayed. This penalty will automatically be deducted from vendor's invoice.

**29. ACCEPTANCE**

Before acceptance of the equipment to be furnished under this bid, the City shall have the right to inspect and test the equipment to ascertain that all requirements of these specifications and the notice have been fully complied with and that the equipment is proper and complete in every respect and in perfect working order. It is understood and agreed that at the time of delivery, purchaser shall have the right to make such test of the equipment, prior to acceptance.

**30. DELIVERY**

Should the City choose to have the vehicle delivered, the vehicle will be delivered by a factory authorized Delivery Technician. They shall provide the purchaser with full instruction on operation, care and maintenance of the apparatus. The Technician shall be available as long as reasonably requested by the City. Any delivery charges are to be clearly stated in the bid.

- End of Section -

**PART IV - TECHNICAL SPECIFICATIONS / SCOPE OF SERVICES**

**One (1) each – COMMAND OPERATIONS VEHICLE with specialized equipment, such as surveillance and communications capability.** This vehicle shall be utilized to provide effective on-scene command, control, and communications for large emergency scene mitigation and recovery operations. It is designed to provide a self contained, self-supporting, all weather platform to allow personnel operating within an effective on-scene incident management facility. The vehicle is designed to provide complete communications, information management system, and work space required to effectively manage and mitigate large scale emergencies as well as serving as an emergency back-up to emergency dispatching operations.

**NOTE:** The Technical Specifications contained in this ITB are to be used as a reference only and are not to be considered of a proprietary nature. These specifications represent a level of quality and features that are desired by the City. The City is receptive to any product that would be considered by qualified City personnel as an approved equal.

The City staff requires that all systems, seating, and other components be installed in the vehicle in the same location as the attached drawings (See Exhibit A).

The Command Operations vehicle shall be built on a commercial duty, straight-truck type utility chassis and an all-aluminum utility body. Non-commercial or recreational vehicle type chassis and bodies are not acceptable. The specifications reflect specific requirements by the City of Fort Lauderdale Staff to meet the needs and requirements of the department. The City reserves the right to reject any or all bids for lack of compliance to specifications or lack of adequate funding or experience.

**ALL RESPONSES MUST BE IN THE SAME FORMAT, ITEM FOR ITEM AS LISTED BELOW.** PLEASE INDICATE THE SPECIFICATIONS FOR YOUR VEHICLE IN THIS FORMAT. Items that do not pertain to your vehicle should be indicated with a 'N/A' symbol. If your vehicle offers additional items please indicate those items, under the appropriate heading with an '\*' symbol or other such notation.

**CHASSIS/BODY DIMENSIONS:**

- 1. Wheelbase of chassis: 276"
- 2. Overall length of apparatus, including rear step: 473"
- 3. Overall apparatus width, rub rail to rub rail: 96"
- 4. Rear step height from ground (loaded): 24"\*
- 5. Overall height of apparatus (loaded): 144"\*
- 6. Interior walkway height raw body: 85"
- 7. Interior walkway height finished: 83"
- 8. Interior walkway length: 360"
- 9. Interior raw body width: 93"
- 10. Interior finished body width: 86"

**\*Note:** Estimated measurement dependent on chassis components, axles, tires, frame, suspension, and roof mounted equipment.

**CHASSIS REQUIREMENTS:**

1. 2000 *Freightliner* MT-55 or equal - forward control chassis. 29,000 lb. GVWR with rear air ride suspension.
2. WARRANTY: Five (5) year/50,000 mile extended *Cummins* engine, *Allison* Transmission, and *Rockwell* axle warranty on chassis.

**ENGINE:**

1. *Cummins* ISB 260 HP turbo-charged diesel engine (260 hp @ 2600 rpm, 550 LB/FT of torque @ 1600 RPM).
2. Heaviest duty cooling system available with provision for transmission cooling.
3. *Eaton* viscous fan drive.
4. Silicone radiator hoses with constant torque clamps where possible.
5. Anti freeze to -35°F (Ethylene Glycol premixed to .50/50).
6. Frontal air intake with FARR ECO-SE air cleaner mounted on rail.
7. Electronic integral engine warning and derate protect system.
8. Single horizontal inboard exhaust with horizontal tail pipe forward of rear tires on driver's side with chrome exhaust tip.
9. *Cummins* supplied remote mounted fuel water separator with heater.
10. Full flow oil filter.
11. *Phillips* 1,000 watt block heater wired to switch on control panel.

**INSTRUMENTATION AND CONTROLS:**

1. Electronic fuel quantity gauge.
2. Temperature and oil pressure gauge.
3. Charge indicator (voltmeter).
4. Electronic speedometer with odometer.
5. Electronic cruise control with switches in left hand dash panel.
6. Transmission temperature gauge.
7. Electronic 3,000 RPM tachometer.
8. Warning lamp light bar display in dash.
9. Oil pressure activated hour meter.

**TRANSMISSION:**

1. *Allison* 2000 heavy-duty 5-speed automatic transmission. Mechanical Ratios are as follows:

First	3.51:1
Second	1.90:1
Third	1.44:1
Fourth	1.00:1
Fifth	0.74:1
Reverse	-5.09:1
2. Transmission water-to-oil cooler.
3. Transmission mounted parking brake with dash control knob.

**AXLES & SUSPENSION:**

1. *Meritor(Rockwell)* FD-965, 10,000 lb front axle.
2. 10,000 lb. taperleaf front springs with maintenance free rubber bushings.
3. *Meritor(Rockwell)* RS-19-145, 19,000 lb. rear axle.
4. 5.57:1 gear ratio. With this gear ratio the maximum geared speed is 74.5 MPH, the truck will maintain 64 MPH on a 25% grade and can come to a complete stop on a 35% grade and begin moving power again.
5. *Freightliner* 20,000 lb. *Airliner* rear air ride suspension.
6. 1550 Spicer half round yoke driveline with driveshaft guard.
7. Heavy duty front and rear shock absorbers.

**BRAKES:**

1. *Bosch* 4-wheel hydraulic disc front and rear with Wabco 4-channel ABS w/o traction control.
2. Front and rear disc brake dust shields.

**STEERING:**

1. *Ross* TRW TAS-65 power steering.
2. *Douglas* tilt/telescopic steering column.

**FUEL:**

1. 90 gallon/340 Liter rectangular steel fuel tank mounted between frame rails behind rear axle with drivers side fuel fill.

**FRAME:**

1. 5/16" x 2.81" x 9.13" 50,000 psi steel frame.
2. Frame RBM is 540,000 lbf/in/rail or 1,080,000 total.
3. Frame warranty is 5 years/ 100,000 miles.
4. Frame is constructed using only grade 8 bolts.

**ELECTRICAL:**

1. *Leece Neville* 200 amp alternator model 4884.
2. Dual *Freightliner* 931 MF min 1310 CCA batteries.
3. Automatic self-reset circuit breakers.
4. *Delco* 12 VDC 28MT starter.
5. Dual electric horns.
6. *Wagner* 552 turn signal and hazard flashers.

**TIRES AND WHEELS:**

1. Two (2) 10R22.5 *Michelin XZE* 14 ply highway tread radial tires (front). (Load rating for both tires 11,360 lbs.).
2. Four (4) 10R22.5 *Michelin XZE* 14 ply highway tread radial tires (rear). (Load rating for all four tires 20,320 lbs.).
3. Four (4) 10-stud hub-piloted 22.5" x 7.5" aluminum wheels and two (2) inside rear steel wheels 22.5" x 7.5".
4. Aluminum wheels include Alcoa chrome trim kits with center cap and lug nut covers.

**BODY REQUIREMENTS:**

1. Body shall be 30' long Grumman Olson all aluminum step van body.
2. Body shall have sedan door streetside with slider window. Door to have continuous stainless steel piano hinge and two (2) nylon door straps.
3. Body shall have sedan door curbside with slider window. Door to have continuous stainless steel piano hinge and two (2) nylon door straps.
4. Install one (1) 32" wide x 82" high 0.125" aluminum curbside sedan door with 21.5" wide x 25.5" high fixed window and mini-blind. Door shall have continuous stainless steel piano hinge and two (2) nylon door straps. Door shall have an aluminum drip rail installed above door.
5. Driver/passenger and side doors shall have a 0.125" aluminum treadplate stepwell with automatic courtesy lights in door stepwells that operate when door is opened with defeat switch located on dash.
6. Provide and install two (2) pull out entry steps with aluminum diamond plate step surface at curbside door location(s).
7. Provide and install lighted grab handles at each entrance door location per 12 VDC section.
8. Install black non-skid tape to all door entry sills.
9. Doors to have yellow/black warning tape applied to inside door edge.
10. Slam lock, key-to-lock hardware on all doors.
11. *Whelen 97 series* stop/tail, turn and reverse lights.

**BODY REQUIREMENTS (Cont.):**

12. Extruded aluminum 0.125" x 2" x 3" I-beam sidewall stiffeners to be on 24" centers. I-beam shall have a center web located 1.5" from body skin with a 1.125" slot, 4" from top of stiffener and 10" long to run 120 VAC conduit around perimeter of truck.
13. 0.125" strain-hardened aluminum alloy side panels buck-riveted to side wall stiffeners for superior strength and durability.
14. One piece 0.040" aluminum roof with extruded aluminum 1.5" I-beam roof bows on 24" centers.
15. Body shall have additional roof bows in the six feet preceding the transom so that the supports are spaced at 12" on center.
16. Lift up fiberglass hood with quartz halogen headlamps and turn signal indicators.
17. Painted steel front bumper to match lower body color.
18. Full body width 12" deep aluminum rear bumper with grip-strut center step and side kidneys painted to match lower body color.
19. Rear mud flaps with anti-sail brackets.
20. Grumman Olson installed integral cab air conditioning and heating system on A/C prep chassis.
21. *Velvac* heated remote control rear view mirrors.
22. Tinted safety plate glass windshield with driver's and passenger's sun visors.
23. High back Seats Inc. Magnum 200 *mechanical suspension* black Tuff Tex cloth driver's bucket seat on fixed pedestal, with arm rests, lumbar, tilt back and 3-point seat belt.
24. Passenger jump seat with seat belt.
25. Two-speed windshield wiper/washer with single heavy-duty windshield wiper motor.
26. Rubber mat in driver's and passenger's toe plate area.
27. The entire underside of the apparatus body shall be undercoated by body manufacturer.
28. Engine box cover with acoustical and thermal insulation to prevent air and noise leaks, and provides easy engine access and a flat working surface with storage areas.
29. Extruded aluminum floor with interlocking planks eliminates air and water leaks and grooved rear sill with drain holes keeps cargo dry.
30. *Grumman Olson* installed front tow hooks under front bumper and rear frame mounted tow eyes.
31. *Grumman Olson* installed rear 45" diameter 1/8" aluminum fender flares riveted to body and painted to match lower body color.
32. Body has a standard structural warranty of 5 years or 50,000 miles; and standard component warranty of 12 months or 12,000 miles.

**PAINTING SPECIFICATIONS:**

1. The final finishing of this vehicle shall be to commercial truck standards. The vehicle shall be fully sanded on all exterior surfaces with no more than 150 grit to assure removal of imperfections in metal surface. All sheet metal shall be chemically cleaned and metal etched with acid type cleaners and spray.
2. The entire apparatus shall then be painted two-tone with *Sikkens* paint for high gloss and hard finish. Upper color to be GMA 79 code 12 white. (Lower color to be determined).

**GRAPHICS**

1. Install one (1) 4 inch wide reflective stripe on the exterior (back and sides) of the vehicle. It is to be placed up to 48" above the ground level.
2. Install custom computer generated vinyl graphics per department specifications. (50-70) 8"-10" letters and (30-45) 3"-6" letters. All lettering to be shaded or outlined. Colors to be determined.

**DRIVER / PASSENGER CAB AREA:**

1. Cab subceiling to be ½" plywood, APA-NRB-IO8FHA-UM-66.
2. Cover subceiling with *Veelok* Oxford light grey 22 oz. ribbed loop pile fabric.
3. Driver and passenger doors are to have ¼" plywood subwall, APA-NRB-IO8FHA-UM-66.
4. Cover doors with padded vinyl. Color to be determined.
5. Doors to have .100" bright aluminum treadplate kick plate at bottom.
6. Heavy-duty rubber grab handles to be installed on each door.
7. Work area on passenger side to be constructed of ¾" plywood covered by *Royal Scot* 26 oz. carpet, color to be determined.
8. Install one (1) 15 amp 120 VAC specification grade duplex outlet with stainless steel cover in upper right corner of work area.
9. Trim work area with 3" high black PVC molding.
10. Install pull out drawer with flip up work surface centered between driver and passenger. Drawer to have chrome plated locking latch, drawer frame and face to be covered with black laminate.
11. Install one (1) *Federal Signal Littlite* 18" gooseneck mini high-intensity work light near drawer.

**DRIVER / PASSENGER CAB AREA (Cont.):**

12. Control panels for I2OVAC / I2VDC systems and battery disconnects are to be located in the overhead console. The console is to be constructed of ¾" plywood and finished with black laminate.
13. Install one (1) red/white dome light under overhead console.
14. Install two (2) 6" front windshield fans.
15. Install one (1) *Pioneer FH-P404* (or current model) 40 watt x 4 Double-Din AM/FM stereo cassette with high power CD player and direct EQ, two (2) pair *Pioneer TSA6959* 6"x9" three-way 160 watt speakers. One pair in driver's area and one pair in rear with L-pad volume control.
16. Install sign on dash with vehicle height listed.
17. Install one (1) *Clarion #CC85OE* (or current model) closed circuit camera and *Clarion #CK854B* (or current model) monitor to view the area to the rear of the vehicle.
18. Vehicle shall have a Final stage Vehicle Certification and Altered Vehicle Certification as required by Federal Motor Vehicle Safety Standards FMVSS 49 CFR Part 567.5 and 567.7
19. Install a payload sticker in cab area with vehicle axle loads and available axle payload as built.

**BLACK-OUT CURTAINS:**

- I. Provide black-out curtains for all cab area windows:
  - a.) Black out curtains to be custom fit to cab windows.
  - b.) Curtains to be made of woven fabric made of 100% SEF/FR® self-extinguishing fibers. These are modacrylic solution dyed fibers with a fluorocarbon finish.
  - c.) Weight is approximately 9.25 oz. per square yard.
  - d.) Material to be solution dyed and guaranteed not fade, mildew or rot for 5 years.
  - e.) Seams are to be double stitch/single fold with 1" sewn in hook and loop or nickel plated fasteners.
  - f.) Fabric shall meet FMVSS 571.302 requirements for use in the cab air space.

**WALLS, CEILING AND FLOOR:**

1. Insulate walls and ceiling with a minimum of 2 1/2" of fiberglass.
2. Cover interior body sideposts with 3/4" plywood subwall, #APA-NRB1 O8FHA-UM-66.
3. Cover subwall with *Kemlite* .075" fiberglass reinforced plastic (FRP) lining. Wall covering is to be a continuous piece front to back, no seams acceptable.
4. Cover interior roof supports with 1/2" plywood, #APA-NRB-1O8FHA-UM-66.
5. Cover ceiling with *Veelok* Oxford 22 oz. ribbed loop pile fabric (light grey).
6. All bulkheads to be covered with *Kemlite* .050" FRP.
7. Install two (2) Fiberglass Reinforced Plastic (FRP) covered plywood bulkhead with 30" FRP covered pocket door to separate sections as shown.
8. Install 5/8" exterior grade tongue-n-groove plywood underlayment for floor, #APA-NRB-1O8FHA-UM-66.
9. Floor to be covered with *Lonseal Loncoin II Fleckstone* non-skid commercial grade PVC flooring. The flooring is to be continuous piece front to back. Color to be determined.
10. Cover load space entry doors with 1/2" exterior grade plywood and *Kemlite* .075" FRP. Door to have .100" bright aluminum tread plate kick plate at bottom.
11. Provide toe-kick (mop board) protection where possible in areas where floor meets walls.

**CABINETS:**

1. Fabricate and install interior storage cabinets, counters, shelves, tables and work stations as shown in drawings.
2. All cabinets fronts to be constructed of oak, stained and finished with three coats of catalyzed lacquer.
3. All exposed cabinet sides are to be 3/4" oak laminated plywood, stained and finished with three coats of catalyzed lacquer.
4. All cabinet interiors to be constructed of 3/4" exterior grade poplar plywood, stained and finished with three coats of catalyzed lacquer.
5. All cabinets are to be glued and screwed.
6. No exposed fasteners are acceptable on oak cabinet exteriors. All screws are to be countersunk and plugged with solid oak plugs.
7. Shelves to be constructed of 3/4" exterior grade poplar plywood with no voids on sides and have 2" extruded aluminum front lip.

**CABINETS (Cont.):**

8. All shelving to be adjustable on ½" increments using zinc plated track and hardware.
9. All overhead cabinet doors are to have dry erase board doors (per drawings). Latches are to be fully concealed.
10. All other cabinet doors and drawer fronts are to be oak laminated medium density fiberboard and have chrome plated fixed handles and thumb locks.
11. All horizontally hinged overhead cabinet doors will be held open with gas charged lift/support cylinders.
12. All drawers are to use heavy-duty, ball bearing, double-action drawer slides.
13. Install *Pendaflex* hanging file racks in all deep file drawers.
14. Countertops are to be covered in .040" *Wilsonart* laminate (color to be determined). All exposed edges are to be ¾" x 1 ½" solid oak with beveled top edge to prevent chipping.
15. All areas where countertops, cabinets, bulkheads and walls meet are to be sealed with white silicone caulk. No exceptions.
16. Install pencil drawers under countertops at work stations as indicated in drawings.

**INTERIOR:**

1. One (1) 30" x 12" deep-tint horizontal sliding window with mini-blinds located per blue prints.
2. One (1) 36" x 24" deep-tint horizontal sliding egress window with mini-blinds located per blue prints.
3. Install six (6) *United Ergonomic* Uni-chairs model NSX-11 (or current model) with high backs, armrests, five caster spider base and adjustable height (color to be determined).
4. Install two (2) *Kidde* Pro Line model PRO5TCM 3-A: 40-B:C 5 pound dry chemical fire extinguishers.
5. Install three (3) *First Alert* 9 volt combination Carbon Monoxide and smoke alarms.
6. Install white dry erase boards and pin boards framed in solid oak as shown in drawing. (9 total)
7. Panels under countertops are to be removable to access transceivers where ever applicable.

**GALLEY AND LAVATORY:**

1. Install one (1) *Samsung* model MW4390W (or current model) 700 watt microwave oven.
2. Install one (1) *Black & Decker* model ODC300/0915 (or current model) undercabinet coffee maker.
3. Install one (1) *Norcold* model DE451 (or current model) 12VDC/12OVAC 1.94 cu. ft. refrigerator.
4. Install one (1) 10" x 14" stainless steel galley sink with chrome plated laboratory style sink hardware.
5. Install fresh water/waste tank level monitor in galley area.
6. Install one (1) GFCI duplex wall outlet and stainless steel cover in galley area.
7. Install one (1) *Perma-Flush* model F28011 (or current model) low-profile toilet in lavatory.
8. Install one (1) 10" round stainless steel lavatory sink with chrome plated sink hardware.
9. Install a chrome plated paper towel holder and a chrome plated toilet paper holder in lavatory.
10. Install one (1) GFCI duplex wall outlet and stainless steel cover in lavatory area.

**GALLEY AND LAVATORY (Cont.):**

11. Install one (1) Par model #36950-2000 (or current model), 3 GPM water pump with accumulator tank.
12. Install one (1) 2½" gallon fast recovery hot water heater.
13. Vehicle to carry a 30 gallon fresh water supply and a 35 gallon waste tank.
14. All plumbing pressure pipes shall be CPVC.
15. Underbody fresh water and grey water tanks are to be heated and all plumbing insulated and wrapped with heat tape.
16. Sewage hose and dump valve shall be provided for holding tank.
17. Install a regulated city water fill so that system can be pressurized using city water when available.

**BENCH SEATING:**

1. Bench seat cushions to be covered in heavy-duty cloth with vinyl sides (color to be determined).
2. Foam for bench seating must meet the following minimum requirements:
  - a.) Seat bottoms to have a minimum density rating of 26.
  - b.) Seat bottoms to have a minimum compression rating of 65.
  - c.) Support factor to be 2.2.
  - d.) Tapered front top angle to be 82°.
  - e.) Seat backs are to have a minimum density rating of 28.
  - f.) Seat backs are to have a minimum compression rating of 50.
  - g.) Tapered rear bottom angle to be 68°.
3. All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302 Flammability of interior materials.
4. Bench seat construction must meet the following minimum requirements:
  - a.) Seam stitching to be done with 8 oz. bonded nylon thread.
  - b.) Material corners to be squared or angled to fit precise cut of foam.
  - c.) Foam is to be bonded to ¾" plywood backer with industrial grade elastomer adhesive.
  - d.) Bottom and sides are to be completely sanded.
  - e.) Stapling of fabric/vinyl to backer with industrial grade upholstery staples.
  - f.) No more than a ½" space is acceptable between staples around the entire perimeter.
5. All fabric shall have Scotch Guard applied.

**120/240 VAC ELECTRICAL SYSTEM**

1. Install one (1) *Kohler* 15 KW 120/240VAC liquid-cooled diesel generator. The generator is to be mounted in a custom fabricated compartment. The compartment shall be insulated and sound attenuated.
2. Generator compartment is to be lined with lead and then insulated with 1" foil covered ceramic fiber blanket. Ceramic fiber material is to have a maximum temperature rating of 2,300°, a melting point of 3,000°, and a continuous use limit of 1,800°. Density rating not to be less than 6-16 PCF. Materials are to be glued and screwed in place.
3. Compartment is to be constructed to the following specifications:
  - a.) Compartment is to be constructed from .187" aluminum and is to have all welded seams.
  - b.) Compartment is to have .125" aluminum, 2" box pan doors and .125" aluminum frames.
  - c.) Door frames are to be riveted to the body and welded to the compartments.
  - d.) Doors are to have stainless steel hinges and hinges are to be attached to the doors and door frames with stainless machine screws only.
  - e.) Doors are to have slam lock latches and stainless rotary D-Ring handle.
  - f.) Doors are to have .100" polished aluminum diamond plate on interior surfaces.
  - g.) Doors are to be held open in a 90° position with gas charged lift/support cylinders.
  - h.) Doors to be sealed with industrial grade neoprene gasket.
  - i.) Compartment is to have internal lighting when door is open.
4. Install one (1) 120/240VAC control panel with generator and shore power main breaker, eleven (11) UL listed magnetic/hydraulic branch circuit breakers with amber LED indicators to show activation, digital voltmeter, digital frequency meter, digital ammeter, generator stop/start switch, generator hourmeter, shore power reverse polarity indicator and rotary transfer switch.
5. Install one (1) *Marinco* 50A-125/250VAC waterproof shore power inlet, one (1) 50' 50 amp shore power cord and 6' 50A pigtail.
6. Install one (1) *Kussmaul* Auto Eject 20, 20 amp shore power inlet with 25' 20 amp/120VAC shore power cord.
7. Provide seventeen (17) specification grade 15A-125VAC duplex receptacles with stainless steel wall plates.
8. Provide four (4) specification grade 20A-125VAC exterior GFI duplex receptacles with weatherproof PVC covers. These receptacles will be wired in pairs, front and rear, to two (2) independent 20A circuit breakers located in the 120VAC electrical load distribution center.
9. Three (3) *Coleman* HP<sup>2</sup> 15,000 BTU air conditioners, each with 13,000 BTU heat pump, 5,600 BTU heat strip and condensation drip tray. The heat pump operates from temperatures 45 degrees and above while the electric heat strip will operate when the temperature drops below 45 degrees.
10. Install two (2) *Havis Shields* model 1125, 500 watt Alpha 2000 quartz halogen lights mounted on Kwik-Raze telescoping poles.

**120/240 VAC ELECTRICAL SYSTEM (Cont.):**

11. All 120/240VAC main wiring is to be stranded THHN wire and run in non-metallic *Carlton* Carflex liquid tight conduit.
12. All 120/240VAC branch circuit wiring is to be stranded THHN wire (AWG 12 minimum) and run in non-metallic *Carlton* Carflex liquid tight and *Carlton Flex-Plus* blue ENT conduit.
13. All electrical circuits and appliances shall conform to applicable national electrical codes.

**I2VDC ELECTRICAL SYSTEM:**

1. Six (6) *Trojan* T125 deep-cycle batteries. Batteries shall be installed underbody in slide out weather resistant powder coated - steel compartments, with all aluminum box pan doors with chrome plated paddle latches. Tray releases to be twin galvanized barrel bolts with hand grips. Battery box doors to be held open with gas charged lift/support cylinders.
2. Two (2) commercial duty fan cooled power converters, 110 amp minimum each with the following features:
  - a.) Shottke diodes for low power dissipation.
  - b.) Diodes mounted for field replacement on a fan cooled aluminum heat sink.
  - c.) Manual reset circuit breaker.
  - d.) Terminal block for easy, secure electrical connections.
  - e.) 12.6 sq. in. exterior chrome exhaust vent.
3. Install one (1) *Sure Power* 2403 and one (1) 3203 isolators to allow both alternator and power converters to charge the main and auxiliary batteries. The 2403 shall have the alternator connected to the input with each output going to a battery bank. The 3203 shall have a power converter on each input and the output shall be in parallel with the 2403.
4. *Statpower Technologies Corp.* Truecharge 40 Amp multi-stage battery charger 110VAC 60 Hz to charge main, auxiliary and communications battery banks.
5. Two (2) *Cole Hersee* M284 master disconnect switches. One (1) to control the main battery system. One (1) switch to control the auxiliary battery system.
6. 12VDC control panel with seven (7) UL listed magnetic/hydraulic circuit breakers with red LED indicators to show activation, 12V digital voltmeter, and I2V low voltage alarm.
7. Install 12VDC auxiliary panels as needed with UL listed magnetic/hydraulic circuit breakers as required.
8. Install one (1) 12VDC auxiliary digital voltmeter to monitor the communications battery system.
9. Twenty-four (24) *Thin-Lite* Model 116 18" white fluorescent light fixtures on ceiling.
10. Seven (7) *Thin-Lite* Model 116 18" red fluorescent light fixtures on ceiling.
11. Ten (10) *Thin-Lite* model 190 18" red/white fluorescent lights located under cabinets.

**I2VDC ELECTRICAL SYSTEM (Cont.):**

12. One (1) *Thin-Lite* Model 190 18" red/white fluorescent light fixture in lavatory.
13. Install seven (7) 12 volt power outlets mounted in stainless steel wall plates as shown on drawing.
14. Ten (10) *Whelen* 97 series white quartz halogen scene lights with 26° optics on exterior of van body. Three (3) mounted on each side and two (2) mounted on the front and rear of the truck. Rear lights shall also operate as back up lights.
15. One (1) *Code 3 Model 5320AF (or current model)* light bar with halogen rotators and colored lenses mounted over windshield on custom fabricated aluminum light bar bracket painted to match body.
16. Eight (8) *Whelen* 97 Series blue quartz halogen lights on body exterior. Two (2) mounted high on each side high at corners and four (4) mounted on the rear. All lights to be alternate flashing and controlled with *Whelen* AF6012 flasher.
17. Eight (8) *Whelen* 73 series blue strobe low level lights. Two (2) grill lights and three (3) intersection lights on each side. Lights to controlled with a *Whelen* ISP188 strobe power supply.
18. One (1) *Whelen 295HFSA1* siren with 100 watt speaker behind grill.
19. Two (2) reversible 12" power roof ventilators, *Fan-tastic Vent* Model 4000R.
20. Install three (3) *Franklin Instruments* #D1224-GH clocks with 2.5" LED display and 12 hour or 24 hour modes.
21. Two (2) *Unity* 225 spotlights mounted in driver's area.
22. Three (3) lighted entry assist handles engraved to read "FLPD".

**I2VDC WIRING REQUIREMENTS:**

1. 2 gauge copper stranded battery cable to be used for 12VDC main supply lines. All cable runs to be full length, no splices. All cable terminals are to be staked and soldered. All cable is to be enclosed in convoluted polyethylene tubing and the ends of the cable sealed with color coded shrink wrap identifying the function of the cable.
2. All added electrical circuits shall be protected from overcurrent by resettable circuit breakers appropriately rated for the load. Only circuit breakers shall be used in the installation of added electrical wiring (plug type fuses are unacceptable).
3. Circuit breaker functions are to be identified by engraved or printed labels.
4. All added wiring for load runs shall be AWG 8, 10, 12, 14 and 18 and must conform to MIL-W-1678D TYPE D.

**12VDC WIRING REQUIREMENTS (Cont.):**

5. Wire terminals for added circuits must conform to MIL-T-7928. Terminals are to be insulated, insulation grip, TYPE II, CLASS 2 and are to be crimped with tooling recommended by the terminal manufacturer.
6. All wiring shall be numbered or lettered on 6" centers minimum.
7. All wiring is to be protected from chafing and abrasion with convoluted polyethylene tubing.
8. Where wire passes through sheet metal, bulkheads and structural supports plastic grommets shall be used to protect both wiring and wire looms.
9. All wiring to be supported on 12" centers.
10. All wire bundles shall be tied with trimmed nylon ties on 6" centers minimum.
11. The complete 12VDC wiring system and electrical appliances shall be to modern automotive standards through out the installation.
12. Extreme care shall be exercised to provide for easy serviceability of the system in future years.
13. Extreme care must be taken in the installation to avoid the engine manifold, engine exhaust, and muffler that could expose the wiring to severe overheating during long periods of operation. Proper insulation and heat deflection panels must be installed in such areas.
14. A high-current 12VDC system wiring schematic shall be provided.
15. These are the minimum acceptable 12VDC wiring requirements. No exceptions.

**AUDIO/VIDEO:**

1. Furnish and install two (2) *Panasonic* CT1386VY (or current model) industrial grade 13" color TV/monitors.
2. Furnish and install two (2) *Panasonic* AG1330 (or current model) industrial grade VHS-VCR's.
3. Install cable TV inlet with outlets located at each TV/VCR location as shown on drawing.
4. Install *Winegard* Sensor RV-3090 (or current model) amplified TV antenna with outlets located at TV/VCR locations as shown on drawing.
5. Install two (2) A/B switches to switch between antenna/cable inputs, one (1) at each TV location.
6. Install two (2) exterior video camera input jacks wired to each TV location.
7. Install two (2) *Pelco* VS-5004 (or current model) video switches. One (1) rack mounted at each TV location to switch between each camera input.

**MAST MOUNTED VIDEO:**

1. Install one (1) *Will-Burt* model TMD-5-20-167 20' standard duty non-locking telescoping pneumatic mast with a 2-gal., 1/2-hp, *Thomas Ultra Air-Pac* tank and compressor, air line filter and lubricator and a 12VDC *Techmaster* control valve.
2. One (1) *Pelco* PT7723RX1 (or current model) integrated pan/tilt/Coaxitron receiver driver and heated *Pelco* EH5723 outdoor camera enclosure with heater and blower in one unit. One (1) *Pelco* MPT9000PZ Coaxitron controlled pan, tilt and zoom. All mast cable shall be run in 1/2" Nycoil.
3. One (1) *Pelco* CC4600-2 (or current model) 1/3" CCD high resolution 470 TVL digital color video camera requiring a minimum object illumination of 1.9 lux/F1.4 with a *Pelco* 13ZD6X15 (or current model) 1/3" CCD 15X 6-90mm high resolution motorized zoom lens with auto iris.
4. Unit shall have a *Pelco* PE-A9000 random scan card installed.

**RADIOS:**

1. Install eight (8) customer supplied radios. This includes installing *Motorola* NMO style base on the roof with RG58 antenna cable run in Carlon Carflex ENT conduit to the desired location.
2. 12VDC power leads for communications radios to be 4 gauge copper stranded wire with soldered crimp on end connectors. Cables to be enclosed in convoluted tubing and function identified with colored shrink wrap. Power to radios to be controlled by a continuous duty solenoid actuated by the auxiliary master disconnect switch.
3. Provide and install one CB radio.

**TELEPHONE SYSTEM:**

1. Install one (1) hardwired land line phone system with provisions to connect to six (6) C.O. telephone lines (3 land lines and 3 cell lines) accessible from fourteen (14) stations; two (2) in conference area, six (6) in communications area, three (3) in mid section, two (2) exterior and one (1) at the front shelf. Telephone system is to include the following hardware:
  - a.) One (1) cast aluminum exterior weatherproof box with key lock for three (3) land line inputs for the telephone system.
  - b.) One (1) *Panasonic* KX-TA624 electronic modular switching system. Base system has 3 C.O. lines and 8 extensions.
  - c.) One (1) *Panasonic* KX-TA62477 expansion card. Adds 3 C.O. lines and 8 extensions.

**TELEPHONE SYSTEM (Cont):**

- d.) One (1) *Panasonic* KX-TA62491 Direct Inward System Access (DISA)/fax detection card. If a fax call is received (and a CNG tone is detected) during the outgoing message, the call will automatically be routed to the designated fax extension, eliminating the need for a dedicated land line and cell line. This card will also allow you to call in and dial an extension directly.
  - e.) One (1) *Panasonic* KX-T7030B programming telephone with intercom and P/A features.
  - f.) Thirteen (13) *Panasonic* KX-T7050 telephones with intercom and P/A features.
  - g.) Two (2) cast aluminum exterior weatherproof phone boxes with key locks.
  - h.) Install three (3) *Telular* Phonecell SX's interfaced into the phone system. -
  - i.) Install a telephone extension line run to DSS receiver locations and alarm system when installed on truck.
2. Prewire and make installation provisions for three (3) additional *Telular* Phonecells in communications closet. This includes installing Motorola NMO style base on the roof with 800 MHz antenna, RG58 cable run in Carlon Carflex ENT conduit to the desired location and terminated in a stainless steel wall plate with BNC jack. Install 12 VDC power outlet at cell prewire location in the same stainless steel wall plate.
  3. Install one (1) *Panasonic* KX-FP101 plain paper fax/copier machine mounted on slide out tray as shown on drawing.
  4. All telephone lines and cellular antenna cable are to be installed in ENT conduit.
  5. Install one (1) phone line input in exterior phone input box with parallel outputs going to one (1) ¼" head phone jack in command area and six (6) ¼" head phone jacks in communications area.
  6. All CO. input lines to have binding post inputs.

**AWNING(S):**

1. Install one (1) approximate length 23' *Zip Dee* solid color awning (color to be determined), with the following features:
  - a.) 100% vat-dyed acrylic fabric with a manufacturers five year guarantee against loss of color or strength due to normal exposure, including sunlight, atmospheric chemicals and mildew or rot.
  - b.) Polished aluminum slatted wrap around cover.
  - c.) Center support arm.
  - d.) Plastic rollers on body door corners to prevent awning damage.
  - e.) Interior storage for awning pull rod.

**MISCELLANEOUS:**

1. One (1) heavy duty *Quadra* MFG. Inc. Big Foot™ QE-2 4-point fully automatic one-touch leveling system. System to use two-way straight acting jacks and incorporates an ignition safety interlock when the jacks are deployed. Individual power units are attached to each individual jack. System shall include installing an air ride dump valve wired into system to release the air from the air bags during leveling.
2. Install one (1) custom 15" wide roof access ladder on the rear of the apparatus. It will be constructed using 1" dia. X .083" brush finished tubular aluminum rails and aluminum grip strut rungs. Rungs are to be welded to the rails for maximum strength.
3. Install 12" wide 0.125" aluminum catwalk from rear ladder location to front of truck and around serviceable locations.
4. Provide removable aluminum shelf with external mounts.
5. Install a Class III trailer hitch receiver with a flat four wire electrical connection.
6. Install two (2) powder coated steel under floor exterior storage compartment(s) with aluminum box pan door and chrome plated steel paddle latches with a #545 key lock. Door will be held open with gas charged lift/support cylinder. Approximate size is 24" wide x 24" deep x 14" high.
7. Install a *Moose* Z1100e alarm system. System includes magnetic contacts on all entry doors, exterior storage compartment doors and generator compartment doors; tilt switch on the hood, Dual Tec motion sensors, siren and bell.

**SILENCE OF SPECIFICATIONS:**

The apparent silence of the foregoing specifications as to any detail or omission for it as a detailed description, concerning any specific shall be regarded as meaning that only the best commercial practices are to prevail and that only materials and workmanship of first quality are to be used. All interpretations of these specifications shall be made upon the basis of this statement.

- End of Section -

**PART V - REQUIREMENTS OF THE PROPOSAL****ELIGIBILITY**

- 1). To be eligible to respond to this ITB, the proposing firm must demonstrate that they, or the principals assigned to the project, have successfully completed services, similar to those specified in the Scope of Services section of this ITB, to at least one City similar in size and complexity to the City of Fort Lauderdale.
- 2). Vendor must have established a permanency in the industry for a minimum of Seven (7) years.

**SUBMITTAL REQUIREMENTS**

All proposals must be submitted in a sealed package with the ITB number, due and open date, and ITB title clearly marked on the outside. If more than one package is submitted they should be marked 1 of 2, etc.

All proposals must be received in the Purchasing Division, Room 619, 6th floor, City Hall, 100 North Andrews Avenue, Fort Lauderdale, Florida, 33301 prior to 2:00 pm on the date specified in the SCHEDULE Section of this ITB.

The proposal shall be signed by a representative who is authorized to contractually bind the Contractor.

All proposals must be submitted as specified on the proposal pages which follow. Any attachments must be clearly identified. To be considered, the proposal must respond to all parts of the submittals. Any other information thought to be relevant, but not applicable to the enumerated categories, should be provided as an appendix to the proposal. If publications are supplied by a proposer to respond to a requirement, the response should include reference to the document number and page number. This will provide a quick reference for the evaluators. Proposals not providing this reference will be considered to have no reference material included in the additional documents.

**Submittals:** (To be indexed and submitted in the order listed)

**1). SPECIFICATIONS**

Vehicle specifications must be submitted in the format specified in PART IV - TECHNICAL SPECIFICATIONS / SCOPE OF SERVICES. Complete specifications as indicated should be responded to item by item. **All subheadings under this section should be indicated in your submission.** Items that do not pertain to your vehicle should be indicated with a 'N/A' symbol. If your vehicle offers additional items please indicate those items, under the appropriate heading, with an '\*' symbol or other such notation.

Proposal should also include a separate sheet to represent every deviation (itemized by subheading and number) to the specifications.

**2). ENGINEERING BLUEPRINTS**

In order to fairly evaluate each vendor's technical ability and design capability, blueprints are to be provided. All prints submitted should be on the same size paper and to the same scale.

Blueprints are to be on "D" size paper, 24"x 36" in size, all views must be on 1/2" = 12" scale. CAD prints are preferred.

The blueprints are provided as follows:

Sheet No. 1: Interior floor plan (overhead)  
 Right hand section view interior  
 Left hand section view interior  
 Appropriate section views interior  
 Driver and passenger view exterior

Prints must show location of all under floorline items including, but not limited to: fuel tanks, water tanks, auxiliary battery systems, compartments, propane tank (except when located between frame rails), generator, and leveling system jacks and pump.

The blueprints must be completed by Vendor exactly to purchaser specifications and must be submitted with bid.

**3). REFERENCES**

Vendor must have established a permanency in the industry for a minimum of Seven (7) years. Include in the proposal a list of seven (7) vehicles of similar (or greater) size and complexity built in the last year or twenty in the last four years. List to include:

1. Customer
2. Contact Name
3. Phone Number
4. Unit Cost
5. Application
6. Date of Order
7. Date of Delivery

Due to the type of circumstances this vehicle will be used in, the City requires stringent standards of the entire electrical system and components. Vendors are required to provide a list of references where similar (MIL Spec) wiring specifications were involved. It is imperative that the bidder demonstrates experience and knowledge of this caliber of electrical systems.

**4). MANUFACTURER'S SERVICE REQUIREMENTS / PROCEDURES FOR SERVICE**

Vendor must stock a complete line of special service equipment and parts for this apparatus. Bidder must be able to supply 90% of parts required to maintain this vehicle within 24 hours and have the balance available within 72 hours. Note: the purchaser reserves the right to request certain items be shipped at vendor's expense to verify ability to comply. Failure to respond as stated will be cause for rejection. **A copy of their warranty must be included in this bid package outlining procedures for service.**

5). **WARRANTY REQUIREMENTS**

Vendor must detail warranties covering the chassis, body and interior. This must be submitted with bid. NOTE: Body must have minimum five (5) years, 50,000 miles coverage. If supplier has extended warranties available, they are to be detailed. Consideration for award may be given to vendors with the best warranties.

6). **DISPUTES, LITIGATION AND DEFAULTS**

Applicant must disclose the results and amounts of settlement of any prior litigation, arbitration, mediation or other claims involving the Applicant or its principals or any consultants for a period of five years prior to the submission of this proposal.

7). **COMPANY PROFILE**

Include Name , Address, Phone Numbers, Fax Numbers, E-mail, and Web Site; Provide information on you business structure ( Corporation, Joint venture, Partnership) If Corporation, indicate when corporation was organized; Number of years in business; Number of years manufacturing Command Vehicles; Submit copies of relevant licenses and certificates; briefly describe your facilities and capabilities; Provide information on the staff that will be assigned to the project.

8). **FINANCIAL INFORMATION**

Attach a Balance Sheet and Statement of Profit and Loss of the proposing firm from the preceding calendar or fiscal year, certified by either an appropriate Corporate Officer, or an independent Certified Public Accountant. If proposing firm is a privately held corporation, providing such records, for City review, at a time and place convenient to the City, will satisfy this requirement. If the proposing firm is a newly formed corporate entity, the City may require a personal guarantee of performance by principals or stockholders.

9). **COST PROPOSAL ( Part VI)**

-----

The proposer understands that the information contained in these Proposal Pages is to be relied upon by the City in awarding the proposed Agreement, and such information is warranted by the proposer to be true. The proposer agrees to furnish additional information (if required), prior to acceptance of any proposal, relating to the qualifications of the proposer, as may be required by the City.

**PROPOSER, PLEASE INSURE THAT YOU HAVE SIGNED THE SIGNATURE PAGE OF THIS PROPOSAL. OMISSION OF A SIGNATURE ON THAT PAGE MAY RESULT IN REJECTION OF YOUR PROPOSAL**

**COMPLETE AND RETURN THE REQUIRED NUMBER OF PROPOSAL PAGES AND ATTACHMENTS.**

**FOR INFORMATIONAL PURPOSES ONLY****THE FOLLOWING WILL BE REQUIRED OF AWARDEE – TO BE SUBMITTED WITH THE DELIVERY OF THE VEHICLE.****Instructional Manuals**

Vendor shall provide with the vehicle on delivery, a complete delivery package. Within this package shall be:

1. Individual component manufacturer instruction and parts manuals.
2. Warranty forms for body.
3. Warranty forms for all major components. -
4. Warranty instructions and format to be used in compliance to warranty obligations.
5. Wiring diagrams.
6. Blueprints of body and compartment fabrication.
7. Necessary normal routine service forms, publications, and other appropriate data.

**Electrical Systems schematics:**

The efficient maintenance and service of the vehicle is of prime importance to the City. To properly maintain the vehicles electrical system, the apparatus should be constructed with the finest in electrical materials and components.

To maintain the vehicles electrical systems, the City must be provided with the instructional manuals, complete electrical information and schematics on the vehicle. The electrical information shall be provided as follows:

1. Wire colors and index.
2. Wire labeling, imprinting codes and index.

**Mandatory Nameplates And Certification/Documentation Data:**

All nameplates and instruction plates shall be metal or plastic with the information engraved, stamped, printed, or etched thereon. If metal, they shall be made of a non-coirosive material. Plastic plates shall not be used in exposed positions where they are subject to weathering.

Vehicle shall have a Final Stage Vehicle Certification and Altered Vehicle Certification as required by Federal Motor Vehicle Safety Standards-(FMVSS 49' CFR Part 567.5 and 567.7). A payload sticker must be installed in the cab area with vehicle axle loads and available axle payload as built. Letter of compliance to FMVSS 49 CFR Parts 567.5 and 567.7 must accompany final paperwork. A copy of the FMVSS compliance worksheet must be submitted to the City prior to acceptance.

-End of Section -

**PART VI PRICE LIST / COST PROPOSAL**

ITEM DETAIL COSTS:

BIDDER NAME \_\_\_\_\_

Bidder agrees to supply the products or services at the prices bid below in accordance with the terms, conditions, and specifications contained in this ITB.

1 each – COMMAND / CONTROL VEHICLE

Make Offered: \_\_\_\_\_

Model Offered: \_\_\_\_\_

Delivery Time Required: \_\_\_\_\_ (ARO)

Warranty Offered: \_\_\_\_\_

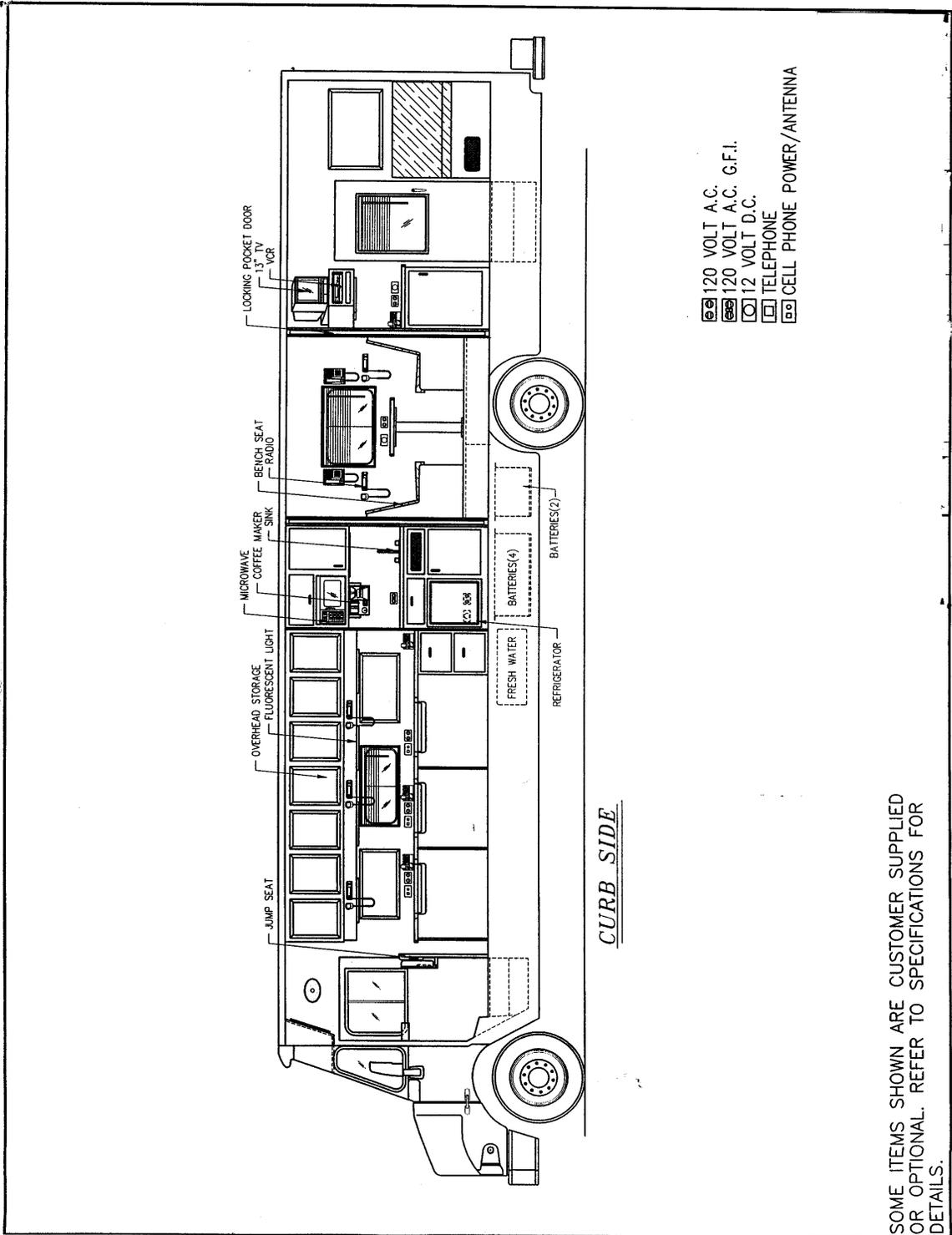
Total Cost to the City for Complete vehicle, accessories and all other components in accordance with specifications:

\$ \_\_\_\_\_

**Written:** \_\_\_\_\_

Delivery Cost: \$ \_\_\_\_\_

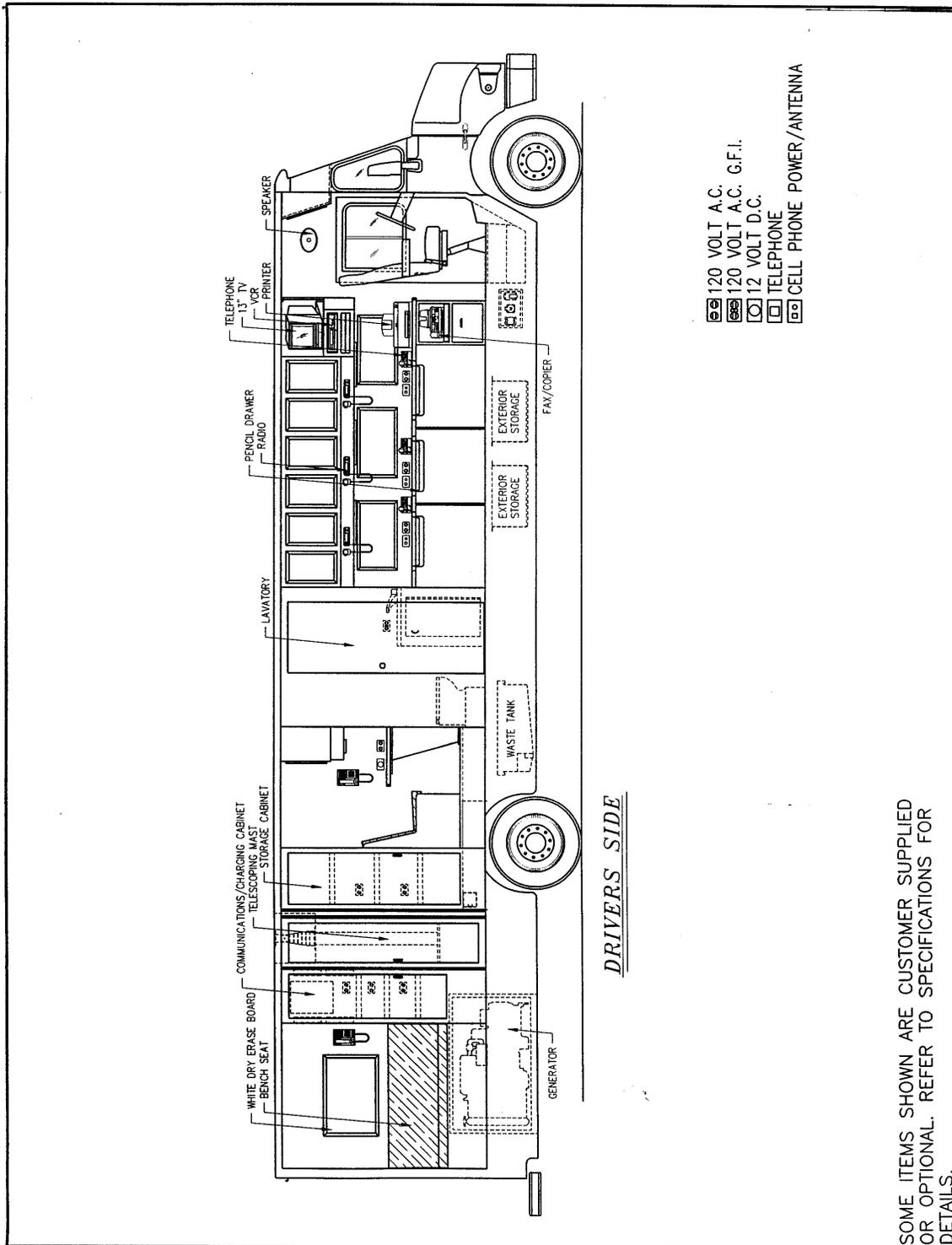
NOTE: It is the proposer's responsibility to provide adequate information in their proposal to enable the City to ensure that the proposal meets the required criteria. **It is required that complete descriptive technical literature on the item being bid, be submitted with the bid.** Such literature shall be in sufficient detail to indicate conformance with the specifications of the make(s) and model(s) specified in the bid.



- ☐ 120 VOLT A.C.
- ☐ 120 VOLT A.C. G.F.I.
- ☐ 12 VOLT D.C.
- ☐ TELEPHONE
- ☐ CELL PHONE POWER/ANTENNA

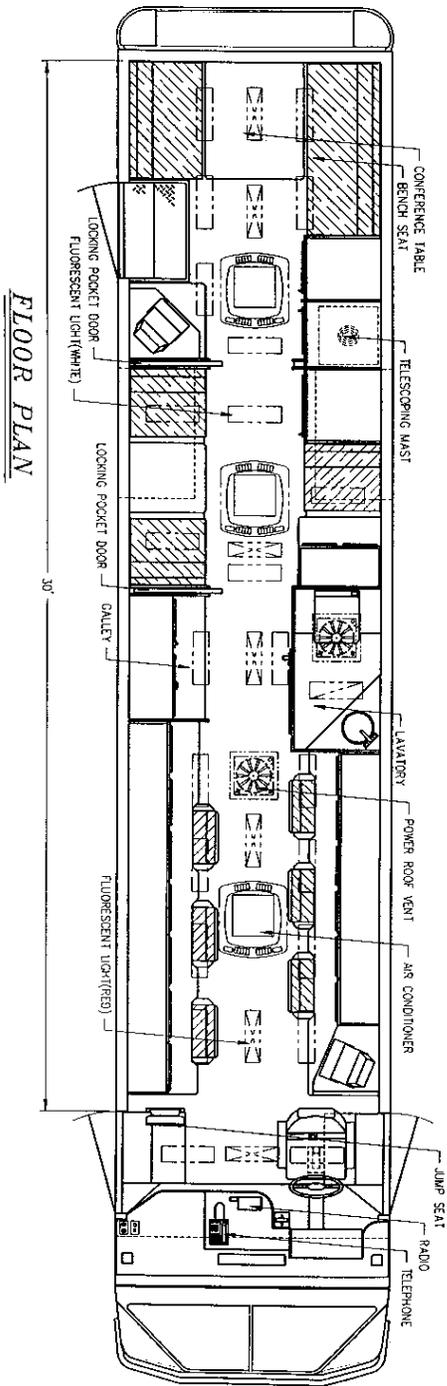
CURB SIDE

SOME ITEMS SHOWN ARE CUSTOMER SUPPLIED OR OPTIONAL. REFER TO SPECIFICATIONS FOR DETAILS.



SOME ITEMS SHOWN ARE CUSTOMER SUPPLIED OR OPTIONAL. REFER TO SPECIFICATIONS FOR DETAILS.

SOME ITEMS SHOWN ARE CUSTOMER SUPPLIED OR OPTIONAL. REFER TO SPECIFICATIONS FOR DETAILS.



FLOOR PLAN

- ⊗ 120 VOLT A.C.
- ⊗ 120 VOLT A.C. G.F.I.
- ⊗ 12 VOLT D.C.
- ☐ TELEPHONE
- ☐ CELL PHONE POWER/ANTENNA