

BID OPENING DATE AND TIME**On: December 14 , 2006****AT: 10:30 A.M.**

BID NO. S7D02020	PAGE 1 OF 35	INVITATION AND BID ADVERTISED	BIDDER MUST COMPLETE BELOW BIDDER AGREES TO COMPLY WITH ALL CONDITIONS OF THIS BID. UNSIGNED BIDS WILL NOT BE ACCEPTED.
This Invitation to Bid with your quotations must be received prior to the above cited bid opening date and time.		 CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT MUNICIPAL SERVICES BLDG. 1401 JFK BLVD, ROOM 170A PHILADELPHIA, PA 19102-1685	NAME AND ADDRESS OF FIRM
DEPARTMENT Office of Fleet Management	DIVISION		Federal EIN/Social Security Number
AWARDED			BUYER H. Ortman J. Washington
DATE FOR THE PROCUREMENT COMMISSIONER			

TITLE OF BID: Van, Gasoline, Various Configurations**GENERAL INFORMATION**

This Invitation to Bid is issued under the Anti-Discrimination Policy described in the Mayor's Executive Order 02-05.

While there are no Participation Ranges projected for this Bid, bidders are prohibited from discriminating in their selection of subcontractors and are encouraged to solicit quotes from businesses on an equitable basis with other firms.

For informational purposes only, please describe any such commitments on a separate sheet and identify the subcontractor's name, MBEC Certification Number, and dollar amount/ percentage of work.

BID QUESTIONS

All questions concerning this Invitation to Bid, including specifications and conditions, must be presented prior to the bid opening date and time. Contact the Procurement Department, Public Information Center by calling **(215) 686-4721, 686-4720, or 686-4719** with questions.

BID SECURITY

When applicable, BIDDERS MUST SUBMIT BID SECURITY.

BID SIGNATURE

**BIDDERS MUST SIGN
PAGE 8 OF THE
"TERMS AND CONDITIONS".**

For City Use Only

BID SECURITY See Conditions of Bidding	MASTER BID SECURITY		CERTIFIED CHECK SUBMITTED WITH BID	
	<input type="checkbox"/> YES	<input type="checkbox"/> NO	AMOUNT	CHECK NUMBER

VOLUNTARY PARTICIPATION AND COMMITMENT FORM (BID)

Please list any MBEC Certified and SBA vendors that will participate in this bid, including the Primary Bidder.

Disadvantaged Minority (M-BE), Women (W-BE), and Disabled (DS-BE) Owned Business Enterprises¹

Bid Number		Name of Bidder			
Primary Bidder	M-BE <input type="checkbox"/>	W-BE <input type="checkbox"/>	DS-BE <input type="checkbox"/>	N/A <input type="checkbox"/>	SBA <input type="checkbox"/>
Federal Tax Identification #					
Amount Committed		Type of Work or Materials			
Dollar Amount	\$				
Percent of Total Bid	%				
Sub Contractor	M-BE <input type="checkbox"/>	W-BE <input type="checkbox"/>	DS-BE <input type="checkbox"/>		
Vendor Name					
Federal Tax Identification #					
Amount Committed		Type of Work or Materials			
Dollar Amount	\$				
Percent of Total Bid	%				
Sub Contractor	M-BE <input type="checkbox"/>	W-BE <input type="checkbox"/>	DS-BE <input type="checkbox"/>		
Vendor Name					
Federal Tax Identification #					
Amount Committed		Type of Work or Materials			
Dollar Amount	\$				
Percent of Total Bid	%				
Sub Contractor	M-BE <input type="checkbox"/>	W-BE <input type="checkbox"/>	DS-BE <input type="checkbox"/>		
Vendor Name					
Federal Tax Identification #					
Amount Committed		Type of Work or Materials			
Dollar Amount	\$				
Percent of Total Bid	%				

¹ M-BE/W-BE/DS-BES listed above **MUST** be certified by the MBEC prior to Bid Opening Date.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 2 35
		FIRM NAME (Must be filled in)	

SECTION 1: GENERAL BID SUBMISSION

1.1 TITLE: Van, Gasoline, Various Configurations

1.2 CONTRACT TERM: 4/1/07 to 3/31/08("Initial Term"), with an option to renew for up to three (3) additional one (1) year periods, ("the Renewal Term") exercisable, at the City's sole discretion, as of the expiration of the Initial Term or then current Renewal term. The City may, at its sole discretion, renew the contract for up to three (3) months at the beginning of each renewal period(s) (the "Additional Performance Period"), if a decision has been made not to renew the contract for an entire year.

1.2.1 The City shall exercise such sole option to renew the Contract Term by issuing a letter (the "Renewal Notice") notifying the Contractor that the Contract is renewed for the Renewal Term or Additional Performance Period (identified by commencement and termination dates) that is specified in the Renewal Notice. The Contract shall be deemed to be renewed for such Renewal Term or Additional Performance Period, and Contractor shall be obligated to perform all terms and conditions of the Contract throughout such Renewal Term or Additional Performance Period, as of the effective date indicated on the City's Renewal Notice, whether or not Contractor has agreed, verbally or in writing, to such renewal of the Contract term.

1.2.2 If an individual Performance Bond and/Payment Bond is required under this Invitation and Bid, such bond(s) shall be and remain in full force and effect throughout the Initial Term, all Renewal Terms, any Additional Performance Period, and the period of any unexpired warranty provided or required under the Contract, without notice of Contract renewal by the City to the surety or the consent of the surety thereto. It is the sole responsibility of the Contractor to ensure that such bond(s) remain in full force and effect as provided in this Section 1.2.2, and failure to do so shall be an event of default pursuant to Section 16, Default, of the attached Terms and Conditions of Bidding and Contract.

If participation in the City's Master Performance Security Program is required under this Invitation and Bid, Contractor shall pay the required annual fee for such participation for each Renewal Term upon the issuance of the Renewal Notice.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 3 35
		FIRM NAME (Must be filled in)	

1.3 CONTRACT TYPE: **REQUIREMENTS**

1.3.1 The following items are required in the operation of various City agencies as ordered. Exact quantities cannot now be determined but estimates thereof are listed herein. Quantities listed may be increased or decreased to meet the requirements of the City during the period of this contract. A minimum is not guaranteed. Purchase orders issued as a result of this bid will be for equipment to be delivered generally on an as-needed basis. Successful bidders are cautioned not to deliver any equipment without first being advised to do so by the ordering agency.

1.3.2 It is the intent of the Procurement Department to make an award for the period as stated above subject to the appropriation of funds in succeeding fiscal year/years by City Council. The City's fiscal year is from July 1st to June 30th inclusive.

Vehicles on the bid to be ordered after the end of the fiscal year are subject to the issuance of purchase orders for the following fiscal years. The City is not liable for the award involving following fiscal years' funds until such orders are issued.

The successful bidder(s) obligation to deliver on such purchase orders shall not take effect until the orders are issued. To simplify the contract procedure, however, the successful vendor will be required to furnish a Performance Bond or Performance Security Fee to cover units awarded to him.

1.4 METHODOLOGY OF ACQUISITION: Purchase only.

1.5 STATEMENT OF DIRECTION:

1.5.1 It is the intent of the City of Philadelphia to make an award for Van, Gasoline, Various Configurations for the Office of Fleet Management as specified herein during the contract period.

1.6 BID SECURITY

1.6.1 For the purpose of this bid only, paragraph 8 of the attached "Conditions of Bidding-General" is hereby deleted. Instead, bidders must submit with their bid a Bid Bond executed on the attached City Bid Bond Form in the amount of 10% of the bidder's bid.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 4 35
		FIRM NAME (Must be filled in)	

1.7 BID INFORMATION:

- 1.7.1 All information concerning this bid will be contained in this bid document as issued or amended.
- 1.7.2 Information provided verbally by any City official shall not be binding or relevant.

1.8 BID SUBMISSION:

- 1.8.1 Bid information must be submitted to the City of Philadelphia no later than the time and date for the bid opening.
- 1.8.2 Advertised sealed bids will be received and read publicly at 10:30 AM in Room #170A, 1st Floor, Municipal Services Building, 1401 JFK Boulevard.
- 1.8.3 Bid should be complete and include ALL information required as described in the various paragraphs of the bid specifications.
- 1.8.4 COPIES OF BID SPECIFICATIONS
- This bid makes reference to Procurement Department Specifications and/or Purchase Descriptions.
- Bidders are requested to retain Procurement Department Specifications for future reference.
- 1.8.5 All pricing must be completed on the forms provided; be complete; and be in ink or typed.
- 1.8.6 The bid must be complete as to required bid signatures and corporate seal, and fully accept the terms and conditions contained in the bid.
- 1.8.7 In accordance with the City of Philadelphia's Regulations Relating to Local Bidding Preferences for Procurement Contracts", this bid may be subject to a 5% local bid preference. **In order to determine eligibility to receive the 5% preference, if applicable, bidder must be certified at the time of the bid opening and should submit the Local Business Entity ("LBE") certification number as issued by the Procurement Department.**

LBE Certification Number(s) _____

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 5 35
		FIRM NAME (Must be filled in)	

The Procurement Commissioner reserves the right to request this information as well as any additional or clarifying information at any time prior to award of the bid.

NOTE: If you wish to apply for Local Business Entity (LBE) certification, go to www.phila.gov/bids. Please provide sufficient time prior to bidding for processing of the LBE application.

1.8.8

BID PROCESSING FEE:

All bids submitted where the bid total is greater than \$25,000 must be accompanied by the proper Bid Processing Fee. The fee shall be in the form of a separate check or money order in accordance with Paragraph 17 of the "Terms and Conditions of Bidding and Contract".

1.8.9

ALTERNATES SUBMITTED

If an alternate to any item is offered, bidder must follow instructions in Paragraph 2 of "Terms and Conditions of Bidding and Contract". State the brand name and the model number of each alternate offered.

Detailed technical information on the alternate should accompany the bid. Failure to state alternates will obligate bidder to provide material and/or service specified in the bid.

Any other product information submitted by bidder in connection with this bid is for purposes of product description, information and specification only. Bidder agrees that any additional terms or conditions contained therein, including, but not limited to, disclaimers or limitations of liability, do not become part of the bid.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 6 35
		FIRM NAME (Must be filled in)	

1.8.10

CONTACT PERSON:

PRE-AWARD:

Indicate below to whom in your firm questions concerning this Invitation and Bid should be directed:

Name: _____

Address: _____

City/State/ZC: _____

Telephone No. (_____) _____ Ext.: _____

Fax No. (_____) _____

E-mail address _____

POST-AWARD:

Indicate below to whom in your firm questions concerning the Contract resulting from this Invitation and Bid should be directed:

Name: _____

Address: _____

City/State/ZC: _____

Telephone No. (_____) _____ Ext.: _____

Fax No. (_____) _____

E-mail address _____

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 7 35
		FIRM NAME (Must be filled in)	

1.8.11 FORMS TO BE RETURNED WITH BID:

Form #80-247B (one for each type of vehicle offered) is to be completed and returned with bid.

The Temporary Certificate shall be forwarded to the Office of Fleet Management, Attention: James Muller, 100 S. Broad St., 3rd floor, Philadelphia, PA 19102. Bidder shall state year, make, model, body model, manufacturer's cut off date, and delivery after receipt of order.

YEAR: _____

MAKE: _____

MODEL: _____

BODY MODEL: _____

MANUFACTURER'S CUT OFF DATE: _____

DELIVERY ARO: _____

1.8.12 BID QUESTIONS OR PROBLEMS

In preparing the bid response, should any bidder need clarification on the bid requirements, identify a discrepancy in the specifications, determine that a specified product has been discontinued or an alternate procedure is advised, etc.; then the bidder is STRONGLY encouraged to bring these issues to the attention of the Procurement Department's Public Information Unit prior to the bid opening by calling (215) 686-4720 or 4721, or by faxing (215) 686-4716. Questions, whether phoned or faxed, should be received no later than seven (7) calendar days prior to the scheduled opening date of the bid. The City reserves the right to only respond to those questions submitted prior to the stated deadline. If it is in the City's best interest to do so, the bid MAY be amended to reflect the proposed changes/modifications. Exceptions taken DO NOT obligate the City to change the specifications. The City of Philadelphia, Procurement Department will notify all bidders in writing, by addendum duly issued, of any interpretations/changes made to specifications or instructions. The City will not accept responsibility for oral instructions, suggestions or changes by any City agency.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 8 35
		FIRM NAME (Must be filled in)	

Otherwise the successful bidder will have to provide the product or service exactly as defined in this bid, and in accordance with the directions in Section 2.

1.9 BIDDER QUALIFICATION:

1.9.1 All bidders must be a bona fide manufacturer of, or dealer in, the article specified within the bid. To demonstrate this, bidders should submit the following reference information with their bid. References provided should be pertinent to the commodity requested in this Invitation and Bid and demonstrate the bidders ability to perform on a contract of this size and scope.

Please note that reference information in each section must be completed. Failure to submit this information may result in the bidder's disqualification.

SECTION 1:

Customer Reference other than an employee or department of the City of Philadelphia, (excluding suppliers or financial institutions).

Firm Name: _____

Contact Name: _____

Phone No.: _____

Type Work: _____

Years dealing w/your firm: _____

SECTION 2:

Previous purchase order(s)/contract(s) with the City of Philadelphia; (State "None" if applicable).

Dept. Name: _____

Contact Name: _____

Phone No.: _____

PO#/Contract#: _____

Items: _____

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 10 35
		FIRM NAME (Must be filled in)	

- 2.2.5 **42810 002 064**
VAN, CARGO, Gasoline, AWD, 7,300 lb. approx.,
w/5.3L V-8 MFI engine Per spec code 22206k.25 (EA).
- 2.2.6 **42810 002 065**
VAN, CARGO, Gasoline, 4 x 2, 9,600 lb. approx.,
w/6.0L V-8 MFI engine Per spec code 22206k.25 (EA).
- 2.2.7 **42810 002 066**
VAN, CARGO, Gasoline, 4 x 2, 9,600 lb. approx.,
extended wheelbase, w/6.0L V-8 MFI engine (EA).
Per spec code 22206k.25
- 2.2.8 **42810 002 067**
VAN, 7 PASSENGER, Gasoline, 4 x 2, 7,200 lb. approx.,
w/4.3L V-6 MFI engine Per spec code 22206k.25 (EA).
- 2.2.9 **42810 002 068**
VAN, 11 PASSENGER, Gasoline, AWD, 7,200 lb. approx.,
w/5.3L V-8 MFI engine Per spec code 22206k.25 (EA).
- 2.2.10 **42810 002 069**
VAN, 7 PASSENGER, Gasoline, 4 x 2, 8,600 lb. approx.,
W/6.0L V-8 MFI engine Per spec code 22206k.25 (EA).
- 2.2.11 **42810 002 070**
VAN, 11 PASSENGER, Gasoline, 4 x 2, 8,600 lb. approx.,
W/6.0L V-8 MFI engine Per spec code 22206k.25 (EA).
- 2.2.12 **42810 002 071**
VAN, 14 PASSENGER, Gasoline, 4 x 2, 8,600 lb. approx.,
extended wheelbase W/6.0L V-8 MFI engine (EA).
Per spec code 22206k.25
- 2.2.13 **42810 002 072**
VAN, 7 PASSENGER, Gasoline, 4 x 2, 9,600 lb. approx.,
W/6.0L V-8 MFI engine Per spec code 22206k.25 (EA).
- 2.2.14 **42810 002 073**
VAN, 11 PASSENGER, Gasoline, 4 x 2, 9,600 lb. approx.,
W/6.0L V-8 MFI engine Per spec code 22206k.25 (EA).
- 2.2.15 **42810 002 074**
VAN, 14 PASSENGER, Gasoline, 4 x 2, 9,600 lb. approx.,
extended wheelbase W/6.0L V-8 MFI engine
Per spec code 22206k.25 (EA).

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 12 35
		FIRM NAME (Must be filled in)	

- 2.2.24 **42810 009 373**
STANDARD STEEL REINFORCED INTEGRAL
VAN BODY COMPLETE WITH HINGED DUAL
SIDE DOORS AND REAR DOORS WITH **GLASS**
WINDOWS. (EA).
- 2.2.25 **42810 009 412**
Provide one (1) strobe light, amber lens, with
branch guard and cab control.
Ref: Federal Signal / Ultra Star, model US7 (light)
Federal Signal / Ultra Star, model 448330 (branch guard) (EA).
- 2.2.26 **42810 009 413**
Provide one directional light bar, amber, LED,
eight lights, with cab control.
Ref: Federal Signal, Model 330312,
light w/cable and controller (EA).
- 2.2.27 **42810 009 465**
Cargo Area Insert (Sealed and Washable)
The entire interior surface of the confinement area shall be finished
in high impact, unitized, fiberglass. This includes the fiberglass
laminated entrance/exit security door, laminated driver's compartment
bulkhead, and the molded fiberglass sidewalls/benches, roof surfaces,
and floor surface areas which run the full length of the body. The
interior of the confinement area shall be designed to withstand hot
and cold water flushing from the rear door for sanitary reasons. The
interior compartment shall be no less than 105 inches in length and
50 inches in height. The walls and ceiling shall be fully insulated
with one inch thick automotive type batting secured in place with
adhesives. All doors or entry sills shall be equipped with safety
non-skid pads or slip resistant materials. The compartment shall be
heated and air conditioned and shall have a sealed side access from
side of van body. (EA).
- 2.2.28 **42810 009 466**
Police Lighting, Siren, and PA
One (1) Code 3 light bar model 2147-AS-PHILLED-1 with Custom Arrow
Stick (with built in red/blue stationary lights and 35' cable); Code
3 siren amplifier model 3997R; Code 3 siren speaker model 3100; HSEC
switch panel model SP-3B (7 rocker switch); Code 3 front strobes 4HCL
(headlamp and cornering lamps) w/ power supply; Model 40 (2ea.)
red/blue perimeter light system (grille lights) and PSE 475 power
supply; Daytime running lights; Hat hook; Power kit.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 13 35
		FIRM NAME (Must be filled in)	

NOTE: The SP-3 switch panel shall have seven SPST on/off rocker switches. Ignition triggered 85 amp solenoid. The solenoid shall shut off all equipment in the console. All control units are to be mounted in a CONSOLIDATOR CONSOLE, C1800 or equal, between the two front seats. (EA).

2.2.29 **42810 009 416**
Provide a roof mount hand controlled spot light
Ref: Questar Model QS2 (EA).

2.2.30 **42810 009 469**
Provide AWig-wag@ headlight strobes, cornering lights.
REF: Code 3 Model 700 (EA).

2.2.31 **42810 009 374**
FPT-138 FIBERGLASS PRISONER TRANSPORT STANDARD SPECIFICATIONS

PRISONER COMPARTMENT

The compartment shall consist of one (1) front bulkhead divider, two (2) left and right sections forming a ceiling, side walls and benches; one (1) floor and two (2) rear door covers. Total length is 102" (inches), providing ten (10) seating locations.

Front Bulkhead Divider

The bulkhead shall consist of a 1" by 1" by 1/8" square tubular steel frame with welded 14-gauge steel panel on prisoner compartment side and .090 aluminum on drivers compartment side. The upper section will include an emergency exit hatch. The lower section will have a solid panel or will incorporate an optional location for the rear ac/heat system. The bulkhead shall also have 1" foam insulation between panels for sound deadening. Steel and Aluminum will be finished with white polyester powder coat. FRP laminates over wood shall not be acceptable.

Fiberglass Rear Compartment

The rear compartment shall be constructed of molded high-impact white fiberglass, 3/4" minimum thickness, interior white gel-coated finished. All pieces shall be fastened together, seamed and siliconed to make the compartment watertight. Each shell shall be a minimum of 102" long with a flange on either end, allowing the bench to be bolted to the bulkhead in front and riveted to two (2) .090 aluminum corner sections in the rear. The bench shall be approximately 10" high with a pebble grain non-slip surface molded into its seating area. On each fiberglass bench, there will be a smooth, molded, wedge shaped raise in the bench between each seat position to eliminate bodies from sliding toward the front or rear of the van. These parts will be an integrated part of the bench, and must be able to withstand abuse.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 14 35
		FIRM NAME (Must be filled in)	

FLOOR

The floor shall consist of ¼" molded fiberglass floor panel over a plywood subfloor. The entire floor area shall be molded in a non-slip surface. The floor shall cover the complete rear compartment from rear door opening to front bulkhead and to each bench. FRP laminated over wood shall not be acceptable.

REAR SECURITY DOOR

A single hinged door shall be fabricated from welded 1" X 1" X 1/8" square tubular framework. The lower panel shall be made of 14-gauge steel, the upper panel of 14-gauge perforated steel (perforations .625" X 1.250" diamond shape). It shall have a steel ¼" pin continuous hinge. The door shall have one (1) chrome two-point D-ring lock. The door and hinge shall be bolted every 7 inches to the doorframe. The cage will be mounted in the rear of the fiberglass unit approximately 6 inches inside the rear doors. No modification will be made to the vehicle's rear doors. All caging will be finished in white polyester powder coat.

EMERGENCY EXIT DOOR / OBSERVATION WINDOW

The front bulkhead shall incorporate an emergency exit hatch in the upper section. The hatch will be locked into place with three (3) .375" diameter X 1.5" long steel pins at the bottom and two (2) 6" long heavy duty slide bolts at the top. The slide bolts will have 5/8" X 1/2" steel shank and spring loaded positive lock. The hatch will be a box and pan design constructed from 12-gauge steel and will have a 28" wide x 17" high-perforated area for observation into the rear compartment. Perforations (.625" X 1.250" diamond shape) will also be covered with .250 clear polycarbonate. Exit opening (with hatch removed) will be 34" wide X 23" high minimum. Hatch area will have gaskets to seal off the rear compartment. Finish to be white polyester powder coat.

AIR CONDITIONING AND HEATING

The combination heat/air conditioning unit shall be mounted under the side bench seat and be accessible from the side doors. The unit shall have a rating of 32,000 Btu heater, 20,000 Btu air conditioner and 450 cfm blower. The controls shall be mounted in the equipment console and consist of two (2) pilot-lighted rocker switches for on/off control and fan-speed selection. The blower shall have a minimum of a 6"x18"x1/8" perforated aluminum guard. **Note:** If necessary, the evaporator will be mounted rearward of bulkhead (in prisoner compartment) and will have a heavy-duty perforated guard. The guard will also be the access for service. This alternate location will be used in some units to provide improved ventilation and space, depending on options required.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 15 35
		FIRM NAME (Must be filled in)	

VENTILATION

One (1) 100-cfm exhaust vent shall be flush mounted in the ceiling of the rear compartment and be operated by a pilot-lighted rocker switch mounted on the Consolidator console. The fan shall be covered with a 6" X 6" X 1/8" perforated aluminum guard. The perforations must be sized to prevent disposal of contraband and to maximize air-flow.

LIGHTING

Two (2) 4" diameter dome lights shall be recess-mounted into the fiberglass ceiling. They shall be shielded by 1/4" clear POLYCARBONITE covers and held in place by tamper-proof stainless steel fasteners. The covers shall be removable for relamping.

REAR STEP

The van shall include a 42" wide by 8" deep step, mounted under the factory rear bumper. Steel framework shall be bolted directly to the vehicle frame and the step area shall be .125" aluminum tread plate material.

EQUIPMENT CONSOLE

All switching shall be mounted in an aluminum Consolidator model C-1800V equipment console. The console will have equipment brackets supplied for mounting customer specified radio and siren and house necessary lighted rocker switches. The console shall be mounted to the floor between the driver and passenger seat. It shall be capable of swinging back to allow access to the engine cover for service without disconnecting wires. The main power distribution for all after market accessories will be located inside the console.

GRAB STRAPS

Heavy-duty nylon webbing straps will be mounted to the lower section of the fiberglass wall. There will be one (1) strap per seat location. Straps will be positioned so that each prisoner, with handcuffs behind their back, can hold onto the strap. Each strap will be anchored with 1/2" X 1 1/4" round head tamper proof bolts. The bolts will go through the fiberglass and attach to a single steel backing plate, which will run the full length of the bench and will have 1/2 nuts welded to it for bolt attachments.

(EA).

2.2.32

42810 009 467

OPTIONAL DUAL REAR COMPARTMENT LAYOUT MODEL FPT-138D

An all-steel partition to divide the prisoner compartment into two (2) equal halves shall be constructed of 1" X 1" X 1.25" square welded tubular framework, with a 14-gauge solid steel sheet metal lower panel, and 14-gauge perforated steel upper panel. (Perforations are .625" X 1.250" diamond shape).

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 16 35
		FIRM NAME (Must be filled in)	

The center divider partition shall be hinged at the front of the compartment to allow access to the emergency exit door from both compartments; and it also hinges at the rear to increase the loading width to the rear compartments.

Also included, shall be two (2) rear-hinged doors with chrome, two-point D-ring locks. The doors shall be constructed of 1" X 1" X .125" square tubular framework, 14-gauge solid sheet lower panel, 14-gauge perforated upper panels and ¼" pin continuous hinge. Each door and hinge shall be bolted every 7 inches to the doorframe.

All caging shall be finished in white polyester powder-coat finish. No modifications shall be made to the vehicles rear doors.

Two (2) additional dome lights shall be mounted in dual compartment layouts to provide a total of four dome lights in the rear compartments. (EA).

2.2.33

42810 009 467 00

OPTIONAL DUAL REAR COMPARTMENT LAYOUT MODEL FPT-138ED FOR EXTENDED VANS (18 inches longer) PROVIDING A TOTAL OF TWELVE (12) SEATING LOCATIONS.

An all-steel partition to divide the prisoner compartment into two (2) equal halves shall be constructed of 1" X 1" X 1.25" square welded tubular framework, with a 14-gauge solid steel sheet metal lower panel, and 14-gauge perforated steel upper panel. (Perforations are .625" X 1.250" diamond shape).

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All caging shall be finished in white polyester powder-coat finish. No modifications shall be made to the vehicles rear doors.

Two (2) additional dome lights shall be mounted in dual compartment layouts to provide a total of four dome lights in the rear compartments. (EA).

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 17 35
		FIRM NAME (Must be filled in)	

2.2.34

42810 009 468

OPTIONAL THREE REAR COMPARTMENT LAYOUT MODEL FPT-138T (Ten Person)

An all-steel partition to divide the prisoner compartment into two (2) equal halves shall be constructed of 1" X 1" X 1.25" square welded tubular framework, with a 14-gauge solid steel sheet metal lower panel, and 14-gauge perforated steel upper panel. (Perforations are .625" X 1.250" diamond shape).

The center divider partition shall allow access to the emergency exit door from both compartments. It also has a hinged door at the rear to increase the loading width to the rear compartments. Also included, shall be two (2) rear-hinged doors with chrome, two-point D-ring locks. The doors shall be constructed of 1" X 1" X .125" square tubular framework, 14-gauge solid sheet lower panel, 14-gauge perforated upper panels and ¼" pin continuous hinge. Each door and hinge shall be bolted every 7 inches to the doorframe.

A third (Minimum Security) compartment with entrance at side doors will be provided with a bench that bolts to the center divider and faces towards the passenger side cargo doors of van. The cargo doors will be covered in aluminum door panels and window guards. Interior door lock access will be disabled. The rear air condition/heat unit will be installed under the bench in this compartment and will circulate air to all three seating areas. The bench will also include two (2) Grab Straps.

An additional separator cage will divide the passenger side rear area into two (2) compartments. This cage is also fabricated with 1" square tubing framework, 14-gauge solid lower section and a 14-gauge perforated emergency exit door in upper section. The emergency exit door is 20" X 20" and has two (2) quick release spring pins for locking. The pins are in the forward minimum-security compartment. It is up to the using department to replace the quick pins with padlocks.

The rear section of the passenger side will have its' main access through the rear of the vehicle and will seat three (3) persons. The forward section of the passenger side has its' access through the side cargo doors and it seats two (2) persons. NOTE: This compartment is considered a minimum security because it does NOT have a cage between the detainee and OEM side door. (An inner door for Maximum security is an additional option.)

The front bulkhead emergency exit door (36" wide X 24" high) will be in upper section of front bulkhead. It will be perforated steel with ¼" clear polycarbonate providing visual access to all three compartments.

All caging shall be finished in white polyester powder-coat finish. No modifications shall be made to the vehicles rear doors.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 18 35
		FIRM NAME (Must be filled in)	

Two (2) additional dome lights shall be mounted in three compartment layouts to provide a total of four dome lights in the rear compartments. (EA).

2.2.35 **42810 009 470**
OPTIONAL SINGLE MAXIMIMUM INNER SECURITY DOOR FOR SIDE COMPARTMENT ON FPT-138ET (FPM99112-C1) (EA).

2.2.36 **42810 009 471**
OPTIONAL CHEEK CHOCKS (FOR FPT-138) FPM99036 (EA).

2.2.37 **42810 009 472**
GRAP STRAPS (FOR FPT-138 NEED TOTAL OF 10) KKM99068 (EA).

2.2.38 **42810 009 451**
EXTERIOR SECURITY LOCKS
The side and rear doors to the prisoner compartment of the vehicle shall be secured with an exterior locking bar assembly, HSEC model V063 or equal, consisting of a drop forged latch handle polar hardware handle part #172-100 and one polar hardware hasp part #172-209. Both the handle and hasp shall be welded to separate pieces of flat steel measuring 4" x 4" x 3/16" and installed to the door with a backing plate on the inside of the door. The handle will pivot on a 2" stud welded to the mounting plate and separated with nylon spacers to allow for smoother rotating function. The handle assembly will be mounted to the first closing door. The hasp assembly will be mounted to the second closing door. The handle and hasp assembly will be attached to the vehicle door using six 3" aluminum rivets, three on each vertical side of the flat steel mounting plate .
Two #5 master padlocks with standard shackles will be supplied to lock the hasp and handle assemblies. The locks will be keyed alike for each vehicle only, with two keys being provided for each lock supplied. (EA).

2.2.39 **42810 009 473**
SECURITY SCREENING FOR WINDOW VANS

DRIVER COMPARTMENT SECURITY PARTITION MODEL HS-PF SERIES
There will be a bulkhead partition installed between the driver compartment seats and the first passenger bench seat of the van. When the partition is installed, both the driver and front passenger seat will have full travel adjustment front to rear. The partition will be set at an angle to allow for maximum legroom for the first passenger bench seat.

The partition frame will be sized to fit the interior height and width of the van. The frame will be formed from 1 1/2" X 1 1/2" X 1/8" steel angle. The lower half of the partition will be a 14 gauge

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 19 35
		FIRM NAME (Must be filled in)	

steel panel welded to the inner radius of the steel angle. The upper half of the partition will be a 14 gauge perforated steel welded to the inner radius of the angle frame.

There will be two 1" X 1" X 1/8" angle steel vertical supports welded from the base to the top of the partition for added strength.

The partition will be anchored to the floor and roof of the van. The brackets at the roofline will mount from the factory roof support bow to the partition. There will be a minimum of three bolts securing each bracket to the roof bow.

After fabrication, the partition will be washed and etched prior to application of coating.

Coating on all surfaces will be a black polyester based powder coat semi-gloss. The powder coat will be baked at 400 degrees for ten minutes. The powder base will be from 2.5 to 4 mils.

After the partition is installed in the van, a 1/2" polycarbonate panel will be fitted to cover the perforated upper half of the partition. This panel will also extend past the partition frame and will follow the contour of the van. An aluminum filler panel will be installed on each side to fit the side contour of the van below the polycarbonate panel. There will be minimum openings (1/2" maximum) between the two compartments once these panels and partition is properly installed.

MIDDLE PARTITION: A Havis-Shields Equipment, model V051 or equal, heavy duty divider partition will be counted behind the first passenger bench seat and will separate the passengers in that seat from those in the rear of the vehicle. The partition will have a 9 gauge expanded steel mesh upper panel welded to c" x 1.5" x 1.5" angle and c" x 1" square tubular framework. All steel will be black powder coat finish. This partition will contour the right side of the passenger seat and then divide the side door opening so that passengers may be loaded into both front and rear bench seats from the side door. A steel bar will be bolted to the rear of the front bench seat to prevent passengers from climbing under the seat.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 20 35
	FIRM NAME (Must be filled in)		

EXTERIOR WINDOW GUARDS: All windows behind the driver and passenger front doors (including rear and side doors) will be covered with Havis-Shields Equipment Corporations model WGE security guards on the outside of the vehicle. Each window will have its own individual security guard. The exterior guards will be fabricated from 14 gauge perforated sheet steel. The perforations will be .625" by 1.250" diamond shape and will be configured in a pattern to maximize visibility and strength. All four sides of each guard will have a one (1") inch bend with welded corners to provide strength and a mounting surface.

The guards will have a slight contour pressed into their shape so that they follow the contour of the body as closely as possible without chaffing. All steel guards will be zinc plated to resist corrosion and in addition will have a white polyester powder coat finish. The guards shall be mounted to the body using a steel pin and padlock system. Each guard will have two (three eighths inch) 3/8" diameter by one (1") inch long steel pins which will index into angle brackets which are fastened to the body of the vehicle with stainless steel rivets. The pins will be located at the bottom of the guard and drop into the receiver bracket. The top of the screens will then be pad locked (Masterlock #2 brass locks) to top brackets. All padlocks are to be keyed alike.

INTERIOR WINDOW GUARDS: All windows behind the driver and passenger front doors (including rear and side doors) will be covered with Havis-Shields Equipment Corporations model WGI security guards on the interior of the vehicle. Each window will have its own individual security guard. The interior guards will be fabricated from 14 gauge perforated sheet steel. The perforations will be .625" by 1.250" diamond shape and will be configured in a pattern to maximize visibility and strength. Mounting holes and notches for latches are pre-located to allow easy mounting to the vehicle window frame. Some models require and adjustable "L" bracket system in order to securely mount, without extreme modifications to existing plastic trim. Most models require some modification to O.E.M. trim package. All steel parts are deburred and finished with a black polyester powder coat finish. All mounting hardware necessary for installation is included.

REAR PARTITION: One rear partition model PT-PR to be mounted behind last bench seat to separate passengers from rear cargo area of doors. It will have side filler panels to prevent passengers reaching into cargo area as well as an emergency exit hatch (approximately 16" high X 34" wide). The hatch will include two (2) quick release lock pins. This partition will be fabricated with 1/8" X 1 1/2" X 1 1/2" angle framework with 14-gauge steel upper and lower sections.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 21 35
		FIRM NAME (Must be filled in)	

The emergency exit will also be 14-gauge formed steel with perforated viewing area and extends from bench seat top to ceiling. The partition to be securely fastened to the floor and to the top sides. Finish to be black powder coat.

VANDAL PROOF GUARDS: A Havis-Shields Equipment, model V062 or equal, overhead air conditioning controls will be made inoperable and/or removed. The overhead ductwork will be covered with .90 aluminum sheet hat section with perforated vents at each duct opening. The OEM center dome light will be removed and replaced a 4" round recessed dome light and " clear polycarbonate guard.

EXTERIOR SECURITY LOCKS: The side and rear doors to the prisoner compartment of the vehicle shall be secured with an exterior locking bar assembly, HSEC model V063 or equal, consisting of a drop forged latch handle polar hardware handle part #172-100 and one polar hardware hasp part #172-209. Both the handle and hasp shall be welded to separate pieces of flat steel measuring 4" x 4" x 3/16" and installed to the door with a backing plate on the inside of the door. The handle will pivot on a " stud welded to the mounting plate and separated with nylon spacers to allow for smoother rotating function. The handle assembly will be mounted to the first closing door. The hasp assembly will be mounted to the second closing door. The handle and hasp assembly will be attached to the vehicle door using six " aluminum rivets, three on each vertical side of the flat steel mounting plate. Two #5 master padlocks with standard shackles will be supplied to lock the hasp and handle assemblies. The locks will be keyed alike for each vehicle only, with two keys being provided for each lock supplied.

ELECTRICAL ACCESSORY INSTALLATIONS: All wiring and electrical components used will be rated by S.A.E. standards to handle 150% of the electrical load capacity of the accessories being powered. The main power feed from the battery will be protected by a weather proof manual reset thermal circuit breaker located in closed proximity to the battery. The main power wire will be the source of power of all accessory circuit breakers. All circuits will be protected by automatic reset thermal circuit breakers. All wiring will be color coded GXL cross link running from each circuit breaker powering each switch and /or electrical accessory.

All electrical accessory wire terminals and connects will be made with double crimp nylon jacketed terminals. Any wires running through a metal hole in the vehicle will be protected by a grommet. All wires will be encapsulated in a corrugated vinyl split loom. All holes that the wires pass through from the interior to the exterior of the vehicle will be sealed with a silicone based sealant to prevent fumes and moisture from entering the vehicle.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 22 35
		FIRM NAME (Must be filled in)	

OTHER SECURITY MEASURES: All side and rear interior door handles will be made inoperable. All pop-out windows will be screwed shut and any open holes will be covered.

SCREEN DIVIDER

Provide and install another screen behind the first bench seat. The screen shall be made of the same material and design as the rear divider. It shall follow the contour of the back of the bench seat, and securely mounted to the floor, roof, and walls. The separator screen shall have a hinged door to cover the opening between the screen and the opening to the rear passenger compartment. This door shall be secured in place by the closing of the rear side door.
(EA).

- 2.2.40 **42810 009 474**
Provide a PUSH-BUMPER grille protector and mounting bracket that is sturdy enough to push disabled vehicles off road without damage to unit it is mounted to. It shall also allow for mounting a 100 WATT vehicular siren and various types of directional flashing warning lights. It shall be constructed of strong aircraft grade aluminum. REF: LECTRIC LITES CO. MODEL AVB-MB (EA).
- 2.2.41 **42810 009 420**
Van Interior Package, Deluxe Maintenance Package
Ref: NEVLEN DMP / WEATHER GUARD or approved equal. (EA).
- 2.2.42 **42810 009 421**
Van Interior Package, Communications / Cable Package
Ref: NEVLEN CCP / WEATHER GUARD or approved equal. (EA).
- 2.2.43 **42810 009 422**
Van Interior Package, Service / Maintenance Package
Ref: NEVLEN SMP / WEATHER GUARD or approved equal. (EA).
- 2.2.44 **42810 009 423**
Van Interior Package, Technicians Service Package
Ref: NEVLEN TSP / WEATHER GUARD or approved equal. (EA).
- 2.2.45 **42810 009 424**
Van Interior Package, HVAC Package
Ref: NEVLEN HVAC / WEATHER GUARD or approved equal. (EA).
- 2.2.46 **42810 009 425**
Van Interior Package, Deluxe Maintenance Package, Extended Van
Ref: NEVLEN DMP / WEATHER GUARD or approved equal. (EA).
- 2.2.47 **42810 009 426**
Van Interior Package, Communications / Cable Package, Extended Van
Ref: NEVLEN CCP / WEATHER GUARD or approved equal. (EA).

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 23 35
		FIRM NAME (Must be filled in)	

- 2.2.48 **42810 009 427**
Van Interior Package, Service / Maintenance Package, Extended Van
Ref: NEVLEN SMP / WEATHER GUARD or approved equal. (EA).
- 2.2.49 **42810 009 428**
Van Interior Package, Technicians Service Package, Extended Van
Ref: NEVLEN TSP / WEATHER GUARD or approved equal. (EA).
- 2.2.50 **42180 009 429**
Van Interior Package, HVAC Package, Extended Van
Ref: NEVLEN HVAC / WEATHER GUARD or approved equal. (EA).
- 2.2.51 **42810 009 430**
Roof ladder rack, aluminum.
Ref: NEVLEN 26 AL (EA).
- 2.2.52 **42810 009 431**
Provide one (1) set of manuals as required in section 32.3.1
(EA).
- 2.2.53 **42810 009 475**
Provide an inverter 2000 watt, 110 volt, 15 amp. maximum service with
two (2) weather proof G.F.I. outlets, one on each side rear of body.
Provide an automatic throttle control system. Provide a low voltage
auto throttle advance.
Ref: Dimensions or approved equal. (EA).

GENERAL SPECIFICATIONS:

- 2.3 **DELIVERY INSTRUCTIONS:**
Department will contract vendor with delivery instructions.

All Invoices Against This Purchase Order Should Be Mailed To:
Office of Fleet Management
Accounting Unit, 3rd Floor
100 South Broad Street
Philadelphia, PA 19110

All motor vehicles, which are furnished by the awarded vendor, must be manufactured in the United States, Canada or Mexico. Motor vehicles consist of passenger cars and trucks in accordance with 75 Pa. C.S. §102, known as the Vehicle Code. A motor vehicle is manufactured in the United States, Canada or Mexico if a substantial majority of the principal components are assembled into the final products in an assembly plant in the United States, Canada or Mexico.

The awarded contractor shall be prepared to prove that the motor vehicles which will be or have been furnished to the City of Philadelphia are, or were, in fact, manufactured in the United States, Canada or Mexico in accordance with

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 24 35
		FIRM NAME (Must be filled in)	

Sections 3731-3736 of the Commonwealth Procurement Code (62 Pa. C.S. §§3731-3736, with applicability to the City of Philadelphia at 62 Pa.C.S. §3102), known as the Motor Vehicle Procurement Act. No payment shall be made to the awarded contractor unless the City of Philadelphia is satisfied that the contractor has complied with these provisions and the Motor Vehicle Procurement Act. Any payments made to the contractor, which should have not been made, shall be recoverable directly from the contractor. In addition to the withholding of payments, any person who willfully violates any of the provisions of the Motor Vehicle Procurement Act, may be prohibited by the City of Philadelphia from participation in contracts awarded by the City of Philadelphia for a period of three years from the date of the determination that a violation has occurred.

SECTION 3: BID EVALUATION AND AWARD

3.1 EVALUATION

3.1.1 Bid will be evaluated by the Procurement Department.

3.1.2 Bids will be evaluated for responsiveness to the bid specifications and for responsibility of the bidders.

3.1.3 Bids which are determined to be non-responsive for reasons of:

- (i) improper bid security
- (ii) improper bid execution
- (iii) incompleteness
- (iv) offering counter terms and conditions
- (V) improper or incomplete execution of MBEC documents (if applicable)

may be disqualified by the City without notice to the bidder. The decision of the City is final.

3.1.4 Bidders whose bids are determined to be non-responsible for reasons of bidder qualification shall be notified by the City of the reasons for the determination and may contest the finding of non-responsibility through the prescribed procedures described in paragraph 12 of "Terms and Conditions of Bidding and Contract".

3.2 AWARD

3.2.1 This Invitation and Bid shall be awarded as a whole to the lowest responsive and responsible bidder(s).

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 25 35
		FIRM NAME (Must be filled in)	

3.2.2 The Contract award will be in the amount of the total amount bid for the items plus a 5% contingency amount to allow and provide for technological changes, improvements or amplifications as the result of the pilot inspection, etc.

3.2.3 If the 5 % local bid preference is applicable, the total bid price or total section price of the certified Local Business Entity (LBE) will be multiplied by .95 and rounded to the second decimal place. The adjusted bid price of the LBE will then be used in determining the lowest responsive and responsible bidder.

Unless the Procurement Commissioner determines not to grant a preference for the reasons stated in subsection b., of the LBE Regulations, an LBE, whose bid is otherwise responsive and responsible and who has submitted the information required above, shall be granted a five percent bid preference on competitive bid (s) awards that are over \$25,000.00 and awarded as a whole or by section.

3.2.4 Performance Security

If the total award amount exceeds \$500,000, the Master Performance Security Program does not apply. Upon notification of award, the City will require the successful vendor to provide an individual Performance Bond in the amount of 100% of the contract award as specified in the Letter of Award. For any subsequent renewal periods, sections 1.2.1 and 1.2.2 shall apply.

3.2.5 If the total award amount exceeds \$500,000, the Master Performance Security Program does not apply. Upon notification of award, the City will require the successful vendor to provide an individual Performance Bond in the amount of 100% of the contract award as specified in the Letter of Award.

3.2.6 Insurance

Insurance is a requirement for this bid in accordance with Paragraph 14 of the "Terms and Conditions of Bidding and Contract". No contract will be executed nor purchase order issued unless and until all required insurance certificates, in the required amount, are received. **All insurance MUST meet the following requirements:**

- Insured must be in the same name and address as the Bidder
- The insurance carrier must be rated "A" or better by AM Best
- The certificate holder must be the City of Philadelphia, and specifically named as an additional insured on the certificate the "Description of Operations section".
- Certificate must be signed by an authorized representative of the insurance company/carrier

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 26 35
		FIRM NAME (Must be filled in)	

All certificates are to be sent to the Office of Risk Management, One Parkway, 1515 Arch Street, 14th Floor, Philadelphia, PA 19102, Attn. Debbie Lawton or FAX to (215) 683-1705.

SECTION 4: CONTRACT MANAGEMENT

4.1 CITY OF PHILADELPHIA RESPONSIBILITY

4.1.1 Order Against Contracts

- (i) Upon contract conformance of a Firm Limit bid, the Procurement Department shall apply the department's requisition against the contract and issue a purchase order for product awarded.
- (ii) Subsequent to contract conformance of a Requirements bid, purchase orders will be issued at such time that the product is needed. Such purchase orders will show if delivery is to be made upon receipt of order, or only after notification by the using department.

4.1.1.1 The purchase order will be issued for unit and price not including contingency.

4.1.1.2 If during the production process the City identifies a need, the City will issue a change order. The total of the original purchase order and the change orders cannot exceed the contract total.

4.1.2 Invoices submitted shall be processed for payment upon the City's acceptance of the subject vehicle or equipment.

4.1.3 The using agencies and departments are responsible for monitoring the products delivered as described in the contract. If any problems arise, a letter should be sent to the vendor requesting resolution by a specified date. A copy should be sent to the buyer. If vendor does not resolve the breach of contract by the requested date the matter should be turned over to the buyer.

4.1.4 ADD-ONS

The City reserves the right to add, delete and/or acquire other product/services that the vendor can supply that are similar to, but not specifically called for in this bid. The procedure for such acquisitions shall be as follows:

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 27 35
		FIRM NAME (Must be filled in)	

Procurement or the using department will obtain from the Vendor a letter (on his/her letterhead) verifying the items to be added. The letter shall include the complete description of the item, the location (if applicable), the bid number, bid scheduled number, the price to the City and the applicable contract period; and upon receipt and approval by the Procurement Department shall automatically become part of the contract.

4.2 VENDOR RESPONSIBILITY

- 4.2.1 Contractor may deliver only vehicle(s) or equipment as authorized in the contract and only after receipt of a purchase order or other authorized document from the Procurement Department. All orders must be in writing. Contractor shall not accept verbal delivery requests until after receipt of purchase order or other authorizing document from Procurement.
- 4.2.2 Contractor may deliver only vehicle(s) or equipment at the prices quoted and the quantities reflected in the contract
- 4.2.3 In the event that the contractor receives an order for vehicle(s) or equipment not specifically priced and incorporated into the contract, they must:
- (i) bring this to the immediate attention of the Procurement Dept., and
 - (ii) notify the ordering agency in writing and refuse to deliver.
- 4.2.4 Should vehicle(s) or equipment be delivered that are not specifically incorporated and priced into the contract, and/or be delivered without purchase order, the City shall have no obligation for payment.
- 4.2.5 For delivery of vehicle(s) or equipment, contractor shall honor and be paid for orders placed until the close of business of the date of purchase order expiration. Delivery of vehicle(s) or equipment may occur following purchase expiration, so long as the order was placed prior to the purchase order expiration date.
- 4.2.5.1 Liquidated Damages For Late Deliveries
- These specifications shall be subject to the following contractual provisions:

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 28 35
		FIRM NAME (Must be filled in)	

- (1) Time is an essential element of this agreement and Seller agrees that deliveries of items in condition satisfactory to the Procurement Commissioner shall be completed as provided on the day(s) specified pursuant to the delivery schedule contained in specifications.
- (2) For each and every day that a vehicle is late, in accordance with the delivery schedule, the Procurement Commissioner may deduct from the monies due or becoming due Seller the sum per day per undelivered vehicle specified in the bid as liquidated damages to compensate Buyer for its damages arising out of delay in delivery. The number of days of default shall be computed as including the day of default through to but not inclusive of the day when delivery is made. Provided, however, as to item delivered but rejected, the item shall be considered as non-delivered from the date on which the vendor is notified of rejection until the date the item is re-delivered.
- (3) The term "vehicle" as used above shall refer to each vehicle, vehicle body, chassis, or other unit of equipment awarded to the bidder.
- (4) Notwithstanding the above provisions Seller shall not be liable for liquidated damages for delays in delivery caused by Acts of God, acts of public enemy, acts of government, quarantine restrictions and general strikes throughout the industry or freight embargoes not caused by or participated in by Seller.
- (5) Resort to liquidated damages provision by Buyer shall not preclude by Buyer from resorting to other available remedies for subsequent or continuing breaches by Seller.
- (6) Liquidated damages will be in the amount of \$50.00 per calendar day per vehicle that delivery of each vehicle exceeds the delivery schedule stated.

4.2.6 Successful bidder(s) will invoice after delivery and acceptance of vehicle(s) or equipment by the City to the address shown on purchase order.

4.2.7 Escalation Price

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 29 35
		FIRM NAME (Must be filled in)	

Vendor shall provide current model year vehicles at the prices set forth in Section 5. For subsequent model years, the vendor may increase or decrease the price provided that:

Next model year vehicle and optional pricing will be based on the percentage difference between the new dealer cost sheet and pricing level and the dealer cost sheet and pricing level effective on the date of the bid opening. This proportional (percentage) increase or decrease will be applicable to the contract price for the current model year vehicle and/or option, thus establishing the new price next model year vehicle and options.

Notice of any price changes in the dealer cost sheet and pricing level established by the Manufacturer shall be given in writing to the Procurement Department, Department of Finance and the Controller Office. This notice must be accompanied by the notice from the manufacturer to the vendor showing the price changes. The City reserve the right to review the propriety of the price rise and cancel the contract at its discretion.

In no event shall the increased prices exceed the dealer's cost sheet and pricing level for vehicles under similar terms and conditions.

4.2.8 At the conclusion of this contract, Contractor agrees to cooperate with any incoming vendor on a transition plan to ensure an orderly changeover of responsibilities.

4.3 VENDOR ACCEPTANCES - IN SUBMITTING AN EXECUTED BID, THE BIDDER AGREES TO THE CONTRACT MANAGEMENT PROCEDURES IN THIS SECTION.

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 30 35
		FIRM NAME (Must be filled in)	

SECTION 5: PRICING

(PRICES QUOTED MAY NOT EXCEED THREE (3) DECIMAL PLACES)

Unit pricing quoted below will prevail in case of any discrepancy(ies) between unit price and the extended amount and will be the determining factor in establishing applicable contract amount (s) /award.

PRICING SCHEDULE

Projected Purchases first year

_____1_____

Requirements Contract with option for THREE (3) ONE (1) Year Renewals

		Unit	Price
5.1	42 810 002 060 VAN, CARGO, 4 x 2, 6,200 lb. approx., w/4.3L V-6 MFI engine	ea.	\$_____
5.2	42810 002 061 VAN, CARGO, AWD, 6,200 lb. approx., w/5.3L V-8 MFI engine	ea.	\$_____
5.3	42810 002 062 VAN, CARGO, 4 x 2, 7,300 lb. approx., w/4.8L V-8 MFI engine	ea.	\$_____
5.4	42810 002 063 VAN, CARGO, 4 x 2, 7,300 lb. approx., extended wheelbase, w/4.8L V-8 MFI engine	ea.	\$_____
5.5	42810 002 064 VAN, CARGO, AWD, 7,300 lb. approx., w/5.3L V-8 MFI engine	ea.	\$_____
5.6	42810 002 065 VAN, CARGO, 4 x 2, 9,600 lb. approx., w/6.0L V-8 MFI engine	ea.	\$_____
5.7	42810 002 066 VAN, CARGO, 4 x 2, 9,600 lb. approx., extended wheelbase, w/6.0L V-8 MFI engine	ea.	\$_____

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 31 35
	FIRM NAME (Must be filled in)		

		Unit	Price
5.8	42810 002 067 VAN, 7 PASSENGER, 4 x 2, 7,200 lb. approx., w/4.3L V-6 MFI engine	ea.	\$_____
5.9	42810 002 068 VAN, 11 PASSENGER, AWD, 7,200 lb. approx., w/5.3L V-8 MFI engine	ea.	\$_____
5.10	42810 002 069 VAN, 7 PASSENGER, 4 x 2, 8,600 lb. approx., W/6.0L V-8 MFI engine	ea.	\$_____
5.11	42810 002 070 VAN, 11 PASSENGER, 4 x 2, 8,600 lb. approx., W/6.0L V-8 MFI engine	ea.	\$_____
5.12	42810 002 071 VAN, 14 PASSENGER, 4 x 2, 8,600 lb. approx., extended wheelbase W/6.0L V-8 MFI engine	ea.	\$_____
5.13	42810 002 072 VAN, 7 PASSENGER, 4 x 2, 9,600 lb. approx., W/6.0L V-8 MFI engine	ea.	\$_____
5.14	42810 002 073 VAN, 11 PASSENGER, 4 x 2, 9,600 lb. approx., W/6.0L V-8 MFI engine	ea.	\$_____
5.15	42810 002 074 VAN, 14 PASSENGER, 4 x 2, 9,600 lb. approx., extended wheelbase W/6.0L V-8 MFI engine	ea.	\$_____
5.16	42810 009 381 Optional left hand swing-out side 60/40 split door, on models without extended wheelbase.	ea.	\$_____
5.17	42810 009 372 Optional exterior lift doors, left and right side, on cargo vans. Storage bins shall be provided. Doors shall be opened by remote fob.	ea.	\$_____

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 32 35
		FIRM NAME (Must be filled in)	

		Unit	Price
5.18	COLORS		
5.18.1	42810 009 044 SAFETY YELLOW FAA APPROVED	ea.	\$_____
5.18.2	42810 009 045 RED, DUPONT Centari 1024AW	ea.	\$_____
5.18.3	42810 009 046 BLACK	ea.	\$_____
5.19	42810 009 000 HEAVY DUTY CHROME PLATED FRONT BUMPER AND REAR STEP BUMPER WITH 2 INCH HITCH BALL.	ea.	\$_____
5.20	42810 009 900 DRAW-TITE, OR EQUAL, FRAME MOUNTED HITCH Ref spec. 2.2.20	ea.	\$_____
5.21	42810 009 408 REAR AIR CONDITIONING (FACTORY INSTALLED)	ea.	\$_____
5.22	42810 009 003 REAR HEATER (FACTORY INSTALLED)	ea.	\$_____
5.23	42810 009 410 PREMIUM QUALITY CLOTH INTERIOR WITH CARPETING.	ea.	\$_____
5.24	42810 009 373 STANDARD STEEL REINFORCED INTEGRAL VAN BODY COMPLETE WITH HINGED DUAL SIDE DOORS AND REAR DOORS WITH GLASS WINDOWS.	ea.	\$_____
5.25	42810 009 412 Provide one (1) strobe light, amber lens, with branch guard and cab control. Ref: Federal Signal / Ultra Star, model US7 (light) Federal Signal / Ultra Star, model 448330 (branch guard)		

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 33 35
		FIRM NAME (Must be filled in)	

	Unit	Price
5.26 42810 009 413 Provide one directional light bar, amber, LED, eight lights, with cab control. Ref: Federal Signal, Model 330312, light w/cable and controller	ea.	\$_____
5.27 42810 009 465 Cargo Area Insert (Sealed and Washable) Ref. Spec. 2.2.27 section 2	ea.	\$_____
5.28 42810 009 466 Police Lighting, Siren, and PA Ref. Spec. code 2.2.28, section 2	ea.	\$_____
5.29 42810 009 416 Provide a roof mount hand controlled spot light Ref: Questar Model QS2	ea.	\$_____
5.30 42810 009 469 Provide AWig-wag@ headlight strobes, cornering lights. REF: Code 3 Model 700	ea.	\$_____
5.31 42810 009 374 FPT-138 FIBERGLASS PRISONER TRANSPORT STANDARD SPECIFICATIONS Ref. Spec. Code 2.2.31, section 2	ea.	\$_____
5.32 42810 009 467 Ref. Spec. 2.2.32	ea.	\$_____
5.33 42810 009 467 00 OPTIONAL DUAL REAR COMPARTMENT LAYOUT MODEL FPT-138ED FOR EXTENDED VANS (18 inches longer) PROVIDING A TOTAL OF TWELVE (12) SEATING LOCATIONS. Ref. Spec.2.2.33, section 2	ea.	\$_____
5.34 42810 009 468 OPTIONAL THREE REAR COMPARTMENT LAYOUT MODEL FPT-138T (Ten Person) Ref. Spec. 2.2.34	ea.	\$_____

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 34 35
	FIRM NAME (Must be filled in)		

	Unit	Price
5.35 42810 009 470 OPTIONAL SINGLE MAXIMINUM INNER SECURITY DOOR FOR SIDE COMPARTMENT ON FPT-138ET (FPM99112-C1)	ea.	\$_____
5.36 42810 009 471 OPTIONAL CHEEK CHOCKS (FOR FPT-138 NEED TOTAL OF 8) FPM99036	ea.	\$_____
5.37 42810 009 472 GRAP STRAPS (FOR FPT-138 NEED TOTAL OF 10) KKM99068	ea.	\$_____
5.38 42810 009 451 EXTERIOR SECURITY LOCKS Ref. Spec. 2.2.38, section 2	ea.	\$_____
5.39 SECURITY SCREENING FOR WINDOW VANS Ref.. Spec. 2.2.39, section 2	ea.	\$_____
5.40 421810 009 474 Provide a PUSH-BUMPER grille protector and mounting bracket REF: LECTRIC LITES CO. MODEL AVB-MB Ref. Spec. 2.2.40, section 2	ea.	\$_____
5.41 42810 009 420 Van Interior Package, Deluxe Maintenance Package Ref:NEVLEN DMP / WEATHER GUARD or approved equal.	ea.	\$_____
5.42 42810 009 421 Van Interior Package, Communications / Cable Package Ref: NEVLEN CCP / WEATHER GUARD or approved equal.	ea.	\$_____
5.43 42810 009 422 Van Interior Package, Service / Maintenance Package Ref: NEVLEN SMP / WEATHER GUARD or approved equal.	ea.	\$_____
5.44 42810 009 423 Van Interior Package, Technicians Service Package Ref: NEVLEN TSP / WEATHER GUARD or approved equal.	ea.	\$_____
5.45 42810 009 424 Van Interior Package, HVAC Package Ref: NEVLEN HVAC / WEATHER GUARD or approved equal.	ea.	\$_____

	Unit	Price
5.46 42810 009 425		

INVITATION AND BID Continuation	CITY OF PHILADELPHIA PROCUREMENT DEPARTMENT PHILADELPHIA, PA 19102 - 1685	BID NUMBER S7D02020	PAGE OF 35 35
		FIRM NAME (Must be filled in)	

- Van Interior Package, Deluxe Maintenance Package, Extended Van
 Ref: NEVLEN DMP / WEATHER GUARD or approved equal. ea. \$_____
- 5.47 **42810 009 426**
 Van Interior Package, Communications / Cable Package, Extended Van
 Ref: NEVLEN CCP / WEATHER GUARD or approved equal. ea. \$_____
- 5.48 **42810 009 427**
 Van Interior Package, Service / Maintenance Package, Extended Van
 Ref: NEVLEN SMP / WEATHER GUARD or approved equal. ea. \$_____
- 5.49 **42810 009 428**
 Van Interior Package, Technicians Service Package, Extended Van
 Ref: NEVLEN TSP / WEATHER GUARD or approved equal. ea. \$_____
- 5.50 **42810 009 429**
 Van Interior Package, HVAC Package, Extended Van
 Ref: NEVLEN HVAC / WEATHER GUARD or approved equal. ea. \$_____
- 5.51 **42810 009 430**
 Roof ladder rack, aluminum.
 Ref: NEVLEN 26 AL ea. \$_____
- 5.52 **42810 009 431**
 Provide one (1) set of manuals as required in section 32 ea. \$_____
- 5.53 **42810-009-475**
 Provide an inverter 2000 watt, 110 volt, 15 amp. Maximum service with two (2) weather proof G.F.I. outlets, one on each side rear of body. Provide an automatic throttle control system. Provide a low voltage auto throttle advance.
 Ref: Dimensions or approved equal ea. \$_____

BASIS OF AWARD FOR THIS BID WILL BE BASED ON LOWEST TOTAL PRICE FOR ITEMS 5.1 TO 5.53.

Extended Total Bid Amount \$_____

(Unit Price Quantity for all items bid)

CITY OF PHILADELPHIA



BID BOND

FOR CITY OF PHILADELPHIA BID NUMBER: _____
(Please Fill In)

KNOW ALL MEN BY THESE PRESENTS, THAT WE _____
_____ as Principal
(hereinafter called the "Principal Obligor"), and

_____ (as Surety) are jointly and severally held and firmly bound unto The City of Philadelphia, in the sum of **TEN PERCENT (10%) OF THE GROSS AMOUNT OF THE BID** lawful money of the United States of America, to be paid to the said City of Philadelphia, its successors and assigns; to which payment, well and truly to be made we do bind ourselves and each of us, our and each of our successors and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated the _____ day of _____ two-thousand and six (2006).

WHEREAS the above bounded Principal Obligor, submitted a bid pursuant to the above-referenced bid number to provide certain goods, services, or equipment to the City of Philadelphia.

NOW THE CONDITION OF THIS OBLIGATION IS SUCH, That if the City of Philadelphia shall accept the bid of the Principal Obligor and the Principal Obligor shall enter into a contract with the City in accordance with the terms of such bid, and furnish such bond or bonds as are specified in the bid documents with good and sufficient surety, for the faithful performance of the contract; or in the event of the failure or refusal of the Principal Obligor to enter into such contract and give such bond or bonds, if the Principal Obligor shall pay to the City the difference between the amount specified in said bid and such larger amount for which the City may legally contract with another party to provide the goods, services, or equipment required by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

And for the doing of these acts this instrument or a copy thereof attested as aforesaid shall be full warrant and authority.

CORPORATE SEAL:

PRINCIPAL OBLIGOR:

President/Vice-President (SEAL)

Secretary/Treasurer (SEAL)

SURETY SEAL:

SURETY:

Attorney-In-Fact (SEAL)

INSTRUCTIONS:

- (1) ALL VENDORS MUST UTILIZE THIS BID BOND FORM WHEN SUBMITTING A BID TO THE CITY.
- (2) IF PRINCIPAL OBLIGOR IS AN INDIVIDUAL OR PARTNERSHIP, BID BOND SHOULD BE SIGNED BY OWNER OR AUTHORIZED GENERAL PARTNER. PLEASE IDENTIFY ON THE BID BOND THE TYPE OF BUSINESS (E.G. INDIVIDUAL PROPRIETORSHIP OR PARTNERSHIP) AND TITLE OF PARTY EXECUTING THE BID BOND.
- (3) BID BOND MUST BE EXECUTED BY A SURETY COMPANY DULY AUTHORIZED AND LICENSED TO ACT AS SURETY BY THE PENNSYLVANIA INSURANCE COMMISSIONER PURSUANT TO THE LAWS OF THE COMMONWEALTH OF PENNSYLVANIA.

BID No.			ITEM No.			QUANTITY		
CHASSIS								
MAKE			MODEL NO.			WHEELBASE		
ENGINE								
MAKE			MODEL	DISPL. (CU. IN.)		NO. CYL	MAXIMUM NET H.P.	GOVERNED RPM
TRANSMISSION								
MAKE			MODEL NO.			TYPE		
SPEED RATIOS						NO. PTO OPENINGS		
CLUTCH								
MAKE			NOMINAL DIAMETER			TYPE <input type="checkbox"/> Single Disk <input type="checkbox"/> Twin Disk		
AXLES								
FRONT	MAKE		MODEL NO.			CAPACITY AT GROUND Lbs.		
REAR	MAKE		MODEL NO. RATIO			CAPACITY AT GROUND Lbs.		
FRAME								
SECTION MODULS			MAX. RESISTING MOMENT Inch-Lbs.			YIELD STRENGTH. MIN Lbs./Sq. In.		
SIDE RAIL DIMENSIONS								
STEERING								
TURNING RADIUS FT.			POWER <input type="checkbox"/> NO <input type="checkbox"/> YES			(MAKE)		(MODEL)
WHEELS								
FRONT-MAKE AND RIM SIZE					REAR-MAKE AND RIM SIZE			
TIRES								
FRONT	NO.	SIZE	PLY RATING	CAPACITY Lbs.@ Psi.		TYPE <input type="checkbox"/> Tube <input type="checkbox"/> Tubeless		CORD MATERIAL
REAR	NO.	SIZE	PLY RATING	CAPACITY Lbs.@ Psi.		TYPE <input type="checkbox"/> Tube <input type="checkbox"/> Tubeless		CORD MATERIAL
80-247B(Rev.4/69)			AUTOMOTIVE DATA					

Type VAN, VARIOUS CONFIGURATIONS, 4 x 2, AWD

GVWR VARIOUS

Spec. Code 22206k.25

Ref: Purch. Description 41-V-20M:86

Vocation: CARGO, PERSONNEL, PRISONER TRANSPORTATION

Intent: It is the intent to describe in more detail a conventional van of various configurations with a reinforced steel body construction, gasoline powered, seating for two and up to fifteen (15) people, complete with two curbside doors, two optional Manufacturer installed street side doors and two rear doors, All Wheel Drive capable, curb side and street side lift doors to access storage bins in addition to various selections of equipment. All equipment selected shall be installed and operational at the time of delivery of the unit(s).

The following paragraphs cover all equipment, attachments and superstructures included in the modification to the standard specification(s).

Appurtenances and/or accessories not herein mentioned but necessary to furnish a complete unit ready for immediate use upon delivery shall be included and conform to the best practices known in strength, quality, material and workmanship and be subject to these specifications in full. Should the manufacturer's current published data or specifications exceed these, they shall be considered minimum and be furnished. Dealer must furnish at time of delivery, for each piece of equipment being delivered, a line sheet pertaining to all components of the vehicle. This unit must supply as a minimum all standard equipment of the referenced model(s) in this specification.

All wiring shall be color or number coded throughout. All electrical circuits shall be protected by circuit breakers or fuses. All chassis-to-body wiring shall be of the **DIN / WEATHERPACK** type connections. All wiring connections shall be crimped and soldered and covered with shrink wrap.

All wiring and non hydraulic hoses and tubing throughout shall be protected by convoluted plastic loom. All hydraulic hoses and tubing shall be protected by a nylon abrasion sleeve covering. Rubber grommets shall be supplied on all wiring and hoses when passing through any bulkheads, body panels, etc.

It should be noted that the specific requirements, as outlined below, supersede and/or modify the corresponding paragraphs in the standard reference purchase description specification. It also should be noted that any deviation of a line item should be addressed in letter form and included in the bid package.

MUST BE FILLED IN
FIRM (VENDORS) NAME _____ BID NUMBER _____

This specification is not meant to be restrictive. It is recognized that manufacturers may have used different methods to insure integrity of their system. Bidders may substitute, for evaluation, alternate systems and the testing programs or protocols they have conducted to demonstrate compliance of their product. (AOr Approved Equal@ Clause@)

"OR APPROVED EQUAL"

The mention in the specifications of equipment or material by brand name or by such specified description of the same as is hereby made, is intended to convey to the bidder's understanding the degree of excellence required. Any article, equipment, or material which will conform to the standards and excellence so established, and is of equal merit, strength, durability and appearance to perform the desired function, and are in service with other major municipalities in the United States. The Bidder is deemed eligible for offer as a substitute. The qualifications of the offering will be judged as to their conformance with these specifications. Any equipment offered other than herein specified will be subject to a competitive demonstration and evaluation by the using department. This demonstration is to be provided on request within ten (10) working days after the receipt of bids. The result of that demonstration and evaluation will be of prime importance in the recommendation to the governing body for the final contract award.

MODIFICATIONS TO THE STANDARD SPECIFICATION (S)

3.0 CAB & CHASSIS

3.1 Provide seating, with heavy duty vinyl covering, to be applicable for unit ordered.

3.2 GVWR VARIOUS
Wheelbase VARIOUS

3.3 Chassis Body & Cab Colors including Wheel Rims

3.3.1 Base Color White, BASF 21-22783 Glasurit / PPG / Dupont or approved equal

The use of other manufacturers' paints and base colors require prior approval by the Engineer, and the submittal of an approx 4 in. x 6 in sample of the base coat/final coat to be used.

3.3.2 Through 3.3.4 Omit

4.0 BODY

4.1 Provide standard steel reinforced integral van body complete with hinged dual side doors and rear doors.

MUST BE FILLED IN

FIRM (VENDORS) NAME _____ BID NUMBER _____

All doors shall be keyed alike, one key system.

5.0 CAB & BODY EQUIPMENT

- 5.1.1** Provide manufacturer's highest output heater/air conditioning and defroster system available.
- 5.1.2** All gauges shall be electrical, illuminated, and shall include but not to be limited to fuel, coolant temperature, oil pressure, voltmeter, electronic speedometer and **hour meter**.
- 5.1.3** Provide two speed electric windshield wipers with windshield washer system. The windshield wipers shall be of the intermittent type.
- 5.1.4** Provide largest size dual sun visors.
- 5.1.5** Provide a cab dome light, with additional light in cargo body, centerline mounted, activated by either door opening and by switch and two switch operated cargo area dome lights.
- 5.1.6** Provide heavy duty turn signal indicator with transistorized flasher.
- 5.1.9** Provide flat glass/convex mirrors, both sides.
- 5.1.9.1** Provide an 8" convex mirror, mounted on a tri-pod bracket, located on the left side rear, top of unit. (for viewing of rear of unit - van only)
Ref: VELVAC #712639, 712640, 713120, 713121
- 5.1.10** Rustproofing
 Areas to be rustproofed (wet, airless spraying, no mist applications) shall include but not be limited to: Light wells, doors, rocker panels, rear vertical door jambs, front pillars, fender and fender wells, entire underbody, etc.
- The rustproofing compound shall be in accordance with MIL SPEC QPL 62218, or latest revision. All surfaces shall be properly prepared and finished.
- NOTE: If rustproofing option is other than the above, submit detailed specifications of materials and process for approval.**
- 5.1.12** Provide tinted safety glass throughout.
- 5.1.13** Provide AM/FM stereo radio, complete with antenna and two speakers.
- 5.1.14** Provide full, heavy duty rubber mats throughout. Rear cargo to be included.

MUST BE FILLED IN
 FIRM (VENDORS) NAME _____ BID NUMBER _____

5.1.15 Provide "Towing Package".

6.0 FRAME

6.1 Provide a full frame. (integral or uni-body construction not acceptable)

7.0 AXLES AND SUSPENSION SYSTEMS

7.2 Provide gas pressurized shock absorbers, front and rear, including front stabilizing bars.

8.0 BRAKES

8.1 Provide hydraulic power brakes, all wheels to be anti-lock type.

8.4 Provide largest size brake option for the model specified. Brake linings shall be of non-asbestos material.

9.0 ENGINE

9.1 Provide gasoline engine. **Refer to pricing page for engine requirements.**

10.0 ENGINE EQUIPMENT

10.8 Provide magnetic oil drain plug.

11.0 TRANSMISSION

11.1 Provide an automatic transmission, four speed with overdrive.

11.1.1 Provide a PTO opening (if available)

12.0 STEERING

12.1 Provide power steering with tilt steering wheel if available.

13.0 ENGINE COOLING SYSTEM

13.2 Provide heavy duty cooling system. All coolant hoses to be silicone with spring type, constant torque stainless steel clamps, if not available, provide manufacturer's standard heavy duty version.

Provide long life anti-freeze protection to -34 degrees, must meet or exceed OEM engine requirements.

MUST BE FILLED IN
FIRM (VENDORS) NAME _____ BID NUMBER _____

Cab & Chassis	5 years, 50,000 miles
Body (Rustproof)	5 years, unlimited miles
All Added equipment	2 years, unlimited miles

NOTE: All minor repairs (less than four (4) labor hours) shall be performed within 1 working day, Sundays excluded.

All minor repairs (over four (4) labor hours) shall be performed within 2 working days, Sundays excluded.

All major repairs shall be performed within 7 working days, Sundays excluded.

If the time intervals for minor and major repairs are exceeded, the City of Philadelphia reserves the right to perform warranty work with direct invoicing to the successful bidder not the manufacturer.

All warranty work performed by City forces will be billed at the rate of \$52.00/hour

BIDDER INITIALS _____

Transportation to and from the vendor's site, if required, is the successful bidders responsibility. Transportation to and from the vendor's site, performed by City forces it will be billed at a rate of \$52.00 plus the cost of equipment, if needed.

BIDDER INITIALS _____

If the time intervals for minor and major repairs are exceeded, **the City of Philadelphia reserves the right to perform warranty work with direct invoicing to the successful bidder, not the manufacturer.**

BIDDER INITIALS _____

Copies of Warranty Repair Orders shall be forwarded to the Office of Fleet Management within ten (10) days after completion of each repair. Repair orders shall be complete with all parts and labor cost.

BIDDER INITIALS _____

WARRANTY REGISTRATION

The City of Philadelphia requires the successful bidder supply **WARRANTY REGISTRATION** of all warrantable components.

MUST BE FILLED IN
FIRM (VENDORS) NAME _____ BID NUMBER _____

The warranty registration forms shall be supplied to the City, by the successful bidder, listing component description and serial number and chassis serial number. Each form shall require the signature of a representative of the City (OFM), the successful bidder and the subcontractor, where applicable.

If the successful vendor or their subcontractor supplies a standard warranty registration form which includes disclaimers, the City reserves the right to refuse to sign. If no other registration form can be supplied the City shall sign the standard form as a **"REGISTRATION ONLY"**.

The City recognizes only the warranty terms cited in the Invitation to Bid and **agreed to** in the contract awarded to the successful bidder, under Warranty, section 18 and Engineering Responsibility & Chronic Complaints/Failures, section 35.

The City reserves the right to hold final payment until all warranty registrations are completed and a copy of such registrations supplied to OFM.

19.0 PRE-PRODUCTION INSPECTIONS

19.0 OMIT

21.0 QUESTIONS REGARDING BID

All questions regarding bid should be directed to the Bureau of Quality Assurance, 215-686-1875.

30.0 SHIPMENT AND DELIVERY

30.1 Delivery Information - Final Delivery shall be made between the hours of 8:00 AM and 3:30 PM, Monday through Friday, except City Holidays. Each unit shall be accompanied by a Delivery Slip, which will contain the City's Bid Number, Item Number, Purchase Order Number, and Serial Number of the Unit.

VENDOR MUST NOTIFY OFM, THIRTY (30) DAYS PRIOR TO MAKING ANY DELIVERY.

DELIVERY CONTACT PERSON: PETE BAKER 215-686-1877
BUD LIPSKI 215-686-1875
OFFICE OF FLEET MANAGEMENT
100 SOUTH BROAD STREET, 3RD FLOOR
PHILADELPHIA, PA 19110

MUST BE FILLED IN
FIRM (VENDORS) NAME _____ BID NUMBER _____

DELIVERY LOCATION: OFFICE OF FLEET MANAGEMENT
SHOP 415
3895-99 RICHMOND STREET
PHILADELPHIA, PA 19137
PHONE (215) 685 - 1336

32.0 CERTIFICATIONS & MANUALS (PER ORDER)

32.2 Provide the necessary documents for the City to take Title to the vehicle in accordance with the Pennsylvania Motor Vehicle Code. **ALL THE ITEMS, INVOICE (STATE ORIGINAL), MSO, MV-1, ETC) ARE TO BE HAND DELIVERED FOURTEEN (14) DAYS PRIOR TO DELIVERY TO:**

**CITY OF PHILADELPHIA
OFFICE OF FLEET MANAGEMENT
KATHLEEN KELLY
100 S. BROAD STREET, 3RD FLOOR
PHILADELPHIA, PA 19110**

32.3 Operation, Maintenance and Repair Data

Prior to the delivery of the first units, the vendor shall forward directly to the Office of Fleet Management, Maintenance, Operating and Repair manuals and Parts Lists as specified below. The manuals shall be shipped separately to OFM 100 S. Broad Street 3rd Floor, Phila, Pa. 19110 and not with the units. All manuals shall be in the form of neatly bound books, with durable covers, and shall be properly identified with the manufacturer's name, model and serial number of the equipment.

The operating and maintenance or shop manuals shall be the latest manufacturer's handbooks, covering in detail the recommended operating, maintenance and service procedures.

Where components or equipment of several manufacturers have been used in manufacturing the unit, the manuals shall include operating, maintenance and repair information and parts lists of all manufacturers covering all of the components used. Where the vendor or manufacturer uses components manufactured by other in building equipment which he sells under his own trade name, he shall furnish the parts numbers and full data of the original manufacturers of all components used, where possible, as well as the part numbers he may assign to these components as being parts of his product.

32.3.1 One (1) set of manuals shall be furnished per-order. In addition to the manuals required in the referenced 41V, the following also shall be supplied.

Each manual shall cover chassis, superstructure, engine, transmission, differential, hydraulic system and all other added equipment. Operating

MUST BE FILLED IN
FIRM (VENDORS) NAME _____ BID NUMBER _____

Instructions and schematics including:

Maintenance Instructions	Emission Diagrams
Repair Instruction	Electric Wiring Diagrams
Parts Information	Collision

Provide an eight year subscription to all manufacturers issued Service Bulletins (two for each vehicle supplied under this order)

32.3.2 Preventive Maintenance Instructions

In addition to the manuals specified above, the vendor shall furnish an equal number of condensed Preventive Maintenance Instructions for all parts of the unit. These instructions shall consist of manufacturers' recommendations for periodic lubrication, cleaning and other preventive maintenance services, and shall be made up in a compact form covering the particular unit delivered.

32.3.3 Recommended Spare Parts

The vendor shall furnish with each service manual a list of recommended spare parts. The list shall include all necessary data for ordering the parts, even if originally furnished by other manufacturers.

The vendor warrants that they shall maintain or have maintained a stock of repair parts within the Philadelphia Metropolitan area at inventory levels for the period described hereafter:

The manufacturer shall supply, through a dealer, a published price list for spare parts required to support the units to be manufactured hereunder for ten (10) years from the date of delivery of the last unit.

Technical and field service support shall be provided by the vendor, if necessary. This support shall be by personnel qualified to advise on training, repair and maintenance of the equipment.

The technical representatives shall be available in the Philadelphia Metropolitan area when required by the City.

The repair or shop manuals shall include but not be limited to detailed drawings, electric, pneumatic and/or hydraulic schematics, piping diagrams and other pertinent information.

34.0 INSTRUCTIONS & TRAINING (PER-ORDER)

The vendor shall furnish one (1) video training film, VHS 1/2 inch, covering the following subjects (if available):

MUST BE FILLED IN
FIRM (VENDORS) NAME _____ BID NUMBER _____

Operator Training
Routine Maintenance
Preventive Maintenance

If the vendor does not have video training films available at the time of the bid opening, it shall be acceptable to the City that the vendor tape the training sessions at the time of the training, making three (3) copies available to the City.

In addition, the vendor shall instruct City employees in the operation, servicing and maintenance of the units or equipment delivered within thirty (30) after final acceptance of the first unit.

Operators Location to be determined
As needed for added equipment.

Technicians Provide training for four (4) technicians for a minimum of four (4) days at a factory training center.

BIDDER INITIALS _____

35.0 ENGINEERING RESPONSIBILITY & CHRONIC COMPLAINTS / FAILURES

The term **CHRONIC COMPLAINTS / FAILURES**, as used herein, shall mean that the same component, sub-component, assembly or part, such as engine, transmission, differentials, hydraulic system, pumps, etc, including valves, controls, water pumps, high pressure water systems, etc, develops repeated defects, breakdowns and/or malfunctions.

Responsibility for the design of this equipment shall rest upon the Prime Contractor, and he/she shall consider all elements of operation for which the warranty shall apply. The Prime Contractor shall be responsible for the compliance and performance of each sub-contractor, including all suppliers.

When the equipment, units and/or sub-components develop **CHRONIC COMPLAINTS / FAILURES** during service operations, the Prime Contractor will be required to make any engineering design changes, repairs, alterations, retrofit or to make a more adequate heavy duty re-design of any component so as to properly correct and continue to render continuous, durable and safe performance.

Warranty period shall be for an additional one year, measured from the completion date of any corrective measures.

This additional warranty shall not expire at the end of the initial warranty period even when the correction is performed in the last days of the original, stated, warranty period.

Minor items or ordinary service adjustments are not included nor considered under this scope of **CHRONIC COMPLAINTS / FAILURES**. Conditions caused by other factors such as operational damage due to accidents, vandalism, misuse, or lack of proper maintenance, service, lubrication as prescribed or recommended by the Original Equipment Manufacturer (OEM) are also excluded.

MUST BE FILLED IN
FIRM (VENDORS) NAME _____ BID NUMBER _____

Records and reports will be maintained by the Office of Fleet Management and will be made available to the Prime Contractor's periodic examination relative to **CHRONIC COMPLAINTS / FAILURES**.

The Prime Contractor shall provide written reports to the City, detailing the action taken as a result of a notice of complaint describing the failure. Any written notices of complaints or field action with corrections made, shall be forwarded directly to the Office of Fleet Management, 100 South Broad Street 3rd floor, Philadelphia, PA 19110, Tel. (215) 686-1825, Fax (215) 686-1829, in a numbered report identifying the vehicle's property number, part or serial number of the failed component, with copies to the Engineering Section, same address.

For a fair and equitable evaluation of the **CHRONIC COMPLAINT / FAILURE**, the Prime Contractor, when notified of service difficulties, will be permitted to make detailed studies, analyze operational conditions and will have access to the equipment in order to make recommendations for corrections so as to obtain the desired safe and durable mechanical performance.

To reduce or eliminate Chronic Complaints / Failures on equipment, the City, as part of this contract, shall designate a Technical Review Committee, consisting of the Fleet Manager, Fleet Engineer, Deputy Fleet Manager and Operations Manager of the affected equipment, to review, analyze and evaluate any Prime Contractor's remedies.

In the event the Prime Contractor fails to address, or make the proper changes, repairs, modifications, retrofit, or does not render field service after written notice, or unnecessarily delays any actions, the Office of Fleet Management shall have the option to seek appropriate restitution for loss of production.

The Prime Contractor shall also be subject for Loss of Use, in the form of rental, lease payments, or a \$200.00 per day fee while a vehicle is rendered unserviceable or out-of-service.

MUST BE FILLED IN
FIRM (VENDORS) NAME _____ BID NUMBER _____

SPECIFICATION

**TRUCKS: AUTOMOTIVE
INTERNAL COMBUSTION ENGINE**



1. **SCOPE & CLASSIFICATION:**

This specification covers the general requirements for Trucks in various body styles and weight classifications. The Trucks shall be powered by internal combustion engines. They shall be constructed, assembled and equipped to perform properly under the operating conditions for which they are intended. Each unit shall be unused in all component parts and shall be the latest model in current production and include all accessories normally furnished as standard as shown in current literature. These specifications shall be construed as minimum and where the manufacturer's fleet standard exceeds these, vehicles shall be so furnished; where optional equipment is specified, the description thereof shall be the governing minimum. They shall be registered with the Pennsylvania Department of Revenue for the License Class and Axle Weights indicated in the purchase description.

This specification shall be used in conjunction with appropriate detailed chassis purchase description for the specific type of truck called for in the Invitation to Bid (See Index - Last Page).

(NOTE): - Reference to GVW in these specifications is a guide only; final GVW rating shall be determined by the D.O.T. Rules and Regulations in regard to axles, springs, suspension, brakes and tires as required in the T-Form Specifications.

2. **APPLICABLE SPECIFICATIONS:**

The following specifications, of the , latest issue in effect on the date of the Invitation to Bid, shall form a part of this specification.

- Department of Transportation - Federal & State Motor Vehicle Safety Standards.
- Society of Automotive Engineers, Inc. - SAE Standards & Recommended Practices.

**TRUCKS, AUTOMOTIVE, INTERNAL COMBUSTION
ENGINE - SPECIFICATION 41-V-20M:86**

TABLE OF CONTENTS

(1) SCOPE AND CLASSIFICATION	PAGE 1 OF 32
(2) APPLICABLE SPECIFICATIONS	PAGE 1 OF 32
(3) CAB & CHASSIS	PAGE 5 OF 32
(4) BODY	PAGE 8 OF 32
(5) CAB 7 BODY EQUIPMENT	PAGE 8 OF 32
(6) FRAME	PAGE 9 OF 32
(7) SUSPENSION AXLES	PAGE 10 OF 32
(8) BRAKES	PAGE 11 OF 32
(9) ENGINE	PAGE 12 OF 32
(10) ENGINE EQUIPMENT	PAGE 13 OF 32
(11) TRANSMISSION	PAGE 13 OF 32
(12) STEERING PAGE	PAGE 14 OF 32
(13) COOLING SYSTEM	PAGE 14 OF 32
(14) ELECTRICAL EQUIPMENT	PAGE 14 OF 32
(15) TIRES	PAGE 15 OF 32
(16) FUEL TANK	PAGE 16 OF 32
(17) SAFETY EQUIPMENT	PAGE 17 OF 32
(18) WARRANTY	PAGE 18 OF 32
(19) PRE-PRODUCTION INSPECTION	PAGE 18 OF 32
(20) QUESTIONNAIRE	PAGE 18 OF 32
(21) QUESTIONS REGARDING BID	PAGE 18 OF 32
(22) ILLUSTRATIONS & DRAWINGS	PAGE 18 OF 32
(23) REPAIR PARTS AND SERVICE	PAGE 18 OF 32

(24) CERTIFICATION OF COMPLIANCE WITH SPECIFICATIONS	PAGE 19 OF 32
(25) REQUIREMENTS	PAGE 19 OF 32
(26) MATERIALS	PAGE 19 OF 32
(27) GROSS VEHICLE WEIGHT & DRY CHASSIS WEIGHT RATINGS	PAGE 20 OF 32
(28) FINISH	PAGE 20 OF 32
(29) WORKMANSHIP	PAGE 20 OF 32
(30) SHIPMENT & DELIVERY	PAGE 20 OF 32
(31) INSPECTION	PAGE 21 OF 32
(32) CERTIFICATES & MANUALS TO BE FURNISHED BY VENDOR	PAGE 22 OF 32
(33) SIGNS	PAGE 23 OF 32
(34) SCHOOLS	PAGE 23 OF 32
"T" - SPECIFICATIONS:	
-T1 - TRUCK, CHASSIS, REFERENCE 7,001 - 9,000 LB. GVW	PAGE 24 OF 32
-T2 - TRUCK, CHASSIS, REFERENCE 9,001 - 11,000 LB. GVW	PAGE 24 OF 32
-T3 - TRUCK, CHASSIS, REFERENCE 14,001 - 17, 000 LB. GVW	PAGE 24 OF 32
-T4 - TRUCK, CHASSIS, REFERENCE 17,001 - 21,000 LB. GVW	PAGE 25 OF 32
-T5 - TRUCK, CHASSIS, REFERENCE 21,001 - 26,000 LB. GVW	PAGE 25 OF 32
-T6 - TRUCK, CHASSIS, REFERENCE 26,001 - 30,000 LB. GVW	PAGE 25 OF 32
-T7 - TRUCK, CHASSIS, REFERENCE 44,001 - 48,000 LB. GVW	PAGE 26 OF 32
TRUCKS, BODIES, GENERAL	PAGE 26 OF 32
DUMP BODIES	PAGE 28 OF 32
VAN BODIES	PAGE 30 OF 32
COMPACT VANS	PAGE 31 OF 32

No. 41-V-20M:86
Supersedes 41-V-20L:85
Effective Date: 1/16/86

- OSHA Rules & Regulations - Shall apply when applicable.
- Federal Department of Health, Education & Welfare - Air Pollution Control for New Motor vehicles.
- Commonwealth of Pennsylvania - Traffic & Motor Vehicle Rules and Regulations.
- Manufacturer Line Set Ticket - Shall be forwarded to the Director of Automotive Services upon delivery of the chassis to the City of Philadelphia, or if Pilot Model Inspection, at the factory.

(NOTE) - Any intent of this specification shall be superseded by the provisions of the above.

3. **CAB & CHASSIS:**

- 3.1 Cab - Shall be conventional, three-man adjustable seat with three seat belts.
- 3.2 Chassis - The chassis shall be sturdily constructed and shall be of strength capable of withstanding all imposed loads when operating at the gross vehicle weight without excessive strain on any members or parts.
- 3.3 Chassis Body & Cab Colors:

3.3.1 City of Philadelphia, Paint Colors & Lettering by Department as follows:

<u>DEPARTMENT</u>	<u>COLOR</u>	<u>DUPONT REF. #</u>	<u>LETTERING COLOR</u>
Fair. Pk.	GREEN	72001	IVORY
Fire Dept.	RED	55141	GOLD LEAF
Police (Body)	BLUE	5351A	-----
Police (Roof)	WHITE	92635	-----
Sheriff (Body)	BLUE	5351A	-----
Sheriff (Roof)	WHITE	92635	-----

Water (Up to 21,000 lbs. GVW)	WHITE	508	BLUE
Water (26,000 Lbs. GVW & Up)	SAFETY YELLOW	75306	BLUE
Recreation (Stadium)	BLUE	78387	WHITE
All Other Depts. Except Library	SAFETY YELLOW	75306	BLUE

3.3.2 - All lettering listed above shall be three inches (3") high on front doors, both sides, as follows.

PHILADELPHIA

(NAME OF DEPARTMENT)

(6-DIGIT VEHICLE NUMBER)

NOTE) Stenciling of Lettering is NOT acceptable.

3.3.3 Optional Lettering - Streets Department: All vehicles shall have 1-1/2" size numbers placed on the left side of the front bumper and three inch (3") size numbers on the rear of the body as follows:

Department # - Vehicle # - Division

This lettering is in addition to the lettering specified in 3.3.2 above and lettering instructions may be obtained from the Automotive Services Division of the Department of Public Property.

3.3.4 Official Colors & Lettering of ALL Free Library Vehicles:

A) The vehicle shall be painted as follows:

1. Top Half = White
2. Bottom Half = Dark Blue
3. Dividing Stripe (3" Wide) between top and bottom halves located approx. 3" above blue bottom half = Bright Green

B) The vehicle shall be lettered as follows:

1. "THE FREE LIBRARY OF PHILADELPHIA" in large bold letters.
2. "READ" in large bold letters with a book-and-bell design (using white, blue and green) in the center of the letter "R".
3. Dark Blue lettering on white areas; white lettering on dark blue areas.

C. Paint Color Reference Numbers

<u>COLOR</u>	<u>LIBRARY PANTONE</u>	<u>TRADE NAME</u>	<u>DUPONT NO.</u>
WHITE	-----	WHITE	92635
DARK BLUE	287	DARK BLUE	24160
BRIGHT GREEN	368	BIG BAD GREEN	5081D

(NOTE): Instructions for the above Library Lettering may be obtained from the Automotive Services Division of the Department of Public Property.

4. **BODY:**
Body provided shall be as required in Bid Specs.

5. **CAB & BODY EQUIPMENT:**

5.1 Equipment & Accessories - The following equipment, and/or accessories shall be provided.

Cab & Body:

5.1.1 Fresh Air Heater and Defroster with separate control for temperature and fan.

5.1.2 All gauges shall be provided for ammeter, oil pressure, water temperature and fuel, 16,000 GVW & up.

5.1.3 Dual windshield wipers, power-operated, two-speed or variable.

5.1.4 Dual sun visors.

5.1.5 Dome Light.

5.1.6 Directional Signals - Class "A" Type, as per Pennsylvania DOT Motor Vehicle Regulations - with traffic hazard switch for flashing all turn signal lights simultaneously.

5.1.7 Combination arm rest/inside grab handle on cab doors adjacent to driver and passenger seats.

5.1.8 Safety Seat Belts - Belts shall comply with DOT Rules and Regulations.

5.1.9 **Mirrors:**

Inside Adjustable, up to 12,000 GVW
Outside, Dual Right/Left W/C to 12,000 GVW
Outside, Dual Right/Left W/C, 6" x 16", for
16,000 lbs. GVW and up.

5.1.10 **Undercoating** - Shall be applied to all exposed sheet metal under chassis and body including fender wells unless constructed of plastic.

(NOTE): Compacting-Type Trucks - are to be undercoated on the cab and chassis but NOT under the compactor Body.

5.1.11 **Cab Outside Grabhandles** - Shall be provided on trucks 16,000 lbs. GVW and up.

6. **FRAME:**

The Chassis Frame shall be constructed of pressed steel or equal; and shall be provided with adequate cross-members, exclusive of engine supports, so designed and constructed as to support adequately the gross weight of the body and load, the power plant, and all other necessary equipment under the operating conditions for which the truck is intended.

6.1 Frame shall be specified in terms of minimum acceptable resisting moment, which is the product of the section modulus of the frame section and the unit stress at the minimum yield point.

$$\text{MOMENT (M)} = \text{SECTION MODULUS (S)} \times \text{UNIT STRESS (F)}$$

In the case of built-up frame sections, the combined section modulus shall be considered as the sum of the individual section moduli.

6.2 Frame Attachments - Front & Rear Towing hooks or Eyes shall be provided, 16,000 lbs. GVW and up. They shall be fastened to the frame in such a manner as to develop maximum tension and minimum bending in the frame members.

6.3 Factory Frame Reinforcement - Shall be provided for 16,000 lbs. and up GVW, GCW and Chassis when specified in bid specifications.

Frame reinforcement is required on all Dump Trucks and Trucks with Cranes, Hydraulic Buckets and other Attachments inducing high twisting and weight stresses.

6.4 Frame Strength - The vehicle frame as supplied by the manufacturer shall meet all requirements as established and set forth by the Federal Government and the Commonwealth of Pennsylvania, Department of Transportation, to meet the GVW of the vehicle bid and shall have the prescribed Certification Sticker affixed to said vehicle. In order to meet the aforementioned standards, the bidder may provide a frame that is either structurally reinforced ("J" type, "L" type, "C" type, etc.) or is constructed of a "high tensile" rating steel or specially heat treated steel (minimum rating of 110, 000 PSI).

7. **SUSPENSION AXLES** - Rear Axles shall be capable of operating under all conditions with multi-purpose gear lubricants.

7.1 Springs - Springs shall match rating of front and rear axles capacity in pounds.

7.2 Shock Absorbers - Shock Absorbers shall be provided front and rear for all 7,500 lb. and 12,000 lb. capacity chassis.

7.3 Tire Chain Clearance - On Drive Wheels, single and dual, wheel chain clearance shall be provided.

7.4 Tandem Axle Suspension - Shall be walking beam type, with at least 50" axle spacing, rubber bushings and a cast steel saddle with steel springs to match axle capacity.

7.5 Axle Capacity shall be provided at least as follows:

<u>GVW REF.</u>	<u>FRONT AXLE</u>	<u>REAR AXLE</u>
7,500 LBS.	3,300 LBS	5,000 LBS.
11,000 LBS	4,000 LBS.	8,000 LBS.
16,000 LBS.	5,000 LBS.	15,000 LBS.
21,000 LBS.	6,000 LBS.	17,000 LBS.
26,000 LBS.	9,000 LBS	19,000 LBS.
30,000 LBS.	12,000 LBS.	23,000 LBS.
48,000 LBS.	16,000 LBS.	38,000 LBS.

(NOTE) - The above listed front axle capacities generally are not applicable to tractor specifications and they will be specified in the bid documents.

7.6 All single driving axles shall be equipped with limited slip differential, positive drive. Tandem axles shall be provided with inter-axle differential lock, air operated; dash switch with a red warning light.

8. **BRAKES:**

Service Brakes shall be provided on all wheels as follows:

8.1 7,500 lbs. to 11,000 lbs. GVW - Power Assisted Brakes

8.2 16,000 lbs. to 25,000 lbs. GVW - Vacuum-Boosted Hydraulic Brakes with a reserve tank, or power steering pump assist, and dash gauge.

- 8.3 26,000 lbs. GVW and UP - Full Air Brakes with dual reserve tanks, air pressure gauge on dash, buzzer, 12 cu. ft. (min.) water cooled air compressor, fail-safe rear brakes (Berg or Maxi type) released by air pressure, automatic reservoir drain valves and dash mounted controls.

(NOTE) - "S" Type Cam Brakes with automatic slack adjuster shall be provided in lieu of "wedge"-type brakes.

9. **ENGINE:**

Engine as specified and provided shall be in accordance with all the applicable provisions of Section #2, and it shall be of at least the listed minimum displacement, in accordance with the truck GVW, as follows:

9.1 Gasoline Powered Engines, if specified -

7,500 lbs. GVW = 345 cu. in.
11,000 lbs. GVW = 345 cu. in.
16,000 lbs. GVW = 360 cu. in.
21,000 lbs. GVW = 360 cu. in.
26,000 lbs. GVW = 390 cu. in.
30,000 lbs. GVW = 425 cu. in.
48,000 lbs. GVW = 425 cu. in.

(NOTE) - Trucks with GVW under 7,500 lbs. will use the 7,500 lbs. GVW rating as a guide.

9.2 Diesel Powered Engines, if specified.

16,000 lbs. GVW = 500 cu. in./4 cycle
21,000 lbs. GVW = 500 cu. in./4 cycle
26,000 lbs. GVW = 500 cu. in./4 cycle
30,000 lbs. GVW = 550 cu. in./2 cycle
30,000 lbs. GVW = 670 cu. in./4 cycle
48,000 lbs. GVW = 550 cu. in./2 cycle
48,000 lbs. GVW = 670 cu. in./4 cycle

(NOTE) - A key-type electrical solenoid or a manual type shut-down

system shall be provided on all diesel engines.

10. **ENGINE EQUIPMENT:**

All engines shall be provided with the following equipment:

- 10.1 Replaceable-type lube oil filter, engine-mounted.
- 10.2 Electronic-type ignition system, if gasoline engine.
- 10.3 Non-leaded Fuel System, if gasoline engine; all engines to have in-line replaceable fuel filters.
- 10.4 Engine Governor shall be provided on all trucks with a GVW of 16,000 lbs. or over; top governed speed limit allowable through transmission and rear axle ratios is 55 MPH.
- 10.5 Manufacturer's rated heavy-duty dry-type intake air cleaner.
- 10.6 All engines shall be provided with an automatic shutdown system for high water temperature and low oil pressure when specified in the Invitation to Bid.
- 10.7 Diesel engines are to be provided with cold weather starting provisions.

11. **TRANSMISSION:**

- 11.1 All trucks will be provided with fully automatic transmissions having the minimum number of forward speeds, in accordance with the truck GVW, as follows:

Up to 7,500 lbs.	3 speeds
11,000 lbs.	3 speeds
16,000 lbs.	4 speeds
21,000 lbs.	4 speeds
26,000 lbs.	4 speeds
30,000 lbs.	5 speeds
48,000 lbs.	5 speeds

(NOTE) - Transmissions provided on Trucks with GVW's of 26,000 lbs. or over shall have factory installed external type oil filters and an oil temperature gauge mounted on the dash.

12. **STEERING:**

All trucks shall be provided with Power Steering

13. **ENGINE COOLING SYSTEM:**

13.1 All engines shall be provided with increased cooling including a sealed radiator coolant recovery system with a surge tank.

13.2 All coolant systems shall be protected by permanent-type anti-freeze down to temperature of at least minus 30oF.

14. **ELECTRICAL EQUIPMENT:**

The chassis shall be provided with 12-volt electric starting, lighting and ignition system with two (2) keys. Alternator shall be heavy-duty type, at least 60 amp output, with 30 amp output at idle. All electrical systems in the vehicle shall be protected by circuit breakers or fuses. Battery shall be a 12-volt "Maintenance Free" type.

15. **TIRES:**

15.1 Tires of the same size and manufacturer shall be provided on the front and rear unless specified otherwise in the Invitation to Bid.

15.2 Front tires shall be "regular" tread type.

15.3 Rear driving axles shall be provided with "All Traction" type tires.

15.4 All-Wheel Drive Type Trucks, (including "Jeeps"), shall be provided with "all traction" type tires on all front and rear driving axles.

(NOTE) - "Military" Grade tires or Wide-Open Tread type tires are not acceptable for "All Traction" Type tires.

Police 4WD type vehicles shall be provided with blackwall "all traction" type steel belted radial tires.

15.5 A mounted "regular" tread type tire ("all traction" type for 4WD type vehicles) and rim shall be provided as a spare unit.

15.6 Trucks shall be provided with the number of tires sized and rated, in accordance with the trucks GVW, as follows:

<u>LBS GVW</u>	<u>NO OF TIRES</u>	<u>RIM SIZE</u>	<u>TIRE SIZE</u>	<u>TIRE PLY</u>
7,000	4	--	8.75 X 16.5	8
11,000	6	--	8.00 X 19.5	8
16,000	6	7.00	9.00 X 20	10
21,000	6	7.00	9.00 X 20	10
26,000	6	7.50V	10.00 X 20	12
30,000	6	7.50V	10.00 X 20	14
48,000	10	8.00V	10.00 X 20	14

(NOTE) The above ratings are to be considered as the minimum acceptable.

15.7 Cast spoke wheels are to be provided on all trucks with GVW ratings of 16,000 lbs. and above.

16. **FUEL TANK:**

All Trucks will be provided with the listed minimum size fuel tank, in accordance with their rated GVW, as follows:

<u>RATED GVW</u>	<u>TANK SIZE & TYPE</u>
7,500 LBS.	20 GALLON - REGULAR TANK
11,000 LBS.	20 GALLON - REGULAR TANK
16,000 LBS.	30 GALLON - REGULAR TANK
21,000 LBS.	50 GALLON - SAFETY STEP TANK
26,000 LBS.	50 GALLON - SAFETY STEP TANK
30,000 LBS.	50 GALLON - SAFETY STEP TANK
48,000 LBS.	DUAL 60 GALLON - SAFETY STEP TANK

17. **SAFETY EQUIPMENT:**

17.1 All trucks shall be provided with all safety equipment as required by DOT/ICC for vehicles in interstate operations. This equipment shall include, but not be limited to:

Fire Extinguisher - Dry Charge Type, Flags, Flares, Reflectors, etc.

Each Kit shall be mounted in a convenient location inside the cab.

17.2 Backup warning buzzer/alarm shall be provided on trucks with a GVW of 16,000 lbs. or above.

17.3 A Manual Engine Shut-Down System shall be provided on all diesel engines.

18. **WARRANTY:**

Warranty - In addition to any policy guarantees usually extended to the general public, the contractor shall guarantee the vehicle and body, and parts thereof against defective material, workmanship, and/or faulty design for a period of one (1) year from date of acceptance delivery to the Department of Public Property. The vendor shall replace all defective assemblies or parts without cost to the City (including labor), f.o.b. manufacturer's nearest dealer or branch, or to original destination whichever is designated by the using agency. The contractor shall make immediate replacement from his plant or through his dealer or branch.

Warranty Rate - Rate shall be \$25.00 per hour, plus 15% parts handling charge, when repairs are performed at City garages.

19. **PRE-PRODUCTION INSPECTION:**
Provide transportation and costs for two (2) persons to inspect pilot model unit at factory. All preparations; travel, lodging, meals and other arrangements will be made by the bidder at his own expense.
20. **QUESTIONNAIRE:**
The questionnaire included with the Invitation to Bid shall be completely filled out and submitted by bidder with his bid.
21. **QUESTIONS REGARDING BID:**
All questions regarding Bid Specifications should be directed to the Director of Automotive Services Division, Room 1140, M.S.B. or call extension (215) 686-4481.
22. **ILLUSTRATIONS & DRAWINGS:**
The bidder shall furnish with his bid, two (2) sets of illustrations and complete data sheets to assist the purchasing and using agencies in determining whether the vehicle offered is adequate to perform the work specified and if it meets the Bid requirements/description.
23. **REPAIR PARTS & SERVICE:**
As the continuous operation of the vehicle contemplated by this specification is of utmost importance, contractor shall be able to furnish, upon request, sources of maintenance and repair, parts and supplies for a period of ten years.

24. **CERTIFICATION OF COMPLIANCE WITH SPECIFICATIONS:**

The bidder shall certify on the form furnished with the Invitation and Bid that the Truck, component units, and parts shall be suitable for the work to be performed and will be constructed to definite standard dimensions, with proper clearance and fits; that previously published or set ratings shall not arbitrarily be raised without prior approval of the manufacturer of the actual unit and further, that the truck offered shall comply in every respect with the terms of this specification. In the event that the truck offered does not comply with this specification, the bidder shall state definitely, referring to the proper paragraph of this specification, where the Truck he proposes to furnish does not comply. Where no statement is received, the successful bidder shall be required to meet every requirement of the specification.

25. **REQUIREMENTS:**

General - Though they shall not be specifically enumerated herein, all parts necessary to provide a complete and efficient truck shall be furnished. All parts shall conform to current engineering practices of the industry relative to design, strength, quality of material and workmanship. The City reserves the right, at its option alone, to accept trucks with minor deviations from this specification.

26. **MATERIALS:**

The Truck and all parts thereof shall be made of materials which are suitable for the intended service and shall be produced by current standard manufacturing processes. The materials shall be free from characteristics or defects which affect the appearance or which shall affect the proper functioning of the finished product.

27. **GROSS VEHICLE WEIGHT AND DRY CHASSIS WEIGHT RATINGS:**
These shall be as specified in the Invitation to Bid. The gross vehicle weight rating shall include the weight of the complete chassis and cab with all attachments, accessories, and equipment required by this specification, and the body with its rated load, full complement of fuel, lubricants, coolant and the operator.
28. **FINISH:**
All surfaces and parts not having a chrome-plated or polished metal surface shall be department color-coated as per paragraph 3.3.1 over a rust-inhibiting primer coat. All concealed metal surfaces are to be protected with a rust-inhibiting primer coat.
29. **WORKMANSHIP:**
Workmanship shall conform to current best manufacturing practices followed from Trucks of similar type and capacity. Component parts and units shall be manufactured to definite standards dimensions, with proper fits and clearance.
- 30 **SHIPMENT & DELIVERY:**
- 30.1 Delivery Information - Final delivery shall be made between the hours of 8:00 AM and 4:00 PM, Monday through Friday, except City Holidays. Each vehicle shall be accompanied by a Delivery Slip which will contain the City's Bid Number, Purchase Order Number, Item Number on the Purchase Order, and Serial Number of the Vehicle. Delivery shall be made to:
- Department of Public Property
Automotive Services Division
6000 N. Broad St.
Philadelphia, PA
- Phone (215) 548-0481
- (NOTE) - Unless a different location is specified in the Invitation to Bid.

Notification of any changes in the delivery location will be made to

the successful bidder at least one week prior to the scheduled delivery date.

- 30.2 Where mounted equipment, such as bodies and accessories are to be furnished under separate contracts, the chassis vendor shall deliver the vehicle to the mounted equipment vendor location designated by the City. He shall secure a dated receipt for delivery with a copy for the City.

Upon completion of the work for which he is responsible, the mounted equipment vendor shall deliver the complete unit to the City of Philadelphia. It is the responsibility, however, of the chassis vendor to obtain the State Inspection Stickers on each vehicle, and therefore, he shall make such arrangements with the mounted equipment vendor as may be mutually agreeable which shall enable the body vendor to get the necessary State Inspection before final delivery.

The Prime Bidder retains the ultimate responsibility of providing a completely assembled and acceptable vehicle in all respects as per this specification and the Invitation to Bid.

30.3 **DELIVERY CONDITIONS:**

- 30.3.1 Vehicles, regardless of delivery point, shall be ready for use including all lubricants, coolant and operating fluids as required. Minimum ten (10) gallons of fuel shall be provided. Battery fully charged, tires properly inflated.
- 30.3.2 Unloading and any labor, equipment or material required for it, shall be the responsibility of the bidder. The City will designate the unloading area of the delivery site to be used.

31. **INSPECTION:**

- 31.1 Pennsylvania State Inspection - Each vehicle shall pass the Vehicle Code Examination of the Department of Transportation, Commonwealth of Pennsylvania; when delivered, chassis vendor shall have attached current State Inspection Stickers in the proper location.
- 31.2 Exhaust Emissions Inspection - All vehicles with GVW's subject to the provisions of the Pennsylvania Department of Transportation exhaust emission regulations must meet said requirements and have the appropriate sticker affixed to the windshield, along with the State Vehicle Inspection Sticker, when the vehicle is delivered to the City.
- 31.3 City Inspection - City Inspection of delivered vehicles will be conducted at the specified delivery point. It will be conditioned upon the satisfaction of all of the requirements of this specification and the Invitation to Bid.
- 31.4 Director of Automotive Services, Department of Public Property, shall be notified when Pilot or First Production Model is available for inspection at Manufacturer's Plant.

32. **CERTIFICATES & MANUALS TO BE FURNISHED BY VENDOR:**

- 32.1 Operator's Handbook with each vehicle.
- 32.2 Provide the necessary forms (completed) and documents for the City to take Title to the vehicle in accordance with the Pennsylvania Motor Vehicle Code.

32.3 Vendor shall supply the Director of Automotive Services, Public Property, not less than five (5) copies each (for chassis, body and accessories furnished) of Shop Manuals, Parts Catalogues, Flat Rate Manuals, and Price Lists, including updated supplements for a period of one year for each type of vehicle. The City shall pay the bidder his costs from the manufacturer for any additional copies required by the operating department.

32.4 Financial Responsibility Statement - Successful bidder is to provide with each delivered vehicle, a Pennsylvania "Financial Responsibility Statement" card (MV-45) completely filled out as per instructions thereon for that vehicle.

33. **SIGNS:**
Signs - Decals or other devices showing Dealer's Name and/or Address shall not be permitted on the outside of the vehicle.

34. **SCHOOLS:**
Each bidder shall arrange with the Director of Automotive Services Division, Department of Public Property, a formal school training program for the current year vehicles and equipment bid upon. These schools shall be available for all City Department's automotive maintenance employees, such as Foremen, Inspectors and Maintenance Mechanics. The Department of Public Property shall make available classroom facilities at Automotive Shop II, Front Street & Hunting Park Avenue, for the required training.

PURCHASE DESCRIPTIONS/PENNA. REGISTRATION CLASSES FOR TRUCKS AND CHASSIS ACCORDING TO THEIR G.V.W.

It is the intention of this Purchase Description Section to indicate the Pennsylvania Registration Class for the various size trucks generally specified for City services.

Reference: Pa. Manual on Automotive Titles and License,
13th Edition

T-1 **PURCHASE DESCRIPTION: TRUCK, CHASSIS, REF: 7,001-9,000 LBS.**

GVW

1. **Classification:**

- 1.1 It is the intention of this Purchase Description to describe a Truck Chassis including all the standard options and as required in 41-V-20 (latest issue). The equipment bid shall qualify for Truck License Plates of the Commonwealth of Pennsylvania as Minimum Class #3.

T-2 **PURCHASE DESCRIPTION: TRUCK, CHASSIS, REF: 9,001-11,000 **
LBS. GVW

1. **Classification:**

- 1.1 It is the intention of this Purchase Description to describe a Truck Chassis including all the standard options and as required in 41-V-20 (latest issue). The equipment bid shall qualify for Truck License Plates of the Commonwealth of Pennsylvania as Minimum Class #4.

T-3 **PURCHASE DESCRIPTION: TRUCK, CHASSIS, REF: 14,001-17,000**
LBS. GVW

1. **Classification:**

- 1.1 It is the intention of this Purchase Description to describe a Truck Chassis including all the standard options and as required in 41-V-20 (latest issue). The equipment bid shall qualify for Truck License Plates of the Commonwealth of Pennsylvania as Minimum Class 6.

T-4 **PURCHASE DESCRIPTION: TRUCK, CHASSIS, REF. 17,001-21,000
LBS. GVW**

1. **Classification:**

- 1.1 It is the intention of this Purchase Description to describe a Truck Chassis including all the standard options and as required in 41-V-20 (latest issue). The equipment bid shall qualify for Truck License Plates of the Commonwealth of Pennsylvania as Minimum Class 7.

T-5 **PURCHASE DESCRIPTION: TRUCK, CHASSIS, REF. 21,000-26,000
LBS. GVW**

1. **Classification:**

- 1.1 It is the intention of this Purchase Description to describe a Truck Chassis including all the standard options and as required in 41-V-20 (latest issue). The equipment bid shall qualify for Truck License Plates of the Commonwealth of Pennsylvania as Minimum Class 8.

T-6 **PURCHASE DESCRIPTION: TRUCK, CHASSIS, REF. 26,001-30,000
LBS. GVW**

1. **Classification:**

- 1.1 It is the intention of this Purchase Description to describe a Truck Chassis including all the standard options and as required in 41-V-20 (latest issue). The equipment bid shall qualify for Truck License Plates of the Commonwealth of Pennsylvania as Minimum Class 9.

T-7 **PURCHASE DESCRIPTION: TRUCK, CHASSIS, REF. 44,001-48,000**

LBS. GVW

1. **Classification:**

- 1.1 It is the intention of this Purchase Description to describe a Truck Chassis including all the standard options and as required in 41-V-20 (latest issue). The equipment bid shall qualify for Truck License Plates of the Commonwealth of Pennsylvania as Minimum Class 14.

BODIES

The Bodies as required in Bid items shall fit the chassis and be properly and securely mounted thereon. The bodies shall harmonize perfectly with the chassis, to be correctly proportioned, properly balanced (load distribution), compact and satisfactory in appearance. The materials used in the construction of the bodies shall be of the highest quality. All vehicles with Bodies shall be equipped with mud flaps/stone deflectors as required by DOT and Commonwealth of Pennsylvania. Approximately three (3") inches shall be provided from back of cab to front of body for best load distribution factor.

The following Body Classifications shall be provided as specified in the Invitation to Bid:

BODY:

The truck body, including equipment and body operating devices, shall be completely installed as specified in the Invitation to Bid.

BODY STYLE:

In addition to the cab normally provided with the truck chassis, a body described as follows will be provided according to the body class specified in the Invitation to Bid.

BUMPERS:

Bumpers/Liftgates - Manufacturer's standard type front and rear bumpers shall be provided on all vehicles as per D.O.T. regulations except as specified in the bid specifications. If a lift gate is specified on a vehicle that normally has a rear bumper, the rear bumper is still a requirement as an extension of the chassis or incorporated into the liftgate if either is compatible with the lift gate provided.

Class A-1; Crew Cab:

All steel construction of integral design with four doors; 6-man seating, adjustable front seat, 6 seat belts.

Class A-2; Pickup:

All steel construction at least 96" long x 50" wide beyond wheelhousing; full width rear tailgate, safety chain, stake pockets and rear bumper.

Class A-3; Suburban:

All steel construction, full width rear doors, windows all around, at least 9-passenger seating with removable intermediate and rear axle seats, one seat belt per passenger and a rear bumper.

Class A-4; Stake/Platform:

Body shall be wood or steel construction with removable slatted stake sections on sides and ends. Front-end shall permit adequate rear vision from cab windows. All sections shall interlock. Body shall be securely mounted to frame with full length oak stringers under body.

Class A-4-1(A) Stake & Platform as per A-4, above, at least 12 feet long, 82" wide with 40" high sections.

Class A-4-2(B) Stake & Platform as per A-4, above, at least 14 feet long, 82" wide with 40" high sections.

Class A-5; Step Van:

Shall consist of all-metal construction integral with chassis manufacturer's flat-back" type step van mounted on forward control type chassis, with double full-width rear doors, driver adjustable stand-up seat, passenger seat, and a rear safety step bumper.

Class A-5-1(A) Step Van - As per A-5, above, at least 10 feet long, 78" wide, 68" high.

Class A-5-2(B) Step Van - As per A-5, above, at least 12 feet long, 78" wide, 68" high.

DUMP BODIES AND HOISTS

CLASSIFICATION:

Dump Bodies shall be constructed of high strength corrosion resistant steel. Hoists for Dump Trucks shall be underbody hydraulic power type hoists with controls in cab. They shall provide a dumping angle of not less than 50 degrees and shall be of such a type that will positively control the position of body throughout the entire dumping angle. The hoisting shall be stopped automatically when the body reaches the maximum dumping angle (at least 50 degrees) and retain its position until released. The hoist cylinder shall be so designed as to allow for disassembly and servicing with ordinary hand tools. The pump shall be of the manifold type and oil tracts shall be cored or of seamless steel tubing or high pressure composition hose that shall withstand a minimum burst pressure of 6,000 lbs. per sq. inch. The pump shall be so designed as to compensate for end thrust and the shafts shall rotate on anti-friction bearings. The pump shaft shall be of the automatic self-adjusting seal type, eliminating the necessity for packing nuts and glands.

- Provide red warning light(s) on dash to alert operator that the PTO is engaged.

- Provide rear window protector screen.
- Provide rear spring-loaded pintle hook, "V" reinforced to main frame rails, (clear dump body at full dumping position).
- Approximately three (3") inches shall be provided between cab and dump body for good load distribution.
- A sliding universal joint assembly shall be provided at the pump end of the drive shaft. The body hinges shall operate on hinge pins under double shear or if single shear, a through hinge shaft shall be provided with a center support to prevent deflection. The power take-off shall be anti-friction bearing type. Hoist, power take-off and control parts shall be of sufficient capacity to amply take care of power required to operate hoist with 100% overload in body with relief valve.
- Full length longitudinal hardwood sills shall be provided with hoist frame mechanism to clear dump body for chain clearance at full load (full spring deflection shall be allowed). Hoist mechanism shall be securely mounted. The tailgate shall be double-acting with offset top hinges, tailgate and spreader chains.

TYPE DU-1 8 Ft. length medium duty Dump Body, 3 cubic yard capacity, with at least 16" sides, 84" width, constructed of not less than #10 USS Gauge Steel. Sides shall be reinforced with vertical "V" braces, not less than (2) two on each side. Ends shall be at least 6" higher than sides. Cab shield shall be provided, full width of body, projected at least 18" forward - #10 USS Gauge Steel. Class - #30 Hoist shall be provided with cab PTO controls to include detailed specifications as listed in Classification #1. Flooring shall be ten (10) USS Gauge Steel, minimum.

TYPE DU-2

10 Ft. length heavy-duty Dump Body, 5 cubic yard capacity, with at least 24" sides, 84" width, constructed of not less than #10 USS Gauge Steel. Sides shall be reinforced with vertical "V" braces, not less than (3) three on each side. Ends shall be at least 6" higher than sides. Cab shield shall be provided, full width of body, projected at least 18" forward - #10 USS Gauge Steel. Class - #50 Hoist shall be provided, power-up and down, with cab PTO controls to include detailed specifications as listed in Classification #1. Flooring shall be ten #8 USS Gauge Steel, minimum

TYPE DU-3

12 Ft. length heavy-duty Dump Body, 10 cubic yard capacity, with at least 39" sides, 84" width, constructed of not less than #8 USS Gauge Steel. Sides shall be reinforced box section design with at least four (4) vertical bars on each side. Ends at least 6" higher than sides. Cab shield shall be provided, full width of body, full cover shield, #10 USS Gauge Steel. Class - #80 Hoist shall be provided, power-up and down, with cab PTO controls to include detailed specifications as listed in Classification #1.

VAN BODIES

1. **CLASSIFICATION:**

Van Bodies shall be reinforced aluminum construction. Exterior panels shall be .40" thickness minimum and sides shall be beaded on 4" centers, for extra strength and rigidity, with 5-post, smooth front. Side uprights, top rail roof bows, and radius shall be extruded aluminum section of minimum .125 thickness. Corner post shall be extruded aluminum minimum of .125 thickness. Side sills shall be extruded aluminum minimum of .156 thickness. Exterior panels shall be riveted to uprights and roof on not less than 2" centers.

Rivets shall be of the side lock" moisture proof type. Uprights and roof bows shall be installed at 12" centers to provide adequate strength. All roof joints, side panels, and front panels shall be leak-proof. Body shall have a minimum of 7, three (3") inch cross members, #12 gauge aluminum or of a heavy-duty steel gauge 4" type, securely mounted to the truck chassis by means of "U" bolts. Interior of body shall be protected on sides and front with 1/4" grade AC waterproof plywood lining approximately 36" high, installed 8" above floor, with lengthwise slats above extending to roof. Front of body shall be provided with shatterproof glass windows of not less than 220 square inches in area and aligned with cab rear windows. Floor shall be kiln dried 4 x 4 (finished dimension) oak construction or as specified in the Invitation to Bid. Rear of body shall be equipped with full width roll-up door with safety catch and key lock.

TYPE VB-1 Van Body, complete as per above specifications and at least 12 ft. long, 78" high and 88" wide.

TYPE VB-2 Van Body, complete as per above specifications and at least 14 ft. long, 78" high and 88" wide.

COMPACT VANS

1. **CLASSIFICATION:**

Bodies shall be reinforced steel construction. They shall have full width rear doors with safety glass and locks. Maintenance accessibility shall be convenient and not require major removal of components to change oil, oil filter or air filters. It should also offer ease of service to windshield washer reservoir, master brake cylinder, oil crankcase check, automatic transmission fluid level check, battery and radiator service. Driver's seat should be adjustable and a passenger seat shall be included.

TYPE CV-1 Shall have wheelbase of at least 123" with curbside full width opening doors and as in Classification #1, Compact Vans.

TYPE CV-2 Shall have wheelbase of at least 123" with seating capacity of at least 12 adult passengers; seat belts shall be provided for all passengers. Van shall be provided with safety glass all sides and with a curbside double door safety step and as in Classification #1, Compact Vans.