



MICHAEL DUGGAN, MAYOR


SPECIFICATIONS

FOR

FLATBED TOW VEHICLES

FOR

**DETROIT POLICE DEPARTMENT
FLEET MANAGEMENT UNIT**

Approved By: 
Lieutenant Joseph Peck, Fleet Management
Detroit Police Department

Approved By: 
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Detroit Police Department



**General Services
Department**

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INTRODUCTION

The work included consists of furnishing and unloading a flatbed (rollback) tow vehicle. The unit shall be equipped and specified herein.

All vehicles shall be furnished by the vendor shall be new and/or used (model year 2018 or newer). Vendor must provide **ALL** options including alternative fuels, Hybrid, Hybrid Electric and/or full Plug-In Electric vehicle in bids.

Vehicle shall be delivered washed and prepped for service with all stickers removed from windows. All stickers, tags, and plates with part numbers, and manufactures name, model, or, identifying information shall have all paint, or other material removed so that information may be recorded. All lubricants for engine, transmission, and rear end shall be filled to the proper level with the corresponding manufacturer's fluids.

GENERAL REQUIREMENTS

Bids will be considered only from vendors who offer equipment that is manufactured by companies that are known to be skilled and have been regularly engaged in the manufacture of equipment of the type, class and size specified herein for a period of not less than five (5) years.

In order to avoid experimental equipment, the vendor shall include in the bid package a list of at least ten (10) users of the equipment type offered in the package located in Midwest, so that the references can be checked by Department personnel.

Any deviations from these specifications shall be submitted with the bid in writing, with full detail of each variation with reference made to each paragraph to which the variation applies. If these variations are not submitted with the bid, the entire bid will be considered non-responsive.

Delivery time, past performance of the vendor and or the equipment offered, as well as price, will be considered major factors in determining the successful vendor. Delivery time must be submitted in writing, in calendar days from the time of receipt of purchase order award.

All equipment shall be new and the manufacturer's latest model.

All equipment requiring lubrication or oil shall be provided with the proper type and amount before delivery.

The vendor shall furnish equipment that is established, reliable, and in successful operation. Any experimental or unproved design is not acceptable.

Vendor must be a manufacturer authorized sale and service facility or class "A" license dealer.

VENDOR RESPONSIBILITY

It shall be the vendor's responsibility to assure all the following:

All vendors, whether a manufacturer or designated dealer, who can provide materials, features or options to meet the specifications outlined herein and willfully fails to do so because of price or to gain a pricing

advantage in a competitive bid situation, will be deemed non-responsive. Any further consideration of their bid submission will not be made. Should their current literature or price list for materials, features, or options indicate their ability to meet these specifications, and they fail to do so, they will be deemed non-responsive and declared ineligible to receive the award for the unit specified.

Finally, any claims that an item bid exceeds the stated specification must be demonstrated in a performance demonstration prior to an award or the bid will be deemed unresponsive for failure to substantiate the claim.

- A. Vendors are cautioned to read the specifications carefully. The specifications may include special requirements not commonly offered by the manufacturer, specification are for a standard unit configuration. Options may change some specific items.
- B. Assure that the basic unit and all required component are compatible and recommend for use in combination by the Manufacturer.
- C. Assure that all components operate in accordance with the manufacturer's recommendation with regard to safe operating speeds, loads, etc.
- D. Notify the Fleet Management Division of the General Services Department, (GSD) if, in the opinion of the vendor, the installation of any specified component violates good engineering and/or commercial practice.
- E. Price shall be F.O.B. Detroit, Michigan.
- F. That the complete unit shall meet United States Department of Transportation Safety and Exhaust Emission requirements at the time of delivery. That the entire unit meets all Federal, State, and Local safety and lighting requirements at the time of delivery.
- G. Defective parts and workmanship to be replaced by vendor without cost to the City of Detroit in accordance with the manufacturer's warranty.
- H. To provide complete sets of operating instructions, parts list and service manuals for the entire unit shall be delivered with the unit at no cost to the City of Detroit. These manuals shall be in book and electronic form.
- I. The vendor shall provide, at NO COST to the City of Detroit, mechanics training, upon request. The training shall be minimum of eight (8) hours of training for the mechanical portion of the unit to acquaint the mechanics and/or operators with all areas of service and maintenance of the unit. The mechanics program shall thoroughly detail maintenance procedures of the entire unit, and include any and all electronic equipment, and include all required specialty tools needed to maintain, adjust, service and/or read the computer control on the unit... *Training times will be arranged after the delivery and acceptance of the unit delivered by the Maintenance Supervisor.
- J. Provide two (2) sets of applicable equipment line sheets upon delivery to the City of Detroit.
- K. Arrangements to be made for representatives of the General Service Department to factory inspect equipment prior to delivery to ensure that all specified features are furnished with equipment supplied. Do not ship unit prior to this inspection.

- L. Vendor must include full warranty coverage and provide warranty details
- M. Vendor must include a full maintenance package and provide package details
- N. Delivery shall be made to:

City of Detroit, General Services Division
 Vehicle Control Center
 8221 West Davidson
 Detroit MI, 48238
Attention: Marcus Poe

WARRANTY AND MAINTENANCE REQUIREMENTS

All parts and workmanship of the complete vehicle shall be fully guaranteed against defects in performance or construction.

Warranty details must be submitted with bid.

All bids must include full vehicle maintenance repair coverage, details of coverage must be submitted with bid.

All warranties shall provide repairs at no cost to the City of Detroit.

TECHNICAL INFORMATION

The equipment shall meet or exceed the following minimum specifications and include all items contained within this technical specification.

NOTE: Unless otherwise stated, the use of manufacturer's name and product numbers are only for descriptive purposes and establishing general quality levels. They are not intended to be restrictive. Vendors are required to state exactly what they intend to furnish, otherwise, it is fully understood that they shall furnish all items stated.

Technical Specifications	Comply	
	YES	NO
	✓	✓
Design Criteria		
Design criteria shall be in accordance with current industry best practices and engineering standards applicable at the time of construction.		
General Requirements		
Wheelbase suitable for equipment configuration		
Flatbed hauler		
Furnish and install		
21' Deck length		

Steel deck		
2 x 2 Corten tube crossmembers on 8" centers		
Floor level rolled formed sides with punched stake pockets		
Right & left chain trays		
Safety chains (2 Front, 2 Rear)		
Left & Right side illuminated controls		
Federal standard 108 LED lighting		
8,000 lbs Hydraulic winch with 3/8 x 50' cable		
Pre-wired electrical junction box		
Adjustable rear stabilizer		
11 chain lock package		
Wear pads		
Red anti tilt lockout		
Positive lock down		
Two lift cylinders		
One extension cylinder		
Winch clutch release		
Back up lights and alarm		
Cable tensioner		
Cable roller guide		
Tow light socket		
Mud flaps		
Hydraulic pump		
Bed mounted cab protector		
4 switch panel		
48" Steel tool box w/SS door		
8' Chain w/8' J-Hook		
Air shift PTO (Manual Transmission)		
Cluster Hook chain bridle		
Ecco 10 Head LED - 60"		
LED - Worklights 2" (pair)		
LED - Worklights 4.5" (pair)		
Body and Chassis		
Wheelbase suitable for equipment configuration		
Minimum 25,500 GVWR		

Rust Preventative option for Frame		
90 gallon aluminum fuel tank		
Engine / Transmission		
6 Cylinder turbo Diesel engine		
Environmentally friendly equivalent		
Engine block heater (1000 W / 120 ACV)		
Auto transmission - Allison 25RDS w/Synthetic fluids (PTO) w/Fuel Sense		
Brakes		
Full air dual circuit "S" cam type with automatic adjustment and ABS		
Meets or exceeds requirements to meet the D.O.T. and Michigan Motor Vehicle Code regulations		
Accessories		
Overhead amber caution light bar		
Backup alarm		
PDI at the factory		
Air suspension		
Polished aluminum wheels (6)		
4.88 Rear axle ratio (max speed 71)		
Fabric Bench seating		
Keys		
Unit must be equipped with (4) sets of keys upon delivery		
Paint		
Primed: Manufacturer primer buildup of one (1) mil		
Finished: Manufacturer paint build up of two (2) mil		
Paint shall conform to industry standards and be warranted from peeling, flaking and rust for a period equivalent to manufacturer's body warranty		
All nameplates, instruction plates and wiring shall be protected from paint.		