

INGHAM COUNTY ROAD COMMISSION  
MASON, MICHIGAN

PROPOSAL #1619

THREE (3) 2012 CALENDAR YEAR FACTORY BUILT  
CONVENTIONAL TRUCK CABS  
ON TANDEM AXLE CHASSIS

Sealed proposals will be received by the staff of the Ingham County Road Commission until 10:00 A.M. local time on Tuesday, February 7, 2012, in the Board Room of the Ingham County Road Commission's Austin E. Cavanaugh Administration Building located at 301 Bush Street, P.O. Box 38, Mason, Michigan 48854; telephone number 517/676-9722 or 800-968-9733, at which time and place all proposals will be publicly opened and read. The Board of Ingham County Road Commissioners will consider award of this proposal at a meeting after February 7, 2012.

Proposals must be submitted on proposal blanks furnished by the Ingham County Road Commission and must be submitted to the Ingham County Road Commission in sealed envelopes clearly marked on the outside as to the proposal number, time and date of the bid opening.

This equipment is to be bid F.O.B. Ingham County Road Commission, Mason Garage facilities located at 301 Bush Street, Mason, Michigan. The bid price is to be firm to the time of delivery.

These specifications are not meant to be restrictive in any way, but are intended to ensure that all proposals submitted for consideration will cover this type of equipment similar in design.

SPECIFICATIONS FOR CAB AND CHASSIS  
(See Reason For Some Equipment Requirements on Page 5)

VEHICLE SIZE AND CAPACITY

- 56,000 pound gross vehicular weight rating (GVWR).
- 18,000 pound front axle weight rating (FAWR).
- 40,000 pound rear axle weight rating (RAWR).
- 130" to 134" minimum cab to axle distance (CA).
- 112" to 114" grill to back of cab. (GBC)
- 200" wheel base minimum. (WB). Steer axle center to tandem drive axle centers.
- 56" distance from tandem center to end of frame (AF).
- 45" to 52" set back steering axle location from face of grill to center of axle (SA).
- 24" minimum ground clearance under frame.

GVWR \_\_\_\_\_

FAWR \_\_\_\_\_

RAWR \_\_\_\_\_

CA \_\_\_\_\_

GBC \_\_\_\_\_

WB \_\_\_\_\_

GC \_\_\_\_\_

FRAME

3/8" channel full-length frame with 3" C-channel full-length frame insert both extending 12 inches beyond front of grill. 3,400,000 pound resist bending moment rating (RBM). 110,000 pounds per square inch rating (PSI). 31.00 section modules (SM).

GC \_\_\_\_\_

RBM \_\_\_\_\_

PSI \_\_\_\_\_

SM \_\_\_\_\_

STEERING

Hydraulic powered with assist ram.

REAR SUSPENSION

Tandem Chalmers (or equal) 40,000 pound capacity system.

ELECTRICAL

160-ampere alternator minimum. Batteries to be 12 volt each with a total of 3300 Cold Cranking Ampere (CCA) minimum with disconnect switch. Battery box and battery disconnect switch mounted under drivers side cab. High volume electric horn. Back-up alarm.

## CAB

Severe duty conventional cab (aluminum construction) enclosed with tinted safety glass. Rear window shall be a minimum size of 12" x 60". Right and left cab assist handles. Right and left heated west coast 6"x16" rear view mirrors. Curved dash. Intermittent windshield wipers with washers. Driver controlled side power windows. Air operated horn. 40,000 BTU fresh air recirculation type heater and defroster. Air Conditioning. Dual sun visors. Dual operational vent windows. Full dash gauge system with engine hour meter. AM/FM radio mounted in upper console. Bostrom 915 air suspension high back, cloth seat for driver, standard stationary seat for passenger. Hood to be tilt forward type with stationary grill and bug screen. Cab clearance lights. Dash mounted optional switch, accessory key activated to cab roof mounted amber beacon. Dash mounted front high/low beam plow light switch with wiring going to grill area.

## BRAKES

Full air anti-lock, S-cam type, 18 cubic foot air compressor, supply tanks, low pressure indicator, Bendix AD-9 (or equal) air dryer and all I.C.C. safety devices. Anchor lock emergency and parking brake chambers. Rear S-cam chamber bracket angle to be 79°.

## TIRES

Front: 315/80R 22.5-J Goodyear, G291 (or equal).  
Rear: 11R22.5-H Goodyear, Unisteel G328 (or equal).

## WHEELS

Ten (10) hole disc type hub pilot unimount.

Front: 9:00 wide for 315/80R 22.5 for tubeless tires rated for 9000 lbs.  
Rear: 8:25 wide for 11R22.5 tubeless tires

## ENGINE

370 horsepower 1250 lbs. torque Cummins 8.9 liter (or equal) vocational ISL diesel four cycle, turbo-charged, six (6) cylinder in line diesel engine.

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

Horsepower: \_\_\_\_\_ Torque: \_\_\_\_\_

Engine shall be equipped with a two stage heavy duty dry type air cleaner located under engine hood, cooling system filter, depth type fuel filters, oil pressure activated engine hour meter.

## TRANSMISSION

Allison (or equal) model 3000 RDS 6-speed automatic shift transmission, equipped with dash mounted oil temperature gauge.

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

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

## FUEL TANK

Aluminum 80-gallon fuel tank mounted on drivers side frame rail under cab.  
Urea tank mounted on drivers side frame rail near front drive tire on adjustable bracket.

## DRIVELINE

Rockwell (or equal) 18T main 17T inter-axle, to match engine/transmission.

## REAR AXLES

Rockwell-Meritor (or equal) RT-40-145, or to match engine/transmission, with power divider, having a 5.86 ratio. Maximum vehicle speed to be 60 to 65 MPH.

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

Ratio: \_\_\_\_\_

## COLOR

Highway orange with top section of engine hood flat black.

## MISCELLANEOUS

One Complete service and parts manual, or online access. Cab protection rust inhibitor. Vehicle dealership responsible for transporting unit when warranty repair is required.

CHASSIS SPECIFICATIONS TO ACCOMMODATE A POWER REVERSE  
12-FOOT UNDERBODY SCRAPER, FRONT PLOW, MID-MOUNTED RIGHT  
SIDE WING PLOW AND 13 FOOT  
DUMP BODY

CAB-TO-AXLE LENGTHS

(To make room for back-of-cab hydraulic tank, underbody scraper and wing plow)

For 13' hopper/dump body length, need 130" to 134" C.A.

GROUND CLEARANCE

(To allow room for underbody scraper)

Allow 24" ground clearance under frame for radius movement of underbody scraper.

TO MAKE ROOM FOR FRONT-MOUNTED PUMP FOR CENTRAL HYDRAULICS SYSTEM:

Crankshaft Drive: Truck to be equipped with crankshaft adapter fitting drilled and tapped to receive flange yoke of a Spicer 1310 series drive, and to accommodate a 1" diameter solid shaft.

Radiator: A minimum of 2" radius clearance from centerline of crankshaft shall be provided below radiator and grill as necessary.

Exhaust System: (to make room for underbody scraper) Vertical particulate/muffler and exhaust behind cab (passenger side) with heat shield and no back of cab protrusion.

Front Frame Extension: (for Husting Hitch and plow) Front frame extension shall pass straight through grill and extend 12" in front.

COST FOR ONE UNIT DELIVERED: \$ \_\_\_\_\_

COST FOR THREE UNITS DELIVERED: \$ \_\_\_\_\_

TRUCK CAB & CHASSIS

MODEL: \_\_\_\_\_

MAKE: \_\_\_\_\_

YEAR: \_\_\_\_\_

MANUFACTURER'S WARRANTIES ON:

BASIC: \_\_\_\_\_

CAB CORROSION: \_\_\_\_\_

ENGINE: \_\_\_\_\_

POWER TRAIN: \_\_\_\_\_

Approximate delivery date of three units: \_\_\_\_\_

BIDDER: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

DATE: \_\_\_\_\_

BIDDER FEDERAL I.D. NUMBER: \_\_\_\_\_

NO BID DEPOSIT REQUIRED.

THE INGHAM COUNTY ROAD COMMISSION RESERVES THE RIGHT TO DEDUCT  
2% FROM EACH TOTAL UNIT PRICE IF THE DELIVERY DATE IS NOT MET.

BIDDER'S REMARKS OR EXCEPTIONS, IF ANY: \_\_\_\_\_

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THE BOARD OF INGHAM COUNTY ROAD COMMISSIONERS RESERVES THE RIGHT TO REJECT ANY AND ALL PROPOSALS, TO WAIVE IRREGULARITIES OR TO MAKE THE AWARD IN PART OR ENTIRETY AND TO ACCEPT THE PROPOSAL(S) THAT, IN THE OPINION OF THE BOARD, ARE IN THE BEST INTEREST AND TO THE ADVANTAGE OF THE BOARD OF INGHAM COUNTY ROAD COMMISSIONERS AND THE COUNTY OF INGHAM, MICHIGAN.

INGHAM COUNTY ROAD COMMISSION  
AFFIDAVIT OF EQUAL OPPORTUNITY

As a condition of obtaining and/or maintaining a contractual relationship with the Board of Ingham County Road Commissioners, State of Michigan, it is hereby certified that this contractor, supplier or contracting organization agrees to provide equal employment opportunity to all employees and applicants and will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, ancestry, age, sex, height, weight, marital status, political affiliations or beliefs, or citizenship, as required by law. The Contractor covenants that applicants are and will be employed and that employees are and will be treated during employment without regard to their race, color, religion, national origin, ancestry, age, sex, height, weight, marital status, political affiliations or beliefs, or citizenship. Such action shall include, but not be limited to, the following: Employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation and selection for training, including apprenticeships. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination policy.

The Contractor, supplier or contracting organization shall comply with Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Federal Rehabilitation Act of 1973 (29 USC 794), the Michigan Elliott Larsens Civil Rights Act (MCL 37.2101, et seq.), the Michigan Handicappers Civil Rights Act (MCL 37.1101, et seq.), as amended, and the Americans With Disabilities Act of 1990.

On behalf of this organization I hereby certify that compliance with the above Equal Opportunity Policy is now, and will continue to be, maintained.

COMPANY: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_