

Town of Sidney, Maine

2986 Middle Road, Sidney, ME 04330

Phone: 207-547-3340/207-547-3159

Fax: 207-547-5054

REQUEST FOR BIDS DUAL AXLE CAB/CHASSIS (64,000 GVW) W/ ACCESSORY EQUIPMENT & PLOW EQUIPMENT (TURN KEY)

DATE: March 30, 2017

INSTRUCTIONS TO BIDDERS

- 1. GENERAL:** The Town of Sidney is accepting bids for a Dual axle Cab / Chassis (64,000 GVW) Truck meeting the specifications accompanying this document.
- 2. BID SUBMITTAL:** Sealed bids will be accepted up to and including **4:30 pm local time, on Tuesday, April 18, 2017.** They will then be publicly opened and read at 7:00 pm that same evening. All bids will be placed in a sealed envelope clearly marked **Bid – Dual Axle Cab / Chassis (64,000 G.V.W.) Truck & Accessory Equipment** in the center with the bidder's name and address in the upper left hand corner. ****Please use Bid Form Pages 1C and 2C.**
- 3. WITHDRAWAL OR REVISION OF BID:** A bidder may withdraw or revise a bid after it has been received by the Selectmen's Office, provided the request is made in writing or in person before the time set for the bid opening.
- 4. BID AWARD:** Bid award, if the Town determines to award, will be made within thirty (30) calendar days after bid opening, to the lowest responsible bidder whose bid fully complies with all the requirements specified contingent upon approval by the Board of Selectmen. The Town reserves the right to reject any and/or all bids without absorbing any liability against the Town.
- 5. EVALUATION OF BIDS:** For purposes of evaluating the bids, in the event of any discrepancies on a proposal between an amount written out in words versus the same amount expressed in numbers, the amount written in words shall govern (if applicable). Similarly, unit prices shall prevail over extended totals. In the event of Additive Bid Items, the "low bid" shall be based upon the least total for the highest combination of bid items which may be awarded within the Control Amount (i.e. a predetermined budget amount to be disclosed at the time of bid opening). In the event that all Base Bids exceed the Control Amount, the "low bid" shall be based solely upon the lowest Base Bid submitted. Bidders shall examine and familiarize themselves with the Specifications and Bid Documents. The bidder shall in no way be relieved of any obligation to provide the product, service and/or equipment specified through error, mistake or omission.

6. INTERPRETATION OF ADDENDA: It shall be the bidder's responsibility to make inquiry as to any interpretation of the specifications or requirements of the participants. Any changes in the specifications shall be by written addenda.

7. SPECIFIED QUANTITY: One (1) Unit

8. INVOICES AND PAYMENT: Invoices shall be transmitted to the Town of Sidney, 2986 Middle Road, Sidney, Maine 04330. It is the practice of the Town of Sidney to pay invoices within thirty (30) days of receipt. The Town is exempt from State of Maine Sales Tax.

9. PENALTY CLAUSE: N/A

10. INSURANCE: N/A

11. PERFORMANCE BOND: N/A

12. CANCELLATION: The Town reserves the right to cancel any unfulfilled portion of the Contract if, in the opinion of the Town, the services of materials supplied are unsatisfactory or are not in compliance with the terms and conditions of the specifications. Cancellation shall be effective following the (10) calendar days written notice to the Bidder.

13. EXCEPTIONS TO SPECIFICATIONS: These instructions to Bidders and General Paragraphs are an integral part of the Specifications for a **Dual Axle Cab / Chassis (64,000 G.V.W.) Truck & Accessory Equipment** and will be binding on the Bidder. Bidders are advised that they shall be bound to the requirements of the Specifications, Instructions to Bidders and General Paragraphs unless exceptions are otherwise clearly noted in the Proposal. Any exceptions shall be considered, however, in the determining the most acceptable proposal.

14. INQUIRIES: Any questions concerning this bid request should be directed to Leon Burgess Road Foreman, 2986 Middle Road, Sidney, Maine 04330. Telephone inquiries can be made by calling (207) 547-3913, or cell (207) 557-3914 between the hours of 7:30 AM & 3:30 PM Monday thru Friday.

15: GENERAL PARAGRAPHS: See attached **Bid Specifications**.

**Town of Sidney, Maine
 BID SPECIFICATIONS
 DUAL AXLE CAB/CHASSIS
 (64,000 GVW)**

GENERAL - It is the intent and purpose of these specifications to describe a standard production model heavy duty diesel powered 6x4 64,000 GVW cab and chassis truck. This vehicle will be equipped with a dump/sander body and full plow and wing assemblies and will be utilized during operations conducted by a municipal public works department. The bidder shall supply equipment that has been in production for one (1) year or greater in full compliance with these specifications.

All equipment furnished under this contract shall be new, or late model/low mileage vehicle. Accessories not specifically mentioned herein, but necessary to furnish a complete unit ready for use, shall be all inclusive. The unit shall conform to the highest quality standards in overall design, quality of workmanship and materials. All assemblies, sub-assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units as is specified in these bid specifications.

MEET EXCEED EXCEPT

ENGINE -

1.)	450 hp or equivalent, generating minimum @ 1625 RPM with 1550 ft/lbs of torque	_____	_____	_____
2.)	Inside/Outside air intake manifold	_____	_____	_____
3.)	Gates Blue Stripe cooling hoses with steel tube connectors	_____	_____	_____
4.)	On/Off fan clutch	_____	_____	_____
5.)	Delco Remy© or equivalent 12V39MT OCP starter	_____	_____	_____
6.)	Delco Remy© or equivalent 12V160 AMP 22SI HD Alternator	_____	_____	_____
7.)	Magnetic crankcase drain plug	_____	_____	_____
8.)	Two position engine brake with exhaust brake (or equivalent)	_____	_____	_____
9.)	Extended life coolant to -34 degrees	_____	_____	_____
10.)	Wabco© or equivalent 18.0 CFM air compressor	_____	_____	_____
11.)	Phillips© 120V1500W or equivalent engine block heater	_____	_____	_____
12.)	Engine mounted oil check and fill reservoir	_____	_____	_____
13.)	1350 front drive flange for PTO	_____	_____	_____

EXHAUST –

1.)	Single outboard type vertical exhaust	_____	_____	_____
2.)	Single stainless exhaust shield and after treatment cover	_____	_____	_____
3.)	Deflector cap or elbow	_____	_____	_____
4.)	HD mounting brackets, elbows, piping and expansion joints.	_____	_____	_____

TRANSMISSION –

1.)	Eaton Fuller RTO-16908LL Transmission	_____	_____	_____
1.)	Synthetic based lubrication	_____	_____	_____
2.)	Air to oil type manual transmission cooler	_____	_____	_____
3.)	Shift lever noise isolator	_____	_____	_____
4.)	Magnetic drain plug	_____	_____	_____

POWER DIVIDER –

1.)	Torque proportioning type with driver actuated Lock-out mechanism	_____	_____	_____
2.)	Magnetic drain plug	_____	_____	_____

FRONT AXLE –

1.)	Certified 20,000 LB minimum capacity	_____	_____	_____
2.)	20,000 LB minimum flat leaf suspension	_____	_____	_____
3.)	Unitized front oil seals preferred	_____	_____	_____
4.)	2000 LB build up spring system or Timbren on RH side	_____	_____	_____

REAR AXLE –

1.)	Certified 46,000 LB minimum capacity	_____	_____	_____
2.)	Meritor RT46-160P rear axle	_____	_____	_____
3.)	4.10 rear drive axle ratio	_____	_____	_____
4.)	Manual activated anti-spin full locking front & rear wheel differential	_____	_____	_____
5.)	Inter-axle differential lock	_____	_____	_____
6.)	Synthetic based lubrication	_____	_____	_____
7.)	Hendrickson© HMX 460-54 or 46K T- Ride equivalent rear suspension	_____	_____	_____
8.)	Minimum 54” HD steel suspension beams	_____	_____	_____
9.)	Rubber bushed longitudinal and transverse torque rods	_____	_____	_____
10.)	Factory balanced HD drive line	_____	_____	_____
11.)	Positive axle alignment	_____	_____	_____
12.)	Off-highway articulation and oscillation characteristics	_____	_____	_____
13.)	Single and dual tire chain clearance, minimum 2”	_____	_____	_____
14.)	Chicago Rawhide© or equivalent oil seals	_____	_____	_____
15.)	Oil lubricated and/or Uni-Hub lifetime greased wheel bearing	_____	_____	_____
16.)	Magnetic drain plugs	_____	_____	_____
17.)	Meritor 18T extended lube driveline	_____	_____	_____

CHASSIS –

1.)	Forward Axle with Cab to Axle and wheel base to be coordinated by Dealer and Body Co.	_____	_____	_____
2.)	1/2” straight steel frame rails, single channel bolted construction	_____	_____	_____
3.)	Heat treated components, minimum strength rating 120,000 PSI	_____	_____	_____
4.)	Front reinforcement with under slung gusseted cross members	_____	_____	_____
5.)	3,200,000 RBM rating with single frame rail desired	_____	_____	_____
6.)	Flange bolted frame fasteners	_____	_____	_____
7.)	Minimum 56’ rear frame overhang with straight rear frame cut off	_____	_____	_____
8.)	Extended front frame at least 18”	_____	_____	_____
9.)	Push/Pull type brake valves	_____	_____	_____

		<u>MEET</u>	<u>EXCEED</u>	<u>EXCEPT</u>
10.)	Manual pull cord drain valves on all air tanks	_____	_____	_____
11.)	Minimum 80 gallon LH aluminum fuel tank	_____	_____	_____
12.)	SAE J844 nylon tube fuel lines	_____	_____	_____
13.)	LH mounted steel (3 batteries @ 3375 CCA min) box with cover	_____	_____	_____
14.)	Air lines and trailer receptacle end of frame for trailer towing	_____	_____	_____
15.)	Electric brake controller pre wire harness	_____	_____	_____
BRAKE SYSTEM -				
1.)	Full air actuation	_____	_____	_____
2.)	Filtered air inlet on compressor unit	_____	_____	_____
3.)	Minimum reservoir capacity 3,000 cubic inches	_____	_____	_____
4.)	Drain cocks on each reservoir	_____	_____	_____
5.)	Wabco© or equivalent air dryer system	_____	_____	_____
6.)	16.5 X 5 S – CAM Eaton ES-165-6L or equivalent front brakes	_____	_____	_____
7.)	Haldex automatic front and rear slack adjusters with stainless steel pin	_____	_____	_____
8.)	16.5 X 8.62 S-Cam Eaton -165-7D tandem axle or equivalent rear brakes	_____	_____	_____
9.)	Wabco or equivalent antilock brake system	_____	_____	_____
10.)	Front and rear brake dust shields	_____	_____	_____
11.)	Brake to be equipped with pressure relief valve	_____	_____	_____
12.)	Low pressure alarm system with indicator located on instrument panel	_____	_____	_____
FRONT TIRES -				
1.)	Michelin X Works Z or equivalent 315/80R22.5 20 ply tubeless radial	_____	_____	_____
2.)	22.5 X 9.00 Accuride© or equivalent rims with hub piloted wheels	_____	_____	_____
3.)	Cast iron brake drums with aluminum hubs	_____	_____	_____
4.)	Deep inset wheel for better turning radius	_____	_____	_____
5.)	Matching spare front wheel & tire	_____	_____	_____
REAR TIRES –				
1.)	Michelin© XDN2 or equivalent 12R22.5H 16 ply tubeless radial	_____	_____	_____
2.)	22.5 X 8.25 Accuride© heavy duty 1/2” or equivalent rims with hub piloted wheels	_____	_____	_____
3.)	Cast Iron brake drums	_____	_____	_____
4.)	Matching spare rear wheel & tire	_____	_____	_____
STEERING SYSTEM –				
1.)	Heavy duty design with sufficient gear reduction for off-highway Operation	_____	_____	_____
2.)	Large capacity power steering fluid reservoir with changeable filter unit	_____	_____	_____
3.)	Dual power steering boxes rated for front end capacity of 20,000 LBS	_____	_____	_____
CAB EXTERIOR –				
1.)	Conventional day cab with corrosion inhibitor sub-base	_____	_____	_____
2.)	Fiberglass hood with engine access panels	_____	_____	_____
3.)	Painted stationary front grille with bug screen mounted behind	_____	_____	_____
4.)	Rubber front fender extensions	_____	_____	_____
5.)	Dual rectangular air horns with shields	_____	_____	_____
6.)	West coast style primary mirrors with 8in convex mirrors, all heated	_____	_____	_____
7.)	Down view mirror mounted over passenger door	_____	_____	_____
8.)	Mirror arms for 102” trailer	_____	_____	_____

	<u>MEET</u>	<u>EXCEED</u>	<u>EXCEPT</u>
9.) Full fiberglass sun visor mounted over windshield	_____	_____	_____
10.) Safety glass windows, rear cab glass and tinted windshield	_____	_____	_____
11.) One piece windshield	_____	_____	_____
12.) Dual windshield wiper/washer with intermittent feature	_____	_____	_____
13.) Back up alarm system mounted rear of chassis	_____	_____	_____
14.) LH/RH cab grab handles	_____	_____	_____
15.) Driver/passenger cab access step maximum height of 21" from ground	_____	_____	_____
16.) Heated windshield	_____	_____	_____
17.) LH/RH heated tripod mounted spot mirrors, hood mounted	_____	_____	_____

CAB INTERIOR –

1.) Mid-tone gray color trim	_____	_____	_____
2.) Metal components to be painted cab color	_____	_____	_____
3.) Thermal insulation kit	_____	_____	_____
4.) Standard cab heating and integral a/c system	_____	_____	_____
5.) Driver and Passenger Side Power Windows	_____	_____	_____
6.) Door mounted LH/RH armrest	_____	_____	_____
7.) Black rubber floor mat with insulation	_____	_____	_____
8.) LH and RH door storage pocket	_____	_____	_____
9.) Standard tunnel mount ashtray/cigarette lighter	_____	_____	_____
10.) Fully illuminated standard instrumentation panel cluster	_____	_____	_____
11.) Speedometer, tachometer, hour meter and odometer to be electronic	_____	_____	_____
12.) Premium air suspension high back with lumbar and seat back adjustments drivers and passengers seat	_____	_____	_____
13.) Three point retractable safety belt system	_____	_____	_____
14.) 18 inch diameter sport steering wheel with tilt and telescopic steering column	_____	_____	_____
15.) LH/RH color keyed sun visors	_____	_____	_____
16.) Audible/visual alarm shutdown for low oil pressure, engine overheat and low water level with automatic override	_____	_____	_____
17.) Graduated air restriction gauge with dash warning indicator light	_____	_____	_____
18.) Main transmission gauge with dash warning indicator light	_____	_____	_____

LIGHTING –

1.) Blade fuse circuit protection	_____	_____	_____
2.) Daytime running lights (optional)	_____	_____	_____
3.) SAE Class A front turn signal lights	_____	_____	_____
4.) Five (5) LED amber marker lights	_____	_____	_____
5.) Parking lights integral with front turn signal lights	_____	_____	_____
6.) Dual stop and tail lights with integral back up lights	_____	_____	_____
7.) SAE Class A rear turn signals integral with tail light system	_____	_____	_____
8.) Self-canceling turn signal switch with motorized flasher	_____	_____	_____

MISCELLANEOUS EQUIPMENT –

1.) AM/FM stereo radio	_____	_____	_____
2.) Two dual cone speakers	_____	_____	_____
3.) Power and ground connections for radio units	_____	_____	_____
4.) Mirror mounted factory (2) warning lights, extra bright	_____	_____	_____
5.) Dry type ABC 5 LB rechargeable fire extinguisher shipped loose in cab	_____	_____	_____
6.) Three (3) pack emergency triangular reflector kit mounted in cab	_____	_____	_____
7.) Common door/ignition key	_____	_____	_____

MEET EXCEED EXCEPT

- | | | | | |
|------|--|-------|-------|-------|
| 8.) | Outside temperature gauge | _____ | _____ | _____ |
| 9.) | Operators & Maintenance Manuals | _____ | _____ | _____ |
| 11.) | Rain Guards on both doors | _____ | _____ | _____ |
| 12.) | 4 Factory installed powered switches with labels | _____ | _____ | _____ |

FINISH –

- | | | | | |
|-----|--|-------|-------|-------|
| 1.) | Chassis color – Black – primed and undercoat protection | _____ | _____ | _____ |
| 2.) | Cab color – Mack Red P9189EB (or equivalent) – primed and undercoat protection | _____ | _____ | _____ |
| 3.) | Front bumper color – Argent Silver S/W 48494 (or equivalent) | _____ | _____ | _____ |

PLOW EQUIPMENT-

- | | | | | |
|------|--|-------|-------|-------|
| 1.) | Custom Tilt & Detach Front Hitch with 4” x 10” Lift Cylinder | _____ | _____ | _____ |
| 2.) | Patrol Style Rear Post with 24” Shelving Capacity | _____ | _____ | _____ |
| 3.) | 8” I-Beam Front Post, Cable Lift with Full Trip Block | _____ | _____ | _____ |
| 4.) | Heavy Duty Full Trip Rear Wing Braces | _____ | _____ | _____ |
| 5.) | Rexroth A10 Load Sense Pump with Low Oil Shutdown | _____ | _____ | _____ |
| 6.) | Load Sense Valves with Cable Controls | _____ | _____ | _____ |
| 7.) | Hose & Fitting Kit | _____ | _____ | _____ |
| 8.) | 11 Ft One Way Reversible Plow with Trip Edge | _____ | _____ | _____ |
| 9.) | Rubber Flap included with Plow | _____ | _____ | _____ |
| 10.) | 12 Ft Heavy Duty Wing with 11 Ft Cutting Edge | _____ | _____ | _____ |
| 11.) | Plow Lights, Wing Light, Sander Light Installed | _____ | _____ | _____ |

BODY/SANDER

- | | | | | |
|------|---|-------|-------|-------|
| 1.) | 13 Ft Side Dump Body | _____ | _____ | _____ |
| 2.) | 3/16” Corten Steel Construction | _____ | _____ | _____ |
| 3.) | ¼” Hardox Floor | _____ | _____ | _____ |
| 4.) | 30 Ton Telescoping Hoist | _____ | _____ | _____ |
| 5.) | Cab Shield | _____ | _____ | _____ |
| 6.) | 6 Panel Air Operated Tailgate | _____ | _____ | _____ |
| 7.) | Central Grease Manifold | _____ | _____ | _____ |
| 8.) | Stainless Steel Floor Hinge | _____ | _____ | _____ |
| 9.) | Poly Spinner Disc | _____ | _____ | _____ |
| 10.) | Grease Cylinder Take Ups for Conveyor Chain | _____ | _____ | _____ |
| 11.) | Hinged Conveyor Cover | _____ | _____ | _____ |
| 12.) | 25 Ton Pintle Hook | _____ | _____ | _____ |
| 13.) | LED Strobes Rear Corner Posts | _____ | _____ | _____ |
| 14.) | Mirror Mount Strobes | _____ | _____ | _____ |
| 15.) | Ladder with Inside Body Step | _____ | _____ | _____ |
| 16.) | Installed & Painted | _____ | _____ | _____ |
| 17.) | Minimizer MIN4000 full fenders with brackets mounted to underside of body | _____ | _____ | _____ |
| 18.) | 6” metal side boards included | _____ | _____ | _____ |

Town of Sidney, Maine

2986 Middle Road, Sidney, ME 04330

Phone: 207-547-3340/207-547-3159

Fax: 207-547-5054

QUOTATION FORM

Date of Bid Opening: Tuesday, April 18, 2017 ~ 7:00 PM

A bid is hereby submitted on One (1) new **DUAL AXLE CAB/CHASSIS (64,000 GVW) & Accessory Equipment** in compliance with your invitation for proposals, having examined the specifications and conditions contained therein.

(Attach Additional Comments As Necessary)

The Bidder proposes to supply the following:

Bid Option # 1: Dual Axle Cab / Chassis (64,000 GVW) and Accessory Equipment (per specifications) **WITH TRADE-IN** Allowance:

MAKE

MODEL

Truck: _____

Body: _____

Sub-Total: \$ _____

Terms of Warranty: _____

Optional Extended Warranty: \$ _____

Additional cost for Extended

Warranty: \$ _____

EPA Fuel Estimate: _____

Delivery Date: _____

**Must be within 90 Days of Contract Award*

TRADE-IN:

With Trade-In Allowance Mandatory of a 2001 Volvo WG64 10-Wheeler, 370 Cummings Motor with 8LL Trans, 46 Rears, 11' Dust Pan, 11' Double Action Wing, 13'10" MG Sander Dump Body.

Trade-In Allowance: \$ _____

Bid Option # 1 Total Price: \$ _____

Bid Option # 2: Dual Axle Cab / Chassis (64,000 GVW) and Accessory Equipment (per specifications) **WITHOUT TRADE-IN** Allowance:

MAKE

MODEL

Truck: _____

Dump Body: _____

Sub-Total: \$ _____

Terms of Warranty: _____

Optional Extended Warranty: \$ _____
Additional cost for Extended
Warranty: \$ _____

EPA Fuel Estimate: _____

Delivery Date: _____

**Must be within 90 Days of Contract Award*

Bid Option # 2 Total Price: \$ _____

The Town of Sidney reserves the right to accept or reject any or all bids, or portion thereof, or waive any technicalities or formalities deemed to be in the best interest of the Town of Sidney.

The undersigned agrees to deliver equipment in accordance with specifications and at price quoted. Please enclose any exceptions to the bid specifications with this quotation form.

DEALER: _____

NAME & TITLE: _____

ADDRESS: _____

DATE: _____

SIGNATURE: _____

Note: Keep a copy for your records