CONTRACT AWARD CA115-18

CONTRACTOR:

TrailerCraft, Inc.

222 West 92nd Avenue

Anchorage, AK 99515

Contact: Jeff Jessen

(907) 563-3238

jeffj@trailercraft.com

Alaska Business License No: 927977

SECTIONS:

SECTION I –SPECIAL TERMS AND CONDITIONS

SECTION II – STANDARD TERMS AND CONDITIONS

SECTION III – SPECIFICATIONS

SECTION IV – PRICE SCHEDULE



CONTRACTING AUTHORITY:

STATE OF ALASKA

HQ, STATE EQUIPMENT FLEET

2200 E 42ND AVENUE

ANCHORAGE, AK 99508

CONTRACTING OFFICER: KRISTI FUTREL

(907) 269-0793

KRISTI.FUTREL@ALASKA.GOV

Contracting Authority Name & Title:

Kristi Futrel, Contracting Officer III

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Contractor Authority Name & Title:

Jeff Jessen, Commercial Account Manager

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# TERMS AND CONDITION

## INTENT: This contract is intended to result in the purchase of 36,000 GVWR Crew Cab Chassis:

* 1. Contract Period**:** One Year with Two (1) Year Renewal Options.
	2. Contract Expiration Date: March 21, 2019.
	3. Quantities: 2 for immediate purchase, not to exceed 10 trucks per renewal period.
	4. Location of Use: Anchorage, AK
	5. Warranty locations: Anchorage, AK
	6. In addition to the State of Alaska requirements, the Municipality of Anchorage and other Alaska political subdivisions may cooperatively purchase from the resulting contract.
		1. At no time may the contractor change the terms and conditions, alter the price to another entity, which differs from the contractual price, nor charge undisclosed administrative fees to allow cooperative purchasing.

## DELIVERY:

* 1. Pre-delivery service: Prior to delivery, each vehicle, piece of equipment or attachment shall be serviced and inspected by the dealer or his agent. Inspection must include the following (as applicable to the type of equipment):
		1. Dealer and vehicle identification.
		2. Check-off of service and inspection performed including a list of all fluids including type weight and specification that are in the equipment as delivered for all fluid compartments.
		3. The vehicle's crankcase, differential and transmission, and other fluid compartments shall be filled to the manufacturer's recommended capacity.
		4. Fuel tank shall be filled to at least register a minimum ¼ full on the fuel gauge, unless restricted by the commercial carrier, when the vehicle arrives at the delivery location.
		5. The vehicle shall be clean and free from defects when delivered and should be ready for immediate and continued use upon delivery.
		6. Units delivered in an incomplete state, or which have deficiencies per the specification, are subject to the damage charges as noted in paragraph 4.0 below.
	2. Inspections:
		1. The State's inspection of all materials and equipment upon delivery is for the sole purpose of identification. Such inspection shall not be construed as final or as acceptance of the materials or equipment if materials or equipment do not conform to Contract requirements. If there are any apparent defects in the materials or equipment at the time of delivery, the State will promptly notify the Contractor thereof. Without limiting any other rights of the State, The State at its option, may require the Contractor to:
			1. repair or replace at contractor's expense, any or all of the damaged goods,
			2. refund the price of any or all of the damaged goods, or
			3. Accept the return of any or all of the damaged goods.
		2. Costs of remedying all defects, indirect and consequential costs of correcting same, and/or removing or replacing any or all of the defective materials or equipment will be charged against the bidder.
	3. Acceptance:
		1. Units will not be considered “Accepted” until all deficiencies have been corrected. This includes item 2.5 Line Sheets/Bill of Materials, 2.6 Parts & Service Information, and 8.0 Publications.
	4. Delivery Receipt:
		1. A delivery receipt will be required. The receipt must be filled out by the vendor, and acknowledged by state receiving personnel by signature and date of actual receipt of equipment. One copy of this delivery receipt is to be given to the state-receiving agency.
		2. Vendors are cautioned and advised that such delivery forms or other receiving type documents will not in any way be construed to mean the state has formally and fully accepted unit(s) referenced thereon as complete and meeting every specification set forth. Only the Contracting Officer or designee may sign warranty documentation.
	5. Build Sheets/Bill of Materials:
		1. It is required at the time of delivery that the successful bidder provides a comprehensive listing of all components used to assemble the unit.
		2. This includes any components installed by the manufacturer or any subcontractor or the successful bidder.
		3. Information will include at a minimum, make, model serial number on items such as engines, transmissions, axles, tires, bodies, etc. The listings will be specific to each piece of equipment.
		4. PDF copies of Build Sheets/Bill of Materials must be emailed to: jonathan.skinner@alaska.gov, for archiving and sharing with the proper SOA departments.
	6. Parts & Service information
		1. It is required at the time of delivery that the successful bidder provides a comprehensive listing of parts & service information.
		2. Information will include, at a minimum, list of all required filters, list of all required oil types by compartment, quantity of oil needed, service schedule listing required service items by hours/miles and date, and a recommended parts stock list.
		3. PDF copies of Parts & Service information must be emailed to: jonathan.skinner@alaska.gov, for archiving and sharing with the proper SOA departments.

## F.O.B. POINT:

* 1. The F.O.B. point is as listed in Section IV, Bid Schedule. Ownership of and title will remain with the contractor until delivery is complete to final destination and accepted by the State. Equipment is not to be driven on the Alcan Highway without prior written approval from the contracting officer.
	2. The cost of shipping and delivery for orders beyond the limits of Seattle/Tacoma dock will be handled as follows. The contractor will prepay the shipping and delivery charges to any destination named by the State in its order. The contractor will charge-back those shipping and delivery charges to the State as a separate line item on the State’s invoice.
	3. All shipping charges over $100 must be documented by a copy of the actual shipping invoice and received with the invoice charge to the State.
	4. Shipping must be consolidated for the best possible price. Shipping items separately must be pre-approved by the Contracting Officer PRIOR to shipment. For example, GP Bucket or Spare Tire not being shipped with host unit must be pre-approved.

## DAMAGES FOR LATE DELIVERY AND NON-CONFORMING GOODS:

* 1. Time is of the essence in this contract. The Bidder is expected to deliver goods that conform in all material respects to the contract specifications on or before the date provided therein, as may be amended by written agreement of the parties.
	2. In the event that the equipment is delivered late or does not conform to the contract specifications, the State shall be entitled to offset against the Contract Price, as liquidated damages and not as a penalty, an amount equal to the cost of renting like equipment, multiplied by the number of calendar days elapsing between the delivery date provided in the bid schedule and the delivery date to the State. In the case of equipment in this this class, that daily rental fee is determined to be $690.00. The number of days for which liquidated damages shall apply shall include, in the case of non-conforming goods, the time reasonably necessary for the State to perform inspection.
	3. These liquidated damages represent a reasonable estimate of amounts necessary to compensate the State for loss of use of the goods during the period in which the goods would have been available to the State if conforming goods had been timely delivered.

## EQUIPMENT RELIABILITY:

* 1. Reliability of equipment is of paramount importance to the State. It is the policy of SEF to require minimum levels of reliability from owned or leased equipment for it to be considered acceptable. Equipment offered for this bid must be capable of meeting the acceptable reliability standard stated below.
	2. Acceptable Reliability: The State will monitor equipment reliability. Acceptable reliability for this contract is achieved when a machine achieves or maintains a Reliability Ratio (RR) equal to or exceeding the following:
		1. .90 (90 percent) PR during any consecutive 12-months (365 days) during the warranty period.
		2. .75 (75 percent) PR per operational month (recognizing operational as subject to weather and being defined by calendar days) during the consecutive 12-month period.
		3. PR below the state percentages do not meet minimum reliability requirements for state owned equipment.
	3. Machine Failure and Downtime:
		1. Machine Failure is any and all loss of capability to perform fully, as specified, which is not attributed to Conditioned Failure. Machine Failure resulting in the unit being out of service is defined as Downtime.
		2. Conditioned Failure is any Machine Failure attributable to accident, operator abuse or other external cause not attributable to a defect in the machine itself.
		3. Downtime is the actual number of days or fractions of days that the equipment is in a state of Machine Failure. Downtime does not count time used for scheduled maintenance (including preventative maintenance and scheduled major overhauls), time lost for repair maintenance and scheduled major overhauls, time lost for repair of damage as a result of operator abuse or machine misapplication; or time lost as a result of accident or an act of God. Downtime includes:
			1. Actual shop hours (and/or field repair hours) required to return unit to full operational status following machine failure, including trouble-shooting, repair, necessary replacement of parts, and necessary adjustments, plus
			2. Time lost waiting for parts and/or vendor assistance. “Waiting downtime” also applies if need for parts/assistance is discovered during routine maintenance and return to service is deemed counterproductive. In this case, “waiting time” clock begins with notice of need to vendor. Allowance may be considered in “waiting time” calculations if arrival of parts/assistance is delayed by transportation shutdown, to include verifiable transportation scheduling difficulties such as infrequent flights as long as all reasonable alternatives have been exhausted. Parts and assistance are to be provided by the quickest means reasonably possible to avoid unnecessary delays and downtime.
		4. Out of Service Report (OSR): Downtime resulting from machine failure is the actual number of hours a machine is out of service as recorded on the OSR or in the Equipment Maintenance Management System (EMS).
			1. The State will record all downtime on an OSR or EMS work order, which will be originated for each occurrence of downtime. The document will show the date and time a unit went down, the location where the machine was based, the reason the machine is down, date and time the vendor was notified (if applicable), the date and time the machine was returned to service, and the total hours of downtime.
				1. The Contract Manager will finalize and approve the OSR or EMS work order. Both are available for contractor review.
		5. Reporting Downtime: The Contracting Officer will maintain documentation of all Downtime, and shall send copies of such documentation to the contractor.
		6. Calculation of Reliability Ratio: RR is the mathematical ration of operated time (uptime) to out of service time (downtime). The RR will be calculated according to the following formula:

RR = Days in a Month – Days Out of Service\* = DM - DO

 Days in a Month \*\* DM

 Note \* : Fractional Days apply, i.e., a unit is out of service 8 hours in a 24 hour period equals 1/3 or .33% of a day.

 Note \*\*: A day is allocated as 24 consecutive hours from 12:00 AM to 12:00 PM.

 Example: 30 days DM with 2 days and 8 hours DT would result in:

 RR = 30 - 2.33 = .92

 30

* + 1. Unacceptable Reliability: If an item of equipment fails to perform at an acceptable level of reliability during the warranty period, the Contracting Officer will notify the contractor and request immediate remedy. Failure to remedy the piece of equipment within 30 days for failure will result in a breach of contract and the immediate return of the equipment and reimbursement of the Guaranteed Value (V) of the unit:

Original Cost of the unit less (-) Freight = $\_\_\_\_\_\_\_\_\_\_ (V)

Guaranteed Value (V) less (-) the Cost of Operation as listed in the Equipment Rental Rate Blue Book or comparable equipment or the current Federal Fixed Usage Rate for the Class for the State of Alaska (a, b or c per hour) times (X) the number of hours used = \_\_\_\_\_\_\_\_\_\_\_(DV).

1. Example: Cost of a single unit, less freight = $150,000. The hourly cost is $150.00 per hour. The unit was used 150 hours prior to failing the acceptable reliability. The contractor guarantees the unit’s worth at $127,500.00.
	* 1. Prior to return, the State will correct all reasonable cosmetic deficiencies (such as excessive rust) and those deficiencies that are directly related to damage due to accidents, misuse of equipment or failure to operate or maintain equipment as prescribed by the vendor/manufacturer, prior to public auction.
		2. The tires will be serviceable with at least 50% remaining thread.
		3. Oil samples, as per manufacturer’s service manual recommendations, will be taken by State of Alaska maintenance personnel on the engine, transmission, differentials and hydraulics.
		4. In the case of dispute, at the expense of the State, a qualified agent from Northern Adjusters, Inc. or another professionally recognized appraiser may be commissioned for an independent claim appraisal. Such appraisal shall be binding upon the State and the contractor.

## WARRANTY:

* 1. Standard Warranty Package: Unless otherwise stipulated by this ITB, the successful bidder will provide a one-year (12-month) warranty.
		1. Full (100%) Parts and Labor Warranty Coverage of all components for 12 months (year one), from the date the unit is placed in service at the assigned location.
		2. Full (100%) Warranty Coverage includes all cost of labor, parts, freight, lubricants, miscellaneous cost, etc., to place the unit in like-new condition.
		3. Should the manufacturer’s standard warranty exceed the minimum State warranty requirements, the manufacturer’s warranty will run in conjunction with and enhance the State’s warranty, then continue for the remainder of its term.
		4. For clarification, warranty does not apply to normal wear and tear or maintenance items, accident damages, misuse of equipment or failure to operate or maintain equipment as prescribed by vendor/manufacturer.
		5. Warranty on Attachments: Same as Standard Warranty Package.
		6. In-Service Date: Warranty on vehicles not placed in service immediately upon receipt because of time lag to construct body components and/or installation of special equipment, or due to seasonal usage or other delay, shall be warranted from the date the vehicle is placed in service. The receiving agency shall notify the vendor/manufacturer in writing of the actual "in service" date. Notification of the requirement for delayed warranty will be provided on delivery orders whenever possible.
	2. Warranty Claims:
		1. Warranty will be provided at the unit’s assigned (in-service) location. Because of the remote location of some equipment it is not always practical to deliver equipment to authorized warranty repair facilities. In these cases, the vendor may perform warranty work at the state's location or, the State of Alaska, at its discretion, reserves the right to perform the warranty work and be reimbursed by the vendor. If travel is required by State personnel to perform the work, actual costs will be used for reimbursement.
		2. The State of Alaska has established a warranty procedure whereby the vendor is to be notified via letter, email, or fax, that warranty work needs to be performed. If time is of the essence, a telephone call confirmed by one of the above written procedures may be utilized.
		3. The vendor must notify the state within 24 hours of verbal or written notification that it will begin to perform the warranty work at the equipment location.
		4. The State may, at its discretion, proceed to make warranty repairs with its own work force in the case of emergency situation or to preclude excessive downtime (greater than 24 hours). The State will require a PO to perform the warranty work.
		5. Failure to notify the State that the vendor intends to begin to perform warranty is considered a contractual breach.
		6. The vendor will be invoiced for required warranty work performed by the state.  Warranty work performed by the state will be charged at the current SEF shop labor rate at the time of the repair.  Actual repair time will be used.
	3. Warranty Performed by Vendor:
		1. The State will reimburse travel costs not reimbursed by the manufacturer for travel to and from the bidder’s closest warranty service center within the State of Alaska to the location of the equipment under warranty.  Travel costs will be billed as follows:
			1. Mileage Charge: Mileage will only be reimbursed for travel within Alaska at the rate allowable by the IRS.
			2. Meals are paid at actual and charges must be accompanied by receipts and are not to exceed the State authorized $60.00 per day.
			3. Transportation, such as airfare, shall be reimbursed at actual and all charges are to be accompanied by a receipt/copy of the coach ticket.
			4. Lodging shall be reimbursed at actual and shall not exceed $150.00 per night unless no other lodging is available. Requests for reimbursement must be accompanied by a receipt.
		2. Travel will only be reimbursed for time in Alaska.
		3. After hours, weekend and holiday travel must be approved by the contracting officer to be considered for reimbursement. The State will not pay for weather delays.
	4. Authorized Warranty (Contractor/Bidder):
		1. Contractor (bidder) must have Authorized Warranty Dealer that has all required licenses, facilities and factory certified and trained personnel necessary to perform the warranty servicing and repair work.

Provide name and address for each Authorized Warranty Dealer for each location.

(\*) TrailerCraft, Inc. 222 West 92nd Avenue, Anchorage, AK 99515

Provide contact name and contact information for Warranty Administrator:

(\*) Melissa Gould, Warranty Administrator (907) 550-1118

* + 1. The ultimate responsibility for warranty lies with the contractor (bidder).
		2. The State reserves the right to inspect the warranty facility and diagnostic equipment prior to issuing the Notice of Intent to Award a contract.
	1. Factory Recall:
		1. Nationwide factory recall or product update programs are the responsibility of the vendor and/or manufacturer. The State will attempt to bring affected equipment to an authorized repair facility. However, because of the remoteness of some equipment this is not always practicable or economical. In such cases, factory recall and modification work will be handled the same as warranty work. Factory recall notices sent to the state should, in addition to serial number, include model, year, and dealer.

## REPAIR ORDERS AND DOCUMENTATION:

* 1. Any work performed by the contractor or approved subcontractor, whether warranty or any other work on a piece of equipment purchased under this ITB, will require a copy of the repair order, any invoices showing parts and commodities including oils and types used.

## PUBLICATIONS:

* 1. Paper publications are to be received by the State at the time of delivery. Delivery will not be considered complete until the publications for each unit have been received by the State of Alaska. Note: Publications, when required, will be ordered on the same Purchase Order as the unit itself.
		1. All paper manuals are to be pre-assembled in factory binders prior to delivery.
		2. Any electronic copies of manuals, and subsequent revisions, must be emailed to: jonathan.skinner@alaska.gov, for archiving and sharing with the proper SOA departments.
		3. Online access to manuals must be provided at time of delivery. All shared access credentials shall be proved to: jonathan.skinner@alaska.gov, for archiving and sharing with the proper SOA departments.
	2. Service Manuals:
		1. Complete set(s) to include applicable information covering prime unit and attachments:
		2. Body, chassis, and electrical
		3. Engine, transmission, and differential(s) (service and rebuild)
		4. Electrical and vacuum troubleshooting
		5. Wiring diagrams
		6. Service specifications
		7. Engine/emission diagnosis
	3. Parts Manuals:
		1. Complete set(s) including all updates. If updates are not provided during the warranty period, the State may order them from the manufacturer and bill the contractor for the full cost, including shipping.
		2. Parts manuals are to be customized by serial number.
	4. Operator’s Manuals: Complete set(s) to include prime unit and attachments.
	5. Quantities: As per Section IV – Bid Price Schedule.
	6. Service Bulletins, Etc.: The successful bidder must provide appropriate service bulletins, technical support bulletins, service letters, product support bulletins, and/or any other information type notifications that are sent out to the vendor or used by the manufacturer in the maintenance and report of the vehicle, equipment or attachments being provided. The intent of this clause is that the State of Alaska be provided notification of any and all changes or improvement’s that may affect the maintenance, reliability, longevity, and safety of our equipment.

## STATEMENT OF ORIGIN: The bidder will be required to furnish a Manufacturer's Statement of Origin for Automotive or Non-Automotive rolling stock for each unit. All such documents shall be delivered with the invoice to:

DOT&PF, HQ State Equipment Fleet

2200 E. 42nd Avenue Room #318

Anchorage, Alaska 99508

## WEIGHT VERIFICATION SLIPS: If required in the Bid Price Schedule, a weight scale ticket of the completed unit will be included with the Statement of Origin.

## PRICE:

* 1. Price Guarantee: The Contractor is responsible to maintain prices under the contract firm for 180 days after bid opening. All price increases or decreases must remain firm for the following 180 days.
	2. NO RETROACTIVE PRICE INCREASES WILL BE ACCEPTED.
	3. Price adjustments, increases or decreases, for subsequent orders, may be made by providing the Contracting Officer satisfactory evidence that all of the following conditions exist:
		1. The increase is a result of the increased cost at the manufacturer’s level and not costs under the contractor’s control, and that;
			1. The increase will not produce a higher profit margin for the contractor than that on the original contract, and that;
			2. The increase affects only the item(s) that are clearly identified by the contractor.
			3. Satisfactory forms of the evidence of the above facts may include a certified invoice from the manufacturer, or an affidavit from an independent professional price-tracking firm that is recognized by the industry as reputable and knowledgeable. The contractor must be able to show the difference between the prior year’s price and the current difference in the price being requested.
	4. Price Decreases: During the period of the contract, the Contractor must pass on to the state all price decreases, such as fleet rebates. A Contractor’s failure to adhere strictly and faithfully to this clause will be considered a material breach of contract. The state reserves the right to cancel the contract if the contractor fails to properly perform the duties set out herein.
	5. Manufacturer’s Rebate (Incentives):
		1. In any circumstance during or prior to completion of the contract, whereupon the State of Alaska becomes eligible to receive a rebate for any vehicle purchased under this contract, it shall be the BIDDER'S responsibility to inform the Contracting officer in writing and to advise the procedures for obtaining such rebates.

## REPLACEMENT PARTS AND REPAIRS:

* 1. This contract encompasses a full parts and labor contract for manufacturer parts and repairs for the entire warranty period.
	2. The State of Alaska shall expect the dealer or manufacturer to provide replacement wear parts at their authorized warranty facilities for the entire warranty period within seven (7) days of order. All other parts must be available within ten (10) working days.
	3. Back order procedures: Back orders are acceptable; however, the ordering shop shall be appraised at time of original orders as to the expected delay in delivery.
	4. Warranty: All products supplied by the contractor shall be warranted against defects in materials and workmanship for a minimum of 90 days, commencing at the time of installation as long as the installation is within 12 months of purchase. The cost of any defective product and the labor required to replace the defective product shall be the obligation of the contractor.
		1. If the manufacturer’s warranty exceeds the stated warranty then manufacturer’s warranty supersedes.
		2. Parts Return: Within 12 months of the invoice date, the State is to be allowed to return new parts with full refund, less actual shipping charges. Cores returned within 12 months of original invoice date will receive full core credit. Returned parts will be in new, resalable condition. Refund will be in the form of a credit/invoice credited to the SOA account with the vendor.
		3. Invoicing: Full description of item is required on all invoices, packing lists and billings.

## PRICES:

The bidder shall state prices in the units of issue on this ITB. Prices quoted for commodities must be in U.S. funds and include applicable federal duty, brokerage fees, packaging, and transportation cost to the FOB point so that upon transfer of title the commodity can be utilized without further cost. Prices quoted for services must be quoted in U.S. funds and include applicable federal duty, brokerage fee, packaging, and transportation cost so that the services can be provided without further cost. Prices quoted in bids must be exclusive of federal, state, and local taxes. If the bidder believes that certain taxes are payable by the State, the bidder may list such taxes separately, directly below the bid price for the affected item. The State is exempt from Federal Excise Tax except the following:

1. Coal - Internal Revenue Code of 1986 (IRC), Section 4121 - on the purchase of coal;
2. “Gas Guzzler" - IRC, Section 4064 - on the purchase of low m.p.g. automobiles, except that police and other emergency type vehicles are not subject to the tax;
3. Air Cargo - IRC, Section 4271 - on the purchase of property transportation services by air;
4. Air Passenger - IRC, Section 4261 - on the purchase of passenger transportation services by air carriers.
5. Leaking Underground Storage Tank Trust Fund Tax (LUST) - IRC, Section 4081 - on the purchase of Aviation gasoline, Diesel Fuel, Gasoline, and Kerosene.

## VENDOR TAX ID NUMBER:

If goods or services procured through this ITB are of a type that is required to be included on a Miscellaneous Tax Statement, as described in the Internal Revenue Code, a valid tax identification number must be provided to the State of Alaska before payment will be made.

# CONDITIONS:

## AUTHORITY:

This ITB is written in accordance with AS 36.30 and 2 AAC 12.

## COMPLIANCE:

In the performance of a contract that results from this ITB, the contractor must comply with all applicable federal, state, and borough regulations, codes, and laws; be liable for all required insurance, licenses, permits and bonds; and pay all applicable federal, state, and borough taxes.

## SUITABLE MATERIALS, ETC.:

Unless otherwise specified, all materials, supplies or equipment offered by a bidder shall be new, unused, and of the latest edition, version, model or crop and of recent manufacture.

## SPECIFICATIONS:

Unless otherwise specified in the ITB, product brand names or model numbers specified in this ITB are examples of the type and quality of product required, and are not statements of preference. If the specifications describing an item conflict with a brand name or model number describing the item, the specifications govern. Reference to brand name or number does not preclude an offer of a comparable or better product, if full specifications and descriptive literature are provided for the product. Failure to provide such specifications and descriptive literature may be cause for rejection of the offer.

## FIRM OFFER:

For the purpose of award, offers made in accordance with this ITB must be good and firm for a period of ninety (90) days from the date of bid opening.

## CONTRACT FUNDING:

Bidders are advised that funds are available for the initial purchase and/or the first term of the contract. Payment and performance obligations for succeeding purchases and/or additional terms of the contract are subject to the availability and appropriation of funds.

## CONFLICT OF INTEREST:

An officer or employee of the State of Alaska may not seek to acquire, be a party to, or possess a financial interest in, this contract if (1) the officer or employee is an employee of the administrative unit that supervises the award of this contract; or (2) the officer or employee has the power to take or withhold official action so as to affect the award or execution of the contract.

## ASSIGNMENT(S):

Assignment of rights, duties, or payments under a contract resulting from this ITB is not permitted unless authorized in writing by the procurement officer of the contracting agency. Bids that are conditioned upon the State’s approval of an assignment will be rejected as nonresponsive.

## SUBCONTRACTOR(S):

Within five (5) working days of notice from the state, the apparent low bidder must submit a list of the subcontractors that will be used in the performance of the contract. The list must include the name of each subcontractor and the location of the place of business for each subcontractor and evidence of each subcontractor's valid Alaska business license.

## FORCE MAJEURE:

(Impossibility to perform): The parties to a contract resulting from this ITB are not liable for the consequences of any failure to perform, or default in performing, any of its obligations under the contract, if that failure or default is caused by any unforeseeable Force Majeure, beyond the control of, and without the fault or negligence of, the respective party. For the purposes of this ITB, Force Majeure will mean war (whether declared or not); revolution; invasion; insurrection; riot; civil commotion; sabotage; military or usurped power; lightning; explosion; fire; storm; drought; flood; earthquake; epidemic; quarantine; strikes; acts or restraints of governmental authorities affecting the project or directly or indirectly prohibiting or restricting the furnishing or use of materials or labor required; inability to secure materials, machinery, equipment or labor because of priority, allocation or other regulations of any governmental authorities.

## CONTRACT EXTENSION:

Unless otherwise provided in this ITB, the State and the successful bidder/contractor agree: (1) that any holding over of the contract excluding any exercised renewal options, will be considered as a month-to-month extension, and all other terms and conditions shall remain in full force and effect and (2) to provide written notice to the other party of the intent to cancel such month-to-month extension at least thirty (30) days before the desired date of cancellation.

## DEFAULT:

In case of default by the contractor, for any reason whatsoever, the State of Alaska may procure the goods or services from another source and hold the contractor responsible for any resulting excess cost and may seek other remedies under law or equity.

## DISPUTES:

If a contractor has a claim arising in connection with a contract resulting from this ITB that it cannot resolve with the State by mutual agreement, it shall pursue a claim, if at all, in accordance with the provisions of AS 36.30.620 – 632.

## CONSUMER ELECTRICAL PRODUCT:

AS 45.45.910 requires that "...a person may not sell, offer to sell, or otherwise transfer in the course of the person's business a consumer electrical product that is manufactured after August 14, 1990, unless the product is clearly marked as being listed by an approved third party certification program." Electrical consumer products manufactured before August 14, 1990, must either be clearly marked as being third party certified or be marked with a warning label that complies with AS 45.45.910(e). Even exempted electrical products must be marked with the warning label. By signature on this bid the bidder certifies that the product offered is in compliance with the law. A list of approved third party certifiers, warning labels and additional information is available from: Department of Labor and Workforce Development, Labor Standards & Safety Division, Mechanical Inspection Section, P.O. Box 107020, Anchorage, Alaska 99510-7020, (907)269-4925.

## SEVERABILITY:

If any provision of the contract is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions will not be affected; and, the rights and obligations of the parties will be construed and enforced as if the contract did not contain the particular provision held to be invalid.

## GOVERNING LAW; FORUM SELECTION:

A contract resulting from this ITB is governed by the laws of the State of Alaska. To the extent not otherwise governed by section 17 of these Standard Terms and Conditions, any claim concerning the contract shall be brought only in the Superior Court of the State of Alaska and not elsewhere.

## NEW EQUIPMENT:

Equipment offered in response to this ITB must be new equipment. New equipment means equipment that is currently in production by the manufacturer and is still the latest model, edition or version generally offered. The equipment must be warranted as new by the manufacturer and may not have been used for any purpose, other than display (not demonstration), prior to its sale to the state. The state will not accept remanufactured, used, or reconditioned equipment. It is the contractor's responsibility to ensure that each piece of equipment delivered to the state complies with this requirement. A contractor's failure to comply with this requirement will cause the state to seek remedies under breach of contract.

## ACCESSORIES:

When accessories are supplied, they must be certified to be compatible with the rest of the equipment. Certification will be written evidence satisfactory to the state that the accessories are compatible. The bidder's failure to supply this evidence within the time required by the state will cause the state to consider the bid non-responsive and reject the bid.

## BRAND SPECIFIC:

Certain items may be designated brand specific. When an item is so designated no substitutions for the brand and model specified will be allowed.

## INSPECTION:

Equipment offered for lease may be subject to inspection and approval by the state prior to the award of the ITB. The equipment and attachments must be in good repair and capable of performing the work for which they were designed.

## ALTERATIONS:

The contractor must obtain the written approval from the contracting officer prior to making any alterations to the specifications contained in this contract. The state will not pay for alterations that are not approved in advance and in writing by the contracting officer.

## DISCONTINUED ITEMS:

In the event an item is discontinued by the manufacturer during the life of the contract, another item may be substituted, provided that the contracting officer makes a written determination that it is equal to or better than the discontinued item and provided that it is sold at the same price or less than the discontinued item.

## ITEM UPGRADES:

The state reserves the right to accept upgrades to models on the basic contract when the upgrades improve the way the equipment operates or improve the accuracy of the equipment. Such upgraded items must be at the same price as the items in the basic contract.

## DELIVERY TIME:

The elapsed time between the time the state places an order and the time that order is actually shipped from the contractor's place of business must be entered in space provided under "Bid Schedule". This processing time is to remain constant throughout the life of the contract(s).

## DELIVERY CONFIRMATION:

Bidders must obtain a confirmation from the manufacturer that the items offered are scheduled for production in sufficient time to meet the scheduled delivery dates. A copy of the manufacturer’s confirmation may be included with the bid or submitted within 10 days of the state's request. The bidder's failure to provide the manufacturers confirmation as required will cause the state to consider the bid non-responsive and reject the bid.

## ADVANCE NOTICE OF DELIVERY:

The contractor must notify the freight company that delivers the order that the state facility receiving the order requires 24 hours advance notice of delivery.

## THIRD-PARTY FINANCING AGREEMENTS NOT ALLOWED:

Because of the additional administrative and accounting time required of state agencies when third party financing agreements are permitted, they will not be allowed under this contract.

## CONTINUING OBLIGATION OF CONTRACTOR:

Regardless of the terms and conditions of any third-party financing agreement, the contractor agrees that none of its responsibilities under this contract are transferable and that the contractor alone will continue to be solely responsible until the expiration date of the contract. Such responsibilities include, but are not limited to, the provision of equipment, training, warranty service, maintenance, parts and the provision of consumable supplies. By signature on the face page of this ITB the bidder acknowledges this requirement and indicates unconditional acceptance of this continuing obligation clause.

## ESTIMATED QUANTITIES:

The quantities referenced in this ITB are the state's estimated requirements and may vary more or less from the quantities actually purchased. The state does not guarantee any minimum purchase. Orders will be issued throughout the contract period on an as-needed basis.

## SERVICE CHARGES:

Regardless whether the contractor repairs equipment on-site or off-site, the state will not be liable for any charges associated with the repair of broken equipment, including, but not limited to, unhooking, disassembly, packaging, crating, repair, transportation, replacement, reassembly, or rewiring.

## PARTS:

Only parts designed for the purpose they are being used, and warranted as new, may be used in the repair of state equipment.

## COMPLETION OF SERVICE:

The service will not be complete and the equipment will not be considered serviced, repaired, or acceptable until it performs in compliance with the manufacturer's published performance specifications.

## SERVICE TECHNICIAN QUALIFICATIONS:

Bidders must provide evidence that the person performing the service work is a manufacturer's authorized service technician; or, the bidder may provide evidence that they have contracted with a manufacturer's authorized service technician to perform the service work.

Acceptable evidence of the service technician's competence may take the form of a letter or certificate, signed by an authorized officer of the manufacturer, that the service technician has been trained and authorized by the manufacturer to provide manufacturer's authorized warranty service.

 The bidder’s failure to provide the evidence mentioned above, within the time required by the state, may cause the state to consider the bid non-responsive and reject the bid.

## WORKMANSHIP & MATERIALS:

 All work must be performed in a thorough and workmanlike manner and in accordance with current industry practices. The contractor will be held responsible for the quality of the finished item. The state will reject any item that does not meet the specifications of the ITB. Rejected items will be returned to the contractor at the contractor's risk and expense.

## CONTRACT CANCELLATION:

 The state reserves the right to cancel the contract at its convenience upon 30 calendar day’s written notice to the contractor. The state is liable only for payment in accordance with the payment provisions of this contract for services or supplies provided before the effective date of termination.

# SPECIAL CONDITIONS:

## ORDER DOCUMENTS:

Except as specifically allowed under this ITB, an ordering agency will not sign any vendor contract. The State is not bound by a vendor contract signed by a person who is not specifically authorized to sign for the State under this ITB. The State of Alaska Purchase Order, Contract Award and Delivery Order are the only order documents that may be used to place orders against the contract(s) resulting from this ITB.

## BILLING INSTRUCTIONS:

Invoices must be billed to the ordering agency's address shown on the individual Purchase Order, Contract Award or Delivery Order, not to the Division of General Services. The ordering agency will make payment after it receives the merchandise or service and the invoice. Questions concerning payment must be addressed to the ordering agency.

## CONTINUING OBLIGATION OF CONTRACTOR:

Notwithstanding the expiration date of a contract resulting from this ITB, the contractor is obligated to fulfill its responsibilities until warranty, guarantee, maintenance and parts availability requirements have completely expired.

**MANDATORY CONTRACT TERMS:**

## ALASKA BUSINESS LICENSE AND OTHER REQUIRED LICENSES:

Prior to the award of a contract, a bidder must hold a valid Alaska business license. However, in order to receive the Alaska Bidder Preference and other related preferences, such as the Alaska Veteran and Alaskans with Disabilities Preference, a bidder must hold a valid Alaska business license at the time designated for bid opening. Bidders should contact the Department of Commerce, Community and Economic Development, Division of Corporations, Business, and Professional Licensing, P. O. Box 110806, Juneau, Alaska 99811-0806, for information on these licenses.

 Acceptable evidence that the bidder possesses a valid Alaska business license may consist of any one of the following:

* copy of an Alaska business license;
* certification on the bid that the bidder has a valid Alaska business license and has included the license number in the bid (see front page);
* a canceled check for the Alaska business license fee;
* a copy of the Alaska business license application with a receipt stamp from the state's occupational licensing office; or
* A sworn and notarized affidavit that the bidder has applied and paid for the Alaska business license.

You are not required to hold a valid Alaska business license at the time bids are opened if you possess one of the following licenses and are offering services or supplies under that specific line of business:

* fisheries business licenses issued by Alaska Department of Revenue or Alaska Department of Fish and Game,
* liquor licenses issued by Alaska Department of Revenue for alcohol sales only,
* insurance licenses issued by Alaska Department of Commerce, Community and Economic Development, Division of Insurance, or
* Mining licenses issued by Alaska Department of Revenue.

At the time designated for bid opening, all bidders must hold any other necessary applicable professional licenses required by Alaska Statute.

## CONTRACT PERFORMANCE LOCATION:

By signature on their bid, the bidder certifies that all services provided under this contract by the contractor and all subcontractors shall be performed in the United States.

If the bidder cannot certify that all work will be performed in the United States, the bidder must contact the procurement officer in writing to request a waiver at least 10 days prior to the deadline for receipt of bids.

The request must include a detailed description of the portion of work that will be performed outside the United States, where, by whom, and the reason the waiver is necessary.

Failure to comply with these requirements may cause the state to reject the bid as non-responsive, or cancel the contract.

## HUMAN TRAFFICKING:

By signature on their bid, the bidder certifies that the bidder is not established and headquartered or incorporated and headquartered in a country recognized as Tier 3 in the most recent United States Department of State’s Trafficking in Persons Report.

The most recent United States Department of State’s Trafficking in Persons Report can be found at the following website: <http://www.state.gov/g/tip/>

Failure to comply with this requirement will cause the state to reject the bid as non-responsive, or cancel the contract

## PAYMENT FOR STATE PURCHASES:

Payment for agreements under $500,000 for the undisputed purchase of goods or services provided to a state agency, will be made within 30 days of the receipt of a proper billing or the delivery of the goods or services to the location(s) specified in the agreement, whichever is later. A late payment is subject to 1.5% interest per month on the unpaid balance. Interest will not be paid if there is a dispute or if there is an agreement that establishes a lower interest rate or precludes the charging of interest.

## CONTRACT ADMINISTRATION:

The administration of this contract is the responsibility of State Equipment Fleet, Contracting Officer, Department of Transportation.

## SHIPPING DAMAGE:

The state will not accept or pay for damaged goods. The contractor must file all claims against the carrier(s) for damages incurred to items in transit from the point of origin to the ultimate destination. The state will provide the contractor with written notice when damaged goods are received. The state will deduct the cost of the damaged goods from the invoice prior to payment. The contractor must file all claims against the carrier(s) for reimbursement of the loss.

## INDEMNIFICATION:

The contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the contractor under this agreement. The contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. “Contractor” and “Contracting agency”, as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term “independent negligence” is negligence other than in the Contracting agency’s selection, administration, monitoring, or controlling of the contractor and in approving or accepting the contractor’s work.

## INSURANCE:

Without limiting contractor's indemnification, it is agreed that contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the contracting officer prior to beginning work and must provide for a notice of cancellation, non-renewal, or material change of conditions in accordance with policy provisions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

Proof of insurance is required for the following:

Workers' Compensation Insurance: The contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the state.

Commercial General Liability Insurance: covering all business premises and operations used by the contractor in the performance of services under this agreement with minimum coverage limits of $300,000 combined single limit per occurrence.

Commercial Automobile Liability Insurance: covering all vehicles used by the contractor in the performance of services under this agreement with minimum coverage limits of $300,000 combined single limit per occurrence.

Failure to supply satisfactory proof of insurance within the time required will cause the state to declare the bidder non-responsible and to reject the bid.

## FIRM, UNQUALIFIED AND UNCONDITIONAL OFFER:

Bidders must provide enough information with their bid to constitute a definite, firm, unqualified and unconditional offer. To be responsive a bid must constitute a definite, firm, unqualified and unconditional offer to meet all of the material terms of the ITB. Material terms are those that could affect the price, quantity, quality, or delivery. Also included as material terms are those which are clearly identified in the ITB and which, for reasons of policy, must be complied with at risk of bid rejection for non-responsiveness.

## NONDISCLOSURE AND CONFIDENTIALITY:

Contractor agrees that all confidential information shall be used only for purposes of providing the deliverables and performing the services specified herein and shall not disseminate or allow dissemination of confidential information except as provided for in this section. The contractor shall hold as confidential and will use reasonable care (including both facility physical security and electronic security) to prevent unauthorized access by, storage, disclosure, publication, dissemination to and/or use by third parties of, the confidential information. “Reasonable care” means compliance by the contractor with all applicable federal and state law, including the Social Security Act and HIPAA. The contractor must promptly notify the state in writing if it becomes aware of any storage, disclosure, loss, unauthorized access to or use of the confidential information.

Confidential information, as used herein, means any data, files, software, information or materials (whether prepared by the state or its agents or advisors) in oral, electronic, tangible or intangible form and however stored, compiled or memorialized that is classified confidential as defined by State of Alaska classification and categorization guidelines (i) provided by the state to the contractor or a contractor agent or otherwise made available to the contractor or a contractor agent in connection with this contract, or (ii) acquired, obtained or learned by the contractor or a contractor agent in the performance of this contract. Examples of confidential information include, but are not limited to: technology infrastructure, architecture, financial data, trade secrets, equipment specifications, user lists, passwords, research data, and technology data (infrastructure, architecture, operating systems, security tools, IP addresses, etc.).

If confidential information is requested to be disclosed by the contractor pursuant to a request received by a third party and such disclosure of the confidential information is required under applicable state or federal law, regulation, governmental or regulatory authority, the contractor may disclose the confidential information after providing the state with written notice of the requested disclosure ( to the extent such notice to the state is permitted by applicable law) and giving the state opportunity to review the request. If the contractor receives no objection from the state, it may release the confidential information within 30 days. Notice of the requested disclosure of confidential information by the contractor must be provided to the state within a reasonable time after the contractor’s receipt of notice of the requested disclosure and, upon request of the state, shall seek to obtain legal protection from the release of the confidential information.

The following information shall not be considered confidential information: information previously known to be public information when received from the other party; information freely available to the general public; information which now is or hereafter becomes publicly known by other than a breach of confidentiality hereof; or information which is disclosed by a party pursuant to subpoena or other legal process and which as a result becomes lawfully obtainable by the general public.

# SPECIFICATION #233

Class 8, 4x2, Cab & Chassis Truck with 36,000 Pound GVWR

## GENERAL SPECIFICATION:

It is the purpose of this specification to describe a new, and of the manufacturer’s latest current model and design, Class 8, 4X2, diesel powered, crew cab and chassis truck with a single rear axle, seating for 5 persons minimum. 36,000 pound GVWR. This cab and chassis will be used as a host unit for flatbeds and van bodies with boilers installed by the state. Boiler requires a minimum of 10 GPM of hydraulic flow at 1200 RPM.

Referenced Standards:

The unit provided is required to meet all current federal and state regulations such as, but not limited to, EPA emissions, FMVSS, and CFR.

Certain ISO, SAE, and other consensus standards may be referenced in this specification. Unless otherwise specified, the latest version of each standard is to be understood. Such standards apply to this specification whether or not they are required by statutes or administrative law.

Component Selection:

The components selected shall be rated for the maximum loading they would be subjected to in severe service. The torque rating of a driven component shall exceed the input torque. The component parts and structure of the unit shall be sized and designed to safely withstand the maximum load imposed, without failure or induction of deterioration. All units shall be constructed from current production components.

Standard Components:

All components and accessories advertised in the manufacturer’s current model year brochure and specifications as standard, unless superseded by these specifications, shall be provided with the unit.

Necessary Components:

Contractors shall provide any components, hardware, or part necessary for proper assembly, installation, and operation even though that item(s) is not specifically described in the bid specifications. This includes all fittings, couplers, brackets, adapters, etc. Bidders shall include the cost of such components, hardware, and parts in the bid price.

Application:

General purpose use: Varying terrain and weather conditions throughout the State of Alaska to - 50 ℉.

Documentation Required:

A basic manufacturer's product brochure describing the truck cab & chassis are to be provided with your bid package.

Specifications marked with an asterisk (\*) require supporting documentation in the form of a product brochure, manufacturer's technical data sheet, or a letter of clarification which indicates specifically what the bidder intends to supply in regard to said items and/or how specifications will be met. In order tohelp prevent technical errors, following each asterisked item is space that may be used to address the asterisked items. It is required that a letter of clarification or the space behind the asterisked items be used to supply the required information.

TYPICAL VEHICLES:

OEM MANUFACTURER’S of Class 8 *Freightliner* *M2-106*, provided all of the following minimum specifications are met.

## POWERTRAIN

* 1. ENGINE
		1. Must meet all federal EPA emissions standards for current model year being offered.
		2. Acceptable engine: Cummins B6.7
		3. 325HP
		4. 750 lb-ft Peak Torque
	2. Engine oil filtration to be spin-on or cartridge type.
	3. Air Intake System:
		1. Air cleaner to be heavy duty dry element type.
		2. Air intake piping to be under hood.
		3. Air cleaner system to have a restriction gauge or indicator. (air cleaner housing or interior cab dash mounted)
	4. Engine Computer Controls:
		1. Automatic idle shutdown programmed for 10 minute idle time.
		2. Automatic idle control system to have an automatic override when the PTO on the truck is being used in a stationary mode.
		3. PTO to be turned off automatically at speeds of 2-6 MPH.
		4. Max PTO engine speed: 1500 RPM.
	5. Emissions and Exhaust System:
		1. Emissions after treatment system provided must offer unobstructed clear back of cab configuration, right side frame mounted.
		2. Vertical exhaust pipe must be OEM shielded behind the rear most pillar or along entry door at a minimum to prevent burns or injury in case of accidental contact by personnel. Exhaust stack to have a curved turn out tip or flat top with weighted flap to prevent water and debris from entering system.
	6. Cooling System:
		1. Engine temperature sensing fan.
		2. Fan drive to be OEM standard for truck application.
		3. One (1) each, drain cock to be at lowest point of the cooling system. To provide maximum drainage with unit on level ground.
		4. Engine block shall require an additional drain cock if trapped coolant cannot be drained from lowest point with unit on level ground.
		5. Anti-Freeze: Delo Extended Life coolant RED, or compatible, and set to protection level of -50 ℉.
		6. Bug/rock full coverage protector screen to be securely installed behind the grill in front of radiator.

Winter front, vinyl or canvas full coverage snap fastened with center zipper installed.

* 1. Fuel System:
		1. 80 gallon capacity, DOT approved fuel tank, mounted below driver’s door, aluminum construction. To include an additional fuel pickup to supply boiler. (Dual tanks are acceptable)
		2. Fuel filter(s) to be spin-on or cartridge type.
		3. Fuel system to include a heated fuel/water separator. (Mounting location not to interfere with installation of a flatbed, van body, or hook lift system on the chassis).
		4. Fuel tank shall have a minimum of ¼ tank fuel upon delivery.
	2. Starting Aids:
		1. To be fully automatic ether system, or intake grid type heater.
			1. If automatic ether system, to include engine temperature sensor switch and be wired through the starter button.
	3. Engine Brake:
		1. Exhaust style engine brake.
		2. Controlled by a separate on/off switch.

## TRANSMISSION

* 1. Allison 3000 RDS Automatic Transmission.
		1. 6-speed minimum, newest or current generation series, automatic transmission designed for offered trucks engine horse power, torque and drive train configuration that will achieve a minimum of 20% start-ability rating.
		2. Push button shift electronic control pad or column mounted shifter.
		3. Oil level sensor.
		4. Minimum of (1) one PTO provision. To be compatible with hydraulic section 107.0.
		5. Heavy-duty transmission cooler (a system built into the radiator is acceptable).
		6. Filter, cooler, and attachments shall meet Allison transmission manufacturer's requirements.

## CHASSIS:

* 1. 4x2 Standard Crew Cab Configuration.
	2. 36,000 pounds GVWR minimum.
	3. Cab to Axle (CA): 122 inches, to fit a 16’ flatbed. Flatbed will be installed by the state.
	4. Axle to end of Frame (AF): 84”
	5. Frame:
		1. Conventional single frame rail configuration.
		2. RBM: 2,037,600 in.-lbs.
		3. Yield strength: 120,000 PSI
	6. Front Axle and Suspension:
		1. Set back front axle design.
		2. 13,000 pounds GVW capacity.
		3. Oil seals in front hubs.
		4. Heavy duty double action front axle shock absorbers.
		5. 13,300 pounds GVW minimum total capacity rating front taper leaf springs.
		6. Steering to be mechanical linkage with power assist, rated to meet or exceed GAWR.
	7. Rear Axle and Suspension:
		1. Single axle with dual rear wheel design, 23,000 pounds capacity.
		2. TRACTECH No SPIN automatic traction control.
		3. Ratio 5.63 to provide minimum 55 MPH with engine RPM at manufacturer’s recommended level for best performance.
		4. Rear suspension 23,000 pounds including required auxiliary springs.
	8. Brakes:
		1. ABS braking system required.
		2. Air compressor 18.7 CFM minimum capacity.
		3. Full air system with low pressure audible and visual warning device located in cab.
		4. Front brakes S-cam drum type 16.5x5 inch minimum.
		5. Rear brakes S- cam drum type 16.5x7 inch minimum.
		6. Slack adjusters to be automatic and handed.
		7. Heavy duty splash/dust shields required on all wheel ends.
	9. Air Dryer:
		1. Heated with replaceable desiccant filter.
	10. Air Reservoir Tanks:
		1. Primary and secondary tanks to be heavy-duty steel construction.
		2. Primary air tank to be fitted with an air supply line with a capped or plugged ¼ turn ball valve mounted on the outside of the left hand frame rail.
			1. Must be easily accessible.
			2. Must be capable of filling primary and secondary tanks.
		3. All air tanks to be equipped with manual drain petcocks. Petcock(s) or drain actuators to be easily accessible from side of truck by ground personnel (a lanyard type cord may be necessary).
	11. Wheels and Tires:
		1. All wheels and tires to be rated for the axles GAWR.
		2. Front and rear wheels to be same Hub piloted type.
		3. Front Steer Tires shall be Bridgestone 11R22.5, load range H, steer tread or all position tread, current production by typical major national brand tire manufacturers.
		4. Rear Drive Tires: Shall be Bridgestone 11R22.5, load range H, in a drive tire traction grip or all position tread design.
		5. Duals to be spaced for use with triple rail chains and shall provide a minimum two-(2) inch clearance between the inner sidewall of the dual tire and spring leaves clamps, hanger or any other obstruction which might interfere with normal operation of tire chains.
		6. Nylon type wheel separators are to be supplied between the front wheels and the hubs, between the rear wheels and hubs, and between the rear dual wheels.

## ELECTRICAL:

* 1. 12 volt negative ground system.
	2. All wiring to be OEM.
	3. Any installed accessory wiring to utilize OEM accessory harness wherever possible.
	4. Required circuit breakers for analog circuits shall be easily accessible.
	5. All digitally controlled electrical circuits shall be protected by solid state circuitry and logic.
	6. Alternator to be 12 volt, 160 amp minimum.
	7. Batteries:
		1. Minimum 1950 CCA total.
		2. Minimum of two sealed type, maintenance free batteries.
	8. Battery box to be easily accessible by ground personnel.
	9. Battery Master Disconnect Switch:
		1. Preferred mounting location would be inside cab, rear door sill area, driver's side, or lockable affixed to the battery box.
		2. e.g., COLE HERSEE #284-02, POLLAK # 51-315, or SOA approved equivalent. Cole Hersee 75950-06 is acceptable
	10. Lights:
		1. Headlights to be halogen.
		2. License plate illumination lighting and mounting bracket to be included.
		3. LED Tail, stop, and turn signals shall be fully functional and installed as to not interfere with the loading and unloading of different bodies.
	11. Body Builder Wiring:
		1. The back of cab area to include sealed connectors for stop/turn/tail/backup lights, accessory power and ground.
		2. Connectors must be sealed in waterproof junction box and use properly sized wire seals. (e.g., Truck Light 50400 junction box and Truck Light 40840-50848 fittings.)
		3. All circuits must be wired into OEM supplied trailer light circuits and be protected by OEM trailer circuit fuses.
		4. If needed, OEM wiring modules will be supplied to facilitate proper wiring.
	12. Backup Alarm:
		1. Chassis to have an OSHA approved self-adjusting sound level backup alarm installed on the rear area of chassis.

## CAB:

* 1. Conventional crew cab configuration with sloping hood to provide minimum bumper to road surface non-viewing area for maximum forward visibility.
	2. Front wheel well liners shall provide adequate protection to engine compartment, including radiator, engine components, etc., from rocks, mud, and water spray.
	3. A rear cab window is required.
	4. OEM front bumper painted or powder coated.
	5. Tilt Style Hood:
		1. Capable of staying open when tilted 45 degrees or more.
		2. Hold down ties to be flexible runner type.
	6. Cold Climate Insulation Package:
		1. To include maximum OEM standard cold climate insulation package with full headliner, doors and back panel.
		2. Floor covering to be heavy duty slip resistant rubber or vinyl with insulated backing.
	7. Seating:
		1. Total seating for five including driver, passenger, and extended cab area.
		2. Driver’s seat to be fully adjustable with air ride suspension, with a mid or high back.
		3. Passenger seat to be fully adjustable with air ride suspension, with a mid or high back.
		4. Bench seating for three with seatbelts in extended cab area.
		5. 3 point lap and shoulder belt for driver and passenger, lap belt for center seat.
		6. Seat coverings to be cloth or vinyl/knit upholstery, in a medium to dark color.
		7. Door panels (both driver and passenger sides) to have arm rests molded into door panel or OEM seat attached fold down arm rests on the outboard side of seats at a minimum.
	8. Power windows and door locks are required.
	9. Tilt and telescoping steering column is required.
	10. Dash or steering wheel mounted electronic speed/cruise control is required.
	11. To include a blue tooth AM/FM stereo with AUX input.
	12. Dash or center console to have a minimum of one (1) 12 volt plugin (lighter style) receptacle for plug in type accessories.
	13. Dual sun visors.
	14. Roof mounted dome light, door open and switch activated.
	15. OEM highest output, multi-speed adjustable heating and window defrost system.
	16. OEM air condition system.
	17. Windshield wipers: Multiple speeds with wet arm washer spray and OEM intermittent swipe feature.
	18. Rear View Mirrors (Exterior):
		1. Right (curb side) mirror to be manufacturer’s standard equipment offering that is heated and motorized for left and right adjustment at a minimum.
		2. Left (street side) mirror to be manufacturer’s standard equipment offering that is heated and motorized for left and right adjustment at a minimum.
		3. Mirrors must provide adequate visibility after mounting of a standard van body or flatbed.
	19. Look Down Mirror:
		1. To include a convex style look down mirror for the right side of truck and or a lower door look out window.
	20. Cab entry to include appropriate width and design of steps and assistance devices for a safe and proper three (3) point entry at all doors. (e.g., 4” minimum width, expanded aluminum steps, frame mounted)
	21. Horn:
		1. Horn to be under hood or roof mounted, 12 volt or air operated. If roof mounted horn must include a snow shield, under hood mounted must be installed to prevent damage or accumulation of road debris.
	22. OEM CB radio mounts and wiring. Please list all OEM options and pricing.

## INSTRUMENTATION, GAUGES, AND ACCESSORIES:

* 1. The layout of all controls, gauges, dash, and instrumentation is to be ergonomically designed within easy reach and view of driver.
	2. In addition to what has been described in the CAB section of this specification, the unit is to include a full complement of dash mounted instrumentation, gauges and accessories including, as a minimum:
		1. Electronic type engine hour meter with activation by running engine.
		2. Warning lights for low engine oil pressure and high engine coolant temperature.
		3. Gauge with warning light and audible alarm for low air system pressure.
		4. Voltmeter.
		5. Engine Oil Pressure gauge.
		6. Engine coolant temperature gauge.
		7. Transmission oil temperature gauge.
		8. Fuel gauge.
		9. Tachometer.
		10. Speedometer and odometer.
		11. All other standard instruments and equipment normally provided.
		12. Cab to have OEM switches available and labeled for: strobes, driving lights, and work lights.
		13. Cab to have a bank of four (4) up-fitter switches that can be utilized for add on accessories.
			1. Must be mounted within easy reach of operator.
			2. Must be mounted in factory switch locations, or mounted in OEM style switch bezel designed for 4-6 switches.
			3. Each switch circuit must be rated @ 20 amps minimum and be protected by individual fuses.
				1. Fuses must be mounted in a fuse panel; inline fuses not acceptable.
				2. Fuses must be protected from the environment.
				3. Up fitter switches to be labeled ACC1, ACC2, ACC3, ACC4; or SOA approved alternative. OEM supplied switch label inserts are acceptable.
	3. All switches, gauges, and controls to be clearly identified using standard industry symbols and backlit for day/night visibility.
	4. All Non-OEM switches to be Carling Contura Series-V switches with etched, backlit rocker switch actuators, or SOA approved equivalent. (e.g., <https://rockerswitchpros.com/switch-actuators/>)

## HYDRAULICS:

* 1. Hydraulic oil tank to be aluminum and a minimum of 10 gallon capacity.
	2. Hydraulic oil system shall utilize an external mounted spin on type oil filter for fluid filtration.
	3. Hoses and Fittings: All hoses and fittings to be SAE type. All components are to meet or exceed operating pressure and burst requirements.
	4. All hoses and fitting must be able to perform at temperatures to -40 degrees below zero.
	5. Maximum Operating Pressure: 2750 psi
	6. Outlet supply fittings to be capped. SOA to supply outlet hoses to attachments.
	7. Controls: Single manual lever.
		1. Must have detent to lock hydraulic flow on.
		2. Mounted left side, behind cab. Must not interfere with installation of Boiler body or flatbed.
		3. PFD-30 MUNCIE Priority flow divider to be mounted on outlet of control valve with bypass flow directed to reservoir.
	8. Hydraulic fluid flow to be 12-16 GPM @ 1200 RPM; measured at outlet of PFD-30 Priority flow divider to tank.
	9. Hydraulic Pump:
		1. Must be correctly sized to provide required GPM.
		2. (\*) Manufacturer to be MUNCIE, PARKER, or SOA approved alternative.

## MISCELLANEOUS:

* 1. Paint:
		1. Cab to be OEM white.
		2. All wheels to be painted or powder coated white.
		3. Frame to be completely primed and painted to inhibit rust.
	2. Winterization:
		1. (\*) OPTIONAL ITEM: One (1) each, immersion type 110 volt AC block coolant heater of highest appropriate wattage as provided by the OEM manufacturer.
		2. (\*) OPTIONAL ITEM: 110 volt AC power cord for engine heater and trickle charger to be plugged into a single, waterproof, 20 amp, 110 volt junction box with four (4) receptacles. The receptacle box is to include a heavy-duty, but flexible in cold weather, 110 volt AC power cord with waterproof 20 amp plug. Plug end must be located by right front bumper.
		3. (\*) OPTIONAL ITEM: SCHAUMACHER SE-1-12S-CA 1.5 Amp automatic charger. Mounted in cab.
		4. (\*) OPTIONAL ITEM: Immersion type oil pan heater, 110 volt AC. Highest appropriate wattage as provided by the OEM manufacturer.
	3. Mud Flaps: Chassis to include anti-sail mud flaps, Heavy-duty rubber, behind rear wheels that provide full coverage protection across the tires. No logo.
	4. Tow Hooks: Two (2) each front and two (2) each rear, bolted or pinned to frame. Each tow hook of sufficient strength to tow fully loaded unit.
	5. Labeling:
		1. All markings, tags, or labels will be permanent style markings (e.g., engraved, embossed, or laser etched.)
		2. No adhesive (Dymo style) labels will be permitted.
	6. Diagnostic Software:
		1. Diagnostic software must be available for purchase by SOA.
		2. Software must be capable of reading trouble codes, clearing trouble codes, updating vehicle software version, and forcing a regen cycle.
		3. (\*) OPTIONAL ITEM: List all needed software and cables to perform listed activities. Include initial purchase price and annual renew price.

# BID SCHEDULE

Item Total

# Unit Description Amount

1 ea. 36,000 GVWR Truck, Crew Cab & Chassis $86,026.00

 Year, Make & Model Offered:

 2019 Freightliner 108SD

**OPTIONAL ITEMS- PRICING REQUIRED**

8.0 Publications- Paper $350.00

8.0 Publications – Electronic Version $ 0

103.11.4 Front spare, mounted on wheel. $1,024.00

103.11.6 Rear spare, mounted on wheel. $1,024.00

105.22 CB radio mount and wiring $416.00

108.2.1 Coolant block heater $52.00

108.2.2 4-way outlet for winterization $78.00

108.2.3 Trickle charger $45.00

108.2.4 Engine oil pan heater, immersion. $113.00

108.6.3 Diagnostic software $775.00

The actual F.O.B. point for all items purchased under this contract is the final destination anywhere within the State of Alaska. Ownership of and title to the ordered items remains with the contractor until the items have been delivered at their final destination and are accepted by the State.

For pricing purposes, the F.O.B. point is dockside Seattle/Tacoma.

The cost of shipping and delivery for orders beyond the limits of Seattle/Tacoma dock will be handled as follows. The contractor will prepay the shipping and delivery charges to any destination named by the State in its order. The contractor will charge-back those shipping and delivery charges to the State as a separate line item on the State’s invoice. All shipping charges over $100 must be documented by a copy of the actual shipping invoice and received with the invoice charge to the State.

Required Delivery: Maximum 180 daysafter receipt of order (ARO).