

SUBJECT: Award of bid number 25-113B to BSI Equipment LLC for the contract amount of \$408,719.32 to Purchase a Front Loading Compact Truck.

AGENDA OF: April 1, 2025

ASSEMBLY ACTION: Adopted with Assemblymembers McKee, Fonov, and Bernier opposed. 04/01/25 - BJH

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Purchasing Officer	<div>3/19/2025</div> <div>X Rustin Krafft</div> <div>Signed by: Rustin Krafft</div>
Public Works Director	<div>RECOVERABLE SIGNATURE</div> <div>X Tom Adams, P.E.</div> <div>Signed by: Tom Adams</div>
Finance Director	<div>RECOVERABLE SIGNATURE</div> <div>X Cheyenne Heindel</div> <div>Signed by: Cheyenne Heindel</div> <div>3/20/2025</div>
Borough Attorney	<div>X Nicholas Spiropoulos</div> <div>Signed by: Nicholas Spiropoulos</div> <div>3/21/2025</div>
Borough Manager	<div>X Michael Brown</div> <div>Signed by: Mike Brown</div> <div>3/21/2025</div>
Borough Clerk	<div>X Lonnie McKeechie</div> <div>Signed by: Lonnie McKeechie</div> <div>3/21/2025</div>

ATTACHMENT (S) : Analysis Sheet (1p)
Scope of Work (6p)

SUMMARY STATEMENT: On February 11, 2025, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting bids from qualified contractors to supply a Front Loading Compact Truck. Goods purchased will support the Public Works Department in assembly district #2. The Front Loader will be used to collect Organic waste for the new compost area at Central Land Fill.

In response to the advertisement, one bid was received. Award recommendation is being made to BSI Equipment LLC as the lowest responsive and responsible bidder based on the Total Bid Amount.

The final delivery date for this item is September 1, 2025.

In accordance with MSB 3.08.170(B), Administration requests authority to modify the resulting contract completion date by 90

days for unforeseen circumstances.

RECOMMENDATION OF ADMINISTRATION: Approve the subject action memorandum.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: April 1, 2025

SUBJECT: Award of bid number 25-113B to BSI Equipment LLC for the contract amount of \$408,719.32 to Purchase a Front Loading Compact Truck.

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO
AMOUNT REQUESTED \$408,719.32	FUNDING SOURCE Landfill Capital Projects
FROM ACCOUNT # 420.000.000 4xx.xxx	PROJECT# 25007-7100-7101
TO ACCOUNT :	PROJECT #
VERIFIED BY: X <u>L i e s e l W e i l a n d</u> Signed by: L i e s e l W e i l a n d	CERTIFIED BY:
DATE:	DATE:

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL	408.7					
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other	408.7					
TOTAL	408.7					

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: _____ PHONE: _____

DEPARTMENT: _____ DATE: _____

3 / 2 0 / 2 0 2 5

X C h e y e n n e H e i n d e l

APPROVED BY: _____ DATE: _____

Signed by: C h e y e n n e H e i n d e l

BID 25-113B
SECTION III

SPECIFICATIONS/SCOPE OF WORK

1) Introduction

The Matanuska-Susitna Borough, is requesting a quote to purchase one (1) 40 CY Front Loading Compact Truck. The materials purchased and the work performed to provide this Front Loader Compacter Truck must comply with the Build America, Buy America Act.

2) Background Information

The Central Landfill (CLF) is located at 1201 N 49th State Street, Palmer AK 99645. The CLF will require that this piece of equipment will be delivered to the address above.

The Matanuska-Susitna Borough received financial support from the U.S. Environmental Protection Agency (EPA) under an assistance agreement to procure the items in this solicitation. As a result, the Build America, Buy America Act (BABA) may apply to the procurement of item(s) in this RFP. The Matanuska-Susitna Borough is requesting bidders identify whether their items can meet the criteria of BABA. A bidder that asserts the product can comply with BABA, may be asked to certify compliance, if selected. If the bidder cannot meet BABA requirements, the Matanuska-Susitna Borough requests the bidder provide information as to what it would take to comply and the associated costs. Information about compliance with BABA can be found at <https://www.ecfr.gov>.

3) Scope of Work

A. Provide one (1) 10CY Front Loader Compacter Truck, this will consist of a front loader refuse body installed on a truck cab-over chassis that meets the following:

1. Lifting Options

- i. Arm Lifting capacity of 8,000 lbs.
- ii. Deceleration valve on arms up movement
- iii. Canopy sweeper
- iv. Fork Thickness of 1.5 inches

2. Hopper Options

- i. Chromium carbide packer shoes and rails

3. Consoles & Controls options

- i. Pneumatic control with single joystick (arms & forks)
- ii. Packer control on joystick

4. Hydraulic options

- i. Alarms for low hydraulic oil level & high hydraulic oil temperature
- ii. Automatic pump shutoff at 32 mph
- iii. Nylon protective sleeves on all hydraulic hoses (Body & Chassis)
- iv. Hydraulic oil heater in tank (electric 110V) -Electric inlet on cab
- v. Front pump top cover
- vi. Greaseless U-joints pump drive shaft instead of STD
- vii. Single pump Muncie pack (Front)
- viii. Hydraulic tank mounted on chassis
- ix. Body valve of body streetside wall
- x. Electric over hydraulic body main valve
- xi. Hydraulic requirements waste management

5. Accessories options
 - i. Sliding access door (ILO hinges)
 - ii. Broom and shovel behind packer
 - iii. Tailgate drip pan
 - iv. Fire Extinguisher 20 lbs. (1) on rubtail streetside (rear) vertical
 - v. Hopper clean out sump with door streetside
 - vi. Spill kit on rubtail curbside (center)
 - vii. Standard tailgate
6. Lighting options
 - i. S/T/T lights Truck-lite super 44(42 diodes) & Backup lights Truck-Lite super 44 dome (54 diodes)
 - ii. Lights on Tg. : 2/3 Lightbar + Central Brake light + multifunction's lights (4) (X pattern)
 - iii. Backup lights on tailgate 2/3 centered – LED (2) – Truck-Lite #8150
 - iv. Automatic strobe lights activation ignition
7. Electronics options
 - i. Quadruple Renegade Cameras (4) with heater/without shutter or equal
 1. Tailgate center 2/3 – pointing back
 2. Hopper street – pointing curbside
 3. Tailgate center 2/3 – pointing streetside alley
 4. Tailgate center 2/3 – pointing curbside alley
 - ii. Renegade 9" color monitor on ceiling, centered near the windshield (if possible) or equal
 - iii. Monitor mounting brackets for refuse body standard installation
 - iv. Hour Meter – hydraulic
 - v. Throttle advance control
 - vi. 12B body electrical system
8. Service & Maintenance
 - i. Ground level grease points for packer cylinders – body front wall side (centralized)
 - ii. Ground level grease points for packer cylinders – packer side (centralized)
 - iii. Body latches with clamps instead of bolts
 - iv. Additional tailgate safety prop (total of 2)
9. Structural options
 - i. Additional continuous welding on body
10. Unit appearance options
 - i. Urethane body paint
 - ii. One (1) coat of urethane primer
 - iii. CAUTION, 74-1/2 x 23-1/2 (Black on Yellow)
 - iv. Rubber mud guards – rear or rear axle
 - v. Informative decals English
11. Nonstandard options
 - i. Work light, hopper, one side, single, LED, clear, 4-inch round, swivel mount, Truck-lite 8150 or equal
 - ii. Work light, LH mirror facing hopper, LED, clear, 4-inch round, swivel mount, Truck-lite 8150 or equal
 - iii. Work light, behind packer work lamp, LED, clear, 4-inch round, swivel mount, Truck-lite 8150 or equal
 - iv. Back up lights, mid-body rubrails, LED, clear, 4-inch round, swivel mount, two (2) Ea., Truck-lite 8150 or equal
12. Paint Color will be a Rustoleum, color #2 208120 Forest Green paint, or equal

- B. A lift-equipped truck or tractor which hauls recycle materials, brush and refuse, includes roll-on/roll-off container movement, that front loads into the body and a hydraulic ram pushes the load out of the body.
1. Frame and Equipment
 - i. 10-3/4 Steel rails 306-342". Yield strength" 120,000 psi. Section modulus: 17.8 cubic inches weight 1.74 lbs./inch pair
 - ii. Full steel inner liner
 - iii. Zinc coated anti corrosion treated frame rails
 - iv. FEPTO provision 9-inch bumper extensions – Includes 1350 series front drive PTO attachment provision, radiator with PTO cut-out in grille, radiator protection sleeve, and bumper extension
 - v. Frame components bolted IPO huck fastened
 - vi. EOF square with steel crossmember
 2. Front Axle Equipment
 - i. 20,000 lbs. 3.5-inch drop axle alignment to improve handling & reduce tire wear. Zerk fitting on tie rod ends, king pins, & draglink ball joints for ease of maintenance.
 - ii. Taper leaf springs, shocks 23,000 lbs.
 - iii. Power steering Sheppard M100 dual gear of equal
 - iv. PHP10 Iron Preset PLUS hubs – air disc or equal
 - v. Severe service disc brake rotors
 - vi. Dana Spicer 5" drop IPO 3.5" Front Axle or equal
 - vii. Dana Spicer wide track IPO or equal
 - viii. Bendix air disc front brakes
 - ix. Auto chains
 3. Rear Axle & Equipment
 - i. Meritor RT46-160 46,000 lb. 1526130 code or equal
 - ii. PHP10 Iron preset + hubs – air disc or equal
 - iii. Severe service disc brake rotor
 - iv. Pad dust shields for air disc brakes
 - v. Differential lock both axles
 - vi. Separate dash controls, Cont. Trac full lock
 - vii. Lube pump, drive axles
 - viii. SBM valve for emergency braking
 - ix. Anti-lock braking system (ABS)
 - x. Synthetic axle lubricant all axles
 - xi. Air disc brakes, tandem drive axle, with automatic slack adjusters
 - xii. Hendrickson HMX EX 460 460,000 lbs. 54 Haulmaax, 70K creep rating or equal
 - xiii. Shock absorbers for HMX EC suspension or equal
 - xiv. Auto
 4. Engine & Equipment
 - i. Paccar MX-11 or equal
 - ii. EMUX electronic architecture or equal
 - iii. Engine Idle shutdown timer disabled
 - iv. Effective VSL setting NA
 - v. Typical operating speed 60 MPH
 - vi. MX retarder state cruise control on
 - vii. Powertrain optimizer for performance
 - viii. PTO mode control – cab station
 - ix. Engine monitoring protection
 - x. EPA emission warranty
 - xi. EPA Engine idling compliance

- xii. PACCAR 160-amp alternator, brushed or equal
 - xiii. Immersion type block heater 110-120V
 - xiv. PACCAR premium starter – MX engines only or equal
 - xv. 3 PACCAR premium 12 V dual purpose Batteries with double aught (00) cables or equal
 - xvi. Kissing 300 Amp battery disconnect switch or equal
 - xvii. 2 speed fan clutch
 - xviii. WABCO 25.9 CFM air compressor
 - xix. Compression brake
 - xx. Fuel/Water separator on engine
 - xxi. High efficiency cooling system
 - xxii. Bug Screen
 - xxiii. Stainless steel grille
 - xxiv. Heavy duty air cleaner
 - xxv. Pre-cleaner ECG
 - xxvi. Exhaust vertical LH DPF/SCR
 - xxvii. Curved tip standpipe(s)
 - xxviii. 24" height, 5" diameter chrome, clear coat standpipe(s)
5. Transmission & Equipment
- i. Allison 4000RDS-P Gen 6 Transmission or equal
 - ii. 1810 HD Driveline, 1 midship bearing 4.5-inch x 1.180 wall tubing
 - iii. 1710 Driveline interaxle
 - iv. Allison RDS, Pkg 170 or equal
 - v. TC-571 Torque Converter or equal
 - vi. Main transmission rear support
 - vii. Allison shifts selector transition Input D
 - viii. Console Mounted push button shifter
 - ix. Auto Neutral AK, Allison HD/RDS or equal
 - x. Neutral indicator for PTO – so PTO engagement is only permitted in neutral
6. Air & Trailer Equipment
- i. Bendix Ad-HP EP air dryer, heater coalescing filter with extended purge or equal
 - ii. Pull cords on all air tanks
 - iii. Wire braid brake hoses
 - iv. Nylon chassis hose
 - v. Painted air tanks
 - vi. Route AE lines to allow welding of sub frame
7. Tires & Wheels
- i. Front tires to be 20 ply 435/65R22.5 XZY3 or equal
 - ii. Rear tires to be 16 ply 11R24.5 G182 RSD or equal
 - iii. Rims for front tire Alcoa 823628 22.5x12.5 high polish or equal
 - iv. Rims for rear tires Alcoa 985657 24.5x8.25 high polish or equal\
8. Fuel tanks
- i. 26" Aluminum 80-gallon fuel tank RH BOC
 - ii. Polish all fuel/hydraulic tank straps
 - iii. 7.3-gallon DEF tank mounted LH BOC
 - iv. PACCAR MMX engine fuel cooler or equal
9. Battery Box & Bumper
- i. Steel space saver battery box LH back of cab
 - ii. Rubber battery pad
10. Cab & Equipment
- i. 53" Cab
 - ii. Thermal insulation package for cab

- iii. 4.5" rubber flares on cab and wheel well fenders
- iv. Air ride seats driver and passenger
- v. Adjustable steering wheel column
- vi. Diamond plate floor covering
- vii. Exterior cab entry grab handle
- viii. Heater/air conditioner
- ix. 2 defroster fans on rear header
- x. Mirrors SSTL Each side heated and motorized
- xi. 2 Convex 8 inch SSTL mirrors mounted under mirror bracket
- xii. Air horn
- xiii. AM/FM radio with Bluetooth and USB port
- xiv. Cab tilt pump air assist
- xv. Front cab guard
- xvi. Rain gutters over driver and passenger doors
- xvii. Triangle Reflector kit
- xviii. Fire extinguisher cab mounted
- xix. Backup alarm/Transmission oil temp
- xx. Air restriction indicator
- xxi. Warning light battery disconnected; switch engaged marker light external mounted
- xxii. Four (4) additional electric switches
- xxiii. Main 7" display Instrumental panel including:
 - 1. Speedometer
 - 2. Tachometer
 - 3. Oil Pressure
 - 4. Cool temperature
 - 5. Fuel Level
 - 6. DEF Level
 - 7. DPF Filter status
 - 8. Fuel economy
 - 9. Volts telltale
 - 10. OAT
 - 11. Primary air pressure
 - 12. Secondary air pressure for air brakes
- xxiv. Single LED headlights
- xxv. Five (5) LED clearance and two (2) LED marker lights
- xxvi. Self-canceling turn signals
- xxvii. One (1) F/O load light, switch, 10' wire coil
- 11. Paint Color
 - i. Cab hood, sides and roof – White
 - ii. Frame and bumper – Black

- C. The bidder must have an Authorized warranty and service dealer within 60 miles of the Matsu Central Landfill that has the required licenses, facilities, and factory certified and trained personnel necessary to preform the warranty, and routine services and repair work for the refuse body and truck chassis.
 - 1. Provide name and address for each authorized warranty and service dealer
 - 2. Provide a contact name and address for each authorized warranty and service administrator
 - 3. Provide documentation of factory-certified and trained personnel for truck chassis and refuse body.
 - 4. The borough reserves the right to inspect the warranty and service facility and diagnostic equipment before issuing the contract.
 - 5. The unit shall be new and unused, there must be a minimum of then (10) North American customers and a minimum of ten (10) units of the same rated capacity and configuration in the

field for a minimum of two (2) years, and five (5) units of the same manufacturer and model as being offered in service in Alaska.

4) Central Landfill Responsibilities

- A. Provide access to Central Landfill
- B. Provide equipment and/or operator to unload units from vehicle.

5) Contracts Responsibilities

- A. Be familiar with all job requirements, prior to submission of bid, changes or substitutions will not be accepted thereafter.
- B. Ensure that work is done in strict compliance with all applicable legal and Matanuska Susitna Borough Code requirements
- C. Ensure that all applicable safety measures are enforced in connection with the work.
- D. Inform PM of any setbacks or other issues as soon as possible.
- E. Provide Front Loader Compact Truck within 180 days of signing contract.

6) Warranty

The truck chassis is to have a five (5) year/400,000-mile full warranty coverage, accompanied by a one (1) year standard warranty on the front loader refuse body, hydraulics and cylinders, with an additional 24 months extended warranty for the hydraulic and cylinders. Primary vendor is responsible for all warranty work including transportation to secondary site location(s) for all component(s) repair.

7) Delivery

Delivery shall be on or before June 30th, 2025. Delivery shall be to the Matanuska-Susitna Borough, Central Landfill, located at 1201 N. 49th State Street, Palmer, AK 99645. Final Payment will be made on approval and acceptance of Front-loading Compact Truck. Shipping shall be included in the price.



MATANUSKA-SUSITNA BOROUGH PURCHASING DIVISION

BID OPENING PRELIMINARY RESULTS

25-113B Purchase Front Loading Compact Truck

BIDDER		BSI Equipment LLC			
Signed Bid Form		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
BID ITEM	DESCRIPTION	BID AMOUNT	BID AMOUNT	BID AMOUNT	BID AMOUNT
1.	Total Bid Amount	\$ 408,719.32	\$	\$	\$
BIDDER					
Signed Bid Form		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
BID ITEM	DESCRIPTION	BID AMOUNT	BID AMOUNT	BID AMOUNT	BID AMOUNT
1.	Total Bid Amount	\$	\$	\$	\$

RECOMMENDATION: ALL BIDS ARE TAKEN UNDER ADVISEMENT

Tuesday, February 11, 2025
DATE

PURCHASING OFFICER

Gina B
PURCHASING REPRESENTATIVE

Sarah H
PROJECT MANAGER/WITNESS