

IFB Bidder's Checklist

- ☒ Downloaded and completed Specs & Special Provisions
- ☒ Shipping and Tax has been quoted (if applicable)
- ☒ HCE Compliant for quotes \$2,500 and above in accordance with Hawaii Revised Statutes 103D-310(C). If not already registered or compliant, bidder is actively addressing this issue to be considered for award at time of bid closing.
- ☒ If quoting an alternate product, a product data sheet is uploaded with quote (if applicable)
- ☒ Included a copy of any/all existing warranty information (if applicable)
- ☒ Licensed to convey and sell motor vehicles in accordance with all State and County laws and regulations (if applicable)

Signature Page

The undersigned has carefully read and understands the terms and conditions specified in the Specifications and Special Provisions attached hereto, by reference made a part hereof and available upon request; and hereby submits the following offer to perform the work specified herein, all in accordance with the true intent and meaning thereof. The undersigned further understands and agrees that by submitting this offer, 1) he/she is declaring his/her offer is not in violation of Chapter 84, Hawaii Revised Statutes, concerning prohibited State contracts, and 2) he/she is certifying that the price(s) submitted was (were) independently arrived at without collusion. This proposal is in all respects fair and is made without collusion on the part of any person, firm, or corporation, and no official or employee of the government has any illegal interest in the offer or any portion of the profits thereof.

The undersigned represents: **(Check ☒ one only)**

- ☐ A **Hawaii business** incorporated or organized under the laws of the State of Hawaii; **OR**
☒ A **Compliant Non-Hawaii business** not incorporated or organized under the laws of the State of Hawaii but registered at the State of Hawaii Department of Commerce and Consumer Affairs Business Registration Division to do business in the State of Hawaii.

State of incorporation: Delaware

Offeror is:

- ☐ Sole Proprietor ☐ Partnership ☐ Corporation ☐ Joint Venture
☒ Other Limited Liability Company

Federal I.D. No.: 46-3670559 Hawaii GET License I.D. No.: 143-848-2432-01

(If providing social security number, please seal information in separate envelope.)

Business address: 91-554 Komohana St.

City, State, Zip Code: Kapolei, HI 96707

State of Hawaii Motor Vehicle Dealer Number MVD-1030, if applicable.

Name of Company contact and address to which correspondence should be sent:

Name of individual: Taylor Waltrip

Address: 91-554 Komohana St.
Kapolei, HI 96707

Telephone No.: 808-348-8202

Fax No.: 808-682-8005

E-mail Address: taylor.waltrip@intl-hi.com

Respectfully submitted:

(x) Jan Fernie
Authorized Signature

Jan Fernie President and General Manager
Name and Title (Please Type or Print)

*International Trucks of Hawaii LLC,
Exact Legal Name of Company (Offeror)
under which the awarded contract will be executed.



**NOTICE TO BIDDERS
(Chapter 103D, HRS)
Invitation for Bids (IFB)**

**NOTICE IS HEREBY GIVEN THAT PURSUANT TO CHAPTER 103D, HAWAI'I
REVISED STATUTES, AS AMENDED, THE COUNTY OF HAWAI'I IS REQUESTING
BIDS FOR THE FOLLOWING:**

ADVERTISED DATE: 03/20/2024

Invitation for Bids (IFB) Title: **FURNISHING AND DELIVERING HEAVY
EQUIPMENT TO THE COUNTY OF HAWAI'I**

IFB Number: **4567**

Offer Due Date: **April 17, 2024 at 2:00pm HST**

County
Department(s)/Division(s): **Department of Public Works, Highways
Division, County of Hawai'i**

**VARIOUS HEAVY EQUIPMENT FOR THE DEPARTMENT OF PUBLIC WORKS,
HIGHWAYS DIVISION, COUNTY OF HAWAI'I**

**Before submitting a bid, the Offeror shall be responsible for reading and
examining the Solicitation and/or proposal documents, including any offer pages,
scope of work, special provisions, exhibits, General Terms and Conditions,
addenda (if any), and any other sections or documents attached hereto, and all
applicable requirements by law. Submission of an offer shall be deemed
verification of such reading and examination.**

**No Offeror shall, in any way, be relieved of any obligation with respect to its offer
or the contract due to its failure or neglect to secure, receive, examine, familiarize
itself with, acquaint itself with, or understand the work requirements, the
Solicitation and/or proposal documents, or any addenda hereto, applicable
standards or requirements, or existing conditions, difficulties, restrictions or
obstacles. No claim for additional compensation to the Offeror shall be allowed
based on lack of knowledge or misunderstanding.**

Pre-Bid Conference: [N/A](#)



NOTICE TO BIDDERS (Chapter 103D, HRS) Invitation for Bids (IFB)

DATES TO ADVERTISE

**State of Hawai'i – Hawai'i Awards & Notices Data System (HANDS)
March 20, 2024**

ADVERTISEMENT FOR INVITATION FOR BIDS (IFB)

Sealed tenders will be received electronically on the Public Purchase System and publicly opened on **April 17, 2024**, at 2:00 pm in the Office of the Purchasing Division, Department of Finance, County of Hawai'i, 25 Aupuni Street, Hilo, Hawai'i, for:

IFB 4567

FURNISHING AND DELIVERING HEAVY EQUIPMENT TO THE COUNTY OF HAWAI'I

Upon application, forms of proposal and specifications may be obtained from the above-named office, through the Public Purchase System (www.publicpurchase.com), an e-procurement system. Any request for approval to substitute any item or take exception to any specification, special provision or general condition, or clarification must be received through the Public Purchase System on or before **April 03, 2024**. All potential offerors are advised that the County of Hawai'i reserves the right to reject any offer or proposal that does not follow these instructions.

DIANE NAKAGAWA
DIRECTOR OF FINANCE

DEFINITION OF WORDS AND TERMS APPLICABLE TO SOLICITATION

Words and terms shall be given their ordinary and usual meanings. Where used in the Contract documents, the following words and terms shall have the meanings indicated. The meanings shall be applicable to the singular, plural, masculine, feminine and neuter of the words and terms.

Addendum/Addenda: A written document issued during the solicitation period involving changes to the solicitation documents, which shall be considered and made a part of the solicitation documents and resulting contract.

Contractor: An individual, partnership, firm, corporation, joint venture or other legal entity undertaking the execution of work under the terms of the contract with the County of Hawai'i, and acting directly or through his, their or its agents, employees or subcontractors.

Days: Calendar days, unless otherwise specified.

General Terms and Conditions: The County of Hawai'i Department of Finance's General Terms and Conditions for Goods and Services, dated May 10, 2023.

HAR: Hawai'i Administrative Rules, as amended.

HRS: Hawai'i Revised Statutes, as amended.

IFB: Invitation for bid, used in the competitive sealed bidding process.

Offeror: Offeror means (1) any individual, partnership, firm, corporation, joint venture or other legal entity submitting, directly or through a duly authorized representative or agent, an offer or proposal for the work or services contemplated in response to a solicitation; or (2) the contractor in a negotiated contract. The term also includes "bidder(s)" or "(Bidder(s))".

Solicitation: An invitation for bids (IFB), used in the competitive sealed bidding process, or a request for quotations, or any other document issued by the County for the purpose of soliciting bids or proposals to perform a County of Hawai'i contract.

Special Provisions: The terms and conditions pertaining to the specific solicitation in which they are contained; including but not limited to terms and conditions describing the preparation of solicitations, evaluation of offers, determination of award, plus those applicable to performance by the contractor. Additions or revisions to the general terms and conditions, which shall be considered a part of the general terms and conditions, setting forth conditions or requirements applicable to the particular project or contract under consideration shall be included in the special provisions. Should any special provisions conflict with these general terms and conditions, said special provisions shall govern.

Specifications: Any description of the physical or functional characteristics, or of the nature of a good, service, or construction item. The term includes descriptions or any requirement for inspecting, testing, or preparing a good, service, or construction item for delivery.

SOLICITATION

1.1 Solicitation Forms

Prospective Offerors may be furnished with solicitation forms which may include but not be limited to a statement of work, the location, description and the contract time of the contemplated work, the various quantities being requested, estimated and/or firm, and items of work to be performed or materials to be furnished, along with a schedule of items for which unit prices and/or lump sum prices are asked, depending on the type of solicitation, e.g. invitation for bids or request for proposals.

The General Terms and Conditions, Proposal, Specifications, Special Provisions and other documents referenced in or attached to the Solicitation shall be considered a part of the offer whether attached to the Solicitation or not at the time of its submission. Such documents shall not be altered in any way when the proposal is submitted, and any alterations so made by the Offeror may be cause for rejection of the offer.

1.2 Offer Submission

All offers shall be electronically submitted via the Public Purchase System, in accordance with the requirements of this Solicitation. Offers transmitted via any other means other than as specified in the solicitation shall be deemed unacceptable and shall be rejected. Offers that cannot transmit successfully as a result of system failure on the County's behalf shall be addressed via the issuance of an appropriate addendum.

1.3 County's Estimates

Any estimate provided by the County is for the convenience of the Offeror only, and the County does not represent or warrant its accuracy. An Offeror should conduct its own review and analysis and not base its offer on the County's estimate, unless otherwise specified.

1.4 Offer/Bid Guaranty

☒ An offer security deposit or bond is not required for this IFB.

1.5 Pre-Bid Conference

☒ A pre-bid conference will not be held.

1.6 General Terms and Conditions

The County's General Terms and Conditions for Goods and Services, dated May 10, 2023 ("General Terms and Conditions"), is incorporated herein by reference. **Offers submitted with any alterations to the County's General Terms and Conditions so made by the Offeror without prior approval by the County may be sufficient cause for rejection of the offer.**

1.7 Requests for Substitutes, Exceptions, or Clarifications of the IFB

Any prospective Offeror should examine and review the Solicitation document in detail. Any request for approval to substitute any item or take exception to any specification, Special Provision, general term or condition, or clarification must be received through the Public Purchase System on or before the date set forth in the Notice to Bidders.

The Offeror submitting the inquiry shall be responsible for proper transmission. If additional information is deemed necessary, such information will be issued in an Addendum by the head of the purchasing agency. The Addendum will be issued via the Public Purchase System to all persons who have properly registered and obtained the Solicitation. All Addenda issued shall be a part of the Contract.

1.8 Solicitation Addenda

All Addenda issued shall be a part of the Contract. Oral interpretations or clarifications, changes or approved substitutions will be without legal effect. Only interpretations or clarifications, changes or approved substitutions provided by formal written Addendum to the Solicitation shall be binding and have legal effect. Notifications of Addenda will be issued to all registered vendors under the Public Purchase System.

1.9 Cancellation of Solicitation

A Solicitation may be canceled in whole or in part and at any time during the Solicitation process for reasons specified in, but not limited to, § 3-122-96, HAR.

1.10 Schedule

Day/Month/Year	Event
<u>March 20, 2024</u>	Public announcement of IFB
<u>April 03, 2024</u>	Pre-bid questions due, in writing
<u>N/A</u>	Pre-bid conference (time/location), if applicable
<u>April 17, 2024</u>	Bids due
<u>On Date of Notice to Proceed</u>	*Execute Contract

*NOTE: Events preceded by an asterisk are estimated dates. Estimated dates are for information only. **These Schedule dates may be changed via Addenda to the Solicitation, if appropriate.**

1.11 Examination of Bid and Contract Documents

The submission of a bid shall constitute an acknowledgement upon which the County may rely that the Offeror has thoroughly examined, and is familiar with, all requirements and documents in accordance with the Solicitation, including any addenda and has reviewed and inspected all applicable statutes, regulations, and ordinances addressing or relating to the Solicitation and/or offer documents, including any offer pages, scope of work, Special Provisions, exhibits, General Terms and Conditions, Addenda (if any), and any other sections or documents attached to the Solicitation, and all applicable requirements by law. Submission of an offer shall be deemed verification of such reading and examination. No Offeror shall, in any way, be relieved of any obligation with respect to its offer or the contract due to its failure or neglect to secure, receive, examine, familiarize itself with, acquaint itself with, or understand the work requirements, the Solicitation and/or proposal documents, or any addenda hereto, applicable standards or requirements, or existing conditions, difficulties, restrictions or obstacles. No claim for additional compensation to the Offeror shall be allowed based on lack of knowledge or misunderstanding.

1.12 Competency of Offeror

Prospective Offerors must be capable of performing the work for which offers are being called. Either before or after the deadline for an offer, the purchasing agency may require Offeror to submit answers to questions regarding facilities, equipment, experience, personnel, financial status or any other factors relating to his ability to furnish satisfactorily the goods or services being solicited by the County. Any such inquiries shall be made and replied to in writing; replies shall be submitted over

the signatures of the person who signs the offer. Any Offeror who refuses to answer such inquiries may be considered a non-responsible Offeror.

1.13 Brochures, Specifications, and Questionnaires

Prospective Offerors are directed to the Specifications for the requirements related to any brochures, specifications, and questionnaires that must be submitted with its offer.

1.14 Proprietary or Confidential Information (Redactions)

When submitting its offer, **one (1) redacted copy of the offer shall be provided at the same time the offer is submitted via the Public Purchase System.** In the redacted copy, Offerors shall properly redact any proprietary or confidential information. Any information redacted as confidential will remain confidential to the extent provided by law. Offers submitted to the County shall become the property of the County. Failure to redact proprietary and confidential information will result in the information being available for public inspection. **The County shall not be liable for the public disclosure of any proprietary or confidential information that the Offeror did not redact, or properly redact.**

1.15 Licenses

☒ The prospective Offeror shall possess the following license(s) for this IFB: **Licensed to convey and sell motor vehicles in accordance with all State and County laws and regulations** If required by the Proposal, Specifications, or Special Provisions, all prospective Offerors shall provide adequate documentation of proper licensing, which shall be submitted at the time proposals are due. Failure to include the proper and adequate documentation of licensing may result in a rejection of the offer.

1.16 Insurance/Certificates of Insurance

☒ No insurance or certificate is required for this IFB.

1.17 Additional Contract Provisions Required by Federal Law

☒ No federal funds will be used for this procurement.

1.18 [Reserved]

IFB 4567
FURNISHING AND DELIVERING HEAVY EQUIPMENT
TO THE COUNTY OF HAWAI'I

Director of Finance
County of Hawai'i
Hilo, Hawai'i

Dear Sir/Madam:

The undersigned hereby proposes to furnish and deliver the following goods or services: **Furnish And Deliver Various Heavy Equipment to the Department of Public Works, Highways Division, County of Hawai'i, at the Automotive Equipment Division, 630 East Lanikaula Street, Hilo, Hawaii, Hawai'i**, complete as specified, all in strict compliance with the Specifications and Special Provisions attached hereto and General Terms and Conditions for Goods and Services dated May 10, 2023, made a part hereof.

It is understood and agreed that the goods and/or services to be furnished are for the exclusive use of the County of Hawai'i and are therefore exempt from Federal Excise Taxes and that the net bid price excludes such Federal Excise Tax. **Please note that effective January 1, 2020, the maximum General Excise Tax rate that may be charged of Hawai'i County is 4.7120%. The County of Hawai'i is exempt from the City and County of Honolulu, 0.5% General Excise Tax Surcharge.**

The undersigned further agrees that he has carefully read and understands the Proposal for this contract and that the Director of Finance, County of Hawai'i, reserves the right to accept or reject any and/or all bids or proposals, or accept other than the low bid, if in his/her judgment, by so doing, it will be for the best interest of the public and the County of Hawai'i.

All successful Offerors, for any single item exceeding \$2,500.00, will be required to furnish proof of compliance with the requirements of § 3-122-112, Hawai'i Administrative Rules (see **Special Provisions No. 18**).

Upon acceptance and award of this Proposal by the Director of Finance, the undersigned hereby agrees to enter into and execute the Contract as required by law within ten (10) calendar days after the award.

Item 1: Furnish and deliver One (1) ONLY, SIX PASSENGER DUMP TRUCK WITH LIFT GATE, complete as specified, for the Department of Public Works, Highways Division (Req# pwhy.00820)

Make International Model CV Year 2025

Delivery within 365 days of Notice to Proceed.

Warranty on all parts and labor of 1,095 calendar days or 36,000

miles/hours, whichever comes first.

Item 2: Furnish and deliver ONE (1) ONLY, SMALL GRADER, complete as specified, for the Department of Public Works, Highways Division (Req# pwhy.00824)

Make No bid Model _____ Year _____

Delivery within _____ days of Notice to Proceed.

Warranty on all parts and labor of _____ calendar days or _____

miles/hours, whichever comes first.

Item 3: Furnish and deliver THREE (3) EACH, DINGO SKID STEER, complete as specified, for the Department of Public Works, Highways Division (Req# pwhy.00825)

Make No bid Model _____ Year _____

Delivery within _____ days of Notice to Proceed.

Warranty on all parts and labor of _____ calendar days or _____

miles/hours, whichever comes first.

Item 4: Furnish and deliver ONE (1) ONLY, SMALL RUBBISH TRUCK, complete as specified, for the Department of Public Works, Highways Division (Req# pwhy.00826)

Make Curbtender Model CV Quantum Year 2025

Delivery within 365 days of Notice to Proceed.

Warranty on all parts and labor of 1,095 calendar days or 36,000

miles/hours, whichever comes first.

Item 5: Furnish and deliver TWO (2) EACH, 4X4 WATER TANK TRUCK, complete as specified, for the Department of Public Works, Highways Division (Req# pwhy.00828)

Make No bid Model _____ Year _____

Delivery within _____ days of Notice to Proceed.

Warranty on all parts and labor of _____ calendar days or _____

miles/hours, whichever comes first.

Item 6: Furnish and deliver ONE (1) ONLY, STREET VACUUM SWEEPER, complete as specified, for the Department of Public Works, Highways Division (Req# pwhy.00828)

Make Elgin Model Regen X Year 2025

Delivery within 365 days of Notice to Proceed.

Warranty on all parts and labor of 365 calendar days or N/A

miles/hours, whichever comes first.

MAINTENANCE/SERVICE: All bidders must supply name and location of service facility located on the Island of Hawai'i which will be responsible for repairing/replacing warranty items and providing service, replacement parts and maintenance if required:

Name _____ of
Facility DMS Diesel Repair LLC

Address 24 Railroad Ave, Hilo, HI 96720

Name of Manager Derek Cabarloc Telephone 808-960-2707

Number of Bays 4 Number of full-time mechanics 5

SPECIFICATIONS

GENERAL

All vehicles shall be latest model year, bidder shall indicate which production year shall be provided for each item proposed. All vehicles shall be new (not "demonstrators") and complete meeting these detailed specifications as well as all legal requirements and the manufacturer's catalog descriptions. All vehicles shall be aesthetically pleasing in design, with attention to workmanship and details. Also of concern will be the ease of boarding, passenger comfort, visibility and safety to driver and passengers. Workmanship throughout each vehicle and/or accessory shall conform to the highest standard of commercially accepted practice. Each unit shall be relatively smooth and free of burrs and other projections and shall be neatly finished. Replacement parts shall be readily available at a convenient source. **CATALOG/BROCHURE SHALL ACCOMPANY BID.** County will allow a maximum of **365 calendar days for delivery** of items; bids which indicate longer delivery schedules may be rejected. Vehicles, trailers and accessories shall be completely assembled, serviced and in good running order and shall be properly registered with the Department of Finance Motor Vehicle Registration Office prior to delivery.

ACCESSORIES: Any and all items of equipment, components and accessories as listed on manufacturer's specifications and/or brochures as standard items of equipment, whether stated herein or not, shall be included. All vehicles and accessories shall fully comply with all Federal, State and OSHA regulations and requirements.

MANUALS: Each vehicle shall be delivered with one (1) set of the appropriate owner's, repair, and parts manuals, describing basic operating instructions, location of controls, recommended maintenance, parts, etc., unless additional sets are needed and stated in individual item specifications. CD, DVD or Electronic downloadable versions are preferred over printed versions, if available.

DELIVERY: Delivery for ALL vehicles, unless otherwise noted, shall be made to Automotive Equipment Division, 630 East Lanikaula Street, Hilo, Hawaii. **Registration certificates shall be mounted in an appropriate holder on left side sun visor.** **ALL** vehicles must be delivered with a **FULL** tank of fuel. Rain guard vent shades are to be provided on all applicable doors.

WARRANTY: In all cases, no less than manufacturer's standard warranty shall be offered. Contractor shall personally handle all warranty items, including, if necessary, pick-up of an inoperable vehicle and return at its established work location. Time spent out-of-service will be added to the warranty period established on a day-for-day basis. Extended warranties, beyond manufacturer's standard warranty, that must be paid for will NOT be considered in evaluation.

PARTS AVAILABILITY: During the warranty period replacement parts for all vehicles shall be made available within five (5) working days. Unless clearly beyond the contractor's control, any parts requirements not fulfilled within that time will cause liquidated damages to be applied per the schedule in paragraph 24 of Special Provisions, based on the full contract price of the vehicle which the County is unable to use due to unavailability of parts. The Contractor may furnish an equivalent vehicle as a "loaner" to avoid these liquidated damages.



Corporate Resolution

August 15, 2023

I, the undersigned Director for International Trucks of Hawaii, LLC dba IT Hawaii, LLC (“Limited Liability Corporation”), hereby certify that the LLC is organized and existing under and by virtue of the laws of the State of Delaware as a LLC for profit, with its principal office at 17 Lusitano, Trabuco Canyon, CA 92679.

I certify on August 15, 2023 the following resolution was adopted:

RESOLVED, that the following persons are authorized to sign contracts for goods and/or services between International Trucks of Hawaii, LLC dba IT Hawaii, LLC, and all state, local government agencies of the State of Hawaii:

Authorized persons to sign contracts:

Mark A. Yragui
Ian Fernie
Justin DeGraff

The following is the Director for International Trucks of Hawaii, LLC dba IT Hawaii, LLC and has duly given approval to the resolution above.

The Corporate Seal is not available at the Hawaii branch.



Mark A. Yragui, Member and Manager

Hawaii Resolution 08-15-2023



STATE OF HAWAII
STATE PROCUREMENT OFFICE

CERTIFICATE OF VENDOR COMPLIANCE

This document presents the compliance status of the vendor identified below on the issue date with respect to certificates required from the Hawaii Department of Taxation (DOTAX), the Internal Revenue Service, the Hawaii Department of Labor and Industrial Relations (DLIR), and the Hawaii Department of Commerce and Consumer Affairs (DCCA).

Vendor Name: INTERNATIONAL TRUCKS OF HAWAII, LLC DBA IT HAWAII, LLC

Issue Date: 04/18/2023

Status: **Compliant**

Hawaii Tax#: 12960931-01
New Hawaii Tax#: GE-1438482432-01
FEIN/SSN#: XX-XXX0559
UI#: XXXXXX5690
DCCA FILE#: 109730

Status of Compliance for this Vendor on issue date:

Form	Department(s)	Status
A-6	Hawaii Department of Taxation	Compliant
8821	Internal Revenue Service	Compliant
COGS	Hawaii Department of Commerce & Consumer Affairs	Compliant
LIR27	Hawaii Department of Labor & Industrial Relations	Compliant

Status Legend:

Status	Description
Exempt	The entity is exempt from this requirement
Compliant	The entity is compliant with this requirement or the entity is in agreement with agency and actively working towards compliance
Pending	A status determination has not yet been made
Submitted	The entity has applied for the certificate but it is awaiting approval
Not Compliant	The entity is not in compliance with the requirement and should contact the issuing agency for more information

Exceptions and Clarifications to Bid Conditions and Specifications

IFB 4567

Item 1 – Six Passenger Dump Truck, 4x4, four doors:

- **General Requirement** – “Six Passenger Dump Truck, 4x4, four doors, minimum 14,000 GVWR, not to exceed 17,999 GVWR” - Our proposed truck is at 18,000 GVWR which is still NON-CDL. Per the Hawaii State Law CDL requirements are 18,001 GVWR and above.

Item 4 – Non-CDL 6 Cubic Yard Rear Loader:

- **General Requirement** - “mini refuse truck minimum 14,000 GVWR, not to exceed 17,999 GVWR” – Our proposed truck is at 18,000 GVWR which is still NON-CDL. Per the Hawaii State Law CDL requirements are 18,001 GVWR and above.

ITEM 6 – ONE (1) STREET SWEEPER, Similar or equal to Regen X:

- **Miscellaneous** – “Left-hand toolbox & Right-hand toolbox mounted” – The left-hand toolbox is not available with the heavy-duty wandering hose (Per specification request “hydraulic heavy-duty wandering hose”). There is a tube extension mounted in this location.

FROM START-UP TO SCALE-UP



- ▶ UTILITY
- ▶ DRY VAN
- ▶ SERVICE
- ▶ TOW
- ▶ ROLL-BACK
- ▶ AMBULANCE
- ▶ DUMP
- ▶ PLOW

Introducing the International® CV™ Series – the only class 4/5 truck designed, distributed and supported by a manufacturer that specializes in commercial trucks. That means the CV Series includes commercial-grade features like a heavy-duty, gear-driven transfer case, a single, high-strength frame rail, an available air ride rear suspension, a forward-tilting hood with easy-to-reach maintenance points, 700 ft-lb of reliable torque and a long list of details only found on a true commercial truck. And best of all, the CV Series is supported by the largest commercial dealer network in the industry with more dedicated truck bays and diesel technicians than anyone else. Smart, capable and strong, the CV Series is ready to take your business to the next level.





KEY FEATURES:

- ▶ Industry's largest commercial dealer network with the most dedicated commercial truck bays
- ▶ The forward-tilting hood provides easy access to the engine and routine service points
- ▶ Single high strength steel frame rail (50,000 PSI yield strength) is ready for upfitting
- ▶ Available air ride rear suspension provides a smooth ride and height adjustability
- ▶ Commercial-grade Hydromax Braking System
- ▶ Powered by one of the most trusted and thoroughly-tested engine/transmission combinations in the industry with 350 HP and 700 ft-lb of torque
- ▶ GVWR up to 23,500 lbs
- ▶ International Truck Specialty Centers are available to provide quick, efficient and cost-effective custom engineering solutions
- ▶ A DriverFirst™ interior with automotive-like comfort, featuring premium interior finishes and outstanding ergonomics



REGULAR CAB



CREW CAB

GVWR

- ▶ 4x2: 16,000 – 23,500 lbs.
- ▶ 4x4: 17,500 – 23,000 lbs.

Models/BBC/BA

- ▶ CV515: 115" BBC, 34" BA

Cab Configurations

- ▶ Regular Cab
- ▶ Crew Cab

Frame

- ▶ High Strength, Low Alloy Steel 50,000 PSI

Wheelbase Options

- ▶ 141" – 243"

Axle Configurations

- ▶ 4x2, 4x4

Front Axle/Suspensions

- ▶ 4x2: (Dana Spicer) 6,000 – 8,000 lbs.
- ▶ 4x4: (Dana Spicer) 7,500 lbs.

Rear Axle

- ▶ Single Rear Axle
- ▶ Dana Spicer: 10,000 – 15,500 lbs.

Rear Suspension

- ▶ Spring, Vari-Rate: 11,000 – 15,500 lbs.
- ▶ Air, International Ride Optimized Suspension (IROS): 12,000 – 15,500 lbs (4x2 only).

Electrical System

- ▶ Batteries
 - (2) Batteries: 1100 – 1300 CCA
 - (3) Batteries: 2250 CCA
- ▶ Alternator
 - Denso: 150 – 220 amps

Exhaust System

- ▶ Horizontal, Frame Mounted, Right Side Under Cab
- ▶ Tailpipe
 - WB greater than 141": Straight tailpipe, exits right or available left side ahead of rear axle
 - 141" WB: Over rear axle, exits behind rear axle

Brake System

- ▶ Hydromax with Traction Control and Four Channel ABS

Steering

- ▶ Bosch: S2 8014 Plus

Fuel Tanks

- ▶ Single, Rectangular 25 Gallon, Mounted Between Rails Forward of Rear Axle
- ▶ Single, Rectangular 40 Gallon, Mounted between Rails Behind Rear Axle
- ▶ Dual, Rectangular 25 Gallon and 40 Gallon

Engine

- ▶ International 6.6L: 350 hp @ 2700 RPM, 700 lb. – ft. of torque

Transmission

- ▶ Allison 6-speed: 1700, 1750, 2700 Series
 - Available Vocational Codes: HS, RDS, EVS, MH

PTO

- ▶ Available Transmission-mounted, Right Side (requires PTO-equipped transmission)

Transfer Case (4x4)

- ▶ Meritor: 3203, 2-speed, Gear Drive, 3,000 lb.-ft. Capacity with Electric Shifting Controls, with optional skid plate

Tires

- ▶ Goodyear
- ▶ Continental

WARRANTY

- ▶ Base Chassis Warranty: 3/36k
- ▶ Base Engine Warranty: 5/100k
- ▶ Transmission Warranty: 5/Unlimited

Note: The information and conclusions contained herein are believed to be correct at time of publication, but do not necessarily apply to similar vehicles with different specifications or with production dates after the production of this publication. Vehicles with different specifications or later dates of production may yield different results. Vehicle specifications are subject to change without notice. TAD18039 7/2020

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KNAPHEIDE

SINCE 1848



INTERNATIONAL CV SERIES
KNAPHEIDE BODIES

INTERNATIONAL CV SERIES KNAPHEIDE BODIES

Knapheide offers the widest range of vocational truck bodies for the International CV Series. From part and supply organization, to bulk hauling, get more out of your CV with a Knapheide body.



**ALUMINUM & STEEL
SERVICE BODIES**



**STEEL & ALUMINUM
KUVcc BODIES**



DUMP BODIES



**STEEL & ALUMINUM
PLATFORM BODIES**



**ALUMINUM & STEEL
GOOSENECK BODIES**



KMT1 BODIES



FORESTRY BODIES



STEEL SERVICE BODIES

A. DOUBLE-SHELL, 20-GAUGE, TWO-SIDED A-40 GALVANNEAL STEEL
compartment doors

B. ADJUSTABLE SECURITY RING STRIKERS
provide a weather-tight seal

C. INTERIOR COVER
protects internal latch from damage

D. SLAM-LOCK TAILGATE
with one-hand center release

E. UPGRADED SURFACE MOUNT LIGHTING SYSTEM
features LED S/T/T and B/U, LED strobe option* with (8) selectable patterns, and built-in reflectivity for additional safety**

*Additional wire harness required for strobe lights
**Lights covered by 3-year limited warranty



FEATURES NOT SHOWN

EXCLUSIVE "RETURN FLANGE" FLOOR DESIGN
provides support

QUICK-MOUNT INSTALLATION
allows for fast, safe mounting

E-COAT PROTECTION
Knapheide Bodies are fully immersed in Knapheide's 12-step, electrodeposition prime paint system for superior corrosion resistance.

COMPARTMENT FEATURES



DOUBLE-SPRING OVER-CENTER RETAINER
on vertical compartment doors eliminate involuntary swing



NEOPRENE DOOR SEALS
protect compartments from the weather



CONTINUOUS STAINLESS STEEL HINGES
are pry-proof and corrosion-resistant



INTERIOR LIGHT GUARDS
protect recessed lighting and wiring

STANDARD SHELVING



STREET AND CURB SIDE FRONT VERTICAL COMPARTMENTS
Two adjustable divider shelves and dividers, with a 250-lb. capacity



STREET AND CURB SIDE FULL HEIGHT REAR VERTICAL COMPARTMENTS
One adjustable divider shelf and dividers, with a 250-lb. capacity



CURB SIDE HORIZONTAL COMPARTMENT
One adjustable divider shelf and dividers, with a 250-lb. capacity

60" tall bodies include an extra divider shelf in each compartment, including one in the streetside horizontal

ALUMINUM SERVICE BODIES

A. FLOOR CONSTRUCTED OF RUGGED 6061 T6 ALUMINUM EXTRUSIONS AND EXCLUSIVE "RETURN FLANGE" FLOOR DESIGN
provides support and corrosion resistance

B. ADJUSTABLE SECURITY RING STRIKERS
provide a weather-tight seal

C. INTERIOR COVER
protects internal latch from damage

D. SLAM-LOCK TAILGATE
with one-hand center release

E. UPGRADED SURFACE MOUNT LIGHTING SYSTEM
features LED S/T/T and B/U, LED strobe option* with (8) selectable patterns, and built-in reflectivity for additional safety**

*Additional wire harness required for strobe lights
**Lights covered by 3-year limited warranty



FEATURES NOT SHOWN

CONSTRUCTED OF 6061 T6 & 5052 ALUMINUM
provides support and corrosion resistance

QUICK-MOUNT INSTALLATION
allows for fast, safe mounting

ALL ALUMINUM 6061 T6 UNDERSTRUCTURE
provides support and corrosion resistance

AUTOMOTIVE-QUALITY ROTARY LATCHES
with easy open handler

TPO FENDER SKIRT

COMPARTMENT FEATURES



NITROGEN STRUT DOOR RETAINERS
on vertical compartment doors eliminate involuntary swing



INSET DOOR FRAME DESIGN WITH DOUBLE TRAY ALUMINUM DOORS AND NEOPRENE SEALS
for weather-tight closing



CONTINUOUS ALUMINUM HINGE WITH STAINLESS STEEL RODS
are pry-proof and corrosion-resistant



INTERIOR LIGHT GUARDS
protect recessed lighting and wiring

STANDARD SHELVING



STREET AND CURB SIDE FRONT VERTICAL COMPARTMENTS
Two adjustable divider shelves and dividers, with a 250-lb. capacity (1st and 2nd vertical 132" bodies only)



STREET AND CURB SIDE FULL HEIGHT REAR VERTICAL COMPARTMENTS
One adjustable divider shelf and dividers, with a 250-lb. capacity



CURB SIDE HORIZONTAL COMPARTMENT
One adjustable divider shelf and dividers, with a 250-lb. capacity

60" tall bodies include an extra divider shelf in each compartment, including one in the streetside horizontal

POPULAR OPTIONS

BUMPERS

Knapheide bumpers are constructed with work in mind. With three configurations, we have a bumper for every need. Select bumpers available with KnapLiner coating for additional friction and durability.



HITCH RECESS BUMPERS



STRAIGHT BUMPERS

CANOPY ROOF

The canopy roof option allows you to fully enclose your cargo area. Canopy roofs are available in three heights, straight sides, and with stationary or telescopic roofs. Full width roofs are also available. For a tapered-side one-piece body design, take a look at our KUVcc product line.



STRAIGHT SIDES



TELESCOPIC ROOF



SIDE ACCESS DOORS



SIDE LADDER RACKS

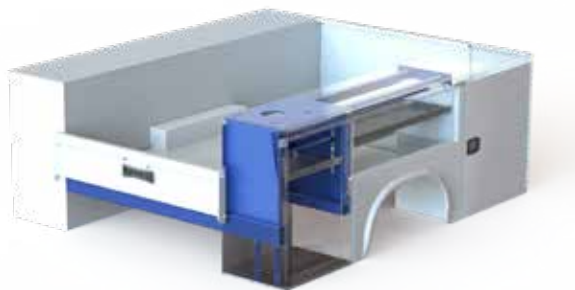


REAR ACCESS DOOR



TELESCOPIC SLIDING ROOF

Telescopic sliding roofs offer a robust enclosure for the cargo space of your Service Body, allowing you to protect your tools and equipment from theft and weather.



CRANE REINFORCEMENT KIT

The crane reinforcement kit option allows you to incorporate a crane up to 4,000 lb. capacity (16,000 ft-lb. max.) onto the rear curb side corner of your body.

RACKS

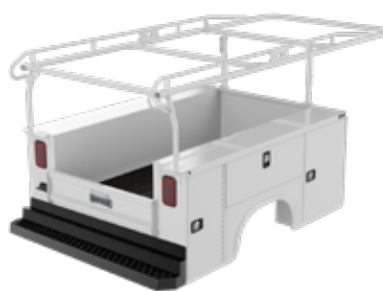
Adding a rack to your Service Body increases your storage space by getting your ladders and other long tools or equipment up and out of the way, making room to haul more items in your cargo area.



UTILITY RACK
1,000 lb. capacity -
forklift loadable



SIDE MOUNT
LADDER RACK
150 lb. capacity



OVERCAB
MATERIAL RACK
Kargo Master



OVERHEAD
LADDER RACK
300 lb. capacity

NOT PICTURED (APPLIES TO
SIDE MOUNT & OVERHEAD
LADDER RACKS):

LADDER RACK
ROLLERS

LADDER RACK
RAILS

POPULAR OPTIONS



MASTER LOCKS



POWER LOCKS



FRONT STROBE



LED COMPARTMENT LIGHTS



FLEX STEPS



CABLE STEPS



ALUMINUM DRAWERS



STEEL DRAWERS



ALUMINUM TREAD PLATE TRIM KITS



PULL-OUT SHELVES



CARGO TIE-DOWNS



ROCK GUARDS



MOUNTING KITS FOR REMOVABLE CRANE (SPITZLIFT)



METER TRAY WITH HOLES



PULL-OUT TRAY



MODULAR CAB GUARD



GRAB HANDLES



E-TRACK & ACCESSORIES



SINGLE POINT OR THREE POINT T-HANDLE



REAR ACCESS DOOR



REAR ACCESS DOOR WITH FULL-LENGTH SHELF



BOTTLE GAS RETAINER



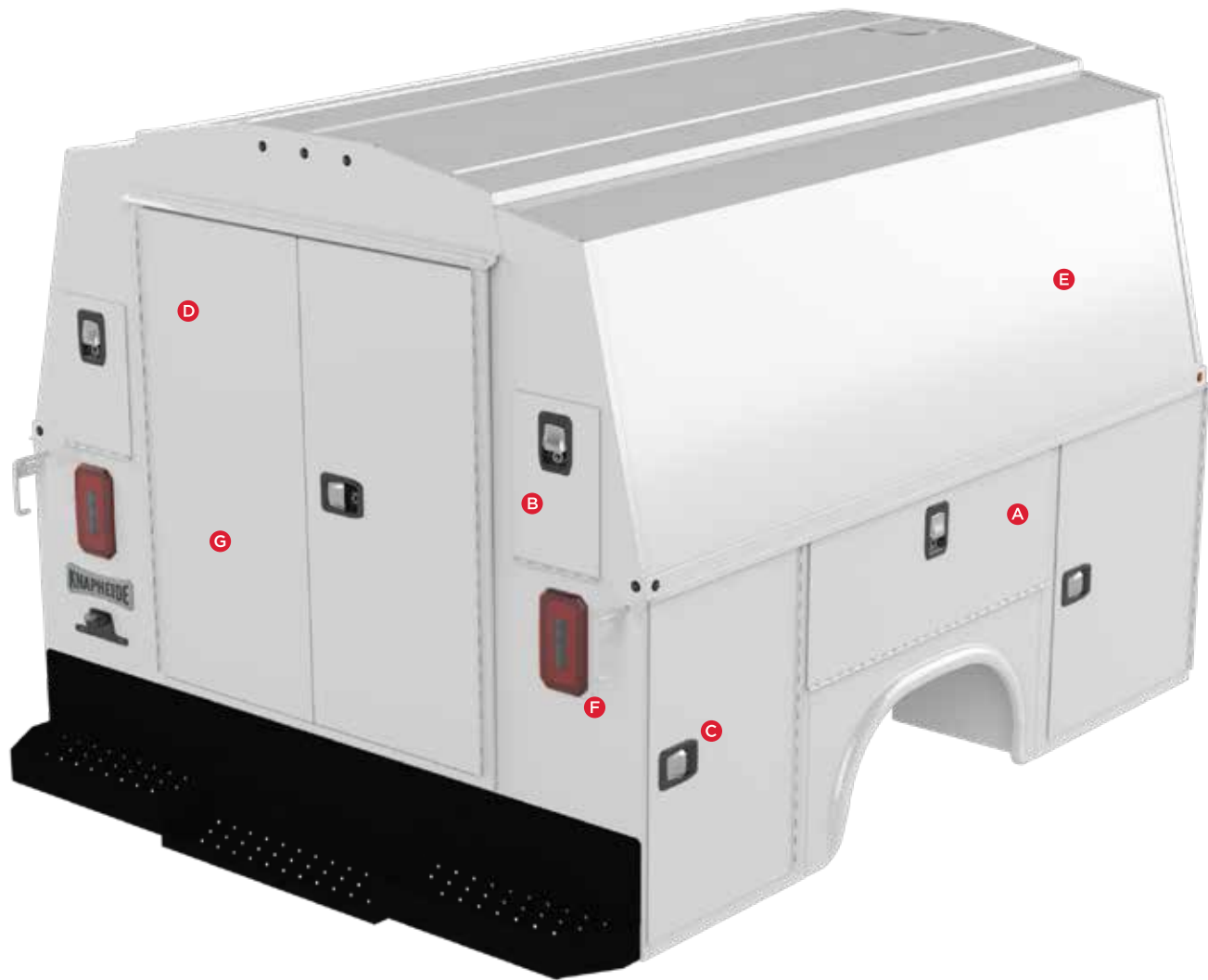
WHEEL CHOCK HOLDER - FENDER SKIRT



STEEL KUVcc BODIES

- A. DOUBLE PANELED DOORS**
made of galvaneal steel (14-gauge outer panel, 20-gauge inner panel) are reinforced with internal braces for durability
- B. TWO CONDUIT CHUTES**
to transport copper pipes, PVC, and conduit
- C. AUTOMOTIVE-QUALITY, ROTARY-STYLE LATCHES**
make opening and closing easy
- D. ELECTRODEPOSITION PRIME-PAINT SYSTEM**
provides superior corrosion resistance
- E. FLAT PANEL SPACE**
provides rolling billboard to promote business
- F. INTEGRATED LED S/T/T AND B/U, LED STROBE OPTION***
with (8) selectable patterns and built-in reflectivity for additional safety**
- G. DOUBLE PANEL REAR CARGO DOORS**
lock and seal into the body frame. These 20-gauge galvaneal steel doors have nitrogen gas struts and slam latches.

*Additional wire harness required for strobe lights
**Covered under 3-year limited warranty



CARGO AREA AND CONDUIT CHUTE LENGTH
11' in 132" bodies
13' in 157" bodies
14' in 169" bodies

FEATURES NOT SHOWN

- COMPARTMENTS CAN BE LOCKED INDEPENDENTLY**
for maximum security
- TWO INTERIOR LED DOME LIGHTS**
in cargo area with light switch inside the cargo doors
- GRAB HANDLE**
(rear right)

COMPARTMENT FEATURES



DOUBLE-SPRING OVER-CENTER RETAINER
on vertical compartment doors eliminate involuntary swing



NEOPRENE DOOR SEALS
protect compartments from the weather



MASTER LOCKING SYSTEM
for piece of mind — locks down all of the side compartments in one move



CONTINUOUS STAINLESS STEEL HINGES
are pry-proof and corrosion-resistant

STANDARD SHELVING



STREET AND CURB SIDE FRONT VERTICAL COMPARTMENTS
Two adjustable divider shelves and dividers, with a 250-lb. capacity



STREET AND CURB SIDE FULL HEIGHT REAR VERTICAL COMPARTMENTS
One adjustable divider shelf and dividers, with a 250-lb. capacity



CURB SIDE HORIZONTAL COMPARTMENT
One adjustable divider shelf and dividers, with a 250-lb. capacity

ALUMINUM KUVcc BODIES

- A. BODY HAS AN AEROSPACE DESIGN AND ASSEMBLY**
for unmatched durability. Composed of military grade aluminum extrusions

B. GALVA-GRIP BUMPER WITH KNAPLINER
for increased grip, durability, and corrosion resistance

C. INTEGRATED LED S/T/T AND B/U, LED STROBE OPTION*
with (8) selectable patterns and built-in reflectivity for additional safety**

D. TWO REAR LOCKABLE CONDUIT CHUTES
providing quick access for longer items
- E. SOLID REAR DOORS ARE STANDARD**
providing increased security. Underlap rear door features an interior release handle that is ergonomically friendly Knapheide (or OEM) white paint on exterior, compartment interiors, and cargo area of service body

F. AUTOMOTIVE-QUALITY, PADDLE-ACTIVATED ROTARY STYLE LATCHES
make opening and closing easy, providing access to spacious side compartments

*Additional wire harness required for strobe lights
**Covered under 3-year limited warranty



CARGO AREA AND CONDUIT CHUTE LENGTH
11' in 132" bodies

FEATURES AND OPTIONS NOT SHOWN

- COMPARTMENT SHELVING**
rated at 250 lbs. capacity with adjustable dividers

LED COMPARTMENT LIGHTS
provide ample light to find tools and cargo stored in your truck body. These compact lights are installed to provide maximum output without interfering with tool or part storage

INTERIOR LED DOME LIGHT
provides ample lighting for interior cargo area
- LED STROBE LIGHTS**
installed on front grille provide visibility

COMPARTMENT DOORS
feature an inset door frame with a double tray door design providing increased strength. Nitrogen gas strut door retainers and a continuous aluminum hinge with stainless steel rod provide another level of security with their pry-proof and corrosion-resistant quality
- POWER LOCKS**
offer enhanced operator convenience. Lock all compartment doors with the push of a button

GRAB HANDLES
installed at the rear of the vehicle provide an extra level of safety to users



REQUEST A QUOTE



Visit knapheide.com/quote and fill out the form to receive a quote and additional product information.

POPULAR OPTIONS

- POWER LOCKS**

CODEABLE PADLOCK

UPPER SIDE GLASS
- REAR VISION CAMERA**

ALUMINUM DRAWERS

PULL OUT TRAY
- REAR DOOR WINDOWS**

CLASS V RECEIVER HITCH

MECHANICS VISE BRACKET
Vise sold separately
- POWER LIFTGATE**
Not available on SRW models

LED COMPARTMENT LIGHTING

3 BOW LADDER RACK
- SPITZLIFT**

SIDE ACCESS DOOR

AERODYNAMIC WIND DEFLECTOR
- SIDE MOUNT LADDER RACK**

DROP-DOWN LADDER RACK
Prime Design

DUMP BODIES

A. SELF-CLEANING SLOPED TOP RAILS AND LOWER RAILS
on sides and tailgate

B. SIDES ARE CONSTRUCTED OF 12-GAUGE HIGH TENSILE STEEL

C. 2X6 SIDE BOARD POCKETS
on the sides at the front and rear allow for increased load capacity

D. VERSATILE, DOUBLE ACTING TAILGATE
accommodates both drop-down, pick-up style and spreader applications

E. QUICK RELEASE, ONE-HANDED LEVER
for easy drop-down action on the tailgate

F. TOE SAVER BRACKETS
located on both sides of the end rail for operator safety

G. REAR CORNER POSTS
equipped with a hook on each side for an optional tarp

H. QUARTER CAB PROTECTOR
constructed of 10-gauge high tensile steel with a punched window for visibility



CROSSMEMBERLESS UNDERSTRUCTURE

FEATURES NOT SHOWN

BODIES ARE CROSSMEMBERLESS AND FEATURE FULLY BOXED LONG SILLS
constructed of 7-gauge HRCQ steel and run the entire length of the floor

BODIES ARE FULLY PROTECTED WITH KNAPHEIDE'S WATER-BASED UNDERCOAT

DOUBLE PANEL TAILGATE
construction with 12-gauge HY50 outer panel and 10-gauge HY50 inner panel

ELECTRODEPOSITION PRIME-PAINT SYSTEM
provides superior corrosion resistance

POPULAR OPTIONS



LED LIGHTS



TARP*



BODY RAISE INDICATOR



UNDERBODY TOOLBOX



KNAP PACK



POLY BOARD EXTENSIONS*



ICC BUMPER



CLASS V RECEIVER HITCH



METERING CHUTE

CAB PROTECTORS



TAPERED QUARTER CAB PROTECTOR



STRAIGHT QUARTER CAB PROTECTOR



STRAIGHT FULL CAB PROTECTOR



SUBFRAME HOIST

ED models are powered by a 12-volt pump with a pendant switch control

Double acting hoist provides power up and down

VALUE-MASTER-X™ PLATFORM BODIES



PVMXT-95
*Body may be shown
with optional features

Knapheide's most popular platform, the Value-Master-X™ (PVMX), is a value-priced standard duty platform with distinctive tail skirt styling. It has been engineered to work in both hoist and non-hoist applications.

PVMX models are available in 7'-26' lengths and for all size chassis. Chassis-specific models are available for Ford Transit, Ram ProMaster and Mercedes-Benz Sprinter chassis cabs.

A. MULTIPLE FLOORING OPTIONS:

- Wood: 2" nominal treated #1 grade dense yellow pine with tongue and groove construction
- Smooth steel: 10-gauge, high strength (50,000 psi yield strength)
- Tread plate: 1/8" thick

B. SIDE AND END RAILS

constructed of formed 12-gauge high strength steel (50,000 psi)

C. REINFORCED INTERNAL STAKE POCKETS

are sized to accept 2x4 lumber as well as a wide array of Knapheide side options

D. CLEARANCE AND MARKER LIGHTS

are LED and meet FMVSS 108 requirements

E. DURABLE, OVEN-CURED HIGH GLOSS BLACK FINISH TOP COAT

HEAVY-HAULER JUNIOR™ PLATFORM BODIES



PHHJT-95
*Body may be shown
with optional features

The Heavy-Hauler Junior™ (PHHJ) is a durable, standard duty platform with distinctive tail skirt styling and rub rails. It has been engineered to work in both hoist and non -hoist applications.

PHHJ models are available in 9'-26' lengths and are compatible with dual rear wheel chassis.

A. MULTIPLE FLOORING OPTIONS:

- Wood: 2" nominal treated #1 grade dense yellow pine with tongue and groove construction
- Smooth steel: 10-gauge, high strength (50,000 psi yield strength)
- Tread plate: 1/8" thick

B. SIDE AND END RAILS

constructed of formed 12-gauge high strength steel (50,000 psi)

C. REINFORCED EXTERNAL STAKE POCKETS

are sized to accept 2x4 lumber as well as a wide array of Knapheide side options

D. CLEARANCE AND MARKER LIGHTS

are LED and meet FMVSS 108 requirements

E. DURABLE, OVEN-CURED HIGH GLOSS BLACK FINISH TOP COAT

F. EXTERNAL RUB RAIL

constructed of 3/8" steel located on both sides and across the rear of the platform

FEATURES NOT SHOWN

STRUCTURAL LONG SILLS WITH GUSSETED CROSS MEMBERS:

- 5" on 12' and shorter platforms
- 7" on 13' and longer platforms
- 6" for SRW (80 Series) platforms

FORMED, 11-GAUGE HIGH STRENGTH (50,000 PSI) CROSS MEMBER

are spaced on 18" centers for 12' and shorter platforms and 12" centers on 13' and longer platforms

ELECTRODEPOSITION PRIME-PAINT SYSTEM

provides superior corrosion resistance

WATER-BASED UNDERCOATING

on underside of platform

FEATURES NOT SHOWN

STRUCTURAL LONG SILLS WITH GUSSETED CROSS MEMBERS:

- 5" on 12' and shorter platforms
- 7" on 14' and longer platforms

FORMED, 11-GAUGE HIGH STRENGTH (50,000 PSI) CROSS MEMBERS

are spaced on 18" centers for 12' and shorter platforms and 12" centers on 14' and longer platforms

ELECTRODEPOSITION PRIME-PAINT SYSTEM

provides superior corrosion resistance

WATER-BASED UNDERCOATING

on underside of platform

CARGO-HAULER™ PLATFORM BODIES



PCHT-125
*Body may be shown with optional features

Knapheide's Cargo-Hauler™ (PCH) platform has a robust understructure to withstand tough job site applications. The PCH is a heavy duty platform with distinctive tail skirt styling. It has been engineered to work in both hoist and non-hoist applications.

PCH models are available in 12'-26' lengths and are compatible with dual rear wheel chassis.

A. MULTIPLE FLOORING OPTIONS:

- Wood: 2" nominal treated #1 grade dense yellow pine with tongue and groove construction
- Smooth steel: 10-gauge, high strength (50,000 psi yield strength)
- Tread plate: 1/8" thick

B. SIDE AND END RAILS

constructed of formed 7-gauge high strength steel (36,000 psi)

C. REINFORCED INTERNAL STAKE POCKETS

are sized to accept 2x4 lumber as well as a wide array of Knapheide side options

D. CLEARANCE AND MARKER LIGHTS

are LED and meet FMVSS 108 requirements

E. DURABLE, OVEN-CURED HIGH GLOSS BLACK FINISH TOP COAT

HEAVY-HAULER™ PLATFORM BODIES



PHHT-124B
*Body may be shown with optional features

The Heavy-Hauler™ (PHH) is Knapheide's most rugged platform, designed to handle the most severe of hauling applications. It has been engineered to work in both hoist and non-hoist applications.

PHH models are available in 12'-26' lengths and are compatible with dual rear wheel chassis.

A. MULTIPLE FLOORING OPTIONS:

- Wood: 2" nominal treated #1 grade dense yellow pine with tongue and groove construction
- Smooth steel: 10-gauge, high strength (50,000 psi yield strength)
- Tread plate: 1/8" thick

B. SIDE AND END RAILS

constructed of structural C-channel steel

C. HEAVY DUTY, REINFORCED EXTERNAL STAKE POCKETS

are sized to accept 2x4 lumber as well as a wide array of Knapheide side options

D. CLEARANCE AND MARKER LIGHTS

are LED and meet FMVSS 108 requirements

E. DURABLE, OVEN-CURED HIGH GLOSS BLACK FINISH TOP COAT

F. EXTERNAL RUB RAIL

constructed of 3/8" steel located on both sides and across the rear (rear is optional) of the platform

FEATURES NOT SHOWN

STRUCTURAL LONG SILLS WITH GUSSETED CROSS MEMBERS:

- 5" on 12' and shorter platforms
- 7" on 13' and longer platforms

STRUCTURAL CHANNEL CROSS MEMBERS

are spaced on 12" centers

ELECTRODEPOSITION PRIME-PAINT SYSTEM

provides superior corrosion resistance

WATER-BASED UNDERCOATING

on underside of platform

FEATURES NOT SHOWN

STRUCTURAL LONG SILLS WITH GUSSETED CROSS MEMBERS:

- 5" on 12' and shorter platforms
- 7" on 14' and longer platforms

STRUCTURAL CHANNEL CROSS MEMBERS

are spaced on 12" centers

ELECTRODEPOSITION PRIME-PAINT SYSTEM

provides superior corrosion resistance

WATER-BASED UNDERCOATING

on underside of platform

SIDE OPTIONS

The addition of any of Knapheide's extensive platform side options can transform your platform into a multi-functional body for many uses.



STAKE RACKS

Stake racks are compatible with all Knapheide platforms. Choose between interlocking clip or quiet latch stake racks. Steel racks are completely immersed in Knapheide's electrodeposition prime-paint system.

Stake racks are available in steel or aluminum, 28" or 40" high sides.

Available in prime or black paint.



REFUSE SIDES - PUNCHED

Punched refuse sides are compatible with the PVMX and PCH series platforms and the BH4094 bulkhead. Rear doors are equipped with a latch and bail system, pivot up to 270 degrees and can be secured in the open or closed position.

Punched refused sides are available in 40" height.

Available in black paint only.



REFUSE SIDES - SOLID

Solid refuse sides are compatible with all the PVMX and PCH series platforms. Racks are completely immersed in Knapheide's electrodeposition prime-paint system for superior corrosion resistance. Solid refuse sides can be used for a wide variety of applications.

Solid refuse sides are available in 40" height.

Available in black paint only.



CONTRACTOR E-Z LOADER DROP SIDE PACKAGE

Drop side contractor packages are compatible with PVMX and PCH series platforms. Each side drops down to a full 180 degrees for easy access. Sides feature 45-degree sloped rub rails. Double acting tailgate may be dropped 90 or 180 degrees. Spreader chains position tailgate for material spreading depth.

E-Z loader drop sides are available in 8', 9', 10', 11' and 12' lengths.

Available in prime only.



CONTRACTOR FIXED SIDE PACKAGE

Fixed side contractor packages are compatible with PVMX and PCH series platforms up to 16' in length. A stake pocket model bulkhead and 14" high sides are standard. Tailgate may be lowered and secured parallel to the ground, dropped down to 180 degrees, or removed completely.

Available in prime or black paint.



LANDSCAPER RACKS

Landscaper racks are compatible with 96 series PVMX and PCH series platforms and BH, BHR and BHRB4094 bulkheads. They feature center punch panels and a sure lock system locking the racks into the stake pockets. Quiet latches secure the stake racks together. The rear doors can pivot 270 degrees and lock into the full open position.

Landscaper racks are available for 9', 12' and 14' models.

Available in black paint only.

BULKHEAD OPTIONS

Knapheide bulkheads are built for functionality and style. The use of long lasting durable materials and strong structural design protect you from the heaviest load, keeping you and your truck safe.



BH SERIES

- Rectangular bulkhead
- Drop-in style with punched window
- Compatible with all platforms, recommended for stake racks
- Bulkhead material: 11-gauge high strength steel (100 Series 56" models are 10-gauge)
- Vertical post material: 13-gauge high strength steel



BHG SERIES

- Rectangular bulkhead
- Drop-in style with punched window and attached gussets
- Compatible with all platforms, recommended for stake racks
- Bulkhead material: 11-gauge high strength steel (100 Series 56" models are 10-gauge)
- Vertical post material: 13-gauge high strength steel



BHR AND BHRB SERIES

- Rectangular bulkhead, heavy duty reinforced
- Weld-on (BHR) and bolt-on (BHRB) style with punched window
- Compatible with all platforms
- Bulkhead material: 11-gauge high strength steel (100 Series 56" models are 10-gauge)
- Bulkhead material: 14-gauge high strength steel
- Vertical post material: 11-gauge high strength steel outer post, 3" structural channel inner post



BHTS SERIES

- Westerner bulkhead
- Drop-in style with punched window
- Styled for Westerner platform
- Compatible with all platforms. Compatible only with 6", 12" and 28" racks
- Bulkhead material: 14-gauge high strength steel
- Vertical post material: 13-gauge high strength steel



BHT SERIES

- Tapered bulkhead
- Drop-in style with punched window
- Compatible with all platforms. Not compatible with racks or grain sides.
- Bulkhead material: 11-gauge high strength steel
- Vertical post material: 13-gauge high strength steel



BHRT SERIES

- Rectangular bulkhead
- Heavy duty, reinforced weld-on style with punched window
- Compatible with all platforms. Not compatible with racks or grain sides.
- Bulkhead material: 11-gauge high strength steel
- Vertical post material: 13-gauge high strength steel outer post, 3" structural channel inner post

**All bulkheads are primed with electrodeposition gray epoxy paint and finish coated with oven-cured black enamel paint. See Platform price pages for model specific information and applications.*

POPULAR OPTIONS



STEEL TOOLBOXES

- Automotive quality 3-point T-handle latches
- Continuous stainless steel hinges are pry-proof and corrosion-resistant
- Extra heavy duty door chains installed
- Continuous door seals protect against water, dirt and dust
- Automotive grade, high gloss top coat
- Above body toolboxes available in white or black. Underbody toolboxes available in black.



APITONG WOOD FLOOR



POLY BOARD FLOOR



INTEGRATED D-RING TIE DOWNS



ROPE HOOK



UNDERBODY TIE-DOWN RAILS



UNDERBODY SLIDING TIE-DOWN CHANNEL



UNDERBODY STORAGE COMPARTMENT
Available in 8" and 10" lengths



RECEIVER HITCH



KNAP-PACK
Also available in straight and tapered sides



ICC BUMPER



SPARE TIRE RETAINER

Other options not shown:

SMOOTH STEEL/ TREAD PLATE OVERLAY ON WOOD FLOOR

Available in 7-gauge or 10-gauge smooth steel, or 1/8" or 3/16" tread plate



ALUMINUM PLATFORM BODIES

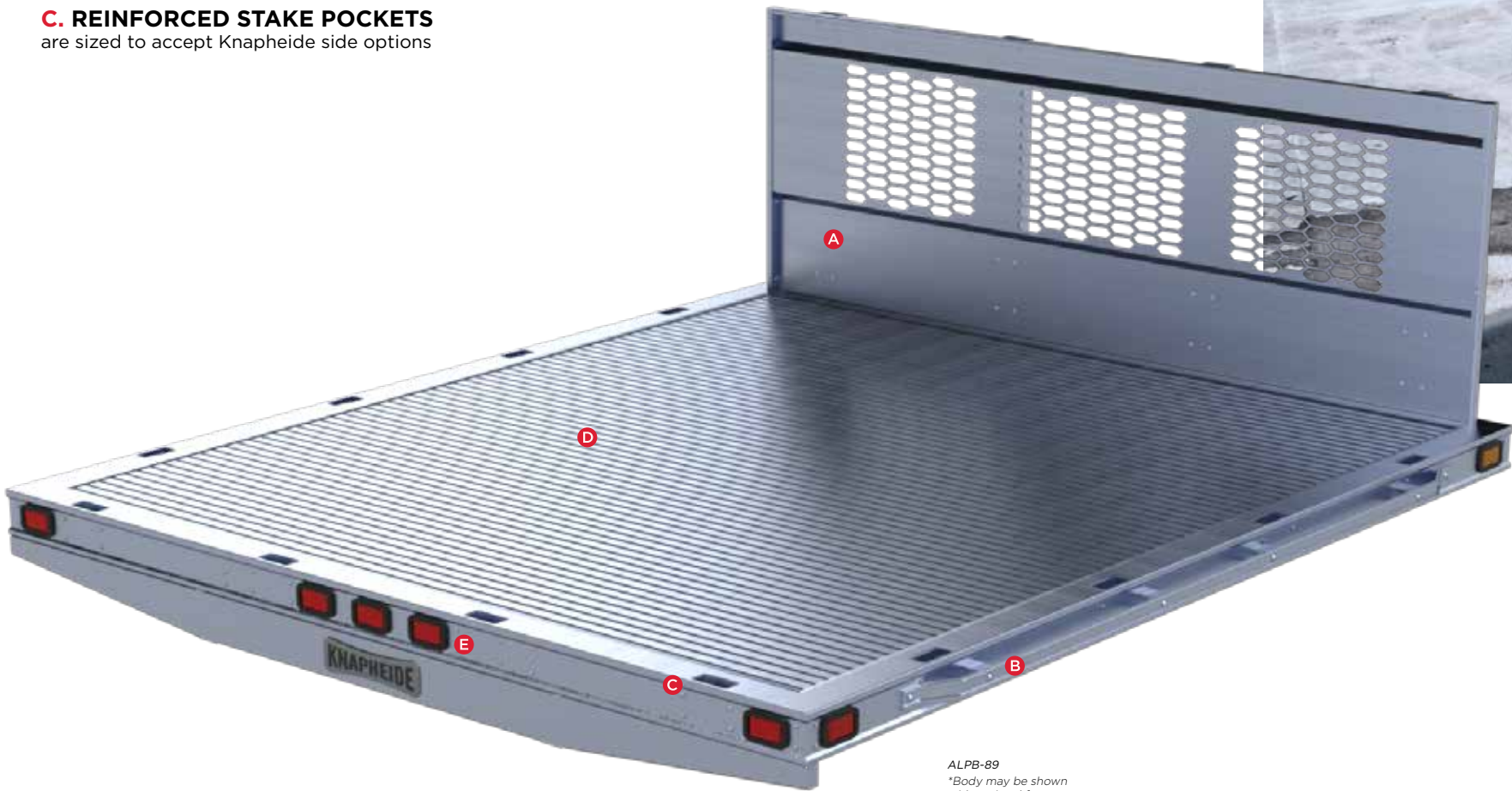
A. COMPOSED OF MILITARY-GRADE ALUMINUM EXTRUSIONS
resulting in a body that is 40% lighter than steel, returning payload back to the operator

B. EXTERNAL 3/8" THICK MILITARY-GRADE ALUMINUM RUB RAILS
are attached to the sides with hardware for easy replacement in the event of damage
**not included on the 80" wide models*

C. REINFORCED STAKE POCKETS
are sized to accept Knapheide side options

D. MILITARY-GRADE ALUMINUM EXTRUDED FLOOR PLANKS
perform double-duty, providing exceptional styling and strength for the floor, as well as unmatched structural strength as the cross sills

E. ALL LED CLEARANCE AND MARKER LIGHTS
for visibility and added safety



ALPB-89
*Body may be shown with optional features



UNDERSTRUCTURE FEATURES

SIDE RAILS
are extruded Military-grade aluminum channel with a tapered edge, providing protection to the floor planks and allowing for cargo and product to be loaded and unloaded without damage

INTEGRATED UNDER BODY TIE DOWNS
provides reinforced location for attaching cargo tie down straps

LONG SILLS
are an extended aluminum structural channel



SIDE OPTIONS

The addition of any of Knapheide's extensive platform side options can transform your platform into a multi-functional body for many uses.



STAKE RACKS

Stake racks are constructed with all-Military-grade aluminum extrusions for exceptional strength. Stake racks are made for bodies of all lengths and in 28" and 40" high sides. Rear body racks sections are available as well as swing-out rear sections.



12" DROP-IN RACKS

Drop-in racks provide a basic way to retain material in the load space.

Drop-in racks are available on 7'-18' length bodies.

**Optional bulkhead shown*



12" AND 18" DROP-DOWN RACKS

Drop-down racks provide hinge-down side and rear sections for enhanced retainment and access to the load space. Adding drop-down racks requires the removal of the rub rail from the side of the body.

Drop-down racks are available on 7'-12' length bodies.

**Optional bulkhead shown*



REFUSE SIDES PUNCHED OR SOLID

Refuse sides are compatible with a square bulkhead. Rear doors are equipped with a latch and bail system, pivot up to 270 degrees and can be secured in the open or closed position. Refuse sides are available in 8'-14' lengths only and may be used in a wide range of applications, from trash hauling to landscaping.



BULKHEAD OPTIONS

All aluminum Knapheide platform bulkheads are constructed of Military-grade aluminum extrusions and .09" Marine-grade aluminum sheeting.



ALBH SERIES

Rectangular, drop-in style with punched window. Available for all body models.



ALBHG SERIES

Rectangular bulkhead that attaches through pockets and bolt-on gussets with punched window. Available for all body models.



ALBHRB SERIES

Rectangular bulkhead with bolt-on under body reinforcements and punched window. Available for all 96" and 102" wide body models.



ALBHRBT SERIES

Tapered to better match the cab angle with bolt-on under body reinforcements and punched window. Available for all 96" wide bodies in 36" and 40" heights.



REQUEST A QUOTE



Visit knapheide.com/quote and fill out the form to receive a quote and additional product information.

OTHER OPTIONS



**INTEGRATED
D-RING
TIE-DOWNS**



ICC BUMPER



**SPARE TIRE
RETAINER**



**UNDERBODY
STORAGE
COMPARTMENT**

CONCRETE BODIES

A. PVMX PLATFORM BASE:
11-gauge high tensile strength steel cross sills on 18" centers with 5" structural C-Channel long sills

B. SIDE AND END RAILS
are constructed of 12-gauge high tensile strength steel

C. TOOLBOXES:
(1) above body and (1) underbody toolbox on each side of the body. (Toolbox size is dependent on platform length). Toolboxes include double panel door construction and 3-point T-handle latches

D. SCREENED WINDOW BULKHEAD
is contoured to conform to the lines of the cab, while offering maximum visibility

E. ICC BUMPER
for underside protection

F. ALL LED CLEARANCE AND MARKER LIGHTS
for visibility and added safety

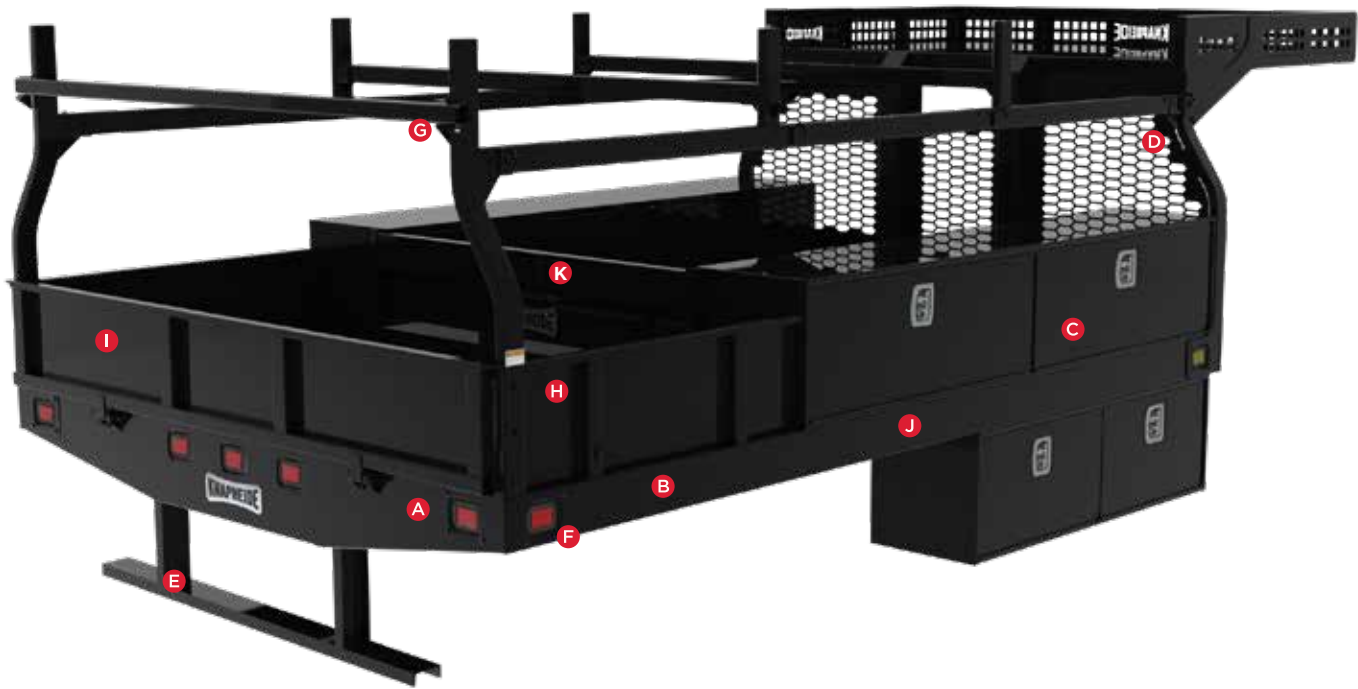
G. MATERIAL RACK
is rated for 1,500 lb., is side forklift loadable, has swing-away rear cross bar and removable intermediate cross bars for loading taller items, and has tie down hooks to help secure your items

H. 14" REMOVABLE SOLID STAKE SIDES
secure within the platforms internal stake pockets

I. 14" DROP DOWN REAR GATE
double-panel contractor grade tailgate drops down a full 180 degrees for easy loading and unloading

J. BLACK PAINT
standard finish

K. FULL-HEIGHT TAILBOARD
at the rear of the above body toolboxes to separate the bed space



FEATURES NOT SHOWN

ALUMINUM TREAD PLATE ROCK GUARDS
installed on the front of each underbody toolbox

ELECTRODEPOSITION PRIME-PAINT SYSTEM
provides superior corrosion resistance

CONTRACTOR BODIES

A. PVMX PLATFORM BASE:
11-gauge high tensile strength steel cross sills on 18" centers with 5" structural C-Channel long sills

B. SIDE AND END RAILS
are constructed of 12-gauge high tensile strength steel

C. TOOLBOXES:
(1) above body and (1) underbody toolbox on each side of the body. (Toolbox size is dependent on platform length). Toolboxes include double panel door construction and 3-point T-handle latches

D. SCREENED WINDOW BULKHEAD
is contoured to conform to the lines of the cab, while offering maximum visibility

E. ICC BUMPER
for underside protection

F. ALL LED CLEARANCE AND MARKER LIGHTS
for visibility and added safety

G. MATERIAL RACK
is rated for 1,500 lb., is side forklift loadable, has swing-away rear cross bar and removable intermediate cross bars for loading taller items, and has tie down hooks to help secure your items

H. 15" SIDE AND REAR STAKE RACKS
are hinged to drop down 180 degrees for maximum access. Rear stake rack is separated into two sections for additional functionality

I. FULL-HEIGHT TAILBOARD
at the rear of the above body toolboxes to separate the bed space



FEATURES NOT SHOWN

ALUMINUM TREAD PLATE ROCK GUARDS
installed on the front of each underbody toolbox

1/8" TREAD PLATE STEEL OR POLYBOARD
are standard flooring

ELECTRODEPOSITION PRIME-PAINT SYSTEM
provides superior corrosion resistance

WHITE OR BLACK PAINT
are standard

PGTB GOOSENECK BODIES



PGTB-116
*Body may be shown with optional features

- A. RUB RAILS**
installed on both sides of bodies for strap, side and stake pocket protection
- B. RUGGED 1/8" THICK TREAD PLATE FLOOR**
- C. B&W TURNOVERBALL®**
rated at 30,000 lbs. gross trailer weight, with 7500 lb. tongue weight
- D. BOLT ON RECEIVER HITCH –**
Choose from 18K or 21K hitch, ordered separately to ship loose
- E. FORMED, INTEGRATED BULKHEAD**
with stylized screened window and tapered design for improved visibility

- F. 7-WAY TRAILER PLUG**
at rear of body
- G. DURABLE OVEN-CURED COAT**
finish painted black
- H. ALL LED CLEARANCE AND MARKER LIGHTS**
for visibility and added safety
- I. INTEGRATED OVAL LED B/U AND S/T/T LIGHTS**
included in bulkhead and rear skirt

FEATURES NOT SHOWN

- 12-GAUGE FORMED CROSS SILLS**
- ELECTRODEPOSITION PRIME-PAINT SYSTEM**
provides superior corrosion resistance
- INTEGRATED DRIVER SIDE FUEL FILL CUP**

PGTC GOOSENECK BODIES



PGTC-1110
*Body may be shown with optional features

- A. SKIRTED GOOSENECK STYLING**
with integrated front and rear toolboxes
- B. RUB RAILS**
installed on both sides of bodies for strap, side and stake pocket protection
- C. RUGGED 1/8" THICK TREAD PLATE FLOOR**
with 6" structural channel long sills (4" on 8' models)
- D. B&W TURNOVERBALL(R)**
rated at 30,000 lbs. gross trailer weight, with 7500 lb. tongue weight
- E. BOLT ON RECEIVER HITCH**
Choose from 18K or 21K hitch, ordered separately to ship loose
- F. 7-WAY TRAILER PLUG**
at rear of body
- G. SAFETY CHAIN ATTACHMENT POINTS**
included in gooseneck box and at receiver hitch

- H. DURABLE OVEN-CURED COAT**
finish painted black
- I. ALL LED CLEARANCE AND MARKER LIGHTS**
for visibility and added safety
- J. INTEGRATED OVAL LED B/U AND S/T/T LIGHTS**
included in bulkhead and rear skirt
- K. CONTINUOUS STAINLESS STEEL HINGES**
are pry-proof and corrosion-resistant
- L. DOUBLE PANELED DOORS**
consist of 20-gauge, two sided A-40 galvalume steel
- M. AUTOMOTIVE QUALITY, ROTARY-STYLE LATCHES**
make opening and closing easy

FEATURES NOT SHOWN

- 12-GAUGE FORMED CROSS SILLS**
- INTERIOR COVER**
protects internal latch from damage
- INTEGRATED DRIVER SIDE FUEL FILL CUP**
- ELECTRODEPOSITION PRIME-PAINT SYSTEM**
provides superior corrosion resistance
- ADJUSTABLE SECURITY RING STRIKERS**
provide a weather-tight seal
- NEOPRENE DOOR SEALS**
protect compartments from the weather
- DOUBLE-SPRING OVER-CENTER DOOR RETAINER**
eliminates involuntary door swing

PGTD

GOOSENECK BODIES



PGTD-114
*Body may be shown
with optional features

- A. DOUBLE paneled doors**
consist of 20-gauge, two sided A-40 galvaneal steel

B. FLIP TOP COMPARTMENTS
8" deep and with with exterior release latch. Flip tops utilize nitrogen gas struts for smooth opening and closing

C. RUGGED 1/8" THICK TREAD PLATE FLOOR

D. 36" HIGH FRONT COMPARTMENTS
each with 250 lb. capacity shelves

E. BOLT ON RECEIVER HITCH -
Choose from 18K or 21K hitch, ordered separately to ship loose

F. FORMED, INTEGRATED BULKHEAD
with stylized screened window and tapered design for improved visibility

G. 7-WAY TRAILER PLUG
at the rear of the body

H. DURABLE OVEN-CURED COAT
finish painted black

I. ALL LED CLEARANCE AND MARKER LIGHTS
for visibility and added safety
- J. UPGRADED REAR MOUNT LIGHTING SYSTEM**
features LED S/T/T and B/U, LED strobe option* with (8) selectable patterns, and built-in reflectivity for additional safety**
*Additional wire harness required for strobe lights
**Lights covered by 3-year limited warranty

K. CONTINUOUS STAINLESS STEEL HINGES
are pry-proof and corrosion-resistant

L. AUTOMOTIVE QUALITY, ROTARY-STYLE LATCHES
make opening and closing easy

M. FULL HEIGHT SLAM TAILGATE
with center mounted release handle

N. B&W TURNOVERBALL®
rated at 30,000 lbs. gross trailer weight, with 7500 lb. tongue weight

O. GALVANNEAL FENDERETTES
are welded on

P. 7" DEEP REAR STEP
makes accessing cargo area safe and easy

FEATURES NOT SHOWN

- 250-LB. CAPACITY SHELVES MADE OF SPANGLED STEEL**
(2 in each front vertical compartment)

DOUBLE-SPRING OVER-CENTER DOOR RETAINER
eliminates involuntary door swing
- NEOPRENE DOOR SEALS**
protect compartments from the weather

INTERIOR COVER
protects internal latch from damage

ADJUSTABLE SECURITY RING STRIKERS
provide a weather-tight seal
- ELECTRODEPOSITION PRIME-PAINT SYSTEM**
provides superior corrosion resistance

12-GAUGE FORMED CROSS SILLS
3" formed
- INTEGRATED UNDER BODY TIE DOWNS**
provides reinforced location for attaching cargo tie down straps

INTEGRATED DRIVER'S SIDE FUEL FILL
location depends on bed length and tank location
- LONG SILLS**
are an extended aluminum structural channel

AL-PGTB

GOOSENECK BODIES



- A. 40% LIGHTER THAN STEEL**
composed of Military-grade aluminum extrusions and Marine-grade aluminum sheeting, returning payload back to the operator

B. CONTOURED BULKHEAD
with stylized screened window provides maximum visibility and safety

C. MILITARY-GRADE ALUMINUM EXTRUDED PLANKS
perform double-duty, providing exceptional styling and strength for the floor, as well as unmatched structural strength as the cross sills

D. SIDE RAILS
are extruded Military-grade aluminum channel with a tapered edge, providing protection to the floor planks and allowing for cargo and product to be loaded and unloaded without damage

E. MILITARY-GRADE ALUMINUM RUB RAILS
external 3/8" thick rub rails installed on both sides of DRW bodies

F. REINFORCED STAKE POCKETS
are sized to accept 2"x4" lumber as well as Knapheide side options
- G. ALL LED CLEARANCE AND MARKER LIGHTS**
for visibility and added safety

H. INTEGRATED OVAL B/U AND S/T/T LED LIGHTS
on bulkhead and rear skirt

I. GOOSENECK HITCH
B&W Turnoverball® gooseneck hitch rated at 30,000 lbs. gross trailer weight and 7500 lbs. tongue weight. Includes safety chain attachment points that are recessed in the floor

J. 7-WAY TRAILER PLUG
located in rear skirt

FEATURES NOT SHOWN

A. DOUBLE paneled doors
made of galvaneal steel are reinforced with internal braces for durability

B. 3-POINT T-HANDLE LATCHES
ensure your compartment doors stay closed and are individually lockable

C. MASTER LOCKING SYSTEM
locks down all compartments on one side with one motion

D. Knapliner bumper
provides work surface with lockable through compartment, a vise plate, and two grip strut flex steps

E. HEAVY DUTY ALUMINUM GRAB HANDLES
installed on both sides at rear of the body for easy cargo area access

F. INTEGRATED LED S/T/T AND B/U, LED STROBES
with (8) selectable patterns and built-in reflectivity mounted to external rear light boxes made of UV-resistant ABS material

G. 16" HIGH DOUBLE PANEL SLAM TAILGATE
with center latch and flat space for displaying company graphics

H. CAB PROTECTOR
welded-on with fully punched window for visibility

I. (4) LED 3000 LUMEN WORK LIGHTS
installed (2 at front, 2 at rear) for low-light working conditions

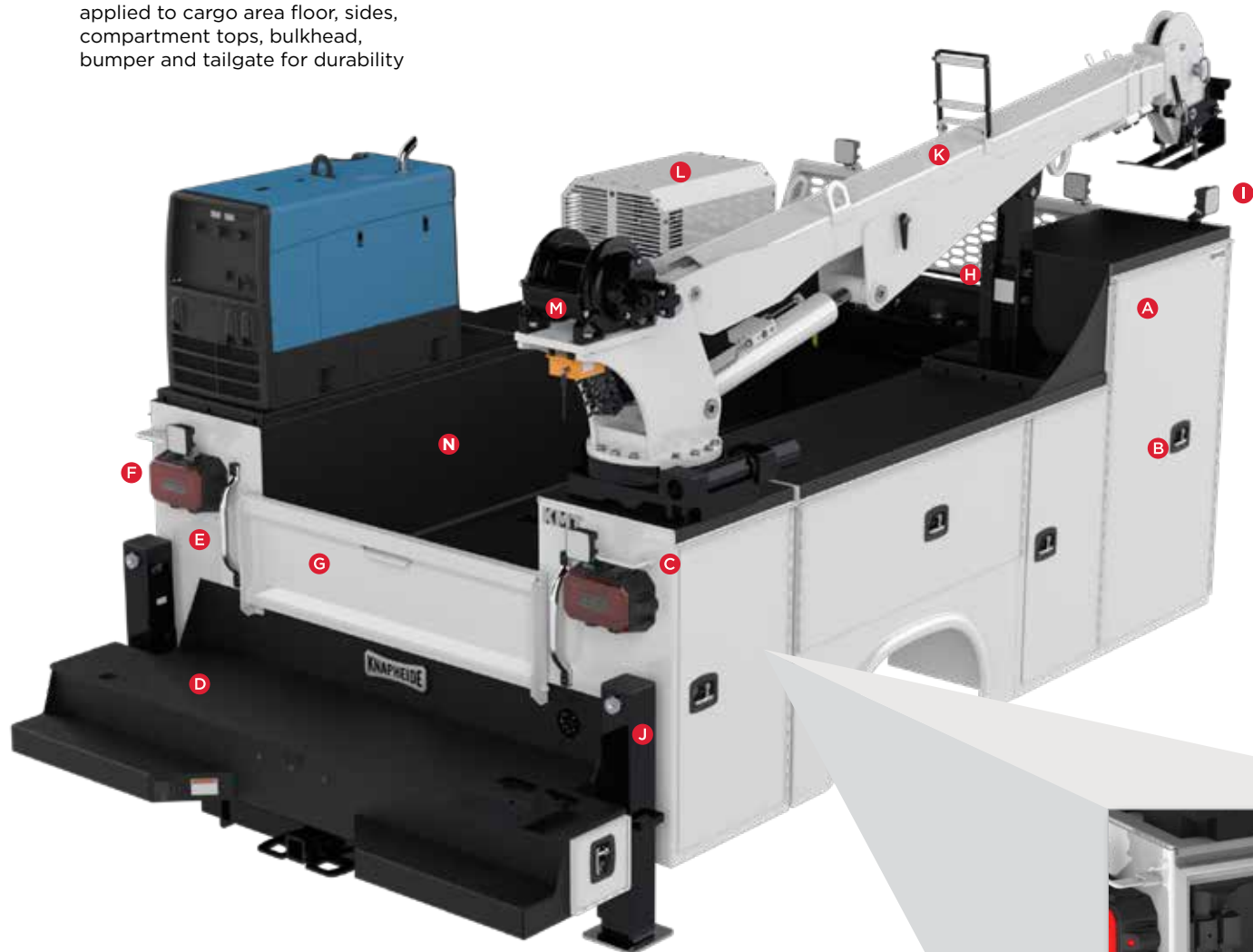
J. HYDRAULIC OUTRIGGERS
out-and-down curb side and hydraulic down street side for crane stability during lifting operations

K. 55,000 FT-LB. CRANE
with 21' hydraulic reach, provided by a two-stage hydraulic extension

L. RECIPROCATING HYDRAULIC COMPRESSOR
up to 40 CFM

M. PLANETARY WINCH
provides a 60 ft. per minute single line speed

N. Knapliner
applied to cargo area floor, sides, compartment tops, bulkhead, bumper and tailgate for durability



COMPARTMENT FEATURES



DOUBLE-SPRING OVER-CENTER RETAINER
on vertical compartment doors eliminate involuntary swing



NEOPRENE DOOR SEALS
protect compartments from the weather



ADJUSTABLE DIVIDER SHELVES
250-lb. capacity



CONTINUOUS STAINLESS STEEL HINGES
are pry-proof and corrosion-resistant

FEATURES NOT SHOWN

ALUMINUM MECHANIC 7-DRAWER SET
Extreme duty aluminum mechanic 7-drawer set on street side

SMALL PART STORAGE CONTAINERS
in horizontal compartment on street side

(6) D-RING CARGO TIE DOWNS
each D-ring provides a 2000 lb working load capacity

3/16" TREAD PLATE FLOOR
provides traction for safety

12-GAUGE GALVANNEAL STEEL
Compartment bottoms and end panels

Knapheide's WATER-BASED UNDERCOAT
Bodies are fully protected with Knapheide's water-based undercoat

MULTI-FUNCTION RADIO REMOTE CONTROL
provides convenient complete control of the crane

ELECTRODEPOSITION PRIME-PAINT SYSTEM
provides superior corrosion resistance

CRANE REINFORCEMENT KIT



50' X 1/2" COMPRESSOR HOSE REEL AND ROLLER FAIRLEAD
through curb side vertical compartment



POLYETHYLENE FORMED DRIP PAN WITH DRAIN HOSE
placed under the crane manages water intrusion through the crane pedestal



Knapheide CONTROLLER
power cell, controller and 8-button switch panel located in the rear crane compartment. CAN bus system with continuous working load of 115 amps features built-in overload current protection for system and operator system



REQUEST A QUOTE



Visit knapheide.com/quote and fill out the form to receive a quote and additional product information.

POPULAR OPTIONS



AUXILIARY LIGHTING



WELDER



LED COMPARTMENT LIGHTS



APU UNIT



ADDITIONAL MECHANIC DRAWERS



LUBE SKID



CARGO COVER



4x BUTTON KEYPAD



STEEL MECHANIC DRAWERS

FORESTRY BODIES

A. 14-GAUGE GALVANNEAL SMOOTH PANELS
are excellent for advertising graphics

B. 14-GAUGE GALVANNEAL ROOF PANEL
reinforced with integrated formed hat sections

C. PUNCHED VENTS
in upper side panels

D. LADDER BOX
with full length pole pruner shelf and lockable access door on curbside

E. 24" TALL, 16-GAUGE GALVANNEAL, DOUBLE-PANEL TAILGATE
swings open 270 degrees and latches in the open position

F. RECESSED LED LIGHTS
to meet DOT standards

G. STROBE LIGHTS
on front and rear of body



FEATURES NOT SHOWN

ELECTRODEPOSITION PRIME-PAINT SYSTEM
provides superior corrosion resistance

BODIES ARE FULLY PROTECTED WITH KNAPHEIDE'S WATER-BASED UNDERCOAT

FLOOR IS CONSTRUCTED OF 7" STRUCTURAL LONG SILLS, 12-GAUGE FLOOR PLATE AND 3" STRUCTURAL CHANNEL CROSS SILLS

POPULAR OPTIONS



COAL TAR INTERIOR



CONE HOLDER



FORESTRY CHOCK HOLDERS

STANDARD FORESTRY BODY STORAGE PACK

- One full width shelf is 54" long, centered side to side
- Three combination stationary/swivel hooks are mounted in the curbside compartment
- Recessed hinges create a pry resistant compartment
- Electrodeposition prime-paint system provides superior corrosion resistance
- L-Pack lower copartment has no interior wall for full width utilization between both compartments
- All packs include 3 point T-Handles and master lock system to ensure equipment is safely stowed away



COMPATIBLE HOISTS

MODEL	MINIMUM HOIST MODEL	CAPACITY	PUMP DRIVE
KFBN-1166	KHA-1516SF-ED	8.6 tons	Elec/DA
KFBN-1266	KHA-1516SF-ED	8.6 tons	Elec/DA
KFBS-1266	KHA-1520SF-ED	8.6 tons	Elec/DA

COMMITMENT TO CORROSION RESISTANCE

STEEL

Corrosion won't be a concern when you buy quality Knapheide products. To give you the best corrosion protection, we utilize a state-of-the-art, custom-designed, 12-step, SST cathodic electrodeposition finishing system, called "E-Coat."

It bonds prime paint to steel by an electroplating process to give you a superior coat of primer, resulting in better corrosion protection compared to spraying methods.

This system allows us to create products with the highest level of corrosion resistance available.

ALUMINUM

Aluminum bodies are naturally corrosion resistant. Where steel fasteners are used, those fasteners are coated with "EcoGuard" to eliminate the interaction between the steel and aluminum.

This aluminum assembly method allows us to create products with the highest level of corrosion resistance available.



FOLLOW US
LIKE US
TAG US



**TEN YEAR,
LIMITED TIME
WARRANTY**
ALUMINUM PRODUCTS

**SIX YEAR,
LIMITED TIME
WARRANTY**
SERVICE PRODUCTS

**THREE YEAR,
LIMITED TIME
WARRANTY**
STEEL PLATFORMS



**NO RUST
THROUGH**



**FREE FROM DEFECTS
IN WORKMANSHIP &
MATERIALS**



**LATCHES AND LOCK
CYLINDERS WILL NOT
FAIL TO OPERATE**

TO LEARN MORE VISIT
www.knapheide.com/warranty



NEVER SETTLE

If you are going to be a leader, it takes more than building a high-quality product. It means never being totally satisfied with that product, no matter how high quality it may be. It requires constant vigilance and a willingness to take a chance on something new. And it means exceeding expectations every time. As the industry changes, one thing never will—our commitment to making customers like you as productive and efficient as possible. We know you don't settle, and we don't either. That's why we want you never to settle for anything less than Knapheide on the back of your truck.

KNAPHEIDE. NEVER SETTLE.



The Knapheide Manufacturing Company
1848 Westphalia Strasse | Quincy, IL 62305
217-222-7131
www.knapheide.com



CV515 SFA

Sales Proposal For:
County of Hawaii

Presented By:
INTL TRUCKS OF HAWAII

Prepared For:

County of Hawaii
Nicole Charon
25 Aupuni St.
Hilo, HI 96720-
(808)961 - 8442
Reference ID: BID 4567

Presented By:

INTL TRUCKS OF HAWAII
Taylor Waltrip
91-554 KOMOHANA ST.
KAPOLEI HI 96707
808-682-8050

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2023 CV515 SFA (CV515)

AXLE CONFIG:	4X4
APPLICATION:	Landscape Dump
MISSION:	Requested GVWR: 17999. Calc. GVWR: 18000. Calc. GCWR: 30000 Calc. Start / Grade Ability: 42.78% / 4.00% @ 55 MPH Calc. Geared Speed: 102.5 MPH
DIMENSION:	Wheelbase: 175.00, CA: 59.80, Axle to Frame: 49.00
ENGINE, DIESEL:	{International 6.6} EPA 2024, 350HP @ 2500 RPM, 750 lb-ft Torque @ 1400 RPM, 2900 RPM Governed Speed, 350 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 1750 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 37,500-lb GCW Max, On/Off Highway
AXLE, FRONT DRIVING:	{Dana Spicer 60-256} Single Reduction, 7,500-lb Capacity, with Hub Piloted Wheel Mounting
AXLE, REAR, SINGLE:	{Dana Spicer S14-110} Single Reduction, 11,000-lb Capacity, 190 Wheel Ends Gear Ratio: 4.30
CAB:	Conventional 6-Man Crew Cab
TIRE, FRONT:	(2) 225/70R19.5 Load Range G HSR 5 (CONTINENTAL), 647 rev/mile, 87 MPH, All-Position
TIRE, REAR:	(4) 225/70R19.5 Load Range G HSR 5 (CONTINENTAL), 647 rev/mile, 87 MPH, All-Position
SUSPENSION, REAR, SINGLE:	11,000-lb Capacity, Vari-Rate Springs
PAINT:	Cab schematic 100CX Location 1: 9219, Winter White (Std) Chassis schematic N/A

<u>Code</u>	<u>Description</u>
CV51500	Base Chassis, Model CV515 SFA with 175.00 Wheelbase, 59.80 CA, and 49.00 Axle to Frame.

AXLE CONFIGURATION

1ANB	AXLE CONFIGURATION {Navistar} 4x4
	<u>Notes</u> : Pricing may change if axle configuration is changed.

ENGINE

12GAJ	ENGINE, DIESEL {International 6.6} EPA 2024, 350HP @ 2500 RPM, 750 lb-ft Torque @ 1400 RPM, 2900 RPM Governed Speed, 350 Peak HP (Max)
12VJW	EMISSION, CALENDAR YEAR {International 6.6} EPA, OBD and GHG Certified for Calendar Year 2024
12XCU	CARB EMISSION WARR COMPLIANCE for International 6.6 Engines
12WZJ	CARB IDLE COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door
10UAG	VEHICLE REGISTRATION IDENTITY ID for Other State << This new vehicle contains a non-Mitigated Legacy Engine and must be registered outside of the State of California. You may be held liable under California law for failure to properly register or otherwise failing to follow California law >> <u>Notes</u> : CANNOT BE REGISTERED IN CALIFORNIA. For vehicles that will be registered in States other than California.
12XZD	RADIATOR Aluminum, 3-Row, Down Flow, Front to Back System, 730 SqIn Louvered, with 578 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler
12TTM	FAN DRIVE Viscous Type, Screw On, Rear Tether, Electronically Controlled
12VGC	AIR CLEANER Single Element, with Water Separator
12WUS	GOVERNOR Electronic Road Speed Type; with 65 MPH Default
12WGG	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic Controlled, On/Off Switch Mounted on Dash, with Steering Wheel Button Control

TRANSMISSION

13BAR	TRANSMISSION, AUTOMATIC {Allison 1750 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 37,500-lb GCW Max, On/Off Highway
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13XAM	PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission
13WYY	SHIFT CONTROL PARAMETERS {Allison} 1000 or 2000 Series Transmissions, Performance Programming
13TLP	TRANSFER CASE {Meritor MTC-3203} 2-Speed, Gear Drive, 3,000 lb-ft Torque Rating, Less PTO Provision, Electric Shift Control <u>Notes</u> : Transfer Case Includes 40W Synthetic Lube

REAR AXLES, SUSPENSIONS

<u>Code</u>	<u>Description</u>
14ACV	AXLE, REAR, SINGLE {Dana Spicer S14-110} Single Reduction, 11,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 4.30
14SCG	SUSPENSION, REAR, SINGLE 11,000-lb Capacity, Vari-Rate Springs

FRONT AXLES

2EWA	AXLE, FRONT DRIVING {Dana Spicer 60-256} Single Reduction, 7,500-lb Capacity, with Hub Piloted Wheel Mounting
2WLC	AXLE, FRONT DRIVING, LUBE {EmGard FE-75W-90} Synthetic Oil; 1 thru 29.99 Pints

FRONT SUSPENSIONS

3AJN	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 7,500-lb Capacity, with Shock Absorbers
------	---

CABS, COWLS, BODIES

16196	CAB Conventional 6-Man Crew Cab <u>Includes</u> : CAB DOOR LOCKS Power Door Locks All Doors : DOME LIGHT, CAB with OFF/DOOR/ON Settings; Located in Overhead Console : READING LIGHT, CAB Located in Overhead Console : STEP (4) One Step Per Door : STORAGE POCKET, DOOR (2) Full Length, Driver and Passenger Door
16XCP	AIR BAG, FRONT, DRIVER SIDE
16XCR	AIR BAG, FRONT, PASSENGER SIDE
16XDE	AIR BAG, SIDE, DRIVER Seat Mounted, Outboard Side-Impact Airbag
16XDG	AIR BAG, SIDE, PASSENGER Seat Mounted, Outboard Side-Impact Airbag
16XDH	AIR BAG, SIDE CURTAIN Roof Mounted, for Front and Rear Outboard Seating Positions for Driver and Passenger Sides
16XZA	AIR CONDITIONER with Heater, Single Zone
16VKD	CAB INTERIOR TRIM Classic, for Crew Cab <u>Includes</u> : SUN VISOR (2) Vinyl
16CEM	COLOR, INTERIOR Dark Ash
16HCT	GAUGE CLUSTER English Speedometer, Includes English Odometer; Includes 3.5" Monochromatic Display with Personalization, Warning Messages and Vehicle Information
16BBA	GLASS, ALL WINDOWS Solar Absorbing, Tint
16ACB	MIRROR, INSIDE REAR VIEW with Manual Tilt
16SPS	MIRRORS (2) Manual Folding and Extending, Power Adjust, Heated, Turn Signal Indicator Located in Mirror, Black Heads and Arms, for 96" Load Width
16KVS	SEAT, DRIVER High Back with Integral Headrest, with Recline, Vinyl, Fixed Lumbar
16LVR	SEAT, TWO-MAN PASSENGER High Back with Integral Headrest in Outboard Position, Center Fold-Down Armrest with Storage, Vinyl, with Recline
16KZC	SEAT, REAR BENCH, Vinyl

<u>Code</u>	<u>Description</u>
16XCT	WINDOW, POWER (4) in Left and Right Doors, Front and Rear

FRAMES

1CGH	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield), Straight Top Flange with Contoured Bottom, Height Transitions from 7.375" (187.325mm) to 9.125" (231.775mm) to 7.625" (193.675mm); Width: 3.079" (78.21mm); Thickness: 0.3125" (7.94mm); 383.3" (9735.8mm) Max OAL
1LRZ	BUMPER, FRONT Contoured, Steel, Painted Black
1WEB	WHEELBASE RANGE 128" (325cm) Through and Including 183" (465cm)

BRAKES

4240	BRAKE SYSTEM, HYDRAULIC {Bosch} Split System, with Four Channel ABS, Traction Control, Electronic Stability Control, Hydromax Brake Booster with High Speed Master Cylinder and Trailer Sway Control
4GBJ	BRAKE, PARKING {Bosch} DSSA Type, 12" x 3"; for Hydraulic Brake Chassis; Foot Operated in Cab; Differential Mounted
4XCU	BRAKES, FRONT {Meritor Quadrauc} Hydraulic Disc Type, with Four 64mm Diameter Pistons, 8,000-lb Capacity
4EVD	DUST SHIELDS, FRONT BRAKE for Hydraulic Brakes
4XCV	BRAKES, REAR {Meritor Quadrauc} Hydraulic Disc Type, with Four 64mm Diameter Pistons, 15,500-lb Capacity per Axle
4EVE	DUST SHIELDS, REAR BRAKE for Hydraulic Brakes

STEERING

5PSS	STEERING GEAR {Bosch S2 8014 Plus} Power
5708	STEERING COLUMN Tilting
5CBG	STEERING WHEEL 4-Spoke; 15" Dia., Black

DRIVELINES

6DHD	DRIVELINE SYSTEM {Dana Spicer} SPL100 Main Driveline, Direct Mount Transfer Case to Transmission, SPL70 Driveline to Front Axle, for 4x4
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EXHAUST SYSTEMS

7BMV	EXHAUST SYSTEM Horizontal Dual Aftertreatment System, Frame Mounted Under Right Rail, for Single Horizontal Tail Pipe
7SDS	ENGINE EXHAUST BRAKE for International 6.6 Engine
7XAA	MANUAL REGEN Capability

ELECTRICAL SYSTEMS

8002	ELECTRICAL SYSTEM 12-Volt for CV Model
	<u>Includes</u>
	: HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
	: PARKING LIGHT PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
	: TURN SIGNALS, FRONT Includes Reflectors and Solid State Flashers; Flush Mounted
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature, Integral with Turn Signal Lever

<u>Code</u>	<u>Description</u>
8GJA	ALTERNATOR {Denso SC2} Brush Type, 12 Volt, 150 Amp Capacity
8VVB	BATTERY BOX Steel, with Plastic Cover, 2 Battery Capacity, Parallel to Rail, 28" Wide, Mounted Left Side Under Cab
8MVZ	BATTERY SYSTEM {VARTA} Maintenance-Free, (2) 12-Volt 1100CCA Total, Top Threaded Stud
8XJV	CLEARANCE/MARKER LIGHTS (5) Amber LED Lights, Flush Mounted on Cab
8XJN	HEADLIGHTS Halogen, Composite Aero Design, Black Trim Bezel, with Daytime Running Lights
8VBE	HORN, ELECTRIC (1) Trumpet Style
8RNN	RADIO AM/FM/USB Input/Auxiliary Input/SD Card Slot, with 4.2" Color Touch Panel Display
8RNU	SPEAKERS (6)
8XJW	STARTING MOTOR 12 Volt
8TUL	STOP, TURN, TAIL & B/U LIGHTS Multi-Function, Sealed, Incandescent Stop, Turn and Tail Lights, Backup Lights with Rear Reflex Reflector, Includes License Plate Light
8XJP	SWITCH, AUXILIARY 1 to 4 Latching Switches with 30-Amp Fuses
8HBW	TRAILER BRAKE CONTROL Integrated
8TRA	TRAILER CONNECTION SOCKET Mounted at Rear of Frame, Wired for Turn Signals Combined with Stop, Compatible with Trailers with Combined Stop, Tail, Turn Lamps

FRONT END

9WAY	FRONT END Tilting, Fiberglass, with Three Piece Construction
9WAC	BUG SCREEN Mounted Behind Grille
9WBN	FENDER EXTENSIONS Painted
9HBZ	GRILLE Molded in Dark Gray
9AAB	LOGOS EXTERIOR Model Badges

SPEEDOMETER, TOOLS, MISC

10WLP	GCWR RANGE GCWR Equal to or Less than 30,000-lb
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10XAW	GVWR WEIGHT CLASSIFICATION Class 5 (16,001-19,500 lbs)
10WJG	SPECIAL RATING, GVWR Limited to 18,000-lb GVWR

FUEL TANKS

15SZN	FUEL TANK Top Draw, Plastic, Rectangular, 17" Tank Depth, 40 US Gal (151L), Includes Auxiliary Draw Port and Fuel Filler Assembly, Mounted Between Frame Rails and Behind Rear Axle
15WDZ	DEF TANK 6.75 US Gal (26L) Capacity, Frame Mounted Outside Right Rail, Under Cab

WHEELS, TIRES - FRONT

27DTX	WHEELS, FRONT {Accuride 50180} DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
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<u>Code</u>	<u>Description</u>
7779445452	(2) TIRE, FRONT 225/70R19.5 Load Range G HSR 5 (CONTINENTAL), 647 rev/mile, 87 MPH, All-Position

WHEELS, TIRES - REAR

28DTX	WHEELS, REAR {Accuride 50180} DUAL DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7779445452	(4) TIRE, REAR 225/70R19.5 Load Range G HSR 5 (CONTINENTAL), 647 rev/mile, 87 MPH, All-Position

WHEELS, SPARE

26DTX	WHEEL, SPARE, DISC {Accuride 50180} 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted
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WHEELS MISC OPTIONS

OBD002	COATING IDENTITY, REAR WHEELS REQUESTING SPARE TIRE AND MOUNTING ON THE SPARE WHEEL (0026DTX)
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Services Section:**WARRANTY**

40131	WARRANTY Standard for CV515, Effective with Vehicles Built December 3, 2018 or Later, CTS-3000A
1	Kanpheide Quote L1281-24 4/03/24

Account Manager: Andy Wemhoener
awemhoener@knapheide.com
(217) 592-5020

Quote Prepared By: Josh Herzog
jherzog@knapheide.com
(217) 592-5425

Customer Information:

Customer: International Trucks Of Hawaii
Customer Number: 23667

End Customer: Hawaii Co. Of HI
Contact: Taylor Waltrip
Email: taylor.waltrip@intl-hi.com

Quote Information:

Quote Date: 04/03/2024

Quote Expiration: 06/02/2024

Quoted Qty: 1

Quote Terms: NET 30 DAYS
(Subject to Credit Approval)

Vehicle Information:

Year: 2024
Axle: Dual Rear Wheel
Engine:

Make: International
CA: 60 Inches
Fuel Type: Other

Model: CV515
Wheel Base: 175 Inches
Transmission:

Cab: Regular
GVWR: 18,000
2/4 WD: 4 Wheel Drive

Delivery Information:

Total Price Includes F.O.B.: Pasha Port, CA

Installer: Knapheide Kansas City
9001 NE Parvin Rd
Kansas City, MO
2175551212

Ship Via: Pool Dlvry

Base Quote Information:

Qty	Item Description	Notes/Specifications
1	9' Drop Side Dump Body	with 12" High Drop Sides Includes: -Tapered Cab Shield with Punched Window -Tapered Top Rail to Prevent Debris Build-Up -Quick Release, Double Acting, Double Panel Tailgate -Double-Acting Electric Hoist with Pendant Control -Toe Saver Brackets Located on Both Sides of End Rail for Operator Safety -7 Gauge HRCQ Steel Floor with Full Seam Weld Down Center -10 Gauge High Tensile Steel Full Cab -12 Gauge High Tensile Steel Sides -Trapezoidal, 7" Long Sills -Side Board Openings -ICC Bumper -Mud Flaps Included -LED Flush Mount Lights with Automotive Wire Harness -Factory Supplied Backup Camera Installed -K-Coat Corrosion Protection with Knapheide's Exclusive 12-Stage Electro-Coating Prime Paint System -Body Fully Undercoated -Finish Painted Black (Single Stage Enamel)
	Inside Bed Length - 111" Outside Bed Length - 114" Inside Width - 86.9" Outside Width - 95.88" Side Height - 12" Tailgate Height - 18"	Long Sill Height - 7" Side Type - Drop Sides Capacity - 2.5 Yards Paint: Prime only WARRANTY: Standard Knapheide Limited Warranty
1	Back Up Alarm	
1	Aftermarket Backup Camera	with 7" Color Monitor.
1	Whelen Mini LED Light Bar	Mounted on Cab Guard. To Be Visibal From Front and Rear.
1	5lb Fire Extinguisher	Buckeye 25614 Installed Behind Drivers Seat

Base Items Continued

1	Class V Receiver Hitch	with Combo Pintle/2" Ball Drawbar.
1	7-Way/4-Way Combo Plug	
1	1,600lb Lift/Dump Gate	Tommygate G2-92-1650 LD33
1	Pool Delivery to	Pasha Port 802 S Fries Ave Wilmington, CA 90744

The following options may be added:

<u>Opt#</u>	<u>Qty</u>	<u>Item Description</u>	<u>Notes/Specifications</u>
1	1	Electric Brake Controller	

Quoted price subject to the following:

1. Quoted price reflects the latest price in U.S. Dollars.
2. Quoted price is intended to be good until quote expiration date, but is subject to change.
3. Quoted price is F.O.B. Quincy Factory or F.O.B. Installation Point, as appropriate.
4. Prices applies to quantity quoted only, any change in quantity may result in price change.
5. Quotes are based on chassis make and model as originally provided by Customer and are subject to change based on variations of chassis design/specification submitted with Customer PO.
6. Prices are exclusive of all taxes and Customers shall pay any applicable sales, use, goods and services, consumption, excise or other tax and duties or tariffs that may be assessed.

Cancellation Policy:

All Cancellation requests will be reviewed and are subject to approval. All requests must be made in writing. Each order will be reviewed according to its status at time of request. Cancellation requests may be denied depending on the status of the order. If an order is canceled, charges will be assessed at time of cancellation. Knapheide is committed to mitigating cancellation charges as much as possible.

Warranty:

Standard Knapheide Limited Warranty applies to all product manufactured by Knapheide. Products sold by Knapheide but not manufactured by Knapheide are covered exclusively by the product manufacturer's warranty in effect at the time of delivery, if any.

Knapheide thanks you for the opportunity to quote.

LIMITED WARRANTY FOR CV 515
***Effective with vehicles built December 03, 2018 or later**

Basic Vehicle

Navistar®, Inc., at its option, will repair or replace any part of this vehicle that proves defective in material or workmanship, in normal use and service, with new or RENEWED™ parts, based on the Component Coverages below.

Coverage	Months	Miles	Kilometers	Hours
Basic Vehicle Warranty	36	36,000	60,000	Unlimited
First 90 Days from Delivery to User (DTU) + Towing	3	36,000	60,000	Unlimited
Frame Side Rails	60	Unlimited	Unlimited	Unlimited
Cab/Cowl Structure	60	Unlimited	Unlimited	Unlimited
Cab/Cowl Perforation Corrosion	60	Unlimited	Unlimited	Unlimited
Standard Batteries	12	36,000	60,000	Unlimited
International 6.6 Engine	60	100,000	160,000	Unlimited
Towing (Vehicles with International 6.6 Engine Failures Only)	60	100,000	160,000	Unlimited
Axles	36	36,000	60,000	Unlimited
Transfer Case	36	36,000	60,000	Unlimited
Brightwork, Chassis Paint and Corrosion (Other than Cab)	6	36,000	60,000	Unlimited
Hood/Cab Paint	12	36,000	60,000	Unlimited
Federal Emissions Coverage (Light Heavy Duty Diesel Engine)	60	50,000	80,000	Unlimited
CARB Emissions Coverage (Light Heavy Duty Diesel Engine)	60	100,000	160,000	3,000
Greenhouse Gas Emissions Coverage	60	100,000	160,000	Unlimited

Navistar Diesel Engine Coverage Includes:

Engine block, cylinder heads, internally lubricated components, fuel pump, high pressure pump, turbocharger, water pump, air compressor, injectors/nozzles; electronic engine modules, engine relays, engine sensors and regulators required for electronic engine operation, and certain aftertreatment components. Excluding: attaching accessories (e.g., fan clutch, alternator, starter, etc.), and externally mounted electrical and filtration systems.

What is Not Included Under Basic Coverage

Components/Items

- Components warranted by their respective manufacturers (such as non-International® brand engines, tires, Allison transmissions, lubricants, Cummins engines, Agility fuel systems, etc.)
- Bodies, equipment, and accessories installed by other than authorized International Truck employees at International Truck manufacturing plants
- Front and rear axle alignment
- Front and rear axle coverage excludes brakes, wheel ends, axle shafts, controls and attachments

Repairs & Maintenance

- Maintenance-related items/repairs, or those needed as a result of normal wear and tear, including tune-ups, brake/clutch linings, windshield wiper blades, tire balancing, lubrication, and other similar procedures/parts required to keep vehicle in good working condition
- Failures that are the result of poor fuel quality, water in fuel, rust, etc.
- Repairs needed as a result of vehicle misuse, negligent care, improper maintenance, improper operation, or the result of accident or collision
- Fade, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes such as improper polishes, cleaners or washing solutions, or chemical and industrial fallout
- Failure to observe published capacity or load specifications for engine, transmission, propeller shaft, axles (powertrain) and suspension

Other

- Vehicles sold and/or operated outside the United States and Canada
- This exception does not apply to vehicles that meet current US EPA emission standards, which were sold by an International dealer located in Mexico, if the vehicle is authorized by the US DOT to operate in long-haul, cross border transportation and the vehicle is only operated in the United States, Canada, and Mexico
- Vehicles/components that have had unauthorized alterations or modifications
- Vehicles on which the odometer reading has been altered
- Loss of time or use of the vehicle, loss of profits, inconvenience, or other consequential or incidental damages or expenses
- Replacement of defective parts with parts other than those provided by Navistar, Inc.

LIMITED WARRANTY FOR CV 515
***Effective with vehicles built December 03, 2018 or later**

Obtaining Service

Return this vehicle to any International Truck dealer authorized to service this model vehicle and engine.

This warranty is automatically transferred to subsequent owners at no charge. Visit your local Authorized International Truck dealer for name and address change information.

Note: The customer has 365 days and up to a maximum of 100,000 miles (160,000 km) from DTU to purchase an extended warranty on the unit. For extended warranty purchases between 181 and 365 days from DTU and <100,000 miles (160,000 km) an additional fee will be assessed. See your local International dealer for details.

Disclaimer

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER.

No person is authorized to give any other warranties or to assume any liabilities on the Company's behalf unless made or assumed in writing by the Company, and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Telematics Data Disclosure

Your Navistar vehicle may include an activated telematics subscription service. By accepting this Limited Warranty, you consent to our collection and use of data from your vehicle as set forth at www.oncommandconnection.com on behalf of yourself and any vehicle operators and passengers. Navistar, Inc., or its affiliates will collect and send diagnostic and system data from your vehicle and use it for various purposes as further set forth in our Privacy Policy, posted at www.oncommandconnection.com, such as improving the uptime for your vehicle, improving our vehicles in the future, and reducing warranty events. If you choose not to allow Navistar to access your data, you may suspend your subscription at www.InternationalTrucks.com/Opt-Out.

Record of Ownership

Upon receipt of new vehicle by original owner, complete the following:

I have read this Warranty Brochure and fully understand the warranty coverage. I acknowledge that I have received a copy of the Owner's Limited Warranty and I accept the terms described herein.

Customer Signature

Date

Owner's Address

City

State/Prov Postal Code

Truck Model

Vehicle Identification Number

Engine Model Number

Engine Serial Number

Date Delivered to User (DTU)

Odometer Reading at Delivery

IMPORTANT: The information contained in this Warranty Policy explains the coverage provided on your new International vehicle. This policy should be kept in the vehicle for presentation to the Dealer when you request warranty services.

ITEM 1
SPECIFICATIONS

General Requirement: Six passenger Dump Truck, 4x4, four doors, minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission. Similar to Chevy Silverado 3500HD With Lift Gate, Lift gate specs at end.

***Bidder's
Exceptions***

Engine: Minimum 6.0 Liter, Turbo-Diesel, heavy duty engine cooling, Diesel Exhaust Brake.

YES

Electrical: 12 volt DC negative ground system, electronic ignition.

Interior Climate: Fresh air heater and defroster, manufacturer's standard air conditioning with manual controls.

Trans-
mission: Allison Automatic Transmission, Part time 4-wheel drive with low range Capability, 3.42 Rear axle Ratio.

Brakes: Power assist 4-wheel disc brakes.

Suspension: Independent front suspension with Heavy Duty Springs
Solid Rear axle configuration

Steering: Hydraulic Power assisted

Interior: Vinyl bench or split-bench seat, six seat belts, standard rubber flooring, dual sun visors.

Wheels &
Tires: Seven (7) full size as required by GVW.

Mirrors: dual swing-away extendable towing, lower convex, power mirrors

Windshield: Tinted glass two-speed + intermittent windshield wiper with washer.

Windows: All windows 35% tinted to conform with Hawaii State law, full locking power, rain guards on all four doors.



ITEM 1- CONTINUED

General Requirement: Six passenger Dump Truck, 4x4, four doors, minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission. Similar to Chevy Silverado 3500HD With Lift Gate, Lift gate specs at end.

Bidder's Exceptions

Radio: Manufacture standard infotainment system

Gauges: Gauges for fuel, oil pressure, engine temperature and amp or voltmeter.
Transmission Temp and DEF gauges

Rust Proofing: Ziebart or other locally applied equal with minimum three year/30,000 mile written warranty.

Cargo Box: 2-yard cubic drop side dump body minimum, 3 yard maximum, Knapheide KDBDS912, or equal. Ends & sides of minimum 12-gauge, floor of minimum 10-gauge 50,000 PSI yield high strength alloy steel. 9' long x 78" inside width with 12" high sides, 26.5" Tapered bulkhead. Bulkhead to be furnished with minimum ¼, maximum ½-cab protector shield and rear-view mirror, cut out with screen. 7" interlocking longills. Side board pocket extensions with rubber removable 4" "cheater" boards. Mud flaps fore and aft of rear wheels. Safety body prop and all lights and reflectors as required to meet Federal and State requirements. Builder to caution on height of bed not to exceed 60" from ground to top of bed side unless authorized by the County of Hawaii

Hoist: Underbody subframe scissor hoist, 8.7-ton light capacity, single acting, NTEA performance class 10. Electric pump with push button control, mounted in cab near diver side.

Accessories:

1. Back-up warning device.
2. Back-up camera.
3. Combination, alternating amber & clear (amber, clear, amber, clear, etc.) Full furnished LED mini light bar with stainless steel brush guard atop cab with controls in cab on driver's side, Wired to ignition on. Whelen Mini Legacy or Liberty II Mini LED lightbar, model IT9ACACP

ITEM 1- CONTINUED

General Requirement: Six passenger Dump Truck, 4x4, four doors, minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission. Similar to Chevy Silverado 3500HD With Lift Gate, Lift gate specs at end.

Bidder's Exceptions

Accessories

Con't: LED mini light bar must be visible from front and rear of vehicle.

One (1) 5# Dry chemical fire extinguisher per vehicle, to be mounted in cab by manufacturer.

Tow package – includes trailer hitch with dual tow chain hooks, removable pintle and 2" ball hitch combination; Dual Standard 7-way

and Flat 4 trailer light receptacle, manufacture standard integrated

trailer brake controller.

Three (3) each operator's manual, service manual, emission manual, and parts manual per vehicle with one (1)

set on CD.

Manufactures standard full length running board.

White color.

One (1) programable two-way VHF mobile radio Motorola

Model APX4500 P25 Phase 2

shall be Mounted in cab. All accessories to provide a complete and fully

Functional system shall be provided. Mobile radio shall be accessed

From both driver and passenger seat positions.

Features to Include

- Astro Digital
- Smartzone operation
- P25 9600 Baud trunking
- TDMA Operation
- Over the Air Programing P25
- APCO Packet data Interface
- Smart Zone Operation

Programing Shall be done by Highways Division

Warranty: The vendor shall provide full extended vehicle warranty for parts and labor.

The vendor shall include all costs, including travel and shipping costs, for all related warranty work.

ITEM 1- CONTINUED

General Requirement: Six passenger Dump Truck, 4x4, four doors, minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission. Similar to Chevy Silverado 3500HD With Lift Gate, Lift gate specs at end.

***Bidder's
Exceptions***

Lift Gate Specs

Hydraulic Lift Gate, similar or equal to Tommy Gate G2 Series, G2-92-1650 LD34 model, newest model

Application: Dump Box

Capacity: 1600 lbs.

Platform Detail: One-piece steel treadplate w/ dump-through capability, 36" loading depth, and a 6" taper, rubber platform bumpers

Drive System: Dual Hydraulic Cylinders

Hydraulic System: Enclosed Unit - all critical components are factory enclosed in main frame of gate providing protection from elements and damage. Easy access for servicing. Pressure Relief Valve - prevents operator from overloading the platform. Cylinder Mounted Flow Control Valves - prevents uncontrolled descent of platform.

Electrical System: Control Unit - moisture resistant standard fixed control and remote pendant control / deactivates 90 seconds after last operation (helps prevent unauthorized use) /timer reset and on-off button permanently and conveniently located on control unit and positioned under logo and bulls eye respectively. Circuit Breaker - 150 Amp continuous, 3000 Amp Interrupt, 30 VDC, Watertight, Manual Reset. Mounted in-line with 4 AWG positive battery cable, protects vehicle in the event of an electrical short. Power/Ground Cable - factory supplied 4 AWG ground cable molded with power cable. Providing a direct connection from liftgate to truck battery. In-cab, shut off switch.

ITEM 1- CONTINUED

General Requirement: Six passenger Dump Truck, 4x4, four doors, minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission. Similar to Chevy Silverado 3500HD With Lift Gate, Lift gate specs at end.

***Bidder's
Exceptions***

Lift Gate Specs- continued

Drive Train: Parallel Arm Pins - 3/4" (19mm) OD hard chrome plated steel round. Parallel

Arm Pin Bushings - self-lubricating composite.

Safety: Curb-side Fixed Control - timer deactivates 90 seconds after last operation (helps prevent unauthorized use). Pressure Relief Valve - prevents operator from overloading the platform.

Misc.: Price to include installation and all associated installation costs (to be installed on a 1-ton Crew Cab with a Knapheide dump box, model KDBDS912).

Warranty: The vendor shall provide full machine warranty for parts and labor.

The vendor shall include all costs, including travel costs, for all related warranty work.

Three (3) year warranty against defects in materials and workmanship.



CV515 SFA

Sales Proposal For:

County of Hawaii

Presented By:

INTL TRUCKS OF HAWAII

Prepared For:

County of Hawaii
Nicole Charon
25 Aupuni St.
Hilo, HI 96720-
(808)961 - 8442
Reference ID: Curbtender

Presented By:

INTL TRUCKS OF HAWAII
Taylor Waltrip
91-554 KOMOHANA ST.
KAPOLEI HI 96707
808-682-8050

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2024 CV515 SFA (CV515)

AXLE CONFIG:	4X2
APPLICATION:	Stake Flat
MISSION:	Requested GVWR: 17999. Calc. GVWR: 18000. Calc. GCWR: 30000 Calc. Start / Grade Ability: 42.78% / 5.37% @ 55 MPH Calc. Geared Speed: 90.3 MPH
DIMENSION:	Wheelbase: 165.00, CA: 83.80, Axle to Frame: 63.00
ENGINE, DIESEL:	{International 6.6} EPA 2024, 350HP @ 2500 RPM, 750 lb-ft Torque @ 1400 RPM, 2900 RPM Governed Speed, 350 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 1750 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 37,500-lb GCW Max, On/Off Highway
AXLE, FRONT NON-DRIVING:	{Dana Spicer D-800N} I-Beam Type, 7,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S14-110} Single Reduction, 11,000-lb Capacity, 190 Wheel Ends Gear Ratio: 4.88
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 225/70R19.5 Load Range G HSR 5 (CONTINENTAL), 647 rev/mile, 87 MPH, All-Position
TIRE, REAR:	(4) 225/70R19.5 Load Range G HSR 5 (CONTINENTAL), 647 rev/mile, 87 MPH, All-Position
SUSPENSION, REAR, SINGLE:	11,000-lb Capacity, Vari-Rate Springs
PAINT:	Cab schematic 100CX Location 1: 9219, Winter White (Std) Chassis schematic N/A

<u>Code</u>	<u>Description</u>
CV51500	Base Chassis, Model CV515 SFA with 165.00 Wheelbase, 83.80 CA, and 63.00 Axle to Frame.

AXLE CONFIGURATION

1ANA	AXLE CONFIGURATION {Navistar} 4x2
	<u>Notes</u> : Pricing may change if axle configuration is changed.

ENGINE

12GAJ	ENGINE, DIESEL {International 6.6} EPA 2024, 350HP @ 2500 RPM, 750 lb-ft Torque @ 1400 RPM, 2900 RPM Governed Speed, 350 Peak HP (Max)
12VJW	EMISSION, CALENDAR YEAR {International 6.6} EPA, OBD and GHG Certified for Calendar Year 2024
12XCU	CARB EMISSION WARR COMPLIANCE for International 6.6 Engines
12WZB	CARB IDLE COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
10UAG	VEHICLE REGISTRATION IDENTITY ID for Other State << This new vehicle contains a non-Mitigated Legacy Engine and must be registered outside of the State of California. You may be held liable under California law for failure to properly register or otherwise failing to follow California law >> <u>Notes</u> : CANNOT BE REGISTERED IN CALIFORNIA. For vehicles that will be registered in States other than California.
12XZD	RADIATOR Aluminum, 3-Row, Down Flow, Front to Back System, 730 SqIn Louvered, with 578 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler
12TTM	FAN DRIVE Viscous Type, Screw On, Rear Tether, Electronically Controlled
12VGC	AIR CLEANER Single Element, with Water Separator
12WUS	GOVERNOR Electronic Road Speed Type; with 65 MPH Default
12WGG	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic Controlled, On/Off Switch Mounted on Dash, with Steering Wheel Button Control

TRANSMISSION

13BAR	TRANSMISSION, AUTOMATIC {Allison 1750 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 37,500-lb GCW Max, On/Off Highway
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13XAK	PTO LOCATION Customer Intends to Install PTO at Right Side of Transmission
13WYY	SHIFT CONTROL PARAMETERS {Allison} 1000 or 2000 Series Transmissions, Performance Programming

REAR AXLES, SUSPENSIONS

14ACV	AXLE, REAR, SINGLE {Dana Spicer S14-110} Single Reduction, 11,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 4.88
14SCG	SUSPENSION, REAR, SINGLE 11,000-lb Capacity, Vari-Rate Springs
14WMN	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 1 thru 29.99 Pints

<u>Code</u>	<u>Description</u>
FRONT AXLES	
2AJK	AXLE, FRONT NON-DRIVING {Dana Spicer D-800N} I-Beam Type, 7,000-lb Capacity
FRONT SUSPENSIONS	
3AGN	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 7,000-lb Capacity, with Shock Absorbers
CABS, COWLS, BODIES	
16030	CAB Conventional, Day Cab <u>Includes</u> : CAB DOOR LOCKS Power Door Locks All Doors : DOME LIGHT, CAB with OFF/DOOR/ON Settings; Located in Overhead Console : READING LIGHT, CAB Located in Overhead Console : STEP (2) One Per Door : STORAGE POCKET, DOOR (2) Full Length, Driver and Passenger Door
16XCP	AIR BAG, FRONT, DRIVER SIDE
16XCR	AIR BAG, FRONT, PASSENGER SIDE
16XDE	AIR BAG, SIDE, DRIVER Seat Mounted, Outboard Side-Impact Airbag
16XDG	AIR BAG, SIDE, PASSENGER Seat Mounted, Outboard Side-Impact Airbag
16XDH	AIR BAG, SIDE CURTAIN Roof Mounted, for Front and Rear Outboard Seating Positions for Driver and Passenger Sides
16XZA	AIR CONDITIONER with Heater, Single Zone
16VKB	CAB INTERIOR TRIM Classic, for Day Cab <u>Includes</u> : SUN VISOR (2) Vinyl
16CEM	COLOR, INTERIOR Dark Ash
16HCT	GAUGE CLUSTER English Speedometer, Includes English Odometer; Includes 3.5" Monochromatic Display with Personalization, Warning Messages and Vehicle Information
16BBA	GLASS, ALL WINDOWS Solar Absorbing, Tint
16ACA	MIRROR, INSIDE REAR VIEW Omit
16SPS	MIRRORS (2) Manual Folding and Extending, Power Adjust, Heated, Turn Signal Indicator Located in Mirror, Black Heads and Arms, for 96" Load Width
16KVS	SEAT, DRIVER High Back with Integral Headrest, with Recline, Vinyl, Fixed Lumbar
16LVR	SEAT, TWO-MAN PASSENGER High Back with Integral Headrest in Outboard Position, Center Fold-Down Armrest with Storage, Vinyl, with Recline
16WAK	WINDOW, POWER (2) in Left and Right Doors
FRAMES	
1CGH	FRAME RAILS High Strength Low Alloy Steel (50,000 PSI Yield), Straight Top Flange with Contoured Bottom, Height Transitions from 7.375" (187.325mm) to 9.125" (231.775mm) to 7.625" (193.675mm); Width: 3.079" (78.21mm); Thickness: 0.3125" (7.94mm); 383.3" (9735.8mm) Max OAL
1LRZ	BUMPER, FRONT Contoured, Steel, Painted Black

<u>Code</u>	<u>Description</u>
1WND	AF RANGE 50" (128cm) Through and Including 75" (190cm)
1WEB	WHEELBASE RANGE 128" (325cm) Through and Including 183" (465cm)

BRAKES

4240	BRAKE SYSTEM, HYDRAULIC {Bosch} Split System, with Four Channel ABS, Traction Control, Electronic Stability Control, Hydromax Brake Booster with High Speed Master Cylinder and Trailer Sway Control
4GBJ	BRAKE, PARKING {Bosch} DSSA Type, 12" x 3"; for Hydraulic Brake Chassis; Foot Operated in Cab; Differential Mounted
4XCU	BRAKES, FRONT {Meritor Quadraulic} Hydraulic Disc Type, with Four 64mm Diameter Pistons, 8,000-lb Capacity
4EVD	DUST SHIELDS, FRONT BRAKE for Hydraulic Brakes
4XCV	BRAKES, REAR {Meritor Quadraulic} Hydraulic Disc Type, with Four 64mm Diameter Pistons, 15,500-lb Capacity per Axle
4EVE	DUST SHIELDS, REAR BRAKE for Hydraulic Brakes

STEERING

5PSS	STEERING GEAR {Bosch S2 8014 Plus} Power
5708	STEERING COLUMN Tilting
5CBG	STEERING WHEEL 4-Spoke; 15" Dia., Black

DRIVELINES

6DGA	DRIVELINE SYSTEM {Dana Spicer} SPL100, for 4x2/6x2
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EXHAUST SYSTEMS

7BMV	EXHAUST SYSTEM Horizontal Dual Aftertreatment System, Frame Mounted Under Right Rail, for Single Horizontal Tail Pipe
7SDS	ENGINE EXHAUST BRAKE for International 6.6 Engine
7XAA	MANUAL REGEN Capability

ELECTRICAL SYSTEMS

8002	ELECTRICAL SYSTEM 12-Volt for CV Model <u>Includes</u> : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : PARKING LIGHT PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : TURN SIGNALS, FRONT Includes Reflectors and Solid State Flashers; Flush Mounted : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature, Integral with Turn Signal Lever
8GJA	ALTERNATOR {Denso SC2} Brush Type, 12 Volt, 150 Amp Capacity
8VVB	BATTERY BOX Steel, with Plastic Cover, 2 Battery Capacity, Parallel to Rail, 28" Wide, Mounted Left Side Under Cab
8MVZ	BATTERY SYSTEM {VARTA} Maintenance-Free, (2) 12-Volt 1100CCA Total, Top Threaded Stud

<u>Code</u>	<u>Description</u>
8HXV	BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Crew Cab at Left Frame; Includes One Sealed Connector for Separate Ground/Backup/Left and Right Hand Turn, Left and Right Hand Tail/Stop/Accessory Power and Combined for Left and Right Hand Stop/Turn
8RNY	CAMERA SYSTEM, REAR VIEW Includes Camera, Mounting, Wiring and Interface to the Monitor, for the Back-up Camera System
8XJV	CLEARANCE/MARKER LIGHTS (5) Amber LED Lights, Flush Mounted on Cab
8XJM	HEADLIGHTS Halogen, Composite Aero Design, Chrome Trim Bezel, with Daytime Running Lights
8VBE	HORN, ELECTRIC (1) Trumpet Style
8RNN	RADIO AM/FM/USB Input/Auxiliary Input/SD Card Slot, with 4.2" Color Touch Panel Display
8RNU	SPEAKERS (6)
8XJW	STARTING MOTOR 12 Volt
8TUL	STOP, TURN, TAIL & B/U LIGHTS Multi-Function, Sealed, Incandescent Stop, Turn and Tail Lights, Backup Lights with Rear Reflex Reflector, Includes License Plate Light
8XJP	SWITCH, AUXILIARY 1 to 4 Latching Switches with 30-Amp Fuses

FRONT END

9WAY	FRONT END Tilting, Fiberglass, with Three Piece Construction
9WAC	BUG SCREEN Mounted Behind Grille
9WBN	FENDER EXTENSIONS Painted
9HCG	GRILLE Chrome, with Chrome Headlight Bezels
9AAB	LOGOS EXTERIOR Model Badges

SPEEDOMETER, TOOLS, MISC

10WLP	GCWR RANGE GCWR Equal to or Less than 30,000-lb
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10XAW	GVWR WEIGHT CLASSIFICATION Class 5 (16,001-19,500 lbs)
10WJG	SPECIAL RATING, GVWR Limited to 18,000-lb GVWR

FUEL TANKS

15SZP	FUEL TANK Top Draw, Plastic, Rectangular, 17" Tank Depth, 25 US Gal (95L), Includes Auxiliary Draw Port and Fuel Filler Assembly, Mounted Between Frame Rails and Forward of Rear Axle
15WDZ	DEF TANK 6.75 US Gal (26L) Capacity, Frame Mounted Outside Right Rail, Under Cab

WHEELS, TIRES - FRONT

27DTX	WHEELS, FRONT {Accuride 50180} DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7779445452	(2) TIRE, FRONT 225/70R19.5 Load Range G HSR 5 (CONTINENTAL), 647 rev/mile, 87 MPH, All-Position

WHEELS, TIRES - REAR

Code	Description
28DTX	WHEELS, REAR {Accuride 50180} DUAL DISC; 19.5x6.75 Rims, Powder Coat Steel, 4-Hand Hole, 8-Stud, 275mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7779445452	(4) TIRE, REAR 225/70R19.5 Load Range G HSR 5 (CONTINENTAL), 647 rev/mile, 87 MPH, All-Position

Services Section:

WARRANTY

40131	WARRANTY Standard for CV515, Effective with Vehicles Built December 3, 2018 or Later, CTS-3000A
1	6 YD CURBTENDER, per Quote #6145, dated 8/3/23 from Amy Simon. Does NOT include Vulcan Scales or training. PLUS 4% INCREASE



Quote #: 6145

Reseller: Corporate

Reseller Phone:

Created By: Amy Simon

Ship-to Address:

INTERNATIONAL TRUCKS OF HONOLULU
IAN

91-554 KOMOHANA STREET

KAPOLEI, HI 96707

United States

Customer: INTERNATIONAL TRUCKS
OF HONOLULU

Customer Phone:

Customer Fax:

Email:

Bill-to Address:

INTERNATIONAL TRUCKS OF HONOLULU
IAN

91-554 KOMOHANA STREET

KAPOLEI, HI 96707

United States

Item	Item Description	Qty	Price	Total
QUANTUM (RL) - 03.23				
QT06 (2023)	QUANTUM 6YD REAR LOADER	1		
CM01-QT	Truck Mounted	1		
RM01-QT	Factory Installation	1		
	BODY CONTROLS: CURBTENDER IN-CAB CONTROL BOX			
CM05-QT	Diesel	1		
CP01-QT	Pump, PTO, Hotshift	1		
RT01-QT	No Commercial Container Kick Bar	1		
RT04-QT	No Winch Kit	1		
RT09-QT	No Lip & Latch	1		
RT14-QT	Center Mount Tipper Prep	1		
RT18-QT	No Cart Tipper	1		
RT31-QT	No Aftermarket Prep	1		
CH08-QT	Hyd Tank Clean Out & Inspection Port	1		
RB01-QT	Rear Riding Steps (Std)	1		
RB04-QT	3/16" AR400 Hopper Lower Sidewall Liner	1		
CB09-QT	Forward Rubber Mud Flaps w/ Anti Sail	1		
CL01-QT	LED Stop/Tail/Turn/Reverse Lighting (Std)	1		
RL01-QT	LED Dual Hopper Work Lights	1		
RL03-QT	LED Tailgate Step Work Lights	1		
RL11-QT	LED Rear Strobe, Single, High Profile Center Mount	1		
RS02-QT	Access Door Interlock, Streetside (Std)	1		
RS03-QT	Dual PTO Shut off (Std)	1		
RS04-QT	Driver Alert, Curbside (Std)	1		
RS05-QT	Driver Alert, Streetside	1		
CS12-QT	Curbtender Camera System W/ 5" Monitor	1		
RS07-QT	Rear Back-up Camera	1		
RS13-QT	Misc Camera Location (Specify)	1		
CA01-QT	Body Protective Under Coating	1		
CA03-QT	Zinc Prime Upgrade	1		
CA05-QT	Custom Non-Metallic	1		
	SPECIFY PAINT BRAND & CLR48114 CODE FOR REFERENCE:			
CD01-QT	Standard RFP/RFQ Purchase	1		
RW02-QT	Extended Warranty, Body, 12 Additional Months	1		
RW06-QT	Extended Warranty, Cylinder, 12 Additional Months	1		
CD04-QT	Municipal Customer Discount	1		
CD05-QT	Repeat Customer Discount	1		
	BUYERS TOOLBOX	1		

MARKET VOLATILITY:

DUE TO EXTREME DISRUPTIONS TO SUPPLY CHAIN, RAPID INFLATION, AND GENERAL MARKET VOLATILITY, CURBTENDER RESERVES THE RIGHT TO INCREASE PRICES TO CUSTOMER AS LONG AS NOTIFICATION IS MADE NO LATER THAN 30 DAYS FROM EXPECTED BODY PRODUCTION DATE. IN ANY CASE, CURBTENDER GUARANTEES THAT *IF* A PRICE INCREASE IS NECESSARY, IT SHALL NOT EXCEED 5% FROM QUOTED PRICE.

SPEC CONFIRMATION:

QUOTE IS NOT CONSIDERED FIRM UNTIL IT HAS BEEN SUBMITTED FOR ENGINEERING REVIEW AND APPROVED BY CURBTENDER.

LIMITED WARRANTY FOR CV 515
***Effective with vehicles built December 03, 2018 or later**

Basic Vehicle

Navistar®, Inc., at its option, will repair or replace any part of this vehicle that proves defective in material or workmanship, in normal use and service, with new or RENEWED™ parts, based on the Component Coverages below.

Coverage	Months	Miles	Kilometers	Hours
Basic Vehicle Warranty	36	36,000	60,000	Unlimited
First 90 Days from Delivery to User (DTU) + Towing	3	36,000	60,000	Unlimited
Frame Side Rails	60	Unlimited	Unlimited	Unlimited
Cab/Cowl Structure	60	Unlimited	Unlimited	Unlimited
Cab/Cowl Perforation Corrosion	60	Unlimited	Unlimited	Unlimited
Standard Batteries	12	36,000	60,000	Unlimited
International 6.6 Engine	60	100,000	160,000	Unlimited
Towing (Vehicles with International 6.6 Engine Failures Only)	60	100,000	160,000	Unlimited
Axles	36	36,000	60,000	Unlimited
Transfer Case	36	36,000	60,000	Unlimited
Brightwork, Chassis Paint and Corrosion (Other than Cab)	6	36,000	60,000	Unlimited
Hood/Cab Paint	12	36,000	60,000	Unlimited
Federal Emissions Coverage (Light Heavy Duty Diesel Engine)	60	50,000	80,000	Unlimited
CARB Emissions Coverage (Light Heavy Duty Diesel Engine)	60	100,000	160,000	3,000
Greenhouse Gas Emissions Coverage	60	100,000	160,000	Unlimited

Navistar Diesel Engine Coverage Includes:

Engine block, cylinder heads, internally lubricated components, fuel pump, high pressure pump, turbocharger, water pump, air compressor, injectors/nozzles; electronic engine modules, engine relays, engine sensors and regulators required for electronic engine operation, and certain aftertreatment components. Excluding: attaching accessories (e.g., fan clutch, alternator, starter, etc.), and externally mounted electrical and filtration systems.

What is Not Included Under Basic Coverage

Components/Items

- Components warranted by their respective manufacturers (such as non-International® brand engines, tires, Allison transmissions, lubricants, Cummins engines, Agility fuel systems, etc.)
- Bodies, equipment, and accessories installed by other than authorized International Truck employees at International Truck manufacturing plants
- Front and rear axle alignment
- Front and rear axle coverage excludes brakes, wheel ends, axle shafts, controls and attachments

Repairs & Maintenance

- Maintenance-related items/repairs, or those needed as a result of normal wear and tear, including tune-ups, brake/clutch linings, windshield wiper blades, tire balancing, lubrication, and other similar procedures/parts required to keep vehicle in good working condition
- Failures that are the result of poor fuel quality, water in fuel, rust, etc.
- Repairs needed as a result of vehicle misuse, negligent care, improper maintenance, improper operation, or the result of accident or collision
- Fade, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes such as improper polishes, cleaners or washing solutions, or chemical and industrial fallout
- Failure to observe published capacity or load specifications for engine, transmission, propeller shaft, axles (powertrain) and suspension

Other

- Vehicles sold and/or operated outside the United States and Canada
- This exception does not apply to vehicles that meet current US EPA emission standards, which were sold by an International dealer located in Mexico, if the vehicle is authorized by the US DOT to operate in long-haul, cross border transportation and the vehicle is only operated in the United States, Canada, and Mexico
- Vehicles/components that have had unauthorized alterations or modifications
- Vehicles on which the odometer reading has been altered
- Loss of time or use of the vehicle, loss of profits, inconvenience, or other consequential or incidental damages or expenses
- Replacement of defective parts with parts other than those provided by Navistar, Inc.

LIMITED WARRANTY FOR CV 515
***Effective with vehicles built December 03, 2018 or later**

Obtaining Service

Return this vehicle to any International Truck dealer authorized to service this model vehicle and engine.

This warranty is automatically transferred to subsequent owners at no charge. Visit your local Authorized International Truck dealer for name and address change information.

Note: The customer has 365 days and up to a maximum of 100,000 miles (160,000 km) from DTU to purchase an extended warranty on the unit. For extended warranty purchases between 181 and 365 days from DTU and <100,000 miles (160,000 km) an additional fee will be assessed. See your local International dealer for details.

Disclaimer

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER.

No person is authorized to give any other warranties or to assume any liabilities on the Company's behalf unless made or assumed in writing by the Company, and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

Telematics Data Disclosure

Your Navistar vehicle may include an activated telematics subscription service. By accepting this Limited Warranty, you consent to our collection and use of data from your vehicle as set forth at www.oncommandconnection.com on behalf of yourself and any vehicle operators and passengers. Navistar, Inc., or its affiliates will collect and send diagnostic and system data from your vehicle and use it for various purposes as further set forth in our Privacy Policy, posted at www.oncommandconnection.com, such as improving the uptime for your vehicle, improving our vehicles in the future, and reducing warranty events. If you choose not to allow Navistar to access your data, you may suspend your subscription at www.InternationalTrucks.com/Opt-Out.

Record of Ownership

Upon receipt of new vehicle by original owner, complete the following:

I have read this Warranty Brochure and fully understand the warranty coverage. I acknowledge that I have received a copy of the Owner's Limited Warranty and I accept the terms described herein.

Customer Signature

Date

Owner's Address

City

State/Prov Postal Code

Truck Model

Vehicle Identification Number

Engine Model Number

Engine Serial Number

Date Delivered to User (DTU)

Odometer Reading at Delivery

IMPORTANT: The information contained in this Warranty Policy explains the coverage provided on your new International vehicle. This policy should be kept in the vehicle for presentation to the Dealer when you request warranty services.

ITEM 4 **SPECIFICATIONS**

General Requirement: NON-CDL 6 cubic yard Rear Loader mini refuse truck minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission.

Bidder's ***Exceptions***

Model: 2023 or current production year, Turbodiesel, must meet all Current emission, efficiency, performance standards

YES

Electrical: 12 volt DC negative ground system, electronic ignition.

Interior Climate: Fresh air heater and defroster, manufacturer's standard air conditioning with manual controls.

Trans-
mission: Automatic transmission

Brakes: Power assist 4-wheel disc brakes.

Steering: Power

Interior: Vinyl bench or split-bench seat, standard rubber flooring, dual sun visors.

Wheels &
Tires: Seven (7) full size as required by GVW.

Mirrors: dual swing-away towing, lower convex, power mirrors

Windshield: Tinted glass two-speed + intermittent windshield wiper with washer.

Windows: 35% tinted to conform with Hawaii State law, full locking, power, rain guards.

Radio: Manufacture standard infotainment system

Gauges: Gauges for fuel, oil pressure, engine temperature and amp or voltmeter. Transmission Temp and DEF gauges

ITEM 4 -CONTINUED

General Requirement: NON-CDL 6 cubic yard Rear Loader mini refuse truck minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission.

Bidder's Exceptions

Refuse Body: 6 Cubic yard capacity, rear loading 1 cubic yard capacity hopper full ejection type.

- Manufactures provision to provide maximum hopper life, two (2) 1" drain holes street side and curbside With 1" NPT plugs.
- Manufactures locking tailgate with tailgate ajar driver alert.
- Hydraulic operation with lever type controls, controls On rear curbside of tailgate.
- Truck refuse body to be constructed of high tensile Strength steel, properly supported with reinforcements, inner body surfaces of floor, sides, and roof shall be smooth to prevent damages and corrosion, all cylinders, valves and other hydraulic components shall not come into contact with the refuse stored in the body.
- manufacturer's standard lifting eyes shall be provided on inner slide, outer slide and packer blade.
- A hinged or sliding door of sufficient dimension shall be provided to permit cleaning of the area at the front of the body without having to physically enter the body. Location shall be approved by the City.
- Engine overspeed protection (hydraulic system by pass) included.
- Emergency stop mechanism located at rear near the packing controls to stop or reverser the packing cycle.
- A driver alert system consisting of a buzzer activated control located on each side at the rear of the truck in close proximity to the hopper and within easy reach of the operator shall be provided.
- All cab interior mounted refuse body controls shall be installed on a control cabinet and be located within easy reach of driver. The location of the cabinet shall not interfere with the passengers while seated, entering or exiting the cab. It shall be secured with tamper resistant fasteners.
- Manufacturer equipped color dual camera hopper and rear view system. Default view shall be the hopper however the rear view is automatically displayed when the transmission is placed into reverse. City to approve monitor location.
- Furnish and install one locking, side hinged tool box, frame mounted under body, curb side. As close to 48" in length as frame space allows with a height between 18" and 24" but shall not be lower than the lowest point of the chassis and a depth of 18" or as close to this dimension without protruding beyond the sides of the truck.

ITEM 4 -CONTINUED

General Requirement: NON-CDL 6 cubic yard Rear Loader mini refuse truck minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission.

Bidder's Exceptions

Mud Flaps: Full size front and rear mudflaps shall be installed. Rear mud flaps shall be both forward and aft of rear wheels.

Keys/Manuals: Three (3) complete set of keys shall be provided
Two (2) operators manuals per equipment
Two (2) workshop/shop repair and parts manual
For truck and refuse body per equipment shall be
Provided electronic copies or web access accepted.

Accessories: Back-up warning device.
Back-up camera.
Combination, alternating amber & clear (amber, clear, amber, clear, etc.) LED mini light bar with stainless steel brush guard atop cab with controls in cab on driver's side, Wired to ignition on. Whelen Mini Legacy or Liberty II Mini LED lightbar, model IT9ACACP
LED mini light bar must be visible from front and rear of vehicle.
One (1) 5# Dry chemical fire extinguisher per vehicle, to be mounted in cab by manufacturer.
Additional amber LED strobes mounted in rear for rearward visibility
Rear wheel fenders, with forward and rearward flaps
Manufactures standard full length running board.
White color.
One (1) programable two-way VHF mobile radio
Motorola Model APX4500 P25 Phase 2
shall be Mounted in cab. All accessories to provide a complete and fully functional system shall be provided.
Mobile radio shall be accessed from both driver and passenger seat positions.

ITEM 4 -CONTINUED

General Requirement: NON-CDL 6 cubic yard Rear Loader mini refuse truck minimum 14,000 GVWR, not to exceed 17,999 GVWR, automatic transmission.

Bidder's Exceptions

Accessories Cont.: Features to Include

- Astro Digital
- Smartzone operation
- P25 9600 Baud trunking
- TDMA Operation
- Over the Air Programing P25
- APCO Packet data Interface
- Smart Zone Operation

Programing Shall be done by Highways Division

Warranty: The vendor shall provide full extended vehicle warranty for parts and labor. Vendor shall provide terms and conditions for extended warranty.

The vendor shall include all costs, including travel and shipping costs, for all related warranty work.

Training: Vendor shall provide training for equipment and Hopper system. Training shall be One (1) hour minimum classroom & Two (2) hr Minimum hands on.
Training shall be scheduled with Highways Division.



Built By Elgin® **X** Designed By You

RELIABLE, SERVICEABLE, SIMPLE.

The Elgin innovation team traversed the country, speaking to hundreds of customers at all levels within the street sweeping industry, both municipal and contractor, in pursuit of true voice-of-the-customer insights. Months of real-world prototype testing and feedback refined the sweeper design to provide customers with exactly what they want and need, while proving the reliability and durability along the way. The input of service technicians, operators, and street sweeping supervisors shaped every detail of the new **RegenX®** mid-dump regenerative air street sweeper. **Easy to use, easy to clean, and easy to maintain** while delivering the quality and proven technology that is the hallmark of Elgin Sweeper products.

The new RegenX was **built by Elgin, but designed by you.**

Why RegenX®

X Available on Non-CDL* 26K GVW Chassis

X Roll-off Dump Height with 50° Dump Angle and 8 yd³ Hopper

- Avoid double-handling, driving back to the facility to dump, and environmental ground-dumping restrictions

X Incredibly Easy to Clean

- Simple hopper – rounded corners and external self-dumping dust separator
- Easy-access washout doors for dust separator and pickup head
- Cable-controlled drop-down screens standard

X Easy to Service

- Easy to access components with locations determined by experienced service technicians
- Bolt-on wear parts wherever possible (dust separator, hopper inlet, etc.)
- Simple design with no control modules for sweeper functions

X Reliable

- Better cleanout and easier serviceability
- Highly efficient dust separator and large screen surface area reduce carryover and sand blasting
- Overall simple design – less moving parts, more uptime

Don't take our word for it – Call your dealer & request a demo!



*May vary based on local rules and regulations

ELGIN
Subsidiary of Federal Signal Corporation

SWEEP SYSTEM

AUXILIARY ENGINE

Make John Deere 4045T
Type 4 cylinder, turbocharged diesel
Displacement 276 cu. in. (4.5 L)
Horsepower 74 (55 kW) @ 2400 RPM
Torque 224 ft-lbs (304 Nm) @ 1600 RPM
Oil Filter Spin-on full flow

Auto Shutdown Low oil pressure, high coolant temp, hydraulic oil level, fuel temp, intake manifold air temp, water-in-fuel, very high soot loading

Electronic Throttle

INSTRUMENTATION / CONTROLS

Rocker Switches central console
Display That Indicates Tachometer, Engine Hour Meter, Oil Pressure, Coolant Temperature

Indicator lamps Full load, screen down, hydraulic oil level
Indicator lamps (when optioned); hopper up, door open, hydraulic oil temp

ELECTRICAL SYSTEM

Voltage 12 volt
Sweeper Engine Alternator 75 amperes

SWEEP SYSTEM – COMPONENTS

GENERAL SPECIFICATIONS

SWEEPING PATH:
Pickup Head Only 90 in (2,286 mm)
Pickup Head & One Side Broom 117 in (2,971 mm)
Pickup Head & Two Side Brooms 144 in (3,658 mm)
Travel Speed Up to highway speed

BLOWER

Drive Direct 2-groove banded power belt with spring-loaded idler belt tensioner
Blower Construction Hardox brand steel
Blower Housing 7 gauge (4.6 mm) Steel

PICKUP HEAD

Length 90 in (2,286 mm)
Head Area Approx. 2,700 in² (17,420 cm²)
Hose Diameters
 - Pressure: 14 in (355 mm)
 - Suction: 13 in (330 mm)
Control Hydraulic raising and lowering
Vacuum Enhancer External, cable-controlled with in-cab lever
Hose Connection Quick disconnect type near pickup head at lower area of suction hose and upper area of suction hose
Hose Construction Flexible rubber steel reinforced

SIDE BROOM

Diameter 42 in (1067 mm)
Disc Construction Steel plate
Speed Constant
Drive Hydraulic motor, protected by relief valve
Mounting Free floating trailing arm
Motion Pneumatically inward/outward, raised/lowered
Adjustment Inward/outward, forward/backward
Digging Pressure/wear control pneumatic in cab
Sweep Position Fully extended or in front of pickup head with optional full retract feature
Type Segment set disposable

HYDRAULIC SYSTEM

Purpose Powers hydraulic motors on side brooms, activates hopper dump cycle, and raises/lowers pickup head
Hydraulic Pump Capacity 7.7 GPM (29 LPM) @ 2500 RPM
Reservoir Capacity 11 gal (42 L)
Filter 10 micron, spin-on type

DEBRIS HOPPER

Volumetric Capacity 8 yd³ (6 m³)
Effective Dump Angle 50°
Dust Separator Self-dumping, centrifugal with cleanout doors

Lifting Hydraulic, two double acting cylinders
Hopper Dump Door Hydraulic open/close and lock/unlock
Hopper Dumping Control
 - Lever on right side of unit
 - In cab dumping controls optional
Hopper Screens Hinged, pneumatic drop down control on right side of unit, steel
Dump Height Minimum of 56 in

SPRAY WATER SYSTEM

Water Tank Construction Polyethylene
Water Tank Capacity 265 gal (1003 L)
Fill Hose 16 ft 8 in (5,080 mm)
Pump Type Diaphragm with run-dry capability with HI or LO selectable pump speeds
Pump Capacity 8 GPM (30 LPM)
Pump Pressure 40 PSI (2.7 bar)
Spray Nozzles (Total of 9)
 - Quick release brass for ease of cleaning or service
 - 3 in suction tube
 - 6 (3 each) side brooms
Controls Hi-Lo off switch in cab
Filter 100 mesh, cleanable
Fittings Prestomatic Push-To-Lok type with thermoplastic tubing

AVAILABLE ENHANCEMENTS

- Dual side broom scrub
- In-cab hopper dump
- Broom hour meter
- Left and right hand toolbox
- Aux. lighting packages
- In-cab side broom tilt
- Variable broom speed
- Auxiliary hydraulic system
- Wandering hose 8 in (203 mm) diameter
- LifeLiner® Hopper System
- Stainless steel hopper
- Hopper inspection door
- Hopper deluge washout system
- Hopper drain
- Centerbroom in pick-up head
- High/low pressure washdown
- Pickup head camera
- Left hand side camera
- Auxiliary water tank capacities
- PM-10 water system
- Extended warranty
- Idle down no water
- Flow blocker
- Hydraulic oil temperature shutdown

PAINT

Powder Coated, standard Elgin white and gray

CHASSIS

Available on conventional and non-CDL chassis - consult factory

WARRANTY

SWEEPER
1 year parts and labor

ENGINE
Consult Factory

Your Elgin Dealer is:



1300 W. Bartlett Rd.
 Elgin, Illinois, U.S.A. 60120
 Phone 847-741-5370
 elginsweeper.com/regenx

2025 Freightliner M2 Chassis Specification-RegenX

CHASSIS:

Manufacturer: Freightliner
Model: M2 106 Plus

Frame:

Type: Rail, High Strength 80 KSI, 15.9 section modulus

ENGINE:

Manufacturer: Cummins
Model: ISB 6.7 200
Cylinders: In-Line 6
Displacement: 409 cu. in. (6.7 L)
Horsepower: 200 (150 kW) @ 2400 RPM
Torque: 600 lb. ft. (814 Nm) @ 1600 RPM
Oil Filter: Full-flow, spin on type
Oil Capacity: 4 us gal. (15 L) with filter
Air Cleaner: high-capacity dry type with safety element & restriction indicator
Fuel Tank Capacity: 50 gal. (189 L) with Fuel Filter

TRANSMISSION:

Allison 2500 RDS 6-speed automatic

ELECTRICAL SYSTEM:

Voltage: 12V
Alternator: 160 Amp.
Battery: Two (2) 12 Volt 1900 CCA Maintenance Free

AXLES:

Front: 12,000 lbs. with 12,000 lbs. (5443 kg) springs
Rear: Single Speed 21,000 lbs. (9525 kg) with 23,000lbs (10,432 kg) taper leaf springs with auxiliary leaf spring
Ratio: 6.43:1
Gross Vehicle Weight Rated (GVWR)-33,000 lbs. (15,000 kg)

BRAKES:

Service:

Type: Full air, anti-lock
Front: 15 in. x 4 in. (38.1 cm x 10.2 cm) drum
Rear: 16.5 in. x 7 in. (42 cm x 17.8 cm) drum
Compressor Capacity: 18.7 CFM

Parking:

Type: Spring set, air release

WHEELS:

Front & Rear: 22.5 in. x 8.25 in. (57.2 cm x 21.0 cm) steel disc type

TIRES:

Front & Rear: 11R 22.5 14 ply radial tires

DUAL STEERING:

Type: Full power hydraulic
Size: 18 in. (457 mm) diameter steering wheel with fixed steering column.

INSTRUMENTS (Dual Operating Positions):

Water temperature gauge, tachometer, speedometer with LH side trip odometer, fuel gauge, voltmeter, air pressure, oil pressure, transmission temperature, diagnostic on the left-hand side and all FMVSS required gauges on the right-hand side.

WARNING LIGHTS AND CHIME:

Low coolant level, high coolant temperature, warning lights and buzzer, low air pressure

SEATS:

RH Seat: Basic High Back Air Suspension RH Seat w/ Mechanical Lumbar and Integrated Cushion Extension & Codura Plus Cloth Cover

LH Seat: Basic High Back Non-suspension LH seat w/ fore and aft adjustment & Codura Plus Cloth Cover

ADDITIONAL FEATURES INCLUDED:

AM/FM/WB Radio w/ Bluetooth, USB, and Aux. Inputs
RH 8" Stainless Steel Fender Mounted Convex Mirror w/ Tripod Bracket
Left and right remote-control west coast mirrors with molded 8in convex mirrors
Air Conditioner
Viscous Fan
Tinted Glass—All Windows
Engine Hour Meter
Electric Horn
Electric Windshield washers with delay
Cruise Control
Auto Shutdown
Blue stripe coolant hoses with constant tension clamps
Bendix air dryer w/heater
750-watt block heater
dual cup holders
12 Volt Power Supply
Front Tow Hooks
Manual Door Locks and Windows

DIMENSIONS (with sweeper mounted):

Wheelbase: 176 in. (4470 mm)
Cab to axle: 110 in. (2794 mm) usable
Overall Length: 290 in. (7366 mm)
Overall Height: 117 in. (2972 mm) w/o beacon
Overall Width: 96 in. (2438 mm)
Dumping Clearance Height: 185 in. (4572 mm)
Turning Radius: 22'6". (6858 mm) (curb to curb)
Travel Speed: 65 MPH



Presents a

Proposal Summary

County of Hawaii

RegenX[®]

Easy to use, easy to clean, easy to maintain.
Mid-Dump Regenerative Air Sweeper.

For





RegenX

Sidebrooms/Steering	Dual Sidebroom/Dual Steering
Domicile	Continental USA
Size of Sidebroom	42
Fuel Type	Diesel

Basic Chassis Info

Source	Elgin
Chassis Brand/Model	2025 M2 Dual Steer
Chassis Mounting Charge	Chassis Mounting Charge

Chassis Equipment

Spare Chassis Key	3
Spare Tire and Rim	1
Seating Options	(Standard) Right Hand Air-ride Cloth Hi-Back
Cab Mounted Convex Mirrors	12" Non-Heated Convex Mirrors
Horn Options	Standard Electric

Brooms

Sidebroom Tilt Option Right Hand	Yes
Sidebroom Tilt Option Left Hand	Yes

Conveyance & Hopper





Stainless Steel screens	Yes
6" Drain	Yes
In-Cab Hopper Dump	Yes
Hopper Coating Systems	None(Painted Only)
Right Mounted Wandering Hose	Yes
Inspection Doors-Right	Right Hand Door

Dust Control & Flush Systems

Fill Hose Length	25'
Quick Disconnect Coupling	Yes

Component Protection

Extra Key Auxiliary Engine	3
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Lighting & Compliance

Lighting	LED Beacons Cab/Front; Hopper Rear with LED Arrowstick
Work and Flood Lights; Individual Rocker Switches	Dual Sidebroom and Dual Rear Lights-LED
Miscellaneous Lighting	(2) Alternating Flashing Rear LED Lights
Triangle Reflective Flares (3)	Yes
LED Stop/Tail/Turn	Yes





Slow Moving Vehicle Sign	Yes
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Manuals and Warranty

Sweeper Warranty	1 Year Parts and Labor
Sweeper: Operators Manuals	2
Sweeper: Parts Manuals	2
Sweeper: Service Manuals	2
Chassis: Operators Manuals	2
Chassis: Parts Manuals	2
Chassis: Service Manuals	2
John Deere Operators Manuals	2
John Deere Parts Manuals	2
John Deere Service (Tech) Manuals	2

Tools/Toolbox

Right Hand Lockable Toolbox	Yes
Fire Extinguishers	5 lbs

Paint & Decal

Paint Sweeper	Standard White
Paint Chassis	Standard White
Elgin Logo	Red Logo





Special request

Qty	Part Number	Description
1		(RFQ 85790)

Chassis Notes :

RegenX

Price indicated includes approved Special Request
Price valid for 30 Days from date of 04-04-2024

Product Model: RegenX
Proposal Date: 04-04-2024
Quote Number: 2024-72711
Price List Date: 03-22-2024

QTY: 1

Customer Initials _____

Proposal Notes:

1. Multiple unit orders will be identical to signed proposal. Changes or deviations to any unit of a multiple unit order will require a new signed proposal.
2. Chassis specifications and data codes for customer supplied chassis must be submitted to and approved by ELGIN prior to submittal of customer purchase order.
3. All prices quoted are in US Dollars unless otherwise noted.
4. This proposal incorporates, and is subject to, Elgin's standard terms and conditions attached hereto and made a part hereof.

Signed By: _____

Date: _____



RegenX
Quote Number: 2024-72711
Date: 04-04-2024

Page 5 of 9
Team Member : Taylor
Waltrip
Tel :



LIMITED WARRANTY

Limited Warranty. Each machine manufactured by ELGIN SWEEPER COMPANY ("ESCO" or the "Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating instructions. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

Exclusive Remedy. Should any warranted product fail during the warranty period, ESCO will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Elgin distributor's location or at other locations approved by ESCO. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

The ESCO Limited Warranty shall not apply to (and ESCO shall not be responsible for):

1. Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks, engines, hydraulic pumps and motors, tires and batteries.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, brooms, oils, fluids, filters, broom wire, shoe runners, rubber deflectors and suction hoses.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended by ESCO.
5. Repairs, modifications or alterations without the express written consent of ESCO, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or improper maintenance.

NOTE The use in the product of any part other than parts approved by ESCO may invalidate this warranty. ESCO reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make ESCO liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE DISCLAIMED.

This warranty is in lieu of all other obligations or liabilities, contractual and otherwise, on the part of ESCO. For the avoidance of doubt, ESCO shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. ESCO makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of ESCO in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action.

ESCO reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

ELGIN SWEEPER COMPANY
1300 W. Bartlett Road
Elgin, Illinois 60120



11-20-2007





TERMS AND CONDITIONS

ORDERS: All orders are subject to acceptance by Elgin Sweeper, Inc. (hereafter referred to as Elgin). Orders for products not normally carried in stock or requiring special engineering or manufacturing is in every case subject to approval by Elgin's Management.

PRICES: All orders are subject to current prices in effect at the time of order acknowledgment. F.O.B. Point: Unless otherwise stated, all prices listed are F.O.B. factory. Elgin reserves the right to increase the order price set forth in this Proposal Summary at any time before delivery to Buyer to reflect any increase in Elgin's costs to manufacture or deliver the ordered product due to any factor beyond the reasonable control of Elgin. Elgin shall provide Buyer with prompt electronic notice of any such price increase. Buyer shall have five days from receipt of such notice to cancel its order, absent which Buyer shall be deemed to have consented to the price increase.

PAYMENT TERMS: The company's payment terms are due upon receipt, unless otherwise stated. However, until such time as Elgin receives full payment, Elgin shall maintain a purchase money security interest in the product.

CANCELLATION: Orders cannot be canceled except upon terms that will compensate Elgin for any loss or damage sustained. Such loss will be a minimum of 10% of the purchase price.

SHIPMENT: All proposals are based on continuous and uninterrupted delivery of the order upon completion, unless specifications distinctly state otherwise. In the event that agreement is reached for Elgin to store completed items, they will be immediately invoiced to the customer and become due and payable. Storage shall be at the risk of the customer and Elgin shall be liable only for ordinary care of the property.

STORAGE CHARGES: Elgin shall charge the customer at current rates for handling and storing customer's property (e.g. truck chassis) held for more than thirty (30) days after notification of availability for shipment. All customer's property, or third party's property, that is stored by Elgin is at the customer's or other party's risk. Elgin is not liable for any loss or damage thereto caused by fire, water, corrosion, theft, negligence, or any caused beyond its reasonable control.

PERFORMANCE: Elgin shall not be liable for failure to complete the contract in accordance with its terms if failure is due to wars, strikes, fires, floods, accidents, delays in transportation or other causes beyond its reasonable control.

EXPERIMENTAL WORK: Work performed at customer's request such as sketches, drawings, design, testing, fabrication and materials shall be charged at current rates.





SKETCHES, ENGINEERING DRAWINGS, MODELS, and all preparatory work created or furnished by Elgin, shall remain its exclusive property; and no use of same shall be made nor may ideas obtained therefrom be used except with the consent of and on terms acceptable to Elgin.

TAXES: Buyer's final cost shall include all applicable sales and use taxes, including all sales and use taxes attributable to any changes made to Buyer's initial order placed hereunder or to any changes to applicable sales and use tax laws. However, Elgin Manufacturing, Inc. shall be responsible for Federal Excise Tax(F.E.T.) unless it is separately stated on the invoice and added to the selling price. If F.E.T. is not separately stated on the invoice it has not been included in the price and Elgin will pay any F.E.T. due itself and bear the cost of the tax. Any refunds or adjustments to the F.E.T. in such cases belong to Elgin.

PRODUCT IMPROVEMENTS: Elgin reserves the right to change manufacturing specifications and procedures in accordance with its product improvement policy.

MOUNTING PRICES: Mounting prices assume normally factory installation on a truck chassis suitable for the unit purchased. Relocation of batteries, fuel tanks, mufflers, air tanks, etc. will be an additional charge, billed at the standard factory labor rate.

WARRANTY: Elgin warrants its products to be free from defects in material and workmanship for a period of 12 months, subject to the limitations and conditions set forth in its current published warranty. Other than those expressly stated herein. THERE ARE NOT OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED, AND SPECIFICALLY EXCLUDED BUT NOT BY WAY OF LIMITATION, ARE THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MECHANABILITY.

IT IS UNDERSTOOD AND AGREED THE ELGIN'S LIABILITY WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY IN NEGLIGENCE OR OTHERWISE SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY THE PURCHASER AND UNDER NO CIRCUMSTANCES SHALL ELGIN BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE PRICES STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING ELGIN'S LIABILITY. NO ACTION REGARDLESS OF FORM, ARISING OUT OF THE TRANSACTION OF THE AGREEMENT MAY BE BROUGHT BY PURCHASER MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION HAS OCCURRED.

ELGIN'S MAXIMUM LIABILITY SHALL NOT EXCEED AND BUYER'S REMEDY IS LIMITED TO EITHER (I) REPAIR OR REPLACEMENT OF THE DEFECTIVE PART OF PRODUCT, OR AT ELGIN'S OPTION (II) RETURN OF THE PRODUCT AND REFUND OF THE PURCHASE PRICE AND SUCH REMEDY SHALL BE BUYER'S ENTIRE AND EXCLUSIVE REMEDY.

CHOICE OF LAW: These Terms and Conditions shall be construed according to the laws of the State of Illinois. Failure at any time by Elgin to exercise any of its rights under this agreement shall not constitute a waiver thereof nor prejudice Elgin's right to enforce it thereafter.





COMPLETE AGREEMENT: These terms and conditions, contain the complete and final agreement between the parties hereto and no other agreement in any way modifying any of these terms and conditions will be binding on Elgin unless in writing and agreed to by an authorized representative of Elgin. All proposed terms included in Buyer's purchase order or other standard contracting documents are expressly rejected.

I agree with the above terms and conditions:

Signed By: _____

Date: _____



ITEM 6 **SPECIFICATIONS**

General
the ElginRequirement:
GVW

One (1) Street Sweeper, similar or equal to
Regen X or latest production model, 33,000

Bidder's Exceptions

Engine:	Diesel, turbo-charged, electronic, 200 gross minimum HP @ rated RPM, 520 ft-lb torque, liquid cooled, increased capacitycooling; high capacity dry-type air cleaner, w/ safety element & dash mounted air restriction gauge, fuel/water separator (spin-on type); low oil pressure/high water temperature warning light/buzzer; tachometer or RPM gauge; silicone hoses; electric engine shutdown (key operated); fuel filter (spin-on type); full flow oil filter; block heater; equipped with vertical after treatment device, dual cans, RH/LH mounted, vertical tailpipe behind cab; diesel emissions shall be EPA emission compliant with on-board diagnostics (OBD), GHG certified
Transmission:	Allison 2500RDS series or equal, 6-speed automatic, heavyduty oil cooler, external spin on type oil filer
Axles, Front:	12,000 lbs. capacity, minimum
Rear:	21,000 lbs. capacity, minimum
Ratio:	Single speed rear axle shall have a ratio of 6.43:1 for proper sweeping speeds
Wheels:	7 each, manufacturer's standard, 10-stud wheels.
Tires:	7 each, 11R22.5 Radial 14-ply tubeless type truck tires, Load Range G Highway tread.
Service Brakes:	Air, with gauge and low pressure warning light/buzzer; Bendix ABS, 15" x 4" front drum and 16.5" x 7" rear drum;front and rear automatic slack adjusters, Bendix AD-IP or equal air dryer with heater, 18.7cfm air compressor.
Parking Brakes:	Spring set, air release
Wheelbase:	176", maximum; cab to axle 110", maximum
Turning Radius:	22'6" (curb to curb)

YES

ITEM 6 -CONTINUED

General
the Elgin Requirement:
GVW

One (1) Street Sweeper, similar or equal to
Regen X or latest production model, 33,000

Bidder's Exceptions

Cab: Conventional hood, all glass tinted, floor mats, full power steering with dual operator controls, basic high back air suspension RH seat with mechanical lumbar and integrated cushion extension & Codura plus cloth cover, basic high back non-suspension LH seat with fore and aft adjustment & Codura plus cloth cover, 8" outside RH fender mirror, center sweeper control console, AM/FM Radio with bluetooth, dual electronic horns.

Steering: Dual steering, full power hydraulic, 18in. diameter steering wheel with fixed steering column.

Interior
Climate: Standard air conditioning

Operator Seat: Basic high back air suspension RH seat with mechanical lumbar and integrated cushion extension and three-point seat belt.

Passenger
Seat: Basic high back air suspension LH seat with mechanical lumbar and integrated cushion extension and three-point seat belt.

Windows: Power type windows

Mirrors: Two (2) heated west coast, remote type side view mirrors with lower 8" convex lens for easy viewing of the side broom during sweeping

Locks: Keyed door locks

Electrical: 12-volt system; dual battery system, 1,900 minimum combined CCA maintenance free; 160 amp minimum alternator; multi-beam halogen head-lights, stop lights, tail lights, backup lights, license plate lights, clearance lights, signal lights, illuminated gauges and instrument panel, and directional lights with hazard switch.

ITEM 6 -CONTINUED

General
the Elgin Requirement:
GVW

One (1) Street Sweeper, similar or equal to
Regen X or latest production model, 33,000

Bidder's Exceptions

Warning Lighting: Side brooms, rear clearance, LED amber strobe on rear, cab mounted amber & white alternating, combination (amber, white, amber, white) LED light bar, with programmable rate of 2, 3, 4 or 5 pulses and LED flashers. Whelen Edge Ultra Freedom type, FV WeCan Super-LED series or approved equivalent, 4 corner LED (amber & white combination) modules, 8 Super-LED (amber & white combination, alternating) modules.

Rear Lighting: LED Signalmaster Arrowstick, or approved equal, shall be mounted on middle to upper section of vehicle rear to maximize visibility to approaching vehicles from rear of vehicle. Arrowstick or arrowboard shall include 8 individual LED lights, an in-cab controller, and available flashing pattern including: left, right, center-out, and flashing warning."

Gauges: Voltmeter, speedometer, odometer, fuel, oil pressure and water temperature - all numeric type; low coolant level; warning lights and buzzer, low air pressure.

Windshield: Tinted glass; wipers with intermittent feature and washer.

Sweep System

Sweeper Engine: Auxiliary diesel, similar or equal to John Deere 4045T4F, 4 cylinder, turbo-charged, dynamically counter balanced 276 CID must be EPA Tier 4F and CARB emission compliant; sweeper system power-driven by an auxiliary engine; HP shall not be higher than 74 @ 2400 RPM; Auxiliary engine shall drive the blower "fan" via heavy-duty (2) "v" groove power belt, with dual safety element; 50/50 mixture anti-freeze/water for operation; no control modules required for sweeper functionality; fluid coupler installed between auxiliary engine and power belt.

Horsepower: 74 hp @ 2400 RPM

Torque: 224 lb-ft @ 1600 RPM

ITEM 6 -CONTINUED

General
the Elgin Requirement:
GVW

One (1) Street Sweeper, similar or equal to
Regen X or latest production model, 33,000

Bidder's Exceptions

Blower: Driven via (2) "V" groove power belt with spring-loaded tensioner, shall no exceed 3050 RPM to minimize strain on drive system while still effectively conveying the bulk of material into debris hopper; 33 3/8 in. diameter with 9 vanes constructed of Hardox steel; constructed using robotic arc welder with minimum .0225 repeatability; Blowers constructed of cast aluminum are not acceptable; housing must have inspection door; belt tension to not exceed 20 hz; to include Flow Blocker feature which provides automatic enhanced dust control.

Pickup Head

Head: Spring supported; all steel fabricated

Length: 30"

Wide: 90"

Head Area: 2700 square in.

Suction Hose
Diameter: Minimum 13"

Pressure Hose
Diameter: Minimum 14"

Control: Hydraulic raised and lowered via rocker switch

Hose connection: Quick disconnect type

Side Brooms

Brooms: Pneumatically raised, lowered and suspended; hydraulic motor drive shall provide not less tha 6045 in-lbs of torque. Sidebroom tilt option – RH side.

ITEM 6 -CONTINUED

General
the Elgin Requirement:
GVW

One (1) Street Sweeper, similar or equal to
Regen X or latest production model, 33,000

Bidder's Exceptions

Diameter: 42"

Drive: Hydraulic driven rotation

Mounting: Free floating trailing arm of parallelogram design

Type: Segment set disposable

Hopper

Capacity: 8 cubic yards

Construction: 10-gauge steel sides, and ¼ in. steel floor.

Dumping: Rear door

Rear Door: Locked by (2) hydraulic cylinders; hopper door shall open first prior to tilting the hopper; Opens at minimum of 100-degree angle; includes automatic locking pin mechanism for optimal sealing; includes external door prop; seal shall be water resistant heavy duty reinforced D style rubber seal.

Hopperlift &
Dump Controls: Weatherproof toggle switches, in-cab dump switches; Hopper raise/lower and hopper door open/close.

Dust Separator: Centrifugal style; self-opening, steel door.

Dump Angle: 50-degree minimum.

Hopper Screens: Single assembly, drop down type; uses centrifugal force to rotate air and debris with a skimmer slot to capture debris; weight 220 lbs.; Total surface area of 3970 square inches; Not less than 11-gauge steel; screen shall be hinged and easily lowered via a pneumatically controlled cable drop-down system.

Construction: Inlet shall be bolt-on design.

ITEM 6 -CONTINUED

General
the Elgin Requirement:
GVW

One (1) Street Sweeper, similar or equal to
Regen X or latest production model, 33,000

***Bidder's
Exceptions***

Instrumentation/ Controls:

Central Console: Stationary, visible from either right or left positions.

Controls: Illuminated, sweep, spray water, lighting functions, auxiliary engine ignition and throttle, side broom down pressure, sweep/resume feature.

Instruments: Tachometer, hour meter, oil pressure, fuel, voltage, coolant temperature, auxiliary engine air intake restriction gauge, water level, sweeping mode, transport, raised hopper indicator, open hopper door indicator, full hopper indicator.

Electrical (Sweeper):

Reversing Safety: Electric back-up alarm when in reverse.

Camera System: Rear facing back-up camera and pick up head camera.

Wiring: Wiring harness shall be color-coded and "function stamped" with appropriate circuit name every four inches; all electrical circuits must be protected by automotive style blade fuses.

Lighting: Shall include rear identification lights and rear clearance lights; warning lights shall include hopper up and hopper door open (when equipped with in-cab tilt), screen down, and hopper full load. Dual sidebroom and Rear Flood lights – LED Type.

Sweeper Hydraulic System:

Capacity: 7.0 GPM @ 2100 RPM and 8.3 GPM @ 2500 RPM,

Reservoir
Capacity: 11 gallon minimum with exterior sight gauge.

ITEM 6 -CONTINUED

General
the Elgin Requirement:
GVW

One (1) Street Sweeper, similar or equal to
Regen X or latest production model, 33,000

***Bidder's
Exceptions***

Operating
Temperature: Operates below 200 degrees.

Water Spray System:

Tank: 265-gallon, rust proof polyethylene.

Pump: 2 available flow rates, selectable by operator. (1) electric 12-volt, diaphragm type, run-dry capability.

Pump Capacity: 4 GPM

Pump Pressure: 40 PSI

Spray Nozzles: (3) located on each side of broom. (3) removable located at lower portion of suction hose.

Controls: In cab control.

Fill Hose: 16-ft. 8 inch with NST coupling with strainer.

Sweeping Path:

Pickup Head
Only: 90"

Pickup Head &
One Side Broom: 117"

Pickup Head &
Two Side Brooms: 144"

Travel Speeds: Up to highway speeds

ITEM 6 -CONTINUED

General
the Elgin Requirement:
GVW

One (1) Street Sweeper, similar or equal to
Regen X or latest production model, 33,000

**Bidder's
Exceptions**

Miscellaneous:

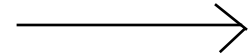
Sweeper operator and parts manual – (2) sets each
Chassis operator, parts, and service manual – (2) sets each

5 lbs. fire extinguisher mounted in cab

Reflector triangle kit mounted in cab (3)

Slow moving vehicle sign

Left-hand toolbox & Right-hand toolbox mounted



NO

25-ft fill hose

YES

High pressure washdown

Hydraulic heavy-duty wandering hose

RH Inspection door on Hopper body

Stainless Steel Screens

6" Hopper Drain

Warranty:

Manufacturer's warranty shall not be less than one (1) year on entire
sweeper including all parts and labor.

Manufacturer's warranty shall not be less than three (3) years on
chassis engine including all parts and labor.

Manufacturer's warranty shall not be less than lifetime protection
against rust-through of the water tank.

Training:

Vendor shall provide training for equipment and sweeper system.
Training shall be One (1) hour minimum classroom & Two (2) hr
Minimum hands on.
Training shall be scheduled with Highways Division.

Special Provisions

1. OFFER/PROPOSAL SUBMISSION: All offers or proposals shall be submitted through the Public Purchase System, and the Signature Page for the offer or proposal shall be signed by the bidder or proposer and shall include its business address and telephone number. The County of Hawai'i will not be responsible in any way for any errors in the bidder's or proposer's transmission or failure to receive the bid or proposal by the deadline. If applicable, any exhibits attached to the County of Hawai'i's General Terms and Conditions for Goods and Services, dated May 10, 2023, that require the bidder or proposer to complete and/or sign shall be returned to the County at the time of bid or proposal submission to the County.
2. "OR EQUAL" LANGUAGE: Whenever an article, product, or equipment is specified by the manufacturer, number, brand, or trade name, it is understood that the words "or equal" follow thereafter. The burden of proof of equality shall be on the bidder or proposer, and the decision of the Director of Finance shall be final.
3. APPLICABLE TAXES: Bid or proposal price quotation shall be F.O.B. DESTINATION, FREIGHT PREPAID AND ALLOWED, AND INCLUSIVE OF ALL APPLICABLE TAXES, INCLUDING HAWAII GENERAL EXCISE TAX AND USE TAXES. It is understood and agreed that the goods and/or services to be furnished are for the exclusive use of the County of Hawai'i and are therefore exempt from Federal Excise Taxes and that the net bid price excludes such Federal Excise Tax. **Please note that, effective January 1, 2020, the maximum General Excise tax rate that may be charged of the County of Hawai'i is 4.7120%. The County of Hawai'i is exempt from the City and County of Honolulu, 0.5% General Excise Tax Surcharge.**
4. COUNTY'S RESERVATION; PRICE TERM AGREEMENTS: The County of Hawai'i reserves the right to delete, decrease or increase any individual item (or items) if required to do so in relation to funds available. The County also reserves the right to negotiate with low bidders for additional units with slightly different configurations and/or accessories.
5. NOTICE TO PROCEED: The completion, installation, or delivery date will be calculated from the official commencement date, which shall be either the date of the "Notice to Proceed" or the date of the Purchase Order.

All equipment or goods procured must be delivered within 365 Calendar days from the date of the Notice to Proceed. The County of Hawai'i may reject any bid failing to promise delivery within that time.
6. BID/PROPOSAL BONDS: No bid bonds or performance bonds will be required for this IFB.

7. "STANDARD" LANGUAGE: When the word "Standard" is used in the Specifications to describe an item of equipment or an assembly, it shall be construed to mean that the item or assembly so described shall be the regular current product of the manufacturer thereof identified by a model or other designation without modification or omission of any of its usual parts or the substitution of others therefor, except as hereafter specified; and the details, capacities and ratings shall conform in every respect with the said manufacturer's catalog or other printed matter describing the items or assembly. "Standard" sub-assemblies, accessories, fittings and finishes shall be construed to be those which are regularly furnished as part of the principal unit or assembly and included in the selling price thereof.
8. MINOR DEVIATIONS: The Director of Finance reserves the right to waive and/or accept any minor deviations from the Specifications, if in his/her opinion, such waiver will be in the best interest of the County of Hawai'i, and that such waiver shall not affect in any way the standards or performance, operations, capacities or quality of the equipment offered.
9. EXCEPTIONS: If applicable, the bidder or proposer shall request for approval to substitute any item or take exception to any specification, Special Provision, general term or condition, or clarification must be received through the Public Purchase System on or before the date set forth in the Notice to Bidders. The bidder should indicate "yes" to the right of each listed Specification if the product exactly meets the specification or includes the requested option. Bidder/Proposer should indicate "no" to the right and reference the item number and specification number on his exception list, regardless of whether the specification is deficient or exceeds listed criteria. HOWEVER, ALL BIDDERS/PROPOSERS ARE CAUTIONED THAT ANY EXCEPTIONS TO ANY SPECIFICATION, SPECIAL PROVISION, GENERAL CONDITION OR THE PROPOSAL ITSELF WILL IN ALL LIKELIHOOD RESULT IN THE BID/PROPOSAL BEING REJECTED IN ACCORDANCE WITH 3-122-33, HAR, AND 3-122-97, HAR. The only acceptable exceptions are those which are, solely in the opinion of the County, totally inconsequential to the performance, characteristics, quality or utility of the requested item, or are of the nature of correcting typographical errors in bid documents or allowing exception when a specification clearly cannot be met by any bidder/proposer or is in conflict with another specification.

Bidders or Proposers wishing to take any other exception or requesting a clarification or interpretation regarding any part of the bid document must submit their request in writing on or before the deadline date provided in the Notice to Bidders and receive written clarification or authorization for such change or have an addendum applicable to all bidders or proposers issued.

10. BROCHURES/QUESTIONNAIRES: All bids or proposals must be submitted with all necessary specifications and brochures properly annotated identifying all applicable data regarding the equipment being offered; bids or proposals which fail to do so may be rejected.
11. FORMAL CONTRACTS: Awards exceeding \$50,000.00 shall require formal contracts. Awards to be made to lowest responsible bidder for each **individual item; bidders need not bid on all items.**
12. AUTHORIZED SIGNOR: Any contract entered into as a result of this bid or proposal shall be signed by a person authorized to sign and legally bind the entity and be duly notarized. Additionally, if the awarded bidder or proposer is a partnership or corporation, a copy of the appropriate partnership or corporation resolution authorizing that individual to enter into contracts on behalf of the partnership or corporation shall be provided by the awarded bidder/proposer with its executed contract.
13. PROTESTS: Any protest regarding procurement law or procedure shall strictly follow the procedures described in Chapter 103D, Part VII, Hawai'i Revised Statutes, as amended and Chapter 126, Hawai'i Administrative Rules, Department of Accounting and General Services, Subtitle 11, Procurement Policy Board, as amended. All protests must be filed in writing to the Director of Finance of the County of Hawai'i. It shall be the responsibility of any protester to review all public documents relating to this procurement, and his or any other bidder's or proposer's contract award within the applicable time period in accordance with applicable Hawai'i law. While the County of Hawai'i may make efforts to notify all participants of awards, failure to receive such notification shall not relieve any aggrieved bidder or proposer of their responsibility of reviewing public records on a timely basis and filing his or her protest within the applicable time period in accordance with applicable Hawai'i law.
14. VENUE: No other action or proceeding involving this contract shall be commenced by either party except in the Circuit or District Courts of the Third Circuit, County of Hawai'i, State of Hawai'i; nor shall any action commenced in such court be removed or transferred to any other state or federal court.
15. GENERAL CONDITIONS, CONTRACT AND BOND FORMS:
The "General Terms and Conditions for Goods and Services," including exhibits of appropriate contract and bond documents, dated May 10, 2023, shall be a part of any contract entered into as a result of this Solicitation. All bidders are responsible to be familiar with these general terms and conditions, a copy of which is on file at the Purchasing Division and will be made available to any interested person upon request at no charge. Where any conflict might appear, these Special Provisions shall take precedence over the General Terms and Conditions.

16. LIQUIDATED DAMAGES: Liquidated damages, per section 10.7 of the General Terms and Conditions for Goods and Services, dated May 10, 2023, shall be assessed at **\$150.00** for each and every calendar day of delay or nonperformance and shall be pursued in accordance with section 10.7 of the General Terms and Conditions for Goods and Services dated May 10, 2023.
17. LOWEST RESPONSIBLE/RESPONSIVE BIDDER: Award will be made with reasonable promptness to the lowest responsible, responsive bidder for this IFB/RFP, in accordance with HRS § 103D-302(h) and HRS § 103D-303(g) for an RFP.
18. RESPONSIBILITY OF OFFERORS/PROOF OF COMPLIANCE REQUIREMENTS:
Offeror/Proposer is advised that if awarded a contract under this solicitation, for any single item exceeding \$2,500.00, Offeror/Proposer shall, upon award of the contract, furnish proof of compliance with the requirements of §3-122-112, HAR:
 1. Chapter 237, HRS, tax clearance;
 2. Chapter 383, HRS, unemployment insurance;
 3. Chapter 386, HRS, workers' compensation;
 4. Chapter 392, HRS, temporary disability insurance;
 5. Chapter 393, HRS, prepaid health care; and
 6. One of the following:
 - a. Be registered and incorporated or organized under the laws of the State (hereinafter referred to as a "Hawaii business"); or
 - b. Be registered to do business in the State. (hereinafter referred to as a "compliant non-Hawaii business").

Offeror shall produce documents to the procurement officer to demonstrate compliance with this section. Refer to the Method of Award provision herein for instructions on furnishing the documents that are acceptable to the County of Hawai'i as proof of compliance with the above-mentioned requirements.

Method of Award:

For IFB awards, award will be made to lowest responsible bidder on a per item basis, bidders need not bid on all items. If savings can be realized, bidders may offer an "all-or-none" bid for groups of items in addition to the item prices they propose, based upon being awarded more than one item and being able to order and ship all simultaneously. If the "all-or-none" bid of any bidder is lower than the combined total of the lowest respective individual item bids by all bidders and funds are available to complete the order at the quantities listed, the "all-or-none" award may be made.

Upon award of the contract, the following requirements must be met:

Certificate of Vendor Compliance: Proof of a vendor's compliance shall be mandatory for all awards \$2,500.00 or greater. Acceptable proof shall be provided to the County upon award of the contract and for final payment of the contract. In lieu of the certificates referenced below, Contractor may make available proof of compliance through a state procurement office designated certification process (Hawai'i Compliance Express or "HCE" compliance). HCE provides a vendor's proof of compliance for the following:

1. **Section 103D-328, HRS** (Tax clearance certificate required from Hawai'i Department of Taxation and the Internal Revenue Service, current within six (6) months of issuance date **and** after completion of the Contract, within six (6) months of Contract completion date in order for final payment to be made); and
2. **Section 103-53, HRS** (Tax clearance certificate required from Hawai'i Department of Taxation and the Internal Revenue Service, current within six (6) months of issuance date **and** after completion of the Contract, within six (6) months of Contract completion date in order for final payment to be made); and
3. **Section 103-55, HRS** (Certificates showing compliance with wages, labor laws, and working conditions of employees of contractors performing services, current within six (6) months of issuance date), except if the procurement of "services", as defined by § 103D-104, HRS, falls under an exception set forth in § 103-55(f), HRS; and
4. **Section 3-122-112, HAR** (Certificate of good standing from the business registration division of the department of commerce and consumer affairs, current within six (6) months of issuance date).

As proof of compliance with the aforementioned, the purchasing agency shall verify Contractor compliance using HCE. Vendors can register with Hawai'i Compliance Express at <http://vendors.ehawaii.gov>, which charges a nominal subscription fee and takes approximately two weeks to establish an account.

If a vendor is unable to obtain its "compliant" HCE certificate within a reasonable amount of time, and there is an urgent need for the requested good or service, the County of Hawai'i, upon written notification to the winning bidder, may proceed to the next lowest responsive and responsible bidder.

19. **NON-DISCRIMINATION IN COUNTY CONTRACTS:** Pursuant to Executive Order No. 142, County of Hawai'i, dated February 11, 2005: During the performance of this contract, the contractor agrees as follows:
 - a. The contractor shall comply with all requirements set forth in Federal and State laws and regulations relative to Title VI of the Civil Rights Act of 1964, as amended, which provides for non-discrimination in Federally assisted programs.

- b. The contractor shall not discriminate against any employee or applicant for employment because of sex, pregnancy, race, ancestry/national origin, religion, color, disability, age, marital status, military status, veterans' status, sexual orientation, lactation, arrest and court record, citizenship, or any other classification protected by state or federal law. The contractor shall assure that applicants are employed and that employees are treated during employment without regard to race, ancestry/national origin, religion, color, disability, age, marital status, military status, veteran's status, sexual orientation, lactation, arrest and court record, citizenship, or any other classification protected by state or federal law. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training. The contractor agrees to post in conspicuous places notices to be provided by the contracting officer setting forth the provisions of the nondiscrimination clause.
- c. The contractor shall in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants shall receive consideration for employment without regard to sex, pregnancy, race, ancestry/national origin, religion, color, disability, age, marital status, military status, veteran's status, sexual orientation, lactation, arrest and court record, citizenship, or any other classification protected by state or federal law.
- d. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract, this contract may be canceled or suspended in whole or in part and the contractor may be declared ineligible for further County contracts until such time that the contractor by satisfactory evidence, in good faith, ceases such discriminatory practices or procedures.
- e. The contractor who subcontracts any portion of the contract shall assure the County that such subcontractor shall abide by the nondiscrimination provisions stated herein and agrees that any subcontractor who is found in violation of such provisions shall subject the principal contractor's contract with the County to be terminated or suspended pursuant to Section (d) above.
- f. The County may direct any bidder, prospective contractor, or subcontractor to submit a statement in writing signed by an authorized officer, agent, or employee of the contracting party that the signer's practices and policies do not discriminate on the grounds of sex, pregnancy, race, ancestry/national origin, religion, color, disability, age, marital status, military status, veteran's status, sexual orientation, lactation, arrest and court record, citizenship, or any other classification protected by state or federal law, and that the terms and conditions of employment under the proposed contract shall be in accordance with the purposes and provisions stated herein.

20. NON-DEBARMENT REQUIREMENTS: The bidder/proposer shall not be debarred by the State of Hawai'i or the United States Federal government at the time of bidding, and

shall immediately notify the County of Hawai'i should its debarment status change anytime during the agreement period.

21. CODE OF ETHICS: If bidder or proposer is an officer or employee of the County of Hawai'i, or a business in which an officer or employee or officer or employee's immediate family has a controlling interest, the provisions of Hawai'i County Code §2-83(c) must be complied with before a contract for goods or services may be entered into with any County agency.

22. QUESTIONS AND INTERPRETATION OF THE SOLICITATION:

No oral interpretations of the solicitation will be made to any Bidder. All questions and any explanations must be requested in writing and directed to the Bid/Proposal Contact specified in this solicitation. Oral explanations or instructions are not binding.

Communications concerning this solicitation with other than the listed Bid/Proposal Contact or Purchasing staff may cause the Bidder/Proposer to be disqualified. Any information modifying a solicitation will be furnished to all Bidders/Proposers by addendum. Communications concerning this bid/proposal with someone other than the listed Bid/Proposal Contact may cause the Bidder/Proposer to be disqualified.

For RFPs, if, during discussions with priority-listed Proposers, there is a need for any substantial clarification or change in the RFP, the RFP shall be amended by an addendum to incorporate the clarification or change. Addenda to the RFP shall be distributed only to priority-listed proposers.

23. [Reserved]