

Master Purchase Order

DO NOT INVOICE TO THIS ADDRESS		Workday™ Supplier Contract No. SC-00011472	
City & County of Denver		Date:	7/16/2026
Purchasing Division		Payment Terms	Net 30 Resolution (as applicable):
201 West Colfax Avenue, Dept. 604		Freight Terms	FOB DESTINATION
Denver, CO 80202		Ship Via	Best Way
United States		Analyst:	Elizabeth Hewes
Email: central.purchasing@denvergov.org https://www.denvergov.org/Government/Agencies-Departments-Offices/Agencies-Departments-Offices-Directory/General-Services/Purchasing-Division/Contact-Information		Email:	Elizabeth.hewes@denvergov.org



Workday Supplier ID: DENVR0000000342

Phone: 303-295-2885

Email: meckrich@ojwatson.com

O.J. Watson Company Inc.
5335 Franklin St
Denver, CO 80216

Ship To: As Specified by Agency

Bill To: As Specified By Agency

Attn: Mark Eckrich

Colorado Secretary of State ID: 19871720022

U.S. Federal SAM Registry Verification Date: 6/30/2026

1. Goods/Services:

O.J. Watson Company, a Colorado corporation, ("Vendor") shall provide the goods, and any services related thereto, identified and described on attached **Exhibit A**, to the City and County of Denver, a Colorado municipal corporation (the "City"), all in accordance with the terms and conditions of this Master Purchase Order.

2. Ordering:

The City shall purchase one or more of the goods/services by issuing a written purchase order(s) or similar appropriate written document ("Order"), each of which will be deemed incorporated into this Master Purchase Order for purposes of such Order only.

3. Pricing:

The pricing/rates for the goods/services is contained on **Exhibit A**.

4. Term/Renewal:

The term of this Master Purchase Order shall be from date of City signature to and including 9/15/2029. The City and the vendor may mutually agree to renew and continue this Master Purchase Order for additional periods at the same pricing structure, terms and conditions. However, no renewal shall surpass 9/15/2034.

5. Non-Exclusive:

This Master Purchase Order is non-exclusive. City does not guarantee any minimum purchase other than as provided herein.

6. Inspection and Acceptance:

Vendor shall perform any services in accordance with the standard of care exercised by highly competent vendors who perform like or similar services. City may inspect all goods/services prior to acceptance. Payment does not constitute acceptance. Vendor shall bear the cost of any inspection/testing that reveal goods/services that are defective or do not meet specifications. City's failure to accept or reject goods/services shall not relieve Vendor from its responsibility for such goods/services that are defective or do not meet specifications nor impose liability on City for such goods/services. If any part of the goods/services are not acceptable to City, City may, in addition to any other rights it may have at law or in equity: (1) make a warranty claim; (2) repair and/or replace the goods or substitute other services at Vendor's expense; or (3) reject and return the goods at Vendor's cost and/or reject the services at Vendor's expense for full credit. Any rejected goods/services are not to be replaced without written authorization from City, and any such replacement shall be on the same terms and conditions contained in this Purchase Order.

7. Shipping, Taxes and Other Credits and Charges:

All pricing is F.O.B. destination unless otherwise specified. Shipments must be marked with Vendor's name, the Master Purchase Order number, and contain a delivery or packing slip. Vendor shall not impose any charges for boxing, crating, parcel post, insurance, handling, freight, express or other similar charges or fees. Vendor shall notify City in writing of any price decreases immediately, and City shall receive the benefit thereof on all unshipped items. Vendor shall comply with any additional delivery terms specified herein. Vendor shall be responsible for the cleanup and reporting of any contamination (environmental or otherwise) or spillage resulting from the delivery and/or unloading of goods within twenty-four (24) hours of the contamination or spillage or sooner if required by law. Vendor shall procure all permits and licenses; pay all charges, taxes and fees; and give all notices necessary and incidental to the fulfillment of this Master Purchase Order and all cost thereof have been included in the prices contained herein. City shall not be liable

for the payment of taxes, late charges, or penalties of any nature, except as required by D.R.M.C. § 20-107, et seq. The price of all goods/services shall reflect all applicable tax exemptions. City's Federal Registration No. is 84-6000580 and its State Registration No. is 98-02890. Vendor shall pay all sales and use taxes levied by City on any tangible personal property built into the goods/services. Vendor shall obtain a Certificate of Exemption from the State of Colorado Department of Revenue prior to the purchase of any materials to be built into the goods/services and provide a copy of the Certificate to City prior to final payment.

8. Risk of Loss:

Vendor shall bear the risk of loss, injury, or destruction of goods prior to delivery to City. Loss, injury, or destruction shall not release Vendor from any obligation hereunder.

9. Invoice:

Each invoice shall include: (i) the Purchase Order number; (ii) individual itemization of the goods/services; (iii) per unit price, extended and totaled; (iv) quantity ordered, back ordered and shipped; (v) an invoice number and date; (vi) ordering department's name and "ship to" address; and (vii) agreed upon payment terms set forth herein.

10. Payment:

Payment shall be subject to City's Prompt Payment Ordinance D.R.M.C. § 20-107, et-seq., after City accepts the goods/services. Any other provision of this Master Purchase Order notwithstanding, in no event shall the City be liable for aggregate payments under this Master Purchase Order in excess of twenty-five million dollars (\$25,000,000). Vendor acknowledges that any goods/services provided beyond those specifically described in **Exhibit A** are performed at Vendor's risk and without authorization from the City. City's payment obligations hereunder, whether direct or contingent, shall extend only to funds appropriated by the Denver City Council for the purpose of this Master Purchase Order, encumbered by the City after receipt of Vendor's invoice and paid into the Treasury of City. Vendor acknowledges that: (i) City does not by this Master Purchase Order, irrevocably pledge present cash reserves for payments in future fiscal years; and (ii) this Master Purchase Order is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of City. City may setoff against any payments due to Vendor any claims and/or credits it may have against Vendor under this Master Purchase Order.

11. Amendments/Changes:

Only the Executive Director of General Services or his/her delegate is authorized to change or amend this Master Purchase Order by a formal written change order. Any change or amendment that would cause the aggregate payable under this Master Purchase Order to exceed the amount appropriated and encumbered for this Master Purchase Order is expressly prohibited and of no effect. Vendor shall verify with the City that the amount appropriated and encumbered is sufficient to cover any increase in cost due to changes or amendments. Goods/services provided without such verification are provided at Vendor's risk. Vendor has no authority to bind City on any contractual matters.

12. Warranty:

Vendor warrants and guarantees to City that all goods furnished under this Master Purchase Order are free from defects in workmanship and materials, are merchantable, and fit for the purposes for which they are to be used. For any goods furnished under this Master Purchase Order which become defective within twelve (12) months (unless otherwise specified) after date of receipt by City, Vendor shall either, at City's election and to City's satisfaction, remedy any and all defects or replace the defective goods at no expense to City within seven (7) days of receipt of the defective goods or accept the defective goods for full credit and payment of any return shipping charges. Vendor shall be fully responsible for any and all warranty work, regardless of third-party warranty coverage. Vendor shall furnish additional or replacement parts at the same prices, conditions and specifications delineated herein.

13. Indemnification/Limitation of Liability:

Vendor shall indemnify and hold harmless City (including but not limited to its employees, elected and appointed officials, agents and representatives) against any and all losses (including without limitation, loss of use and costs of cover), liability, damage, claims, demands, actions and/or proceedings and all costs and expenses connected therewith (including without limitation attorneys' fees) that arise out of or relate to any claim of infringement of patent, trademark, copyright, trade secret or other intellectual property right related to this Master Purchase Order or that are caused by or the result of any act or omission of Vendor, its agents, suppliers, employees, or representatives. Vendor's obligation shall not apply to any liability or damages which result solely from the negligence of City. City shall not be liable for any consequential, incidental, indirect, special, reliance, or punitive damages or for any lost profits or revenues, regardless of the legal theory under which such liability is asserted. In no event shall City's aggregate liability exceed the agreed upon cost for those goods/services that have been accepted by City under this Master Purchase Order up to the total Master Purchase Order Amount. Notwithstanding anything contained in this Master Purchase Order to the contrary, City in no way limits or waives the rights, immunities and protections provided by C.R.S. § 24-10-101, et seq.

14. Termination:

City may terminate this Master Purchase Order, in whole or in part, at any time and for any reason immediately upon written notice to Vendor. In the event of such a termination, City's sole liability shall be limited to payment of the amount due for the goods/services accepted by City. Vendor acknowledges the risks inherent in this termination for convenience and expressly accepts them. Termination by City shall not constitute a waiver of any claims City may have against Vendor.

15. Interference:

Vendor shall notify the Director of Purchasing immediately of any condition that may interfere with the performance of Vendor's obligations under this Master Purchase Order and confirm such notification in writing within twenty-four (24) hours. City's failure to respond to any such notice shall in no way act as a waiver of any rights or remedies City may possess.

16. Venue, Choice of Law and Disputes:

Venue for all legal actions shall lie in the District Court in and for City and County of Denver, State of Colorado, and shall be governed by the laws of the State of Colorado as well as the Charter and Revised Municipal Code, rules, regulations, Executive Orders, and fiscal rules of City. All disputes shall be resolved by administrative hearing, pursuant to the procedure established by D.R.M.C. § 56-106. Director of Purchasing shall render the final determination.

17. Assignment/No Third Party Beneficiary:

Vendor shall not assign or subcontract any of its rights or obligations under this Master Purchase Order without the written consent of the Executive Director of General Services or his/her delegate. In the event City permits an assignment or subcontract, Vendor shall continue to be liable under this Master Purchase Order and any permitted assignee or subcontractor shall be bound by the terms and conditions contained herein. This Master Purchase Order is intended solely for the benefit of City and Vendor with no third-party beneficiaries.

18. Notice:

Notices shall be made by Vendor to the Director of Purchasing and by City to Vendor at the addresses provided herein, in writing sent registered, return receipt requested.

19. Compliance With Laws:

Vendor shall observe and comply with all federal, state, county, city, and other laws, codes, ordinances, rules, regulations, and executive orders related to its performance under this Master Purchase Order. City may immediately terminate this Master Purchase Order, in whole or in part, if Vendor or an employee is convicted, pleads nolo contendere, or admits culpability to a criminal offense of bribery, kickbacks, collusive bidding, bid-rigging, antitrust, fraud, undue influence, theft, racketeering, extortion or any offense of a similar nature.

20. Insurance:

Vendor agrees to secure, at or before the time of execution of this Master Purchase Order, the following insurance covering all operations, goods or services provided pursuant to this Master Purchase Order. Vendor shall keep the required insurance coverage in force at all times during the term of the Master Purchase Order, including any extension thereof, and during any warranty period. The required insurance shall be underwritten by an insurer licensed or authorized to do business in Colorado and rated by A.M. Best Company as "A-VIII" or better. Each policy shall require notification to the City in the event any of the required policies be canceled or non-renewed before the expiration date thereof. Such written notice shall be sent to the parties identified in the Notices section of this Master Purchase Order. Such notice shall reference the Master Purchase Order listed on the signature page of this Master Purchase Order. Said notice shall be sent thirty (30) days prior to such cancellation or non-renewal unless due to non-payment of premiums for which notice shall be sent ten (10) days prior. If such written notice is unavailable from the insurer, Vendor shall provide written notice of cancellation, non-renewal and any reduction in coverage to the parties identified in the Notices section by certified mail, return receipt requested within three (3) business days of such notice by its insurer(s) and referencing the City's Master Purchase Order. Vendor shall be responsible for the payment of any deductible or self-insured retention. The insurance coverages specified in this Master Purchase Order are the minimum requirements, and these requirements do not lessen or limit the liability of Vendor. Vendor shall maintain, at its own expense, any additional kinds or amounts of insurance that it may deem necessary to cover its obligations and liabilities under this Master Purchase Order.

Vendor may not commence services or work relating to this Master Purchase Order prior to placement of coverages required under this Master Purchase Order. The City requests that the City's contract number be referenced on the certificate of insurance. The City's acceptance of a certificate of insurance or other proof of insurance that does not comply with all insurance requirements set forth in this Master Purchase Order shall not act as a waiver of Vendor's

breach of this Master Purchase Order or of any of the City's rights or remedies under this Master Purchase Order. The City's Risk Management Office may require additional proof of insurance, including but not limited to policies and endorsements. For Commercial General Liability, Auto Liability, and Excess Liability/Umbrella (if required), Vendor and sub-contractor's insurer(s) shall include the City and County of Denver, its elected and appointed officials, employees and volunteers as additional insured. For all coverages required under this Master Purchase Order, Vendor's insurer shall waive subrogation rights against the City. Vendor shall confirm and document that all subcontractors and subconsultants (including independent contractors, suppliers or other entities providing goods or services required by this Master Purchase Order) procure and maintain coverage as approved by Vendor and appropriate to their respective primary business risks considering the nature and scope of services provided. Vendor shall maintain the coverage as required by statute for each work location and shall maintain Employer's Liability insurance with limits of \$100,000 per occurrence for each bodily injury claim, \$100,000 per occurrence for each bodily injury caused by disease claim, and \$500,000 aggregate for all bodily injuries caused by disease claims. Vendor shall maintain a Commercial General Liability insurance policy with minimum limits of \$1,000,000 for each bodily injury and property damage occurrence, \$2,000,000 products and completed operations aggregate (if applicable), and \$2,000,000 policy aggregate. Vendor shall maintain Automobile Liability with minimum limits of \$1,000,000 combined single limit applicable to all owned, hired and non-owned vehicles used in performing services under this Master Purchase Order.

21. Severability:

If any provision of this Master Purchase Order, except for the provisions requiring appropriation and encumbering of funds and limiting the total amount payable by City, is held to be invalid, illegal or unenforceable by a court of competent jurisdiction, the validity of the remaining portions or provisions shall not be affected if the intent of City and Vendor can be fulfilled.

22. Survival:

All terms and conditions of this Master Purchase Order which by their nature must survive termination/expiration shall so survive. Without limiting the foregoing, Vendor's insurance, warranty, and indemnity obligations shall survive for the relevant warranty or statutes of limitation period plus the time necessary to fully resolve any claims, matters or actions begun within that period.

23. No Construction Against Drafting Party:

No provision of this Master Purchase Order shall be construed against the drafter.

24. Status of Vendor/Ownership of Work Product:

Vendor is an independent contractor retained on a contractual basis to perform services for a limited period of time as described in Section 9.1.1E(x) of the Charter of City. Vendor and its employees are not employees or officers of City under Chapter 18 of the D.R.M.C. for any purpose whatsoever. All goods, deliverables, hardware, plans, drawings, reports, submittals and all other documents or things furnished to City by Vendor shall become and are the property of City, without restriction. Ownership rights shall include, but not be limited to, the right to copy, publish, display, transfer, prepare derivative works, or otherwise use materials. Software licenses terms may be incorporated herein by an End User License Agreement signed by the Director of Purchasing. Any 'click-wrap' electronic acceptance or other terms and conditions not agreed to in writing by the Director of Purchasing are of no force and effect.

25. Examination of Records and Audits:

Any authorized agent of the City, including the City Auditor or his or her representative, has the right to access, and the right to examine, copy and retain copies, at City's election in paper or electronic form, any pertinent books, documents, papers and records related to Vendor's performance pursuant to this Master Purchase Order, provision of any goods or services to the City, and any other transactions related to this Master Purchase Order. Vendor shall cooperate with City representatives and City representatives shall be granted access to the foregoing documents and information during reasonable business hours and until the latter of three (3) years after the final payment under the Master Purchase Order or expiration of the applicable statute of limitations. When conducting an audit of this Master Purchase Order, the City Auditor shall be subject to government auditing standards issued by the United States Government Accountability Office by the Comptroller General of the United States, including with respect to disclosure of information acquired during the course of an audit. No examination of records and audits pursuant to this paragraph shall require Vendor to make disclosures in violation of state or federal privacy laws. Vendor shall at all times comply with D.R.M.C. 20-276.

26. Remedies/Waiver:

No remedy specified herein shall limit any other rights and remedies of City at law or in equity. No waiver of any breach shall be construed as a waiver of any other breach.

27. No Discrimination in Employment:

In connection with the performance of work under the Master Purchase Order, the Vendor may not refuse to hire, discharge, promote, demote, or discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, ethnicity, citizenship, immigration status, gender, age, sexual orientation, gender identity, gender expression, marital status, source of income, military status, protective hairstyle, or disability. Vendor shall insert the foregoing provision in all subcontracts.

28. Use, Possession or Sale of Alcohol or Drugs:

Vendor shall cooperate and comply with the provisions of Executive Order 94. Violation may result in City terminating this Master Purchase Order or barring Vendor from City facilities or from participating in City operations.

29. Conflict of Interest:

No employee of City shall have any personal or beneficial interest in the goods/services described in this Master Purchase Order; and Vendor shall not hire or contract for services any employee or officer of City which would be in violation of City's Code of Ethics, D.R.M.C. §2-51, et seq. or the Charter §§ 1.2.8, 1.2.9, and 1.2.12.

30. Advertising and Public Disclosure:

Vendor shall not include any reference to the Master Purchase Order or to services performed or goods purchased pursuant to the Master Purchase Order in any of Vendor's advertising or public relations materials without first obtaining the written approval of the Director of Purchasing.

31. Intellectual Property:

Any research, reports, studies, data, photographs, negatives or other documents, drawings or materials (collectively "materials") delivered by Vendor in performance of its obligations under this Master Purchase Order shall be the exclusive property of City. Ownership rights shall include, but not be limited to the right to copy, publish, display, transfer, prepare derivative works, or otherwise use materials. Software license terms may be incorporated herein by an End User License Agreement signed by the Director of Purchasing. Any 'click-wrap' agreement, terms of use, electronic acceptance or other terms and conditions not agreed to in writing by the Director of Purchasing are of no force and effect.

32. Accessibility and ADA Website Compliance:

Vendor shall comply with, and the products and services provided under this Agreement shall be in compliance with, all applicable provisions of §§ 24-85-101, et seq., C.R.S., and the Accessibility Standards for Individuals with a Disability, as established pursuant to Section § 24-85-103 (2.5), C.R.S. (collectively, the "Guidelines"), to the extent required by law. Vendor shall also comply with Level AA of the most current version of the Web Content Accessibility Guidelines (WCAG), incorporated in the State of Colorado technology standards.

33. Federal Provisions:

Where the source of the funds, directly or indirectly for this Purchase Order is the Federal Government, Vendor agrees to the applicable provisions set out below. Vendor shall be responsible for determining which terms are applicable to its products and/or services.

EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE Vendor agrees to comply with Executive Order 11246 of September 24, 1965, entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Part 60).

DAVIS-BACON ACT COMPLIANCE Vendor agrees to comply with the Davis-Bacon Act (40 U.S.C. 3148 to 3148) as supplemented by Department of Labor regulations (29 CFR part 5). **ANTI-KICKBACK ACT COMPLIANCE** Vendor agrees to comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). **CONTRACT WORK HOURS AND SAFETY STANDARDS** Vendor agrees to comply with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5). **RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT** Vendor agrees to comply with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. **CLEAN AIR AND WATER REQUIREMENTS** Vendor agrees to comply with all applicable standards, orders, or requirements issued under the Clean Air Act (42 U.S.C. 7401 et. seq.), and the Clean Water Act (33 U.S.C. 1251 et. seq.). Vendor agrees to report each violation of these requirements to the City and understands and agrees that the City will, in turn, report each violation as required to the appropriate EPA regional office. **ENERGY CONSERVATION REQUIREMENTS** Vendor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act. (42 U.S.C. 6201) **NO**

SUSPENSION OR DEBARMENT Vendor certifies that neither it nor its Principals or any of its subcontractors is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this Agreement by any Federal department or agency. **BYRD ANTI-LOBBYING.** If the Maximum Contract Amount exceeds \$100,000, Vendor must complete and submit to the City a required certification form provided by the City certifying that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress in connection with obtaining any Federal contract grant of any other award covered by 31 U.S.C. 1352. Vendor must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award.

34. Prevailing Wages:

- a. **Vendor** shall comply with, and agrees to be bound by, all requirements, conditions and City determinations regarding the Payment of Prevailing Wages Ordinance, Sections 20-76 through 20-79, D.R.M.C. including, but not limited to, the requirement that every covered worker working on a City owned or leased building or on City-owned land shall be paid no less than the prevailing wages and fringe benefits in effect on the date the bid or request for proposal was advertised. In the event a request for bids, or a request for proposal, was not advertised, Vendor shall pay every covered worker no less than the prevailing wages and fringe benefits in effect on the date funds for the contract were encumbered.
- b. Date **bid** or proposal issuance was advertised 4/23/2026.
 - (1) Sample wages rates can be found at the following link; however, contact the assigned prevailing wage analyst or technician for the wage schedule(s) assigned to your project. <https://www.denverauditor.org/denverlabor/>
 - (2) Increases in prevailing wages subsequent to the date of the contract for a period not to exceed one (1) year shall not be mandatory on either Vendor or subcontractors. Future changes in prevailing wages on contracts whose period of performance exceeds one (1) year shall be mandatory for Vendor and subcontractors only on the yearly anniversary of the actual date of bid or proposal issuance, if applicable, or the date of the written encumbrance if no bid/proposal issuance date is applicable. Prevailing wage and fringe rates will adjust on the yearly anniversary of the actual date of bid or proposal issuance, if applicable, or the date of the written encumbrance if no bid/proposal issuance date is applicable. Unless expressly provided for in this Master Purchase Order, Vendor will receive no additional compensation for increases in prevailing wages or fringe benefits.
 - (3) Vendor shall provide the Auditor with a list of all subcontractors providing any services under the contract. Vendor shall provide the Auditor with electronically-certified payroll records for all covered workers employed under the contract.
 - (4) Vendor shall prominently post at the work site the current prevailing wage and fringe benefit rates. The posting must inform workers that any complaints regarding the payment of prevailing wages or fringe benefits may be submitted to the Denver Auditor by calling 720-913-5000 or emailing auditor@denvergov.org.
 - (5) If Vendor fails to pay workers as required by the Prevailing Wage Ordinance, Vendor will not be paid until documentation of payment satisfactory to the Auditor has been provided. The City may, by written notice, suspend or terminate work if Vendor fails to pay required wages and fringe benefits.

35. Compliance with Denver Wage Laws:

To the extent applicable to Vendor's provision of services hereunder, Vendor shall comply with, and agrees to be bound by, all rules, regulations, requirements, conditions, and City determinations regarding the City's Minimum Wage and Civil Wage Theft Ordinances, Sections 58-1 through 58-26 D.R.M.C., including, but not limited to, the requirement that every covered worker shall be paid all earned wages under applicable state, federal, and city law in accordance with the foregoing D.R.M.C. Sections. By executing this Master Purchase Order, Vendor expressly acknowledges that Vendor is aware of the requirements of the City's Minimum Wage and Civil Wage Theft Ordinances and that any failure by Vendor, or any other individual or entity acting subject to this Master Purchase Order, to strictly comply with the foregoing D.R.M.C. Sections shall result in the penalties and other remedies authorized therein. The services being requested in this solicitation may involve services that are covered pursuant

to Division 3.75 of Article IV of Chapter 20 of the Denver Revised Municipal Code (“D.R.M.C.”), which is designed to address the issue of wage equity and cost of living affordability in the City & County of Denver. Vendor agrees that any contract with the City shall include a requirement that Vendor will comply with the provisions of D.R.M.C. §§20-82 through 20-84, including, but not limited to, paying all covered workers no less than the City Minimum Wage for all covered services rendered in connection with the Contract. Additionally, Vendor agrees that the contract shall require compliance with all current and future federal and state laws and City ordinances.

Wages can be found here: <https://www.denverauditor.org/denverlabor/>

https://denverauditor.org/wp-content/uploads/2019/06/MinWage_overview_flier_2019.pdf

This Master Purchase Order is acknowledged and agreed to by:

Vendor Name:	<u>O.J. Watson Company Inc.</u> (Company Name)	City & County of Denver, Purchasing Division
By:	<u>Mark Eckrich</u> (Authorized Signature)	By: _____
Print Name:	_____	Print Name: <u>Elizabeth Hewes</u>
Title:	_____	Title: <u>Senior Procurement Analyst</u>
Date:	_____	Date: _____

Purchase pursuant to 3.26(e)-This Master Purchase Order is contingent on City Council approval and is void without such action.

RENEWALS/REVISIONS:

Upon renewal, City procurements shall be made via Purchase Order (PO) under the pricing, terms and conditions of this MPO except as specifically noted as a revision (as applicable).

Renewal/Revision No. 1

This Master Purchase Order (MPO) expires on _____.

Should Vendor desire to renew this contract to and including _____ and revise the aggregate amount to \$ _____, please return this page with an authorized Vendor signature.

(only add/use as applicable for future renewals if none indicate 'Not Applicable')

Note(s)/revisions(s):

Vendor Name: O.J. Watson Company Inc.
(Company Name)

City & County of Denver, Purchasing Division

By: _____
(Authorized Signature)

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Federal SAMs re-verification date (save to renewal file):

Renewal/Revision No. 2

This Master Purchase Order (MPO) expires on _____.

Should Vendor desire to renew this contract to and including _____ and revise the aggregate amount to \$ _____, please return this page with an authorized Vendor signature.

Note(s)/ revisions(s):

Vendor Name: O.J. Watson Company Inc.
(Company Name)

City & County of Denver, Purchasing Division

By: _____
(Authorized Signature)

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Federal SAMs re-verification date (save to renewal file):

Renewal/Revision No. 3

This Master Purchase Order (MPO) expires on _____.

Should Vendor desire to renewal this contract to and including _____ and revise the aggregate amount to \$ _____, please return this page with an authorized Vendor signature.

Note(s)/ revisions(s):

Vendor Name: **O.J. Watson Company Inc.**
(Company Name)

City & County of Denver, Purchasing Division

By: _____
(Authorized Signature)

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Federal SAMs re-verification date (save to renewal file):

Renewal/Revision No. 5

This Master Purchase Order (MPO) expires on _____.

Should Vendor desire to renew this contract to and including _____ and revise the aggregate amount to \$ _____, please return this page with an authorized Vendor signature.

Note(s)/ revisions(s):

Vendor Name: O.J. Watson Company Inc.
(Company Name)

City & County of Denver, Purchasing Division

By: _____
(Authorized Signature)

By: _____

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

Federal SAMs re-verification date (save to renewal file):

EXHIBIT "A"

Vendor: O.J. Watson Company Inc.
 Solicitation/ Award Title: Various Truck Bodies, Components, Parts, and Related Installation Services
 Solicitation No: 0751A - 2026

It is recommended that you use your Supplier Contract No. SC-00011472 in all future correspondence and/or other communications.

Description of the goods, and services related thereto, being purchased and pricing:

A.1 SCOPE OF WORK/REQUIREMENTS

This Master Purchase Order is for the purchase of various truck bodies, components, parts, and related installation services. Some examples of this are dump beds, hoists, snowplow and related systems, stake beds, flatbeds, service bodies, light bars, cab protectors, custom fabrication, etcetera. This Master Purchase Order is split into 2 groups:

Group 1: Includes DOT Class 1, 2, 3, Light Duty Trucks along with consumer SUVs and cars.

Group 2: Includes DOT Class 4, 5, 6, 7, 8 Medium and Heavy-Duty Trucks.

A.1.a OEM PARTS VENDOR CRITERIA:

Original Equipment from the Manufacturer (OEM) Manufacturer applies to the following:

- Equipment Manufactures
- Sundry Equipment Manufacturers

OEM parts shall abide by the following:

- OEM Parts and Components that Vendor sells to the City shall be sourced directly from the OEM Manufacturer Parts and Components Distribution Center(s) and/or manufacturer.
- Part Numbers: Supplied Parts and Components Nomenclature/ Identifiers are to correspond with OEM Originally Equipped Parts and Components Nomenclature/ Identifiers.
- The City will allow Parts and Components Identifiers (Part Numbers) to be superseded only as initiated and authorized by the OEM Manufacturer.

A.2 F.O.B. POINT:

All prices quoted must be quoted F.O.B. Denver, Colorado, delivered to:

For completed vehicles and trucks:

- Department of Transportation Facilities:
 City and County of Denver Fleet Management
 Roslyn location 5440 Roslyn Street, Building C – Door 30
 Denver, CO 80216
- Denver International Airport Fleet
 Denver International Airport Fleet
 27500 E. 80th Ave.
 Denver, CO 80249

For parts and components:

- Department of Transportation Facilities:
 - Roslyn location
 - City and County of Denver Fleet Management
 - 5440 Roslyn Street
 - Building C – Door 1
 - Denver, CO 80216
 - Central Platte Location
 - City and County of Denver Fleet Management
 - 1271 West Bayaud Avenue
 - Building #5
 - Denver, CO 80223
- Denver International Materials Management
 - Denver International Materials Management
 - 27500 E. 80th Ave.
 - Denver, CO 80249

The City may add locations within the City and County of Denver at its discretion.

A.3 DELIVERY/SERVICE CONSIDERATIONS:

All deliveries/ services are typically made between the hours of 8:00AM -1:00PM by appointment, Monday through Friday, excluding holidays. However, the City may request delivery and services outside of these hours and/or days on occasion if exigent circumstances arise.

A.4 PARTS AND COMPONENTS CONSIDERATIONS:

- a) PRODUCT RETURN PROTOCOL
 - i) Agencies shall receive full credit for any parts/ components returned within 365 calendar days of initial delivery, including any applicable core charges for a new part and/or a part returned for a core credit.
 - ii) Agencies shall receive a minimum of one-half (1/2) or greater credit for any parts/ components returned within 366-730 calendar days of initial delivery, including any applicable core charges for a new part and/or a part returned for a core credit.
 - iii) Vendor shall contact each using agency within thirty (30) calendar days of agreement initiation to collaborate in relation to return parts/ components protocol(s).
- b) PALLETS
 - i) All pallets supplied shall be non-returnable (unless City agency requires it) and no deposit nor charges shall be applied.
- c) PARTS CONSIGNMENT
 - i) The Vendor shall consider consignment requests on behalf of City agencies.
 - (1) The Purchasing Division will arbitrate consignment arrangements when necessary.
- d) PARTS AND COMPONENT CONSIDERATIONS:
 - i) Standard City Parts and Component Delivery Protocol:
 - ii) Unit prices to be inclusive of shipping and freight: F.O.B. Destination- Denver, Colorado-City and County of Denver property, delivered to multiple City locations.
 - iii) The vendor will be required to maintain adequate local inventories to cover standard orders and usage by requesting City Agencies.

- (1) The City shall coordinate with the awarded Vendor after the agreement has been signed, to identify a list what must be carried in local inventory by the awarded Vendor and what will be used on a standard basis by the City.
 - (a) This list is subject to change at the City's sole discretion
 - iv) The Vendor shall have the ability to provide a minimum of two (2) deliveries to each City owned maintenance facility, F.O.B. Point for repair parts. Additional delivery locations may be added or removed by the City during the life of this agreement. No additional charges will be accepted for new or removed locations.
 - v) Delivery of in-stock / on-hand Parts/ Components, as agreed upon by both parties, at accepted vendor's location are to be delivered FOB Destination-City and County of Denver property at no charge.
 - (1) Orders received Monday-Friday before 12:00 PM requires same day delivery in the afternoon by 5:00 PM or earlier.
 - (2) Orders received Monday-Friday after 12:00 PM requires next business day (Monday-Friday) delivery before 12:00 PM or earlier.
 - vi) The vendor shall collaborate with City agencies regarding their specific delivery requirements including but not limited to weekend and potential swing and night shift requirements during periods of emergency.
 - vii) Deliveries of items not at accepted vendor location that require shipment from outside the Denver Metro Area are anticipated within forty-eight (48) hours (Monday through Friday excluding holidays) from the time the order is placed with the Vendor, at no charge for all freight costs, for all stock and non-stock items.
 - viii) Upon initial parts price and availability request by the City, the accepted vendor shall contact the agency via email within two (2) hours of the initial City request and communicate the anticipated lead-time and pricing of the requested items.
 - ix) The Vendor is to be able to accommodate a City of Denver need for next day delivery for all stock and non-stock items by City Agencies, as required; the City shall only compensate the Vendor for the balance of the next day freight costs versus standard delivery costs. Approval for any of these delivery needs must be provided by an authorized City Agency in writing prior to choosing any shipping option other than standard shipping
 - (1) The City defines next day delivery as delivery to the City location within twenty-four (24) hours from the time of the City's initial request
 - (2) The City defines two-day shipping as within forty-eight (48) hours from the time of the City's initial request
 - (3) The City may request that the Vendor provide a quote that identifies the cost of the materials via standard shipping and/or a quote that identifies twenty-four (24) hour shipping, in order to determine if the expedition of the materials is required.
 - (4) However, the City shall not compensate the vendor for any freight costs for those items specifically identified by each agency in writing that the vendor is to routinely stock for that agency, including any next day or two-day shipping costs.
 - x) Vendor will allow the City to pick up parts within two (2) business hours after an order has been placed- when required.
 - xi) Continual shortages and expedite requirements on the part of the City due to the accepted vendor's inventory shortages may result in termination of Master Purchase Order agreement.
- e) GENUINE MANUFACTURER ASSURANCE
- i) Supplied Parts and Components Nomenclature/ Identifiers are to correspond with Genuine Original Equipment Manufacturer (OEM) part numbers.
 - ii) No substitutions for OEM parts can be made by the Vendor to the City without prior written authorization.
- f) PROCUREMENT METHODOLOGIES-DEFINITIONS
- i) P-CARD: City Agency may utilize a City Credit Card (Procurement Card)
 - ii) Blanket PO (Purchase Order): City Agency may establish a Blanket PO, the Agency will place multiple orders using the same PO Number and the Vendor will be required to invoice indicating the same PO number for multiple purchases over time.
 - iii) PO- City Agency may issue a single PO for a specific set of items for a specific instance; the Vendor will be required to invoice indicating the specific PO number.

- iv) Catalog: The City Agency will order items through the City's ERP 'Catalog File' and issue the vendor PO's. The Purchasing Division, City Agency, and Vendor will continually collaborate to identify and update specific items and their pricing in the City 'Catalog'.
- v) Note: The City reserves the right to add/ delete/ change procurement methodologies for manufacture line items herein throughout the term of Master Purchase Order agreement and any renewal periods.

g) PARTS AND COMPONENT BILLING

- i) Vendor shall be able to accommodate combined periodic billing as required.
- ii) Vendor shall have the capability of having multiple City accounts, with each identifying specific City Agencies for each account
 - (1) This requirement is to also include the name of the individual from the City that has placed the order
- iii) Payment methodology may include, ACH, check or credit card (P-Card/ Procurement Card) for replacement parts
- iv) The vendor cannot offer a separate pricing structure or charge an additional fee(s) for procurement (credit) card purchases for parts and components.

h) PARTS AND COMPONENTS PRICE UPDATES

- i) Vendors shall provide a parts/components price list that will be effective at the beginning of the awarded contract with the City.
- ii) For any parts/components not provided in the price list, the City shall assume that the price charged by the Vendor on the first time the part/component is ordered and charged as the effective price, unless an updated price list is provided by the Vendor that follows the following protocols
- iii) Price list(s) changes/ updates will be allowed to go in effect only if preceded by a fifteen (15) calendar day written notice by the vendor to the City.
- iv) Vendors will be allowed to submit price list changes only once in any one (1) 365 calendar day time period.
- v) Vendor updated pricing is to be submitted in writing or via email to Purchasing and City agencies.
- vi) Revised Published Price Lists will be accepted only in the event of an industry-wide price change, as evidenced by the issuance of revised price lists by the manufacturer and/or a justification acceptable to the Director of Purchasing.
- vii) Percentage Price Adjustment Rates shall remain firm and fixed for the duration of the contract

i) CATALOG (PARTS/ COMPONENTS):

- i) The City has implemented a SKU (Stock Keeping Unit) inventory-tracking module into its financial system, known internally as the 'Catalog';
- ii) It is a specific requirement of this solicitation that an awarded vendor(s) collaborate with the City to introduce and maintain specific SKU's/ Items within the City's 'Catalog' (as required);
- iii) The protocol for the City/ Vendor/ SKU 'Catalog' collaboration includes but is not limited to the following:
- iv) Specific items will be identified by the City to become a SKU/Catalog Item;
 - (1) The City and vendor will collaborate to determine the SKU/Catalog Item description;
 - (2) Specific SKU/Catalog Item pricing will be determined by applying the vendor's price percentage adjustment to the price list and price column identified by the vendor for each SKU/Catalog Item or as determined by specific bid price for the SKU/Catalog Item (as applicable);
 - (3) The SKU/Catalog Item price will be fixed for finite periods as determined by the City;
 - (4) City Agencies will order the SKU/Catalog Item via the City's Purchasing Division's Procurement Module and issue the vendor Purchase Orders;
 - (5) The vendor shall enter/ populate City SKU/Catalog Item upload templates with required information and pricing

A.5 SERVICE CONSIDERATIONS:

a) SERVICE CALLS

All service call rates are to be clearly communicated prior to service, (i.e., trip fee, hourly rate, emergency rates, etc)

- i) Onsite and Field repairs requiring multiple trips/days to complete will be limited to a single trip fee.
- ii) Field Service response time is expected to be within two (2) hours of initial contact

iii) Billable hours are applicable to actual hours worked on the project.

b) WRITTEN REPAIRS

Provide a written quote before proceeding on any repairs, including diagnostics.

- i) Emailed confirmation of acceptance and/or approval is needed from a Fleet Management Supervisor or Manager. Any changes made to an original quote will require additional approval by a Fleet Supervisor or Manager.
- ii) No work should proceed without a purchase order or Emergency Authorization number in place.
- iii) Work order changes require an updated purchase order prior to additional work being done.

c) INVOICING & COMMUNICATION

Until a single point of contact is created, all invoices need to be sent to a Fleet Supervisor or Manager for review and processing.

- i) All invoices must include the following:
 - Invoice Date
 - Date of service,
 - City unit number,
 - City approval by: Name & Date,
 - Amount for PARTS,
 - Amount for Services,
 - Amount for Diagnostics & other shop fees,
 - Total Due with due date
- ii) No taxes should be applied to the invoice as the City and County of Denver is tax exempt
- iii) If a vendor is having difficulties getting an invoiced paid, they should contact the Fleet Supervisors or Managers.
- iv) The vendor shall inform Fleet Supervisors and Managers of any updates, recalls, and technical service bulletins.

A.6 AIRPORT SECURITY:

It is a material requirement of this Contract that the Vendor shall comply with all rules, regulations, written policies and authorized directives from the City and/or the Transportation Security Administration with respect to Airport security. The Vendor shall conduct all of its activities at the Airport in compliance with the Airport security program, which is administered by the Security Section of the Airport Operations Division, Department of Aviation. Violation by the Vendor or any of its employees, subcontractors, and vendors of any rule, regulation, or authorized directive from the City or the Transportation Security Administration with respect to Airport Security shall be grounds for immediate termination by the City of this Contract for cause.

The Vendor shall promptly upon notice of award of this Contract, meet with the Airport's Assistant Security Manager to establish badging and vehicle permit requirements for Vendor's operations under this Contract. The Vendor shall obtain the proper access authorizations for all of its employees, subcontractors, and vendors who will enter the Airport to perform work or make deliveries, and shall be responsible for each such person's compliance with all Airport rules and regulations, including without limitation those pertaining to security. Any person who violates such rules may be subject to revocation of his/her access authorization. The failure of the Vendor or any subcontractor to complete any required services hereunder shall not be excused on account of the revocation for good cause of access authorization of any person.

The security status of the Airport is subject to change without notice. If the security status of the Airport changes at any time during the term of this Contract, the Vendor shall take immediate steps to comply with security modifications which occur as a result of the changed status. The Vendor may at any time obtain current information from the Airport Security Office regarding the Airport's security status in relation to the Vendor's operations at the Airport.

The Vendor shall return to the City at the expiration or termination of this Contract, or upon demand by the City, all access keys or access badges issued to it for any area of the Airport, whether or not restricted. If the Vendor fails to do so, the Consultant shall be liable to reimburse the City for all the City's costs for work required to prevent compromise of the Airport security system. The City may withhold funds in the amount of such costs from any amounts due and payable to the Vendor under this Contract.

A.6.a LAWS, REGULATIONS, TAXES AND PERMITS

The Vendor shall procure all permits and licenses, pay all charges, taxes and fees and give all notices necessary and incidental to the due and lawful prosecution of the work. All costs thereof shall be deemed to be included in the prices proposed for the work.

The Vendor, at all times, shall observe and comply with all federal, state, county, city and other laws, codes, ordinances, rules and regulations in any manner affecting the conduct of the work.

Without limiting the foregoing, the Vendor shall establish appropriate procedures and controls so that services under this Contract will not be performed by using any alien who is not legally eligible for such employment under United States Immigration laws. Failure to comply with this condition satisfactorily may cause the City to terminate this Contract.

A.7 EMERGENCY PURCHASES:

The City and County of Denver reserves the right to purchase from other sources those items which are required on an emergency basis and cannot be supplied immediately by the vendor.

A.8 EMERGENCY 24-HOUR SERVICES:

Emergency twenty-four (24) hour service is to be provided by vendor at no additional cost. The name and phone number of the individual(s) to contact for emergency service shall be furnished to the City:

Mark Eckrich 303.378.8558

Dan Junevicius 303.601.9342

Matt Semmens 303.653.5792

This service requires a live telephone answering service with the capability of immediately contacting operating personnel at all times. Recorded telephone answering service is not acceptable.

A.9 COOPERATIVE PURCHASING:

The City and County of Denver encourages and participates in cooperative purchasing endeavors undertaken by or on behalf of other governmental jurisdictions, pursuant to Denver Revised Municipal Code Sec. 20-64.5. To the extent other governmental jurisdictions are legally able to participate in cooperative purchasing endeavors, the City and County of Denver supports such cooperative activities. Further, it is a specific requirement of this proposal or Request for Proposal that pricing offered herein to the City and County of Denver may be offered by the vendor to any other governmental jurisdiction purchasing the same products.

Vendor must contract directly with any interested governmental agency concerning the matters within this Master Purchase Order.

A.10 ENVIRONMENTAL MANAGEMENT SYSTEM, ENVIRONMENTAL POLICY, AWARENESS, AND COMPLIANCE

Some City operations can pose risks to human health and the environment. Proactive environmental management can reduce risk and prevent harm. The Denver Environmental Performance Program (DEPP) is the City's ISO 14001 Environmental

Management System (EMS). The DEPP ensures all aspects of City operations with the potential to cause environmental impacts are proactively managed. The DEPP reinforces the City's position that the City's business partners are aware of the City's Environmental Policy, and are responsible for supplying goods and services in a manner consistent with this policy. The DEPP also requires business partners ensure the competency of their staff with respect to the environmental impacts of their duties.

The Environmental Policy of the City & County of Denver, may be found at:

<https://denvergov.org/files/assets/public/v/2/public-health-and-environment/documents/eq/2024-denver-environmental-policy.pdf>

All City business partners are required to comply with federal, state, and local environmental regulations. The DEPP requires all City business partners to be aware of the impacts their products and services have on the environment and implement practices to minimize impacts, prevent pollution, and align outcomes with the City's environmental performance goals.

The Contractor shall provide products and services under this agreement consistent with the City's Environmental Policy and any environmental performance goals identified by the agency for whom the contractor is performing work.

A.10.a Environmentally Preferable Purchasing (EPP) Guidance

The City defines Environmentally Preferable products and services as those having a lesser or reduced effect on human health and the environment when compared with competing products and services serving the same purpose. The City's EPP evaluation may extend to materials of manufacture, packaging, transport, recycled content, energy consumption, local recyclability, waste disposal, and other factors.

Vendors are encouraged to describe any EPP attributes of the goods or services they offer to the City. Applicable EPP considerations may factor in product and service evaluations.

A.11 VENDOR PERFORMANCE MANAGEMENT

The Purchasing Department may administer a vendor performance management program as part of this contract. The purpose of this program is to create a method for documenting and advising the Purchasing Department of exceptional performance or any problems related to the purchased goods and services.

Vendor may be required to furnish a performance report to the analyst on an annual basis, providing information that may include but is not limited to:

FOR GOODS

- Total dollar value of purchases per City Agency
- Total number of transactions per City Agency
- Percentage of items shipped from local stock
- Percentage of items backordered
- Average delivery time for stock material
- Average delivery time for backorders

Supplier may also be required to provide additional specific reporting/data as required.

A.12 PRICING

All prices and percentages quoted shall be firm and fixed for the initial year of the contract period.

- Percentage regarding all OEM Parts, Shop Rate, Field Rate, Parts and Components Discounts, and Percentage Discounts towards future Truck Bodies shall remain firm and fixed for the duration of the entire contract period.
- Prices for all OEM Parts, Shop Rates, Field Rates, and Parts and Components may be adjusted annually upon request.
- Prices regarding the purchases of future Truck Body Units may be adjusted annually upon request.

Pricing updates must be submitted along with a justification from the supplier. The City may also consider local market conditions/rates, local inflation rates as documented by the Federal Bureau of Labor and Statistics when considering the supplier's request. The City reserves the right to reject or negotiate any request.

The vendor must provide a complete template that includes both items with price changes as well as items where changes are not requested. Items with price increases must be clearly identified.

Due Dates for the Yearly Pricing requests:

Pricing Update Request due Date	Updated Pricing Period Following Due Date
June 30	September 1 through August 31

A.12.a Group 1 Pricing

See Excel Spreadsheet titled *SC-00011472 OJ Watson Group 1 Pricing Matrix* for items and prices.

A.12.b Group 2 Pricing

Summary of the total prices for the Technical Specifications for Group 2. For specific pricing and technical specifications, see attached document, titled Attachment C Technical Specifications and Bid Items, starting on page 22.

Items	OJ Watson
3.1 - 15 Yard Live Floor Dump Body Equipment	\$108,485.00
3.2 - Body Hoist	\$12,370.00
3.3 - Hydraulic System	\$63,507.00
3.4 - Tarp System	\$5,350.00
3.5 - Pintle Tow Hook	\$5,485.00
3.6 - Snowplow System	\$34,711.00
3.7 - Monroe Flat Plate Hitch	\$6,362.00
3.8 - Monroe Snowplow Misc	\$3,480.00
3.9 - Sundries	\$2,680.00

A.12.c Additional Rate Prices

See attached document, titled Attachment D Additional Pricing Items, starting on page 92.

Attachment C
Technical Specifications and Bid Items
Tandem Axle Multi-Purpose Dump Truck with Options

1. General Description

A new current model year 13-yard multi-purpose front discharging live bottom dump body to be installed on a new current model year, Class 8, 66,000 GVWR (plate certified) business class tandem axle truck. The 13-yard multi-purpose front discharging live bottom dump body is intended to be installed on the cab and chassis (See Attached Specification Documents for Information on the Cab and Chassis) The 13-yard multi-purpose front discharging live bottom dump body shall be compatible and suitable for installation and powered by a turbo-charged diesel engine with charge air cooling, a 66,000 GVWR axle/suspension rating less tires with multi-purpose live-bottom dump body configuration and options. The truck shall be suitable for hauling materials from dirt and debris to asphalt and with options for snow plowing and salt/sand spreading or an approved equal.

1.1. Standard Factory Equipment

All standard factory equipment shall be included with the vehicle/equipment; no deletions of standard factory equipment will be permitted unless specifically superseded in these specifications. Accessories not specifically mentioned herein but necessary to furnish a complete unit ready for use shall also be included.

1.2. Government Requirements (where applicable)

The vehicle/equipment shall be built to, and perform in accordance with, all the requirements of the latest edition of the following standards and specifications:

- FHWA, Federal Highway Administration
- SAE, Society of Automotive Engineers Specifications
- FMVSS, Federal Motor Vehicle Safety Standards
- DOT, Department of Transportation Regulations
- AWS, American Welding Society Standards
- PUC, Public Utilities Commission (Colorado)

1.3. Workmanship and Durability

Workmanship throughout the vehicle/equipment shall conform to the highest standards. Durability shall be sufficient to allow safe and efficient operation of the equipment/vehicle.

1.4. Completion of Bid Items and Alternates

Vendor shall complete each line item in "Offered Equipment" and "Cost" columns in the following manner:

- A. Provide vehicle/equipment's technical information: in "Offered Equipment" provide technical information as requested and provide cost of item in "Cost" column.
- B. Included Standard Equipment: in "Offered Equipment" column provide technical information as requested for standard equipment in, "Cost" column write NC for "No Charge".
- C. Differences: in "RED" ink in "Offered Equipment" column adjacent to Description of Equipment provide information on the item being offered, in "Cost" column provide cost if there is a bid item cost.
- D. Vendors shall break out and list costs for each specification section. Failure to break out proposed costs may cause proposal to be non-responsive. Breakout costs will be used for comparisons clarifying cost issues and if deletions to the specifications need to be made.

1.5. Major Areas of Concern

	Description of Concern
A.	Operator Cab Area to include: 1. Steering wheel belly room. 2. Shoulder leg and hip room. 3. Head room. 4. Operator's vision. 5. Floor height and step distances. 6. Ergonomic layout of vehicle and all body controls. 7. Ease and speed of operation of all functions.
B.	Mirror width for use in narrow and obstructed areas to include: 1. Overall extended mirror width. 2. Minimum mirror width. 3. Ability for mirrors to be hit by obstructions (branches etc) and absorb the hit with out damage. 4. Ability for mirrors to be reset or adjusted into position without operator leaving operator's station.
C.	Dual Function Ability: 1. Primary function is to efficiently and safely transport hot asphalt to City paving projects and discharge the asphalt into the City paving machines efficiently and at proper temperature for efficient mat lay down of the asphalt. 2. Secondary functions are: to efficiently and safely: a Efficiently plow City streets of snow and ice during and after snow storms. b Distribute granular de-icing agents onto the City streets in prescribed tons/mile and record dispensed amounts. 3. Ability to easily and quickly switch between primary and secondary functions.
D.	Warranty: 1. Ability and cost to obtain an extended warranty on dump body, hoist, snowplow/spreader controls and hydraulic system. 2. Location of warranty providers.
E.	Service Ability: 1. Ability to easily service cab and chassis items that require regular (yearly or less) servicing and maintenance. 2. Ability to easily service dump body, snowplow, hydraulic system and spreader body components/items that require regular (yearly or less) adjusting, servicing and maintenance.

2. Build Status of Vehicles:

2.1. Contractor and all sub vendors after receipt of the City's purchase order shall:

The primary Contractor (prime vendor) shall be responsible for providing within 15 business days to the City a "Preliminary Build Status Plan" to include but not limited to:

1. The "Build Status Plan" shall include sufficient detail to assure that the ordered units will meet specifications and be built to the highest quality standards and be delivered on time.
2. Placement date of initial order with the cab and chassis manufacture.
3. Cab and chassis manufacturer's date of order acceptance. Written order confirmation is required.
4. Placement date of initial order with the body manufacture.
5. Body manufacturer's date of order acceptance. Written order confirmation is required.
6. Build date for cab and chassis to include start date and completion date.
7. Build date for body to include start date and completion date.
8. Delivery date of the cab and chassis to the sub vendor's body manufacturer.
9. Beginning and completion dates for installation of the body on the cab and chassis.
10. Ship date for the completed vehicle (cab and chassis with body) from sub vendor's body manufacturer to Denver and which location shipped to.
11. Contractor and sub vendors local vehicle preparation time.
12. Delivery of a completed vehicle meeting specifications to the City.

2.2. The Contractor shall contact all sub vendors:

The Contractor shall contact all sub-contractors providing accessories and equipment for the vehicle (s) and provide the sub-contractors with the a list of all accessories and equipment, manufacturer's order confirmation, order number, vehicle specifications, build date and delivery date to dealer from the vehicle manufacturer on the ordered vehicle. It is the primary selling dealer's responsibility to assure that the sub-contractors orders the accessories and equipment and has the items in stock and is prepared to install the accessories and equipment items when the vehicle arrives at the dealership.

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

3. Basic Requirements or Approved Equal.

The following equipment is intended to be installed on the cab and chassis that is currently in the bid process with the City, RFP # 0750A (2018) The cab and chassis shall be compatible and suitable for the installation of the following body equipment without modifications.

3.1. 13-Yard Stainless Steel Multi-Purpose Dump Body or approved equal

	Description of Equipment	Offered Equipment	Cost (Labor and materials)
A.	General Description: The multi-purpose front discharging live-bottom body shall perform multiple purposes efficiently. They are: 1. In the paving season the body shall transport and off load hot asphalt into the City's paving machines. 2. During snow occurrences the body shall efficiently dispense either salt or sand materials onto City streets with spreading rates as low as 10-lbs per lane mile to a maximum of 150-lbs per lane mile with a 1" gate opening. 3. The body shall also transport sweeper tailings to dump sites. 4. The body shall also be capable of transporting and efficiently off-loading dirt, gravel, cobble and other general construction materials.	Make: MONROE Model: RDS _____ ☒ Yes No Low Spread Rate: 10 _____ lbs/lane mile High Spread Rate: 150 _____ lbs/lane mile ☒ Yes No ☒ Yes No	\$ <u>Included</u>
B.	Stainless Steel Multi-Purpose Live-Bottom Body Construction 1. Length: 15'6". 2. Interior Width: 88-inches. 3. Interior wall height: 44-inch. 4. Volume without sideboards: 11.2-cu. yds. 5. Volume with sideboards: 13.2-cu yds 6. The side walls shall radius slope from the vertical sidewall to the flat floor at the conveyor. The radius/slope shall provide for self cleaning and feeding of materials on to the conveyor. No large "flat" floor/side sections due to poor cleanout of materials 7. The dump body shall have a flat front head sheet or a small/partial dog house to allow for hoist clearance. 8. Tailgate: a. Height 50" or 6" higher than sidewalls b. Tailgate shall be "asphalt type" sloped rearward for efficient dump/discharging asphalt into the City's asphalt pavers. 9. Side walls, head sheet, longsills, top rail and tailgate shall be constructed of 1-piece no splicing of material and be fully welded. 10. Discharge, front of body	Body Length: 192 _____ Body Width: 96 _____ Wall Height: 44 _____ Volume with out side boards: 12 yds³ ☒ Yes No Width of Flat section: 0 _____ in Body is self cleaning/clearing with intended materials to be hauled in the body: Yes No Dog House ☒ Yes No Dog House Size: 15 _____ W x 34 _____ T x 16 _____ D Height: 50 _____ in Tailgate Type: ASPHALT SLOPED _____ ☒ Yes No Discharge Location: FRONT CENTER _____	\$ <u>Included</u>

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

	Description of Equipment	Offered Equipment	Cost (Labor and materials)
C.	Material: - Sides, 1-piece, 7-gauge/ 3/16" minimum, 201 stainless steel. - Head sheet 1-piece, 7-gauge/ 3/16" 201 stainless steel and conform to the body contour. Fully welded inside and outside. - Top rail shall be a box formed 7-gauge/ 3/16" 201 stainless steel self-cleaning design (sloped to inside the body) with the top rail over lapping the side wall for additional stiffness. - Rear corner posts shall be full depth from top of the tailgate to the bottom of the longsills, 7-gauge/ 3/16", 201 stainless steel. - Longsills shall be fully gusseted 1/4", 201 stainless steel, 14" deep. - Lower cross members shall be 7-gauge/ 3/16" x 3" x 2" channel welded to the base of the longsills on 2' centers Top cross members shall be 7-gauge/ 3/16" x 3' x 3" formed angle welded to the top of the longsills on 12" centers.	Material Size & Type: <u>7 gauge, 201 ss</u> Material Size & Type: <u>7 gauge, 201 ss</u> Material Size & Type: <u>7 gauge, 201 ss</u> Quantity: <u>1</u> Material Size & Type: <u>7 gauge, 201 ss</u> Material Size & Type: <u>7 gauge, 201 ss</u> Material Size & Type: <u>7 gauge, 201 ss</u> Material Size & Type: <u>7 gauge, 201 ss</u> Material Size & Type: <u>7 gauge, 201 ss</u>	\$ <u>Included</u>
D.	Under Structure: - Cross members 4" boxed beam 1/4" 201 stainless steel on 12" centers gusseted to longitudinal beams at each beam. - Longitudinal beams maximum height 14" boxed-beam 1/4" 201 stainless steel. - Longitudinal beams shall mount on extruded rubber strips. Mylar insulator to prevent electrolysis shall separate all dissimilar metals (steel, aluminum).	Material Size & Type: <u>1/4" 201</u> Material Size & Type: <u>1/4" 201</u> Height: <u>14</u> in ☒ Yes ☐ No ☒ Yes ☐ No	\$ <u>Included</u>
E.	Conveyor Floor: - The floor shall be minimum 1/4" AR 400 steel - The floor shall be easily replaceable (bolt-in). - The floor shall have 7-gauge/ 3/16" 201 stainless steel conveyor chain guards. The chain guards shall be easily replaceable (bolt-in).	Material Size & Type: <u>1/4" AR 400</u> ☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No	<u>Included</u>
F.	Conveyor Floor Cover: - The conveyor shall have a 1/4" steel slide-in conveyor cover for use when not using the conveyor for dispensing salt/sand. - The covers shall have 2 D-hooks for lifting - The conveyor cover shall be secured to the body so that it cannot come loose or come out during dumping of loads - How is the floor cover installed and removed (explain)	Material Size & Type: <u>1/4" AR 400</u> ☒ Yes ☐ No How Secured to Body: <u>Bolted. Remove bolts, lift out With overhead lift.</u>	<u>Included</u>

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

	Description of Equipment	Offered Equipment	Cost (Labor and materials)
G.	Conveyor: - Conveyor shall be forward discharging - Conveyor chain width: 24" measured outside edge of chain to outside edge. - Conveyor chain: pintle D667XH type with 26,000-lb tensile strength per stand carbon steel with stainless steel pins and cotter pins - Cross bars: 1-1/2" x 1/2" spaced on every chain link approximately 2-1/4" spacing (tight spacing). - Drive sprockets: 8 tooth, carbon steel keyed to 2" dia. Shaft minimum. - Conveyor motor: 9-hp @ 1,500 psi/15 gpm high-torque, low speed hydraulic motor direct drive to a reduction gearbox. - Conveyor bearings: self-aligning, shielded ball flange bearings easily lubricated from central location at rear of unit. - Chain wiper: provided at front of conveyor unit. - Chain adjustment is not spring-loaded idler shaft with 3" minimum adjustment. Chain shall be easy to adjust from rear	Discharge Direction: <u>Forward</u> Chain Width: <u>24"</u> Pin Material: <u>Stainless</u> Cross Bar Spacing: <u>4-1/2"</u> Shaft Size: <u>2"</u> _____ in Motor Specs: <u>18 CID</u> Connector Type: <u>M12 Brad Harrison</u> Bearing Type: <u>4-bolt flange</u> ☒ No ☒ No ☒ No	Included
H.	Material Feed Gate: - Material feed gate shall be set for 3 openings: - A non-adjustable 1" open position measured from top of the conveyor cross bar. - Full closed which prevents salt/sand from dribbling out onto the conveyor. - Full. Open position for maintenance purposes. - Feed gate opening 10" high x 19" wide, material stainless steel. - The material feed gate shall manually open/adjust and pin in position with a stainless steel spring loaded pin caged to the handle.	☒ No ☒ No ☒ No Opening Size: <u>10"</u> ☒ No	Included

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Various Truck Bodies with Service and Parts Consideration

	Description of Equipment	Offered Equipment	Cost (Labor and materials)
I.	Spinner and Chute: - The spinner shall be mounted under the front of the body below the conveyor. - The spinner assemble shall be polyurethane with 6 radial distribution fins. - The spinner assembly shall be easy and quick to remove for summer and reinstall for winter. - Installation and remove time shall take no longer than 30 minutes with 4 minimum spring loaded stainless steel caged pin brackets. (Bolts are not preferred) - The truck frame attachments shall mate to the lower chute/spinner assembly. The attachment shall use two ¾" handle pins with 14-3/8" grip through the plate brackets mating into female holes in the chute/spinner assembly frame. - When chute/spinner is removed from the truck only mounting brackets shall remain on the truck. - The spinner hydraulic connections shall be thru a multi-hose lever-arm connector system. - The system shall be a Faster Quick Release Coupling Multi-Faster Series set up the same as City units CH150 thru CH153. (no approved equals) - Female Coupler: P/N 2P508-4-12-N-F - Male Coupler: P/N 2P508-4-12-N-M - All male/female fittings shall have protective cover guards to prevent dirt and damage when the hoses are disconnected - Spinner disk shall be direct mounted on 7.5-hp @ 1500 psi/12 gpm high-torque, low speed hydraulic motor shaft, material carbon steel. Motor shall have built-in speed sensor with "Brad Harrison" connector. - The 24" spinner disc shall be ½" thick poly with six straight flights - The chute shall have an internal baffle and shall direct salt/sand around the driveline.	Location: <u>As specified</u> Material Size & Type: <u>24" poly</u> ☒ Yes No Install/Removal Time: <u>As specified</u> minutes ☒ Yes No ☒ Yes No ☒ Yes No ☒ Yes No Make: <u>Faster</u> Model: <u>Quick Release</u> Part Number: <u>2P508-4-12-N-F</u> Part Number: <u>2P508-4-12-N-M</u> Make: <u>White</u> Model: <u>RS</u> Motor Specs: <u>3.2</u> ConnectorType: <u>Brad Harrison M 12</u> ☒ Yes No ☒ Yes No	Included

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Various Truck Bodies with Service and Parts Consideration

	Description of Equipment	Offered Equipment	Cost (Labor and materials)
J.	Spinner Deflector Shields: - Spinner Shields: - Sides, 2 shields, adjustable. Constructed of stainless steel. - Left side, 1 shield, adjustable. Constructed of stainless steel - Right side, 1 shield, adjustable deflector. Constructed of 7 ga. stainless with a 32" diameter and a 11° convex to deflect the material downward. - One (1) rear easily removable for driveline maintenance and repair covering of ¼", 2-ply reinforced rubber shall be installed between the conveyor and around the driveline to prevent salt/sand - Driveline protection, easily removable for maintenance and repair. - Protective covering shall be ¼" thick, 2-ply, reinforced rubber - Installed in and below the truck frame in front of the front drive axle to prevent salt/sand materials from contacting the vehicle axles, suspension, brakes and other components located in the axle area of the truck. - The rubber skirting shall extend down to within 10" of the pavement - The rubber skirting shall be easily removable for maintenance and repair, 15 minutes maximum.	Yes No Yes No Yes No Yes No Yes No Yes No Location: <u>As specified</u> Height Above Pavement: <u>10</u> in Removal/Reinstall Time: <u>15</u> minutes	Included
K	Heavy-Duty Tailgate: - Rear tailgate shall be "high lift" forward hinged 12" on top with dump-thru capabilities. The "high lift" is desired for easier dumping of snow and leaves. - Tailgate construction: 50" high x 88" wide, 6-panel, 7-gauge/ 3/16" 201 stainless steel with a 10-gauge perimeter boxed reinforcement. - Offset top hardware. - Fully welded construction with reinforced hinge and latch points. - Tailgate chains shall be covered to prevent body damage. - Hinge pins shall stainless steel. The pins shall also be drilled for a safety hairpin cotter pin. - Safety hairpin cotter pins shall be 302 stainless steel and attached to the body with attachment chain to prevent loss. A safety pin storage hole shall be provided at each location.	Yes No Yes No Panels: <u>6</u> Material Size & Type: <u>7-gauge stainless steel</u> Pin Type: <u>Stainless</u> Yes No	\$ <u>Included</u>

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	Description of Equipment	Offered Equipment	Cost (Labor and materials)
L.	Banjo Plates: 1. Banjo plates, 201 stainless steel, added for support/safety chains at rear corner posts and tail gate as required. 2. Tailgate shall be able to operate in partial to full open position.	☒ Yes No ☒ Yes No	\$ <u>Included</u>
M.	Cab Protector: 1. Cab protector 1/8", 201 stainless steel load bearing type 36" in length with a 10" inset on both sides to provide vehicle exhaust clearance and be symmetrical. 2. Cab protector shall be inset 10" per side to provide 6" minimum clearance to the exhaust pipe. 3. Cab protector shall have provisions for safety strobe lights, Whelen Model 500 series surface mount with branch protection.	Size: <u>36"</u> Inset Amount: <u>10</u> in ☒ Yes No	\$ <u>Included</u>
N.	Horizontal and Vertical Members: 1. All horizontal and vertical members shall be self-cleaning to prevent material build up.	☒ Yes No	\$ <u>Included</u>
O.	Side Board Holders: 1. Height at top of the side boards shall not exceed 8'-10" 2. Side board holders shall be bolt thru design for with a 4" width. 3. Sideboards 3" x 7" stainless steel C-Channel with a 3" wide x 3" high, P/N CACD830 Acme Rubber Company (1.800.222.2263) 4. The dock bumper shall be bolt attached thru a continuous strip of 3/16" stainless steel, bolted on 8" centers, to the top of the stainless steel C-channel.	Height @ Top of Side Boards: <u>8"</u> ☒ Yes No Make: <u>MTE</u> Model: <u>RDS</u> ☒ Yes No	\$ <u>Included</u>
P.	Tie Down Rail: 1. Tarp tie-down rail or 5 evenly spaced hooks on side of body and on tailgate. 2. Tie-down rail and hooks shall be 3/8" dia. 201 stainless steel minimum.	Tie Down Rail No Hooks Quantity: <u>N/A</u> Yes No	Included
Q.	Rear Fenders: 1. Fenders shall be full body length with 3" formed outer lips. 2. Fenders shall be constructed from 7-gauge/ 3/16", 201 stainless steel 3. Fenders shall be reinforced to the body at the front and rear of the body minimum	☒ Yes No ☒ Yes No ☒ Yes No	Included

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	Description of Equipment	Offered Equipment	Cost (Labor and materials)
R.	Suspension Protection: - For Hendrickson rear RTE-463 walking-beam, multi-leaf spring system, dual spring rate. - Rear rubber skirting to 10" above the pavement shall extend across the rear to prevent asphalt from getting onto the rear suspension and causing damage. - Front rubber skirting to 10" above the pavement shall extend across the front of the suspension to prevent salt/sand from getting onto the rear suspension and causing damage. - The rubber skirting shall be easily removable for maintenance and repair, 15 minutes maximum.	☒ No Height Above Pavement: 10" _____ inch ☒ Yes No Height Above Pavement: 10" _____ inch Removal Time: 15 _____ minutes	\$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u>
S.	Shovel Bracket: - Shovel hook bracket (2 required) located on the left and right side wheel cover of the dump body. - The bracket shall be a spring-loaded snap-close clamp to secure the shovel handle to the body with a retention bracket for the top end of the shovel to slide into. The shovel blade shall face forward.	☒ No ☒ No	\$ <u>Included</u>
T.	Toolbox: - A toolbox shall be installed on top of the left rear fender just forward of the tandem dual tires. - The toolbox shall fit the body contour on the back side. - The toolbox shall be 66" L x Fender Width x 16" T. - The toolbox door shall be bottom hinged with stainless cable stops on each end of the door - The box shall be constructed of 304 stainless steel material.	Location: <u>As specified</u> ☒ No Toolbox Size: 16 _____ x 24 _____ x 66 _____ ☒ No ☒ No	\$ <u>Included</u>
U.	Mudguards: - Front of tandem aluminum. - Rear of tandem heavy-duty rubber anti-sail type. The mud flaps shall be easy to swing forward and hook above the rear tire. The latch system shall have a reinforced hole on the mud flap and a hook on the body to retain the mud flap. - The rear mud flap hinge joint shall be chain type (no axle type allowed) - The mud flaps shall not come unhooked when the dump body is raised for dumping into the paving machines.	☒ No ☒ No Hinge Type: <u>Chain</u> _____ ☒ No	\$ <u>Included</u> \$ <u>Included</u>

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	Description of Equipment	Offered Equipment	Cost (Labor and materials)
V.	Ladder 1. Mounted left and right rear side of body centered above the rear tire. 2. Ladder rungs shall be open grip strut non-slip type. 3. Ladder portion below the body shall be a bolt-on type. 4. Rungs shall be evenly spaced 5. Left side 1st rungs no more than 22" above the ground. 6. Right side 1st rungs no more than 22" above the ground.	Location: <u>As specified</u> Rung Material: <u>As specified</u> 1st Rung Height: <u>22"</u> inches 1st Rung Height: <u>22"</u> inches	\$ <u>Included</u>
W.	Vibrator, 1. Vibrator, 2 required, shall be a Cougar DC-1100 12-vDC or approved equal: 2. Dump body shall have a 12-vDC electric vibrator securely attached to the each lower side of the dump body structure. 3. Each vibrator shall produce a minimum of 1,000-lbs of centrifugal force. 4. Mounting bolts shall not protrude through the floor. 5. A stainless steel safety cable shall secure the vibrator to the body with a minimum of two attachment points located on opposite sides on the vibrator to prevent the vibrator from falling off if the bolts come loose. 6. The vibrator shall be mounted using Grade 8 fasteners, washers and lock nuts. 7. The electrical system shall include a. Operator abuse automatic timer shutdown. The timer shall be mounted in a location/manner to prevent operator adjustment. b. Automatic overload protection. c. Copper #4 welding cable minimum. d. Cab mounted momentary operator button wired through a constant-duty solenoid. 8. The vibrator shall be fully sealed against high-pressure wash water, corrosion, and road dirt. 9. The vibrator shall be maintenance free not requiring lubrication or other routine maintenance functions except checking mounting bolts.	Make: <u>Cougar</u> Model: <u>DC1100</u> ☒ Yes ☐ No Force: <u>1000- LBS</u> ☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No Cable Size: <u>#4</u> ☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No	\$ <u>Included</u>

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	Description of Equipment	Offered Equipment	Cost (Labor and materials)
X	Vehicle Rear Lights: (Approved Equals allowed) 1. All lights shall be Truck-Lite "Lifetime Warranty" 12vDC, LED type, flush mount, sealed lexan body, grommet insulated with Fit' N Forget multi-pin plugs where possible. 2. Integral Stop/Turn/Tail/ lights mounted in the rear corner post of the dump body model Super 44 P/N 44302R or model 60 P/N 60250R. 3. Back up lights Truck-Lite LED, flush mount, sealed lexan body, grommet insulated, multi-pin units model 44 P/N 44206C. 4. Marker lights Truck-Lite LED 3 per side model 10 P/N 10250R or 10250Y or model 30 P/N 30250R or 30250Y. 5. Rear ID bar Truck-Lite LED model 35 P/N 35741R or 35740R. 6. License plate light, Truck-Lite model 15 P/N 15040 7. Wiring shall be sealed Fit' N Forget modular plug-in type where possible. 8. Salt/sand spreader illumination light Ecco PN E92007 500 lumens. The light shall be installed to provide night vision at the spreader for the operator but shall not blind on-coming traffic. Location shall be mutually determined at installation 9. Dielectric grease shall be applied to all plug connections and terminals to prevent corrosion.	Make: <u>Truck Lite</u>_____ <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No Make: <u>Ecco</u>_____ Model: <u>E92007</u>_____ <u>Yes</u> No	\$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u>

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	Description of Equipment	Offered Equipment	Cost (Labor and materials)
Y	Strobe Light System: Rear Corner Posts: - Whelen 500 series rubber grommet flush mount system "Ultra Bright" LED strobe/flasher. - Strobe lights shall be located as follows: - Rear corner posts top, (1) required per side Whelen 500 Series - Installed above the integral Stop/Turn/Tail/ lights. "Amber", grommet mounted top left side. "Blue", grommet mounted top right side. Cab Protector: - Whelen Model 500 series surface mount with branch protection LED strobe, (2) required per side one front facing and one side facing on front outer corners of the cab protector. "Amber", mounted left side P/N 50A03ZAR. (2 required) "Blue", mounted right side P/N 50B03ZBR. (2 required) - Brush Guard P/N 5-BRUSH (4 required) - The warning lights shall operate off the "Touch Screen Control" panel Spec Section 3.6.E, with 1 switch per strobe light, with light to indicate the strobe is on shall be provided. - Dielectric grease shall be applied to all plug connections and terminals to prevent corrosion.	Make: <u>Whelen</u> Model: <u>500</u> Make: <u>Whelen</u> Model: <u>500</u> Yes No (In-Power illuminated soft touch Switch panel) ☒ Yes No	\$ <u>Included</u> \$ <u>Included</u>
Base 15-Yard Live Floor Dump Body Equipment SUB TOTAL COST:		\$ <u>\$108,485.00</u> Please see OJW option quote MRE2036 for Chevron safety panels and backup camera	

3.2. Body Hoist or approved equal:

	Description of Equipment	Offered Equipment	Cost
A.	Body Hoist: 1. Hoist, Mailhot CS series double acting, nitrated cylinders, direct lift nominal 27.5-ton hoist or approved equal. Vendor shall load test and verify that the hoist is appropriate for its intended use. 2. The hoist capacity and design shall be appropriate to lift a fully heaped load of asphalt, wet sand or design water load. 3. Hoist material medium-tensile steel meeting NTEA Class 100 requirements. 4. Hoist shall be "Direct Lift" type design with the initial cylinder force directed upward for sufficient breakaway force and cylinder force to lift the loads outlined in Sec 3.7.A.2. 5. Hoist pivot point bearings shall be greaseless composite bearing material "Never Require Lubrication". 6. Hoist capacity: 79,800 lbs on 1st stage @ 2,500 psi. 7. Hydraulic system pressure 2,500-psig maximum with 27.5-ton capacity rated at 70% or less of system capacity. 8. Vendor shall demonstrate with load lift test that the hoist is proper for the application and the City's intended use. 9. Hoist cycle time: 30 to 45 seconds. 10. Hoist cylinders shall have internal bypass to protect cylinders from damage. 11. Powered up and power down. 12. Rear Hinge: • Fabricated from 8" x 4" x 1/2" structural angle iron. • Hinge pins shall be 2-3/8" 416 stainless steel • The body hinges and bearings shall be composite greaseless not requiring-lubrication. • Hinge plate shall be fully welded to the dump body and to the truck frame. 13. Dump angle 50°. 14. Lift cylinder: Nitrated cylinder rod all stages.	Make: <u>Mailhot</u> Model: <u>CS</u> NTEA Type: <u>Telescopic</u> Class: <u>100</u> Ton Rating: <u>27.5</u> tons Hoist Type: <u>Direct lift</u> ☒ Yes No Capacity: <u>39</u> tons at <u>2500</u> psig ☒ Yes No Cycle Time: <u>45</u> seconds ☒ Yes No ☒ Yes No Steel Type: Stainless _____ Size: <u>2-2/3"</u> Material Size & Type: <u>Greaseless Composit</u> ☒ Yes No ☒ Yes No Dump Angle: <u>50</u> ☒ Yes No	\$ Included _____ \$ Included _____

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	Description of Equipment	Offered Equipment		Cost
B.	Dump Body Safety Legs:			
	1. Dump body anti-lowering safety legs shall be provided.	Yes	No	\$ Included____
	2. The safety legs shall lock the dump body in the raised position preventing lowering of the dump body.	Yes	No	\$Included____
	3. Pin storage (if applicable) in a sleeve, that the pin can not fall/vibrate etc. out of shall be provided.	Yes	No	\$Included____
	4. The pin shall be attached to the safety arm/dump body/chassis with chain/cable to prevent loss.	Yes	No	\$ Included____
	5. Safety legs shall rest in a saddle to prevent bouncing around.	Yes	No	\$ Included
Underbody Hoist SUB TOTAL COST:		\$12,370.00		—

3.3. Hydraulic System and Controls:

	Description of Equipment	Offered Equipment	Cost
A.	Hydraulic System Perimeters and Drive Method: - Hydraulic system shall operate off of the truck's system at low engine idle (750 rpm) and remain functional at all engine speeds not gaining increased performance above low engine idle speed. - Chelsea model 890 transmission "Hot Shift" PTO with hydraulic pump direct mounted to rear of the transmission with a fully enclosed "wet" drive shaft. PTO shall be rated for 670 lb-ft of torque constant duty.	Engine Operating RPM: <u>600-2000</u> rpm PTO Direct Mount: ☒ Yes No Make: <u>Chelsea</u> Model: <u>890</u>	\$ Included_ \$ Included_
B.	Hydraulic System Design: - Hydraulic System shall be closed center, pressure compensated, load sensing type to provide hydraulic power to all accessories. All hydraulic components shall operate effectively and efficiently at 2,500 psi. - Pressure gauges for each hydraulic circuit shall be glycerin filled. - To augment the circuit pressure gauges the active hydraulic circuit pressure shall be displayed on the Operator Screen - Hydraulic Pump shall be cast iron variable displacement load sensing piston type, - Hydraulic pump size sufficient to operate the dump body snowplow and sand spreader, (approximate size 5.5 cid [cubic inch displacement] for transmission mount application), pump shall not interfere with the drive shaft or other items that require periodic service or repair. - SAE rear ports, SAE type mounting flange. Pump shall be rated for pressures up to 5,000 psi. Pump shall be Sauer Danfoss Series 45 direct mounted to the rear of the transmission using a Chelsea 890 series constant mesh PTO. - Hydraulic system shall operate at 2,500-psig maximum operational pressure and 40 gpm minimum at 1,700 rpm. - The hydraulic system shall be proper for intended use	System Type: <u>FORCE America</u> ☒ Yes No Make: <u>TXV</u> Model: <u>90</u> Pump Size: <u>5.61</u> cid Operating Pressure: <u>2,500</u> psig Pump Make: <u>TXV rated to 5000 PSI</u> Model: <u>92</u> Flow: <u>41</u> gpm @ <u>2,500</u> psi @ <u>1,700</u> rpm PTO Make: <u>Chelsea</u> Model: <u>890</u> <u>890 Hot Shift PTO, 897 constant mesh available</u> ☒ Yes No ☒ Yes No	\$ Included_ \$ Included_ \$ Included_ \$ Included_ \$ Included_ \$ Included_ \$ Included_ \$ Included_

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	Description of Equipment	Offered Equipment	Cost
C	Hydraulic Reservoir and Valve Enclosure System: - Hydraulic reservoir/enclosure shall be mounted on the driver's side of the truck frame behind the cab, constructed of 10 gauge steel, "Black" powder coated, 35 gallon nominal capacity and equipped with the following: - Hydraulic oil shall be ISO Grade 32 multi-viscosity with a -40°F pour point. - Valve assembly to be enclosed in the tank structure. - Magnetic drain plug, - Oil level and temperature sight gauge cage protected. The oil level indicator line shall be permanent (No Decals/Stickers) - Internal baffle - Filler breather assembly w/mesh basket and chain. - Raised formed flange for breather - Suction port 2" NPT located, backside, one inch off of bottom - Suction strainer two inch NPT 100 mesh - Drain port ¾ inch NPT on bottom - Provisions for tank mount filter - Valve 2" full flow brass ball valve shall be plumbed at the suction port of the tank - Valve compartment shall have an easily removable, no tools	Reservoir Volume: <u>35</u> gallons Oil Type: <u>TED</u> Yes No Yes No Yes No Yes No Yes No Yes No Yes No Size <u>Flush Mount</u> <u>2" NPT</u> Size: <u>2"</u> Mesh Size: <u>100</u> Size: <u>3/4"</u> Yes No Yes No Yes No	\$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____ \$ Included ____
D.	Hydraulic Filtration: - In-tank hydraulic filter. - Rated for no less than 80 gpm - Filter Schroeder CPI SG03020010 with KZ 10 Synthetic 10 micro-glass element with visual condition indicator gage High Pressure, Pressure line Parker model (World Pressure Filter) WPF 7,000 psig rated with 7-micron absolute tandem type (1 per pump).	Yes No Rating: <u>100</u> gpm Make: <u>Zinga</u> Model: <u>TS1600</u> Filter Rating: <u>10</u> microns Make: <u>Internormen</u> Model: <u>HP171</u> Filter Size: <u>25</u> microns	\$ Included ____ \$ Included ____ \$ Included ____

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	Description of Equipment	Offered Equipment	Cost
E.	Hydraulic Control Valve Section: - The hydraulic valve section shall be a modular manifold design that will efficiently and effectively operate either a front mount salt/sand conveyor and spinner, slid-in salt/sand spreader with liquid (prewet, anti-ice @ 15 gal/lane mile and ice blast @ 75gal/lane mile), dump hoist and other specified hydraulically driven components. - Each hydraulic function shall have its own individual manifold stacked together to form the manifold base. - The manifold shall consist of: - Inlet porting: SAE #16. - Outlet porting: SAE #20. - Load sense porting: SAE #4. - The dump body manifold shall be stacked next to the inlet port. - The hydraulic control valves shall be pulse-width modulated and proportionally controlled. - Each hydraulic valve segment shall be individually mounted to the manifold base assembly and be serviceable without removing any hydraulic hoses or other hydraulic valve segments. - Each hydraulic valve segment shall have its own individual heavy-duty, continuous-duty solenoid coil. - Each solenoid coil shall have an LED power indicator light for troubleshooting and have water/magnesium proof AMP Jr. Style connectors. - All coils shall operate on 12vDC and require a maximum of 1,400 mille-amps. - Each hydraulic valve shall be equipped with a cam lever style manual override except for the conveyor and spinner sections (these will have thumb screw overrides). Overrides shall be easy to access and operate.	Make: <u>FORCE America</u>_Model: <u>Add-A-Fold</u> ☒ No ☒ No Size: <u>#16</u> Size: <u>#20</u> Size: <u>#4</u> Manifold Design: <u>Yes</u> Valve Type: <u>PWM proportionally controlled</u> ☒ No ☒ No ☒ No Deutsch connector ☒ No ☒ No	Included

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E Cont.	10. Valve Rating: a. Dump body section shall be a Sauer Danfoss PVG100 rated at 47-gpm minimum. b. All other sections shall be rated at 27-gpm minimum. 11. The sand/salt spreader manifold shall have 5 valve cartridge ports for: a. Conveyor b. Spinner c. Prewet (blank/plugged for future use) d. Anti-Ice (blank/plugged for future use) e. Spare (blank/plugged for future use) 12. Control valve specifications a. Dump Body Hoist: 4-way double acting with 500 psi down side work port relief valve. b. Plow Lift: 4-way double acting with 500 psi down side work port relief valve c. Plow Angling: 4-way double acting d. Conveyor: 2-way cartridge style flow control with manual override rated at 17-gpm 11. Spinner: 2-way cartridge style flow control with manual override rated at 7-gpm	Make: <u>FORCE America</u> Model: <u>Add-A-Fold VDM</u> Rating: <u>40</u> _____ gpm Rating: <u>20</u> _____ gpm <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No <u>Yes</u> No GPM: <u>40 hoist section</u> _____ <u>Yes</u> No GPM: <u>20 plow lift</u> _____ <u>Yes</u> No GPM: <u>20 plow angle</u> _____ <u>Yes</u> No GPM: <u>14 or 21 GPM conveyor, 7 GPM spinner</u> _____	\$ Included _____ \$ Included _____ \$ Included _____ \$ Included _____ \$ Included _____ \$ Included _____ \$ Included _____
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	Description of Equipment	Offered Equipment	Cost
F.	Plow Edge Protection System: - The snowplow edge protection system shall function to: - Reduce plow weight on snowplow edge. - Eliminate the requirement for castor support wheels. - Add hydraulic up (lift) pressure to snowplow lift circuit to reduce weight of the plow on the roadway. - The cumulative weight of the plow weight and hydraulic down pressure shall be adjustable and balanced with up/lift hydraulic pressure to provide efficient snowplowing and reduce plow edge wear. - Adjustments shall be sealed/tamperproof so only authorized personnel can make adjustments to plow balance settings. - The snowplow shall be free to follow the contour of the roadway and shall do so utilizing an active modulating hydraulic function that forces the snowplow to the road surface as well as holds (counters) the plow from full force down on the roadway. The net result shall be: - Plow lift must be immediate to avoid plow or roadway damage. - Plow return to plowing shall be fast to minimize under plowed stretches of roadway. - The amount of both the down force and countering up lift shall be adjustable to provide proper plowing operation. - The balance system shall not require being turned off to raise or lower the plow. - When the plow balance system is turned off the full weight of the plow shall be applied to the roadway. - The plow balance system shall be controlled via CAN integrated rocker switch located on the snowplow control panel. The switch shall be easy to access and lighted when the circuit is in operation. - The balance valve system shall utilize manifold mounted, solenoid activated cartridge valves. - Each solenoid coil shall have an LED power indicator light for troubleshooting and have water/magnesium chloride proof Din connectors. - Each hydraulic valve segment shall have its own individual heavy-duty, continuous-duty solenoid coil. - Hydraulic test ports for field observation of control pressures shall be provided in a very easy to access location	Make: FORCE America ___ Model: Power Float _____ Yes No Yes No How Sealed: Lock nut inside valve cartridge Yes No Yes No Yes No Yes No Yes No Yes No Where located: Armrest switch, LCD header message Yes No Yes No Lighted Deutsch connector Yes No Yes No System pressure and power float gauge installed in valve.	\$ Included ___ \$ Included \$ Included ___ \$ Included ___ \$ Included ___ \$ Included ___ \$ Included ___ \$ Included ___ \$ Included ___ \$ Included ___ \$ Included

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	Description of Equipment	Offered Equipment	Cost
G.	Snowplow, Spreader and Hoist Control System or Approved Equal: 1. Certified Power "Freedom" ACS Control system with the following characteristics or Approved Equal. 2. A complete in-cab integral console control system shall include all hydraulic functions, spreader functions, auxiliary functions, warning indicators and diagnostic and programming functions. 3. The ACS system shall be ergonomically mounted on a center floor or seat mounted armrest design control console as follows:: 4. The winter snowplow/snow fighting and summer systems shall: a. Communicate over a CAN Open system bus using CAN Open protocol and shall not be a proprietary communication protocol. b. The system shall consist of four primary modules that reside on the Bus and allow flexibility in mounting configurations. c. The system is completely expandable and allows for additional modules to be added to the CAN Bus. d. All four primary components of the system are firmware upgradeable using a laptop and Certified Power, Inc. interface cable(s). e. The configuration file for a calibrated system can be saved for transfer to other systems or as a backup providing the ability to use specific configurations for varying vehicle use or operator skill level. f. The original setup configuration shall be maintained at the factory as a secondary backup and is traceable by part number. g. The system shall incorporate three levels of security and access that is password protected and defined by the user. No tools, PC or Fobs are required. h. There shall be three levels of access called 1) "operator", 2) "technician" and 3) "administrator" shall give the user varying levels of access to the system setup, data, configuration fields and parameters based upon access given. 1) Operator shall only have access for on-screen data and collection of dispersion data. 2) Technician shall be capable of calibrating and diagnosis 3) Administrator shall have full access to all menus in the system and have the ability to make system configuration changes as well as system parameter changes.	Make: FORCE America_Model: 6100 GEN 5 _____ ☒ Yes No ☒ Yes No Type System: CAN open protocol_____ Number of Modules: 4_____ ☒ Yes No ☒ Yes No Firmware upgrade with USB and OTA on Precise GPS activated trucks. ☒ Yes No ☒ Yes No ☒ Yes No ☒ Yes No ☒ Yes No	\$ Included____ \$ Included_____

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G. Cont.	5. The in-cab control system panel shall support up to 10 rocker switch inputs and up to 4 joystick inputs. 6. The ACS (Advanced Control System) Display - The display screen shall have: - A fully sealed TFT LCD (Thin Film Transistor Liquid Crystal Display) constructed using a sandwich-like structure with the liquid crystals between two glass plates. - The display size shall be a 4" x 6" minimum. - The TFT LCD graphic display shall have auto dimming backlight that is user adjustable. - The screen shall have an Ethernet port for accessing a built in Web server. The operator display screen can be used to configure or troubleshoot a system with or without connecting to a PC or Laptop. - The interface shall utilize Internet Explorer and not require any proprietary software to connect to the system. - The display shall incorporate fully field configurable inputs and outputs; 4 X 32 bit Processor, 1 meg+ RAM - The display shall have a built in diagnostic feature allowing technicians to view all input signals in real time. - The display shall provide error and event logging in English and system status change logging for reviewing operator inputs. - A status window shall provide the operator with system status messages. - When configured the display will display: - Granular rate, in lbs/lane mile. - Prewet rates gallons/lane mile (provided but not used this application). - Anti-ice rates, gallons/lane mile (provided but not used this application). - Anti-ice lane indication, (not used this application). - Road/air temperature, degrees °F & °C. - Hydraulic pressure PSIG. - System status, error messages. - Plow float indication. - Auto/manual mode indication. - Material currently being used. - The unload mode shall be available when using "Auto Only" mode to allow the spreader to be emptied while the unit is stationary.	Rocker #: <u>10</u> Joystick #: <u>5</u> Screen Type: <u>LCD</u> Display Size: <u>6.4</u> x <u>9.6</u> ☒ No Operator backlight switch ☒ No USB port, error log, diagnostic menu PC not required ☒ No USB interface. No web browser or proprietary software required ☒ No ☒ No ☒ No ☒ No ☒ No ☒ No ☒ No ☒ No ☒ No ☒ No ☒ No	Included
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G. Cont	m. Granular rates shall be infinitely adjustable and include up to 6 material types.	Yes	No	Included
	n. Lane spread configurable for either % of lane width or calibrated lane(s).	Yes	No	
	o. The system shall automatically adjust granular output to maintain constant lbs/lane mile output when using calibrated lane feature for up to 4 lanes for accurate ground speed application.	Yes	No Do not offer spinner lane comp	
	p. Either or both pre-wet and anti-ice rates can run accurately independently or simultaneously (provided but not used this application).	Yes	No	
	q. The anti-ice lane system shall automatically adjust liquid output to maintain constant gallons/lane mile output for up to 3 lanes when using calibrated lane feature (provided but not used this application).	Yes	No	
	r. The system shall have "over speed" protection for the liquid functions that will alert the operator and shut down the liquid function when the driver has exceeded a user defined speed (provided but not used this application).	Yes	No	
	s. The liquid functions shall automatically stop due to low level or overspeed conditions (provided but not used this application).	Yes	No	
	t. The system shall automatically go into "override" mode in the event of sensor failure(s). The failure(s) shall be logged in diagnostic error log.	Yes	No	
	u. The active functions that are not in use shall show "off" and the graphic display shall be "grayed out" for ease of operator interpretation.	Yes	No	

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G. Cont	7. The ACS Operator Control Panel: a. The operator panel shall have a molded silicone rubber keypad utilizing separate high life magnetic snap action switches and 3 high life magnetic 16 position detented encoders used for: 1) Rate. 2) Lane. 3) Liquid control (provided but not used this application). b. The operator shall be able to easily and quickly adjust spread rate within allowed rates: Granular: 10 lbs/lane mile to 150 lbs/lane mile Liquid: 15 gal/lane mile to 75 gal/lane mile (not active) c. The detented positions will be user programmable as to the value of each increment in the setup menu. d. The operator panel provides input capabilities to support RS232, RS422, truck speed input, and multiple digital I/O. e. The panel shall have provisions for Roadwatch or Vaisala Surface Patrol road/air temperature sending unit input for indication on Operator Display. f. The panel shall have built in LED backlighting that automatically dims with the display for night viewing. g. The panel shall incorporate Blast and Pause (Interrupt) functions. h. The panel shall incorporate mode, product and select switches integrated in the panel. i. The spreader and liquid functions when controlled, utilizing the closed loop feedback shall incorporate and "auto trim" feature that will allow the system to automatically set the PWM minimums and maximums when engaged. j. The software shall incorporate a "test speed" mode for use in testing the system safely without requiring the truck to be moving or the drive axles engaged.	Panel Material: <u>Molded silicon rubber</u> ☒ Yes No ☒ Yes No ☒ Yes No ☒ Yes No Allowed Rate: <u>50</u> to <u>150</u> Lbs/lane mile Allowed Rate: <u>15</u> to <u>75</u> gal/lane mile ☒ Yes No ☒ Yes No ☒ Yes No ☒ Yes No <u>ARC road, air, dew point, humidity</u> ☒ Yes No ☒ Yes No <u>Operator manually dims display</u> ☒ Yes No	\$ Included _____
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G.		Digital Inputs: __ Joystick Axis: __	\$ Included
Cont	8. The ACS Hydraulic and Joystick Module: a. Joystick Module shall Include: (14) digital Inputs and (5) Joystick Axis inputs with Float(s) provisions. b. Control of snow plow and body dump hoist shall be through a multi-function electric joystick. The joystick shall be a fully proportional 3-axis joystick with four operating modes plus blast and pass buttons. c. The current operation mode shall be displayed on the Operator Screen. d. The joystick functions shall permanently and clearly labeled functions. e. An easy to use dead-man trigger provision must be provided on joystick control. f. The operating mode/blast/pass buttons shall be user programmable as follows: 1) Top row, left to right: Hoist, Plow, Open for Scraper, Open for Wing. 2) Bottom row, left to right: Blast, Pass. g. The snowplow functions shall be: 1) Forward movement = Plow Lower. 2) Rearward movement = Plow Raise. 3) Left movement = Plow Angle Left. 4) Right movement = Plow Angle Right. h. Dump body hoist functions as follows: 1) Forward movement =Hoist Lower. 2) Rearward movement = Hoist Raise.	Yes No Yes No Yes No How Does It Work: Joystick mode displayed on LCD header bar. Safety interlock trigger on joystick____ Yes No Yes No Yes No Yes No Yes No Yes No Yes No Provide Sample With Bid Pre-Submittal to Purchasing	
	9. The ACS Hydraulic and Product Valve Driver Module: a. All electrical connections shall be fully sealed threaded IP68 assemblies for environmental protection and wiring retention. b. All external wiring shall be TPE fully sealed and with IP68 connections between the driver module and the valves. c. Output Module to include: (14) High-side PWM capable, individually programmable Outputs: 1) Analog 4-20 mA, 100 ohm Input (1) 2) Configurable Switch Inputs (NPN or PNP) (8) required. 3) Digital (NPN) Switch Inputs (3) required. 4) Feedback Sensor Inputs (4) required.	Yes No FORCE valve utilizes Deutsch connectors. Not IP rated. M12 TPE and PUR jacketed cables are uses for sensor connections High Side #: 20 per module____ Analog #: 2 per module_ Switch Input #: 6 per module____ Digital Switch #: 3____ Feedback Sensor #: 3____	\$ Inc luded____

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G. Cont	d. All PWM (Pulse Width Modulated) outputs are software configurable and can be controlled by closed loop operation, proportional input devices, or digital input devices. e. Field Programmable Module Ports: Minimum (4) up to (14) additional ports for future system functions or circuit reassignments exclusive of basic system configuration. f. The module for system safety shall have over temperature shutdown, over current shutdown, and low voltage shutdown. g. The valve driver module shall reside on the BUS as the "Master" and all truck values and configurations will be saved in this module. h. Power and activation to "ACS" will be through a relay module (provided with the "ACS" system). i. All circuits will be ignition switch "Run" activated. j. A complete wiring diagram shall be provided for the specific model provided to include: 1) Schematic shall be part number and location coded and weather sealed. 2) Wiring schematic shall be 24" x 18" minimum size with print 1/8" minimum size. 3) Installation and troubleshooting information 4) A parts breakdown for the entire "ACS" system shall be provided. 10. The final mounting position of all the operator controls shall be mutually agreed upon at installation.	Field Programmable Port #: <u>8 outputs 2 inputs</u> ☒ Yes No ☒ Yes No Yes No Settings stored on LCD ☒ Yes No ☒ Yes No Yes No Yes No TED to provide wire schematic. FORCE America schematic on website, USB, printed TED install on 11 x 17 provided. Yes No ☒ Yes No	\$ Included____ \$ Included____ \$ Included____ \$ Included____ \$ Included____
H.	Hydraulic Hoses (No Approved Equals): 1. All hoses must have JIC swivel connections at each end located in such a manner to aid in component replacement 2. High-pressure hose Parker 451ST SAE 100R17, 1" dia ID steel braided 3,000-psi working pressure. 3. Return hose Parker 451ST SAE 100R17, 1" dia ID steel braided 3,000-psi working pressure. 4. Suction hose Parker 811HT 1 1/2" dia ID steel reinforced 150-psi working pressure with crimped swivel ends. All hydraulic hoses shall be shielded and secured/clamped at 18" intervals to prevent chaffing or damage under the truck.	☒ Yes No Brand: <u>Parker</u> Type: <u>387</u> Brand: <u>Parker</u> Type: <u>387</u> Brand: <u>Parker</u> Type: <u>100R4</u> ☒ Yes No	\$ Included____ \$ Included____ \$ Included____ \$ Included____ \$ Included____
Hydraulic System and Controls SUB TOTAL COST:		\$63,507.00	

3.4. Tarp System or Approved Equal:

A4. Tarp arms incorporate RED/WHITE conspicuity tape down each of arm in lieu of indicator light. This was a suggested change by CCD at time of previous supplier contract and is currently being supplied by OJW on both local and factory up-fits.

	Description of Equipment	Offered Equipment	Cost
A.	Tarp: 1. Pull Tarp model N9.5E, 12vdc electric tarp system with pull-arms and anti-sail arms. 2. Tarp system shall be installed on cab protector with strobe light provisions. 3. Tarp must be able to extend approximately 2' past dump body. 4. A "Red" LED "tarp open/extended" warning light shall be attached to the cab protector both sides to show that the trap is open and no dumping is allowed. 5. Tarp shall operate off of the "Touch Screen" control	Make: Pulltarp_____Model: <u>RSR032ZCR</u> ☒ Yes No Distance: <u>2'</u> Yes NO – SEE ABOVE clarification	\$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u> \$ <u>Included</u>
B.	Tarp Material: 1. Tarp Asphalt type A-2 14-oz nylon material, asphalt rated urethane coated both sides with "Super Slick Coating" rated at 400°F.	Tarp Material Rating: <u>400 F</u>	\$ <u>Included</u>
C.	Tarp Wind Deflector 1. A tarp wind deflector shall be provided at front of hopper.	☒ Yes No	\$ <u>Included</u>
D.	Pull Arms: 1. Pull arms for tall or irregular loads that load climber will not follow. 2. Pull arms shall be easily and quickly replaceable with standard electrical galvanized conduit. 3. Anti-sail arms shall be attached to the pull arms	☒ Yes No ☒ Yes No ☒ Yes No	\$ <u>Included</u>
Tarp System SUB TOTAL COST:		\$ <u>5,350.00</u>	

3.5. Pintle Tow Hook:

	Description of Equipment	Offered Equipment	Cost
A.	Pintle Hook Plate: 1. The pintle hook plates shall be set up to accept a future Holland pintle tow hook 30-ton capacity air cushioned type. 2. The pintle tow hook when installed shall not cause interference when unloading materials. 3. The pintle hook plate shall not extend more than 4" past the back edge/tread of the rear tires to assure the pintle hook plate does not contact the paver before the truck tires touch the paver hitch arms	☒ Yes No Trailer hitch plate price applies to RDS body package only. Plate includes custom rear hinge mount incorporated with hitch plate for RDS application. ☒ Yes No	\$Included____ \$ Included____
B.	Mounting 1. Steel plate ¾" thick mounted and gusseted to truck frame. 2. Mounting height 24" above the ground at top of pintle hook.	Plate Thickness: ¾" Height: 24"	\$ Included____
C.	D-rings: 1. D-rings 1"-dia 3" x 4" ID 47,000-lbs MBS 2. Two required for safety chains mounted to steel mounting plate.	D-Ring Spec: ☒ Yes No	\$ Included____
D.	Trailer Brake Connections: 1. Air brake connections mounted on steel mounting plate. Swing- away glad hands with steel covers. 2. Air Brake connector: (type "A") for electrical SAE J560 7-way primary trailer cable receptacle brake connections for both ABS and non-ABS trailers. The receptacle shall be mounted on top left side on steel mounting plate. 3. Electric Brake Trailer Connection: (type "B") factory (OEM) plug-in trailer wiring harness wired to RV heavy-duty female 7-pin connector for ABS and non-ABS trailers. The receptacle shall be mounted on top left side on steel mounting plate. Connector shall be fully sealed and have trailer connector boot installed on the back side to prevent corrosion from snow fighting chemicals. 4. Brake Controller: Draw-Tite Activator 20187 digital plus inertia Trailer Brake Controller (approved equals allowed). The brake activator shall be installed in an easy to see and access position, but not in a location that interferes or could interfere with the driver or passenger during operation or while entering and exiting the vehicle. 5. Trailer Brake System must be able to integrate with cab and chassis system.	☒ Yes No ☒ Yes No ☒ Yes No Make: Drawtite Model: Activator 20187 ☒ Yes No	\$ Included____ \$ Included____ \$ Included____ \$Included____ \$Included____
Pintle Tow Hook SUB TOTAL COST:		\$ ____\$5,485.00____	

3.6. Snowplow System Monroe 10-Foot Snowplow, Model MPPJ39R10-ISTT-PLG-POLY and Equipment or Approved Equal

	Description of Equipment	Offered Equipment	Cost
A.	Snowplow: - Power reversible, 10-foot long with 39-inch high mould board and two-section trip edge (5' blade sections). - The trip edge shall be able to be easily bolted together for a single trip edge when using rubber cutting edges - The provided snow plow shall be interchangeable without modification with City trucks CH119 thru CH144.	Make: <u>Monroe</u> Model: <u>MPPJ39</u> Trip Edge Sections: <u>2</u> ☒ Yes ☐ No Interchangeable with CH119 thru CH144 ☒ Yes ☐ No	\$ Included____
B.	Moldboard: - Mold board 3/8" thick polyethylene, one piece, no splices. - Polyethylene: - Ultra high molecular weight polyethylene material. - Tensile strength 7,000 psi, ASTM D638. - Elongation 800% at break. - No breakage when izod impact tested ASTM D256A. - New resin material only, color impregnated, ultra violet stabilized.	☒ Yes ☐ No Material: <u>Polyethylene</u> ☒ Yes ☐ No UV Stabilized ☒ Yes ☐ No Color: <u>Orange</u>	\$ Included____
C.	Trip Edge: - Trip action: two-section with 3/4" torsion springs shall activate and automatically reset whenever cutting edge comes in contact with an obstruction. - The 2 trip sections shall be 5' sections. - The blade shall be supported by a 4" x 4" x 3/4" steel angle. - Trip action shall prevent damage or dislodging manholes and covers. Torsion springs shall be easily adjustable to adjust for varying plowing conditions. - The trip edge shall have provisions for bolting the two (2) 5' sections together into a single trip edge for use with rubber cutting edges.	☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No	\$ Included____ \$ Included____ \$ Included____
D.	Curb Shoes: - Curb shoes AASHO standard, 3-hole, (2 required), steel 3/4" thick Winter Equipment P/N 0004-5-46 or approved equal with 14 sq. in. of bearing surface, - Installed/mounted one on each end of mold board.	Make: <u>Winter</u> Model: <u>0004-5-46</u> ☒ Yes ☐ No	\$ Included____
E.	Plow Frame: - Constructed from welded structural steel, - Upper frame work and 10 reinforcing ribs minimum 3/8" thick - Lower frame 1/2" thick minimum. - Plow frame shall be designed to shed debris and prevent entry of debris and moisture into tubes, joints and crevices.	☒ Yes ☐ No Size: <u>1/2"</u> ☒ Yes ☐ No	\$ Included____

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	Description of Equipment	Offered Equipment	Cost
F.	Cutting edge: 1. 2-piece, 7 3/4" x 5' x 2" Kuper GK5 with ceramic inserts , molded rubber cutting edge punched with square holes to AASHO standards on 12" centers; ends shall be punched for 3-hole curb shoe (Spec Sec. 11.7-D. The 5/8" dia. mounting holes shall be square; slotted holes are not acceptable or approved equal	Make <u>Kuper</u> : _____ Model: <u>GK5</u> ☒ Yes No ☒ Yes No	\$ Included____ \$ Included____ \$ Included____
G.	Spray Guard: 1. Spray guard shall be bolted to top of moldboard 2. Material 12" wide x 1/4" thick rubber belt.	☒ Yes No	\$ Included____
H.	Blade Guides: (No Substitutes) 1. Winter Equipment Company (800.294.6837) PN KT-PM36 2. Blade guides one per side, 2 required. 3. Length 36" long, color "Safety Orange" outer PVC sheeting over wire cable.	Make: <u>Winter</u> _____ PN: <u>KT-M36</u> _____ ☒ Yes No	\$ Included____
I.	Paint: 1. Paint shall be "Black" polyester powder epoxy painted, applied following recommended procedures. 2. All parts painted prior to assembly. 3. Powder epoxy paint shall be a minimum of 2-mils thick. 4. Removal of all surface contaminations (grease, welding and surface slag). 5. Steel shot blasting of all parts.	Type of Paint: <u>Powder Coat</u> _____ Paint Thickness: <u>2</u> _____ mils ☒ Yes No ☒ Yes No	\$ Included____
J.	Castor Wheels Brackets: 1. Castor wheels shall be suitable for future installation of Snow- Wheel System Inc. (507) 238-1980, model 6509 swivel snow-wheel with height adjustment. Castor wheels shall not be provided. 2. The castor wheel mounting plate shall be designed for : a. With a new rubber bit that the castor adjustment arm does not extend out of its sleeve any more than necessary to reduce flexing of the castor wheel adjustment shaft. b. The castor wheel mounting plate shall have 4 different mounting hole sets to allow proper castor wheel height adjustment with either rubber bits or steel cutting edges.	Castor Bracket Cost ☒ Yes No Number of Castor Mounting Locations: <u>2</u> _____	\$ Included____
K.	Joystick Controls: 1. The snowplow and all functions shall be joystick controlled. 2. The joystick shall be capable of controlling the Monroe model MPPJ39R10-ISTT PLG-Poly front snowplow. 3. The snowplow shall operate off the hydraulic system and controls contained in specification section 11.4.A thru F of this specification.	☒ Yes No ☒ Yes No ☒ Yes No	\$ Included____
Snowplow System Monroe 10-Foot Snowplow SUB TOTAL COST:		\$ <u>34,711.00</u>	

3.7. Monroe Flat Plate Hitch or Approved Equal

	Description of Equipment	Offered Equipment	Cost
A.	Hitch Type: - Flat plate quick hitch or approved equal shall interchange with existing flat plate hitches installed on City trucks CH119 through CH144 and easily mount/dismount/operate existing Monroe Model MPPJ39R10-ISTT-PLG-POLY snowplows. - Truck mounted plate shall be 5/8" thick minimum with two upper steel claws mating upper portion of plow to hitch. Lower attachments shall mate lower portion of plow to hitch. The attachment shall use male spring-loaded handle operated pins on flat plate hitch mating into a female holes in plow frame. - The spring loaded latching handle (painted orange) shall be located on the left front of the plow hitch. The handle shall be easy to operate for various size and strength operators. - When plow is removed from truck only a flat plate hitch shall remain on the truck. Lifting cylinder and other associated items shall stay with the plow assembly. - Plow/hitch design shall not obstruct full forward tilt of the trucks hood assemble. Hose connections shall be in one (1) central easy to access location.	☒ Yes No Plate Thickness: <u>5/8"</u> Material: <u>A36</u> ☒ Yes No ☒ Yes No ☒ Yes No ☒ Yes No	\$ Included____ \$ Included____ \$ Included____ \$ Included____ \$ Included____ \$ Included____
B.	Front Snowplow Hydraulic Quick Release Coupling System: - The snowplow hydraulic connections shall be thru a multi-hose lever-arm connector system. - The system shall be a Faster Quick Release Coupling Multi-Faster Series set up the same as City units CH119 thru CH144. (No Approved Equals) - Female Coupler: P/N 2P508-4-12-N-F - Male Coupler: P/N 2P508-4-12-N-M - All male/female fittings shall have protective cover guards to prevent dirt and damage when the hoses are disconnected	Make: Monroe Model: <u>Flat Plate</u> ☒ Yes No Female P/N: <u>2P508-4-12-N-F</u> Male P/N: <u>2P508-4-12-N-M</u>	\$ Included____ \$ Included____ \$ Included____
C.	Paint: - Paint shall be "Black" polyester powder epoxy painted, applied following recommended procedures. - All parts painted prior to assembly. - Powder epoxy paint shall be a minimum of 2-mils thick. - Removal of all surface contaminations (grease, welding and surface slag). Steel shot blasting of all parts.	Type of Paint: <u>Powder Coat</u> Paint Thickness: <u>2</u> mils ☒ Yes No	\$ Included____
Monroe Flat Plate Hitch SUB TOTAL COST:		\$ ____\$6,362.00_____	

3.8. Monroe Snowplow or Approved Equal Miscellaneous Items

	Description of Equipment	Offered Equipment	Cost
A.	Snowplow Lights: 1. Halogen sealed beam plow lights Dominion model 725551 2. Lights shall be installed using rubber cushion pads and 3-point stainless steel brackets to prevent damage from corrosion. Lights	Make: <u>Dominion</u> Model: <u>725551</u>	\$ Included__
	shall be installed on truck fenders. 3. Headlight wiring shall be sealed. 4. Wiring connectors shall be as "waterproof" as practical using shrink tube and dielectric grease. 5. All non-factory wire connections (splices, connectors, etc.) shall be soldered and shrink tube insulated with adhesive/melttable sealant, thick wall polyolefin shrink tubing (3M EPS-300 or equal). 6. Dielectric grease shall be applied to all electrical plug terminals and connections to reduce corrosion.	Yes No Yes No Yes No Yes No	
B.	Paint: 1. Paint shall be "Black" polyester powder epoxy painted, applied following recommended procedures. 2. All parts painted prior to assembly. 3. Powder epoxy paint shall be a minimum of 2-mils thick. 4. Removal of all surface contaminations (grease, welding and surface slag). 5. Steel shot blasting of all parts.	Type of Paint: <u>Powder Coat</u> Yes No Paint Thickness: <u>2</u> mils Yes No Yes No	\$ Included__
Monroe Snowplow Miscellaneous SUB TOTAL COST:		\$ <u>3,480.00</u>	

3.9. Sundries Equipment

	Description of Equipment	Offered Equipment	Cost
A.	Driver Height Warning Sign 1. Installed on truck dash providing the travel height of the vehicle. 2. Sign shall be in 1" "white" block letters.	 No  No	\$ Included____
B.	Conspicuity Tape: 1. DOT-C2 Standard No. 108 reflective conspicuity tape 2. Tape shall be applied in symmetrical pattern from middle of panel outward.	 No  No	\$ Included____
Sundries SUB TOTAL COST:		\$2,680.00	

NOTE=

4. Optional Equipment

Do not include Optional Equipment in the total price of the vehicle; however, an equipment price must be provided. The City will determine if the equipment is to be purchased.

	Description of Equipment	Offered Equipment	Cost
A	Options for RDS Dump Bed from above 1. Length of Dump Bed (to include all standard from above) a. Reduction in length in 6" increments down to 11' b. Increase in length in 6" increments up to 20'	☒ Yes ☐ No Height Above Pavement: _____ inches	\$See attached OJW page 34A _____
	Length 16' 16'6" 17' 17.6 18 18.6 19 19.6 20 21 Height 1'6" ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 2' ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 2'6" ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 3" ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 3'6" ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 4" ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 4'6" ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 2. Height of Side Board (including D Bumper) 1. Reduction in height in 1" increments down to 6" 2. Increase in length in 1" increments up to 12"	<i>Please see attached Page 34-A for pricing on available RDS body sizes.</i> <i>Please see attached Page 34-A for pricing on available side boards for RDS and dump body packages.</i> ☒ Yes ☐ No Height Above Pavement: _____ inches	\$ See attached OJW page 34A _____

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A Cont	3. Rear Spinner in lieu of Front Discharge Spinner (please provide pictures and line drawing of proposed option) 4. Toolbox Length a. Reduction in height in 6" increments down to 36" <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width:10%;"></td> <td style="width:10%;">Length</td> <td style="width:10%;">16'</td> <td style="width:10%;">16'6"</td> <td style="width:10%;">17"</td> <td style="width:10%;">17'6"</td> <td style="width:10%;">18"</td> <td style="width:10%;">18'6"</td> <td style="width:10%;">19"</td> <td style="width:10%;">19'6"</td> <td style="width:10%;">20'</td> <td style="width:10%;">21'</td> </tr> <tr> <td rowspan="6" style="vertical-align: top;">Height</td> <td>1'6"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>2'</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>2'6"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>3"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>3'6"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>4"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>4'6"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> 5. Plows (to include all standard from above) 3. Standard Plow 11' Plow 12' Plow 13' Plow 6. Axle and Tires 4. Pusher Axle Options (please list options) I. Option 1 II. Option 2 III. Option 3 IV. Option 4 V. Option 5 5. Tag Axle Option (please list options) I. Option 1 II. Option 2 III. Option 3 IV. Option 4 V. Option 5 6. Tires I. 315/80R22.5 a) Single with Wheel b) Dual with Wheel II. 425/65R22.5 a) Single with Wheel III. 295/60R22.5 a) Single with Wheel b) Dual with Wheel 12 Foot Folding V Plow - Monroe Snowplow, Model MPV44-52-12-TE- Power V-Plow		Length	16'	16'6"	17"	17'6"	18"	18'6"	19"	19'6"	20'	21'	Height	1'6"											2'											2'6"											3"											3'6"											4"												4'6"											Yes - Please see Monroe drawing 00092041 & JO# 1553508SHEET6 for drawing loose and installed NOTE: Requires straight back body in lieu of base ASP Height Above Pavement: 19.5 inches N/A: Toolboxes are integrated into RDS body and because of this, the length of the box is available in one (1) size only: 24" x66" x16 YES Item 5 Plows ADD to base 10' plow price of \$34,980.00 listed on page 30 <table style="width:100%; margin-top: 10px;"> <tr> <td style="width:70%;"></td> <td style="width:30%; text-align: right;">11' ADD</td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td style="text-align: right;">12' ADD</td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">13' ADD</td> <td></td> </tr> </table> Make: _____ Model: _____ Yes No **NOTE**: Additional axles, Pusher or Tag, are best supplied by the OEM truck manufacture. Only the OEM truck manufacture can recertify the GVWR of the truck to include the additional axle weights. Should additional axles be desired by CCD, OJW will work closely with the truck supplier of choice to arrive at proper axle size & wheel and tire configuration to best fit specific upfit Yes No Yes No Yes No Yes No Make: <u>Monroe</u> Model: <u>MPV</u>		11' ADD			12' ADD			13' ADD		\$4,475.00____ \$ N/A_____ \$ N/A_____ \$ 3,785.00 \$ 7,680.00 \$ 11,725.00 \$ N/A_____ \$ N/A_____ \$ N/A_____ \$ N/A_____
		Length	16'	16'6"	17"	17'6"	18"	18'6"	19"	19'6"	20'	21'																																																																																											
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Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

A Cont	Moldboard:	Make: <u>Monroe</u>	\$_57,565.00__
	1. Specifications shall describe a two piece power folding moldboard plow with torsion spring trip cutting edge.	Model: <u>MPV445212TT</u>	
	2. Height of the moldboard shall be 44" at center pivot point and taper to 52" at discharge on both ends with a 6" top punch cutting edge installed.	☒ No	\$Included__
	3. The moldboard sheeting shall be constructed of 10 gauge A569 steel with tensile strength of 55,000# to 70,000#.	☒ No	\$Included
	4. Four vertical support ribs will be flame cut from 5/8" A36 steel with tensile strength of 58,000# to 80,000#. Ribs to be 4" at bottom and 3" at top.	☒ No	\$Included__
	5. Top moldboard angles shall be 3"x3"x3/8"	☒ No	\$ Included__
	6. Two horizontal support bracings between ribs shall be formed from 1/4" plate steel located 8" and 20" above cutting edge trip pivot.	☒ No	\$Included
	7. Center pivot pin will be 3" diameter cold rolled round 44" in length.	☒ No	\$ Included_
	8. Eight center hinge bushings shall be 4" mechanical tubing with .468 wall thickness. All bushings shall have grease zerks.	☒ No	\$ Included__
	9. Hinge bushings to oscillation plate will be welded to 1" plate steel and act as parallelogram lift attachment.	☒ No	\$ Included_
	10. Moldboard to include two screw adjustable mushroom jack assemblies to assist and stabilize plow when detached from truck.	☒ No	\$Included
	The provide snow plow shall be interchangeable without modification to other 5 axle V plow trucks.	☒ No	

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

A Cont	Cutting Edges:	Make: <u>Monroe</u> Model: <u>MPV</u>	\$ Included____
	1. Kuper GK-5, 2-piece blade with ceramic inserts in thick molded rubber cutting edge punched with round holes to AASHO standards on 12" centers; ends shall be punched for 3-hole curb shoe (Spec Sec. 11.7-D. The 5/8" dia. mounting holes shall be round; slotted holes are not acceptable.	☒ Yes No	\$ Included____
	2. Cutting edge kit to include wrap around nose guards at center pivot point on moldboard.	☒ Yes No	\$ Included____
	3. Cutting edge support angle shall be 3/4" x 4" x 4" with 3/4" flame cut hinge points.	☒ Yes No	\$ Included____
	4. The cutting edge support angle is 2 sections pivoting on one piece of 1-1/2" schedule 80 pipe with a piece of 1-1/2" 1040 cold steel with a 1" flame cut steel end welded in to retain the pipe in place.	☒ Yes No	\$ Included____
	5. There shall also be 1/2" thick gussets welded on each end of the inside of the cutting edge support angle and midway between all punched holes to provide extra support for the cutting edge.	☒ Yes No	\$ Included____
	6. The cutting edge shall have six torsion springs that are encased between the two bottom angles.	☒ Yes No	\$ Included____
	7. These springs shall be adjustable by means of a lock which can be loosened or tightened by a thread adjustment. The spring dimensions are to be 3/4" wire, 16.25" left hand turns, 5160H material, and have a 3-3/4" O.D.	☒ Yes No	\$ Included____

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

A Cont	Plow Frame:	Make: <u>Monroe</u> Model: <u>MPV</u>	\$ Included__
	1. The plow shall have a parallelogram leveling push frame which keeps plow moldboard in the same plane to the ground at all points throughout lift travel sequence.	☒ Yes No	
	2. Lift cylinder shall be 4"x14.8" stroke, double acting with 2" nitrated rod.	☒ Yes No	\$ Included__
	3. Lift linkage will be a nested cradle to act as a float and allow the plow to follow road contour. Cradle will have a rigid pinned position to uncouple plow from truck chassis.	☒ Yes No	\$ Included__
	4. Drive frame to include mouse ear style reversing stops, for rollers to ride on when plow is reversed and raised or lowered.	☒ Yes No	\$ Included__
	5. The parallel lift frame shall have a minimum pair of reversing cylinders, 3.5" x 20" that are dual acting and have 2" nitride cylinder rods.	☒ Yes No	\$ Included__
	6. Reversing frame shall have set of upper and lower lift arms to achieve parallel lifting action.	☒ Yes No	\$ Included__
	7. Plow must have oscillation plate built in for plow to react to pavement deviations, and prevent torsion to truck frame.	☒ Yes No	\$ Included__
	8. Oscillation kit to provide springs 3.5" OD x 6.75" OAL on each side of swivel to help center and level unit. These are to be adjustable via 1.25" x 5 Acme rod.	☒ Yes No	\$ Included__
	Plow portion attaches to truck portion via quick latch system to accept two inch lock pins.	Make: <u>Monroe</u> Model : <u>MPV384610-TT</u>	\$48,575.00
	10 Foot Folding V Plow - Monroe Snowplow, Model MPV38-46-10-TE-Power V-Plow		
	1. Plow shall be 10-foot-wide, 38" tall at the center and 44" tall at the discharge on both ends.	☒ Yes No	\$Included__
	2. Plow shall have all standards from above 12 Foot Folding V Plow.	☒ Yes No	\$ Included__

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

A Cont	Hydraulics:	Make: <u>Monroe</u> Model: <u>MPV</u>	\$ Included_
	1. All ports are to be O-ring fittings and to have a jam nut, so angled fittings can be accurately positioned without fluid leakage.	<u>Yes</u> No	\$ Included_
	2. The hydraulic hoses are to be abrasion resistant, extremely flexible and have a rated working temperature range of -50 to 250 degree F.	<u>Yes</u> No	\$ Included_
	3. The hoses shall be ½" I.D. and rated at 3,000 PSI working pressure and 12,000 PSI burst pressure.	<u>Yes</u> No	\$ Included_
	4. Included with the plow are two relief cushion valves set at 1,250 PSI to protect the cylinders from damage.	<u>Yes</u> No	\$ Included_
	5. The angle of the cylinders in relation to the moldboard have been designed to eliminate side stresses to the rod.	<u>Yes</u> No	\$ Included_
	6. All hardware and fasteners shall be electronically plated and corrosion resistant.	<u>Yes</u> No	\$ Included_
	7. All fasteners shall be grade 8, both cap-screw and nut.	<u>Yes</u> No	\$ Included_
	8. All hydraulic hoses shall meet the following requirements:	<u>Yes</u> No	\$ Included_
	a. The hoses shall have a .500" I.D. x .780" O.D., shall have a maximum working pressure of 3,000 PSI, a minimum burst pressure of 12,000 PSI.	<u>Yes</u> No	\$ Included_
	b. The inner tube of the hose shall be seamless, oil resistant synthetic rubber and reinforced on the outside with one braid of high tensile steel wire.	<u>Yes</u> No	\$ Included_
	c. The cover on the outside of the hoses shall be weather/abrasion resistant black synthetic rubber.	<u>Yes</u> No	\$ Included_
B.	Telematics Compatibility Provide leads and connectors for telematic systems: 1. 12V Power 2. Ground 3. Signal (various)	PreciseMRM telematics built into screen. Landside of airport and CCD have activated for monthly subscription fee. RS232 port on HUB to send spreader data to remote vendor with signed Integrators Agreement Make: _____ Model: _____	\$ _____

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

Standard Dump Bed	Make: <u>Crysteel</u>	Model: <u>MAB-SSL-87/96</u>	Included in <u>Dump Body Pricing Matrix.</u>
Material:	Type of Material: <u>201 stainless steel</u>		
1. Sides, 1-piece, 7-gauge/ 3/16" minimum, 201 stainless steel.	☒ Yes	No	
2. Head sheet 1-piece, 7-gauge/ 3/16" 201 stainless steel .Fully welded inside and outside.	☒ Yes	No	
3. Floor, ¼" AR400	☒ Yes	No	
4. Top rail shall be a box formed 7-gauge/ 3/16" 201 stainless steel self-cleaning design (sloped to inside the body) with the top rail over lapping the side wall for additional stiffness.	☒ Yes	No	
5. Rear corner posts shall be full depth from top of the tailgate to the bottom of the longsills, 7-gauge/ 3/16", 201 stainless steel.	☒ Yes	No	
6. Longsills shall be fully gusseted 1/4", 201 stainless steel, 14" deep.	☒ Yes	No	
7. Lower cross members shall be 7-gauge/ 3/16" x 3" x 2"channel welded to the base of the longsills on 2' centers	☒ Yes	No	
Top cross members shall be 7-gauge/ 3/16" x 3' x 3" formed angle welded to the top of the longsills on 12" centers.	☒ Yes	No	
Under Structure:			
1. Cross members 4" boxed beam ¼' 201 stainless steel on 12" centers gusseted to longitudinal beams at each beam.	Yes	No 8" Western Tubular Understructure cross memberless design ¼" 201 stainless steel long sills	
2. Longitudinal beams maximum height 14" boxed-beam ¼" 201 stainless steel.		CROSSMEMBERS ARE NOT RECOMMENDED WITH ¼" AR450	
3. Longitudinal beams shall mount on extruded rubber strips.			
Mylar insulator to prevent electrolysis shall separate all dissimilar metals (steel, aluminum).	Yes	No	
	Yes	No	
Heavy-Duty Tailgate High Lift:			Included in <u>Dump Body Pricing Matrix</u>
1. Rear tailgate shall be "high lift" forward hinged 12" on top with dump-thru capabilities. The "high lift" is desired for easier dumping of snow and leaves.	☒ Yes	No	
2. Tailgate construction:			
a. xx" high x 88" wide, 6-panel, 7-gauge/ 3/16" 201 stainless steel with a 10-gauge perimeter boxed reinforcement.	☒ Yes	No	
b. Offset top hardware.	☒ Yes	No	
c. Fully welded construction with reinforced hinge and latch points.	☒ Yes	No	
d. Tailgate chains shall be covered to prevent body damage.	☒ Yes	No	
3. Hinge pins shall be stainless steel. The pins shall also be drilled for a safety hairpin cotter pin.	☒ Yes	No	
a. Safety hairpin cotter pins shall be 302 stainless steel and attached to the body with attachment chain to prevent loss. A safety pin storage hole shall be provided at each location.	Yes	No – NOT REQUIRED WITH CRYSTEEL DESIGN	

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

Side Board Holders: - Height at top of the side boards shall not exceed 8" 6" Tall side boards - Side board holders shall be bolt thru design for with a 3" width. 2" wide side boards Tarp: - Pull Tarp model N9.5E, 12vdc electric tarp system with pull-arms and anti-sail arms. - Tarp system shall be installed on cab protector with strobe light provisions. - Tarp must be able to extend approximately 2' past dump body. 4. A "Red" LED "tarp open/extended" warning light shall be attached to the cab protector both sides to show that the trap is open and no dumping is allowed. Tarp shall operate off of the "Touch Screen" control Tarp Material - Tarp Asphalt type A-2 14-oz nylon material, asphalt rated urethane coated both sides with "Super Slick Coating" rated at 400°F. Wind Deflector - A tarp wind deflector shall be provided at front of hopper. Pull Arms - Pull arms for tall or irregular loads that load climber will not follow. - Pull arms shall be easily and quickly replaceable with standard electrical galvanized conduit.	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">Yes</td> <td style="width:10%; text-align: center;">No</td> <td rowspan="2"></td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td rowspan="2"></td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td rowspan="2"></td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> </tr> <tr> <td colspan="3" style="padding-top: 10px;"> Tarp arms incorporate RED/WHITE conspicuity tape down each of arm in lieu of indicator light. This was a suggested change by CCD at time of previous supplier contract and is currently being supplied by OJW on both local and factory up-fits. </td> </tr> <tr> <td colspan="3" style="padding-top: 10px;"> Type of Material: _____ Yes No MTE In-Power illuminated soft touch </td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td rowspan="2"></td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> </tr> </table>	Yes	No		Yes	No	Yes	No		Yes	No	Yes	No		Yes	No	Tarp arms incorporate RED/WHITE conspicuity tape down each of arm in lieu of indicator light. This was a suggested change by CCD at time of previous supplier contract and is currently being supplied by OJW on both local and factory up-fits.			Type of Material: _____ Yes No MTE In-Power illuminated soft touch			Yes	No		Yes	No
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	4'6"										

Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

Shovel Bracket: - Shovel hook bracket (2 required) located on the left and right side wheel cover of the dump body. The bracket shall be a spring-loaded snap-close clamp to secure the shovel handle to the body with a retention bracket for the top end of the shovel to slide into. The shove blade shall face forward. Mudguards: - Front of tandem aluminum. - Rear of tandem heavy-duty rubber anti-sail type. The mud flaps shall be easy to swing forward and hook above the rear tire. The latch system shall have a reinforced hole on the mud flap and a hook on the body to retain the mud flap. - The rear mud flap hinge joint shall be chain type (no axle type allowed) The mud flaps shall not come unhooked when the dump body is raised for dumping into the paving machines. Ladder - Mounted left and right rear side of body centered above the rear tire. - Ladder rungs shall be open grip strut non-slip type. - Ladder portion below the body shall be a bolt-on type. - Rungs shall be evenly spaced - Left side 1st rungs no more than 22" above the ground. Right side 1st rungs no more than 22" above the ground. Body Hoist - Malhot CS or Roller Combo Hoist Must Provide Specs for each Dump Body Safety Legs (2) Two Safety Legs must be provided to support full load during service operations.	Yes No Yes No Will provide remove and stow rear flap kit as in current use Yes No Yes No Ladder is custom design fold stainless steel with grip strut rungs Yes No Yes No Yes No Yes No See attached clarification for hoist and body length Yes No ** EMPTY BODY WEIGHT ONLY **	<u>Included in Dump Body Pricing Matrix</u> <u>Included in Dump Body Pricing Matrix</u> <u>Included in Dump Body Pricing Matrix</u>
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Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

Vehicle Rear Lights: (Approved Equals allowed) 1. All lights shall be Truck-Lite “Lifetime Warranty” 12vDC, LED type, flush mount, sealed lexan body, grommet insulated with Fit’ N Forget multi-pin plugs where possible. 2. Integral Stop/Turn/Tail/ lights mounted in the rear corner post of the dump body model Super 44 P/N 44302R or model 60 P/N 60250R. 3. Back up lights Truck-Lite LED, flush mount, sealed lexan body, grommet insulated, multi-pin units model 44 P/N 44206C. 4. Marker lights Truck-Lite LED 3 per side model 10 P/N 10250R or 10250Y or model 30 P/N 30250R or 30250Y. 5. Rear ID bar Truck-Lite LED model 35 P/N 35741R or 35740R. 6. License plate light, Truck-Lite model 15 P/N 15040 7. Wiring shall be sealed Fit’ N Forget modular plug-in type where possible. 8. Salt/sand spreader illumination light Ecco PN E92007 500 lumens. The light shall be installed to provide night vision at the spreader for the operator but shall not blind on-coming traffic. Location shall be mutually determined at installation Dielectric grease shall be applied to all plug connections and terminals to prevent corrosion.	Yes No Yes No Yes No Yes No Yes No Yes No Yes No	No No No No No No No No	<u>Included in</u> <u>Dump Body</u> <u>Pricing Matrix</u>
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*****PLEASE SEE ATTACHED MATRIX PRICING PAGE. GRID DOES NOT ALLOW ENOUGH ROOM FOR PRICING*****

Dump Bed Pricing with High Lift Gate and Mailhot Lift Cylinder (If not offered, enter N/A)											
Height	Length	11'	11'6"	12'	12'6"	13'	13'6"	14'	14'6"	15'	15'6"
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Dump Bed Pricing with High Lift Gate and Roller Combo Hoist (If not offered, enter N/A)											
Length		11'	11'6"	12'	12'6"	13'	13'6"	14'	14'6"	15'	15'6"
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Request for Proposal No. 0751A (2026)
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Dump Bed Pricing with Barn Door Tailgate and Mailhot Lift Cylinder (If not offered, enter N/A)											
Length		11'	11'6"	12'	12'6"	13'	13'6"	14'	14'6"	15'	15'6"
Height	1'6"										
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Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

Dump Bed Pricing with Barn Door Tailgate and Roller Combo Hoist (If not offered, enter N/A)											
Height	Length	11'	11'6"	12'	12'6"	13'	13'6"	14'	14'6"	15'	15'6"
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Vibrator: 1. Vibrator shall be a Cougar DC-1100 12-vDC or approved equal: Cougar DC3200 12 V (1) per body 2. Dump body shall have a 12-vDC electric vibrator securely attached to each lower side of the dump body structure. 3. Each vibrator shall produce a minimum of 1,000-lbs of centrifugal force. 4. Mounting bolts shall not protrude through the floor. 5. A stainless-steel safety cable shall secure the vibrator to the body with a minimum of two attachment points located on opposite sides on the vibrator to prevent the vibrator from falling off if the bolts come loose. The vibrator shall be mounted using Grade 8 fasteners, washers and lock nuts. 7. The electrical system shall include a. Operator abuse automatic timer shutdown. The timer shall be mounted in a location/manner to prevent operator adjustment. b. Automatic overload protection. c. Copper #4 welding cable minimum. d. Cab mounted momentary operator button wired through a constant-duty solenoid. 8. The vibrator shall be fully sealed against high-pressure wash water, corrosion, and road dirt. The vibrator shall be maintenance free not requiring lubrication or other routine maintenance functions except checking mounting bolts.	Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No	Included in Dump Body Pricing Matrix
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Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

	Toolbox: 1. A toolbox shall be installed on top of the left rear fender just forward of the tandem dual tires. 2. The toolbox shall fit the body contour on the back side. 3. The toolbox shall be xx" L x Fender Width xx" T. 4. The toolbox door shall be bottom hinged with stainless cable stops on each end of the door The door shall have a stainless-steel key lockable slam lock	No No No No ** Please see included price list from Weather Guard and Buyers Products for additional options **	\$ _____ \$ _____ \$ _____ \$ _____ \$ _____																																																																																																																																				
Toolbox Pricing (If not offered, enter N/A) 16" Deep <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">Length</th> <th style="width:10%;">24"</th> <th style="width:10%;">30"</th> <th style="width:10%;">36"</th> <th style="width:10%;">42"</th> <th style="width:10%;">48"</th> <th style="width:10%;">54"</th> <th style="width:10%;">60"</th> <th style="width:10%;">72"</th> <th style="width:10%;">84"</th> <th style="width:10%;">96"</th> </tr> <tr> <td>Height 18"</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>24"</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>36"</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> </table> 18" Deep <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">Length</th> <th style="width:10%;">24"</th> <th style="width:10%;">30"</th> <th style="width:10%;">36"</th> <th style="width:10%;">42"</th> <th style="width:10%;">48"</th> <th style="width:10%;">54"</th> <th style="width:10%;">60"</th> <th style="width:10%;">72"</th> <th style="width:10%;">84"</th> <th style="width:10%;">96"</th> </tr> <tr> <td>Height 18"</td> <td>1574.10</td> <td>1595.70</td> <td>1667.25</td> <td>N/A</td> <td>1792.80</td> <td>N/A</td> <td>1931.85</td> <td>2270.70</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>24"</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>36"</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> </table> 24" Deep <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">Length</th> <th style="width:10%;">24"</th> <th style="width:10%;">30"</th> <th style="width:10%;">36"</th> <th style="width:10%;">42"</th> <th style="width:10%;">48"</th> <th style="width:10%;">54"</th> <th style="width:10%;">60"</th> <th style="width:10%;">72"</th> <th style="width:10%;">84"</th> <th style="width:10%;">96"</th> </tr> <tr> <td>Height 18"</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>24"</td> <td>1804.95</td> <td>1831.95</td> <td>1929.15</td> <td>N/A</td> <td>2031.75</td> <td>N/A</td> <td>2277.45</td> <td>2474.55</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>36"</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> </table>				Length	24"	30"	36"	42"	48"	54"	60"	72"	84"	96"	Height 18"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	36"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Length	24"	30"	36"	42"	48"	54"	60"	72"	84"	96"	Height 18"	1574.10	1595.70	1667.25	N/A	1792.80	N/A	1931.85	2270.70	N/A	N/A	24"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	36"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Length	24"	30"	36"	42"	48"	54"	60"	72"	84"	96"	Height 18"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24"	1804.95	1831.95	1929.15	N/A	2031.75	N/A	2277.45	2474.55	N/A	N/A	36"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

Cab Protector for Dump Body: 1. Cab protector 1/8", 201 stainless steel load bearing type 36" in length with a 10" inset on both sides to provide vehicle exhaust clearance and be symmetrical. 2. Cab protector shall be inset 10" per side to provide 6" minimum clearance to the exhaust pipe. Cab protector shall have provisions for safety strobe lights, Whelen Model 500 series surface mount with branch protection. Cab Protector with Integral Hydraulic Tank: 1. Cab protector 1/8", 201 stainless steel load bearing type 36" in length with a 10" inset on both sides to provide vehicle exhaust clearance and be symmetrical. 2. Cab protector shall be inset 10" per side to provide 6" minimum clearance to the exhaust pipe. 3. Cab protector shall have 45-gallon Hydraulic Tank with all standards from above. Cab protector shall have provisions for safety strobe lights, Whelen Model 500 series surface mount with branch protection.	Yes No Yes No Yes No Yes No Yes No Yes No	\$6,185.00 \$Included \$ Included_ \$18,485.00 \$ Included \$ Included \$ Included
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Request for Proposal No. 0751A (2026)
Various Truck Bodies with Service and Parts Consideration

	Side Board: 1. Sideboards 3" x xx" stainless steel C-Channel with a 3" wide x 3" high, P/N CACD830 Acme Rubber Company (1.800.222.2263) The dock bumper shall be bolt attached thru a continuous strip of 3/16" stainless steel, bolted on 8" centers, to the top of the stainless-steel C-channel.	No																																																																																																																																																																																							
Sideboard Pricing – SEE ATTACHED PAGE 34-A (If not offered, enter N/A) <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"></td> <td style="width:10%;">Length</td> <td style="width:10%;">11'</td> <td style="width:10%;">11'6"</td> <td style="width:10%;">12'</td> <td style="width:10%;">12'6"</td> <td style="width:10%;">13'</td> <td style="width:10%;">13'6"</td> <td style="width:10%;">14'</td> <td style="width:10%;">14'6"</td> <td style="width:10%;">15'</td> <td style="width:10%;">15'6"</td> </tr> <tr> <td rowspan="6" style="vertical-align: middle;">Height</td> <td>6"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>7"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>9"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>10"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>11"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>12"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"></td> <td style="width:10%;">Length</td> <td style="width:10%;">16'</td> <td style="width:10%;">16'6"</td> <td style="width:10%;">17'</td> <td style="width:10%;">17'6"</td> <td style="width:10%;">18'</td> <td style="width:10%;">18'6"</td> <td style="width:10%;">19'</td> <td style="width:10%;">19'6"</td> <td style="width:10%;">20'</td> <td style="width:10%;">21'</td> </tr> <tr> <td rowspan="6" style="vertical-align: middle;">Height</td> <td>6"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>7"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>9"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>10"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>11"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>12"</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>					Length	11'	11'6"	12'	12'6"	13'	13'6"	14'	14'6"	15'	15'6"	Height	6"											7"											8"											9"											10"											11"												12"												Length	16'	16'6"	17'	17'6"	18'	18'6"	19'	19'6"	20'	21'	Height	6"											7"											8"											9"											10"											11"												12"										
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Various Truck Bodies with Service and Parts Consideration

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Liquid De-icer Dispensing System 1. System shall be skid mounted constructed out of 201 Stainless Steel 2. Tank shall be a Poly Tank With Baffle Balls (provide manufacture for Baffle Balls) 3. Liquid Pump 4. Hydraulic Pump 5. Spray Bar shall have 16 strait stream nozzles 6. Spray rate shall be from 20GPLM to 75GPLM 7. Rear Ladder 8. Rear 3" Fill 30" to 36" off the ground 9. Stand Alone Leg Kit for easy storage 10. Rear DOT lights 750 Gallon Saddle Tank Style 1000 Gallon Saddle Tank Style 500 Gallon Skid Tank Style 750 Gallon Skid Tank Style 900 Gallon Skid Tank Style 1000 Gallon Skid Tank Style 1600 Gallon Skid Tank Style 1800 Gallon Skid Tank Style	Yes	No	\$ Included__
		No	\$ Included__
		No	\$ Included__
		No	\$ Included__
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		No	\$ Included__
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		No	\$ Included__
	Location	Rear	\$ Included__
	Capacity	750 Dimensions 69x89x42	\$52,311.25
	Capacity	1000 Dimensions 78x90x49	\$58,017.50
	Capacity	535 Dimensions 48x78	\$54,211.25
	Capacity	725 Dimensions 48 x 103	\$54,786.25
	Capacity	925 Dimensions 61 x 82	\$55,911.00
	Capacity	1000 Dimensions 78x90x52	\$58,161.25
	Capacity	1750 Dimensions 62 x 147	\$59,685.00
	Capacity	1800 Dimensions 148 x 72 x 64	\$63,923.75

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Various Truck Bodies with Service and Parts Consideration

Hydraulic Options **PARTS PRING ONLY. DOES NOT INCLUDE INSTALLATION OF ANY ITEM ** 1. (3) Three Joystick Operators Console in lue of single Joystick Option from above a) Other Operator Station Options Option 1 2. Control System - Option 1 - Option 2 - Option 3 - Option 4 3. Hot Shift PTO and Pump for Optional Transmissions - Option 1 - Option 2 4. Hydraulic Reservoir and Valve Enclosure - Option 1 - Option 2 5. Filter Options - Option 1 - Option 2	Make: Force America___ Model: _Patrol Commander_ 1. Force America Patrol Commander Ultra MULTI STICK in lieu of Command All Single stick controller. Processed at time of order ** NO CHARGE ** Make: Force America_ Model: _____ 1. 5150 JS Standalone single axis joystick NON-Proportional Controller. 2. Patrol Commander Dual with (4) auxiliary switches 3. SSC3100 electric 4. 5100 EX Spreader Controller with granular and prewet feedback kit Make: _Force America Model: _____ 12V electric/hydraulic pump 5.61 cid pump assembly Make: _Force America___ Model: _____ 1. VT35 Full stainless steel 2. DEDUCT VT35 from base – applies to cab shield tank combo in lieu of VT 35 Make: Force America_____ Model: _____ 1. Complete seal kit (1058146) 2. Spin on filter 10 micron with visual gauge	\$NO CHARGE \$2,025.00 \$3,165.75 \$1,235.00 \$3,327.75 — \$3,425.00 \$4,246.00 — \$3,675.00 \$<1,900.00> — \$108.75 \$97.50
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Various Truck Bodies with Service and Parts Consideration

6. Valve Section Options Option 1 Option 2 Option 3 Option 4 7. Cable Options Option 1 Option 2 Option 3 Option 4 8. Miscellaneous Hydraulic Parts Option 1 Option 2 Option 3 Option 4 9. Electric Switch Packs for control of other optional items Option 1 Option 2	Make: Force America__ Model: Add-A-Stack__ 1. Two Function wing (heel/toe) requires MPJC4 Ultra Arm control 2. Extendable plow wings valve 3. U/Body scraper valve 4. Auger Feedback extension harness Make: Force America__ Model: _____ 1. Cable splitter M12 (4) position used with prewet feedback 2. Cable M12 male /female 3. 15' CAN harness extension 4. Multi-Lane direct liquid module and harness Make: __Force America__ Model: _____ 1. Plow pressure relief manifold 2. (2) section Stucchi Couple w/parking station 3. (4) section Stucchi Coupler w/parking station 4. (6) section Stucchi Coupler w/parking station Make: _Force America__ Model: _____ 1. UD-4 or UD -5 switch includes UD-loose wire kit and Deutsch connectors 2. Joystick controller for FA Multi-Stick Patrol Commander Ultra	\$3,915.00 \$2,550.00 \$4,965.00 \$215.00 \$150.00 \$150.00 ea. \$195.00 \$2,995.00 \$735.00 \$1,145.00 \$1,695.00 \$3,055.00 \$975.00 \$535.00
Spare Parts: 7. 1. Joystick controller (1) required.	Make: Force America Joystick for FA Command ALL single controller	\$1,695.00

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Stake Bed Options Extra Heavy Duty Stake Bed Options 1. Structural Steel Long Sills 2. Structural Steel Cross Members 12" on Center 3. 3/16" Diamond Plate Deck 4. 1/4"x2" steel Tie Down – Rub rail full length 5. 42" tall Stake Sides easily removable 6. <i>Powder Coat Paint on platform & stake sides– WHITE -</i> 8' wide x 12' long 8' wide x 14' long 8' wide x 16' long 8' wide x 18' long 8' wide x 20' long 8' wide x 22' long 8' wide x 24" long Options for above Stake Bed Option 1 Option 2 Option 3 Option 4 Option 5	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; background-color: #00FF00; text-align: center;">Yes</td> <td style="width: 10%; text-align: center;">No</td> <td style="width: 80%;"></td> </tr> <tr> <td style="background-color: #00FF00; text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td></td> </tr> <tr> <td style="background-color: #00FF00; text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td></td> </tr> <tr> <td style="background-color: #00FF00; text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td></td> </tr> <tr> <td style="background-color: #00FF00; text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td></td> </tr> <tr> <td style="background-color: #00FF00; text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td></td> </tr> </table> Make: _____ Model: _____ Capacity: _____ - lbs Capacity: _____ - lbs Capacity: _____ - lbs Capacity: _____ - lbs Capacity: _____ - lbs	Yes	No		Yes	No		Yes	No		Yes	No		Yes	No		Yes	No		\$ Included__ \$ Included__ \$ Included__ \$ Included__ \$ Included__ \$ Included__ \$13,148.75__ \$14,306.25__ \$15,561.25__ \$16,575.00__ \$17,943.75__ \$19,038.75__ \$20,470.00__ \$ N/A_____
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Yes	No																			
Yes	No																			
Yes	No																			
Yes	No																			
Yes	No																			

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Conventional Lift Gate – Heavy Duty Electric over Hydraulic Lift Gate - Gate Shall be of Steel Construction - Platform 96” wide - Powder Coat Paint 2200 pound rating with 42” deep platform 3300 pound rating with 42” deep platform 4400 pound rating with 42” deep platform 2200 pound rating with 48” deep platform 3300 pound rating with 48” deep platform 4400 pound rating with 48” deep platform Options for above Lift Gate Option 1 Option 2 Option 3 Option 4	<i>Quoted Gate is a Maxon RAIL style gate & includes LED stop/tail/turn/back light kit.</i> ☒ Yes No ☒ Yes No ☐ Yes ☒ No <i>Maxon Max-Pro paint process</i> RC-2B 42 x 90 platform HC 2200 lb. lift RC-3B 42 x 90 platform HC 3000 lb. lift RC-4B 66 x 90 (42xw/24” ramp) 4000 lb. lift RC-3B 66 x 90 (42”w/24” ramp) 3000 lb. lift Make: _____ Model: _____ Capacity: _____ - lbs Capacity: _____ - lbs Capacity: _____ - lbs Capacity: _____ - lbs Capacity: _____ - lbs	\$ Included____ \$ N/A_____ \$ N/A_____ \$ N/A_____ \$ _____ \$14,953.75____ \$16,923.75____ \$19,575.31____ \$18,305.00____ \$ N/A_____ \$ N/A_____ \$ N/A_____ \$ N/A_____ \$ N/A_____
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	Warning Lights	Make: __ Whelen__ Model: Edge Series ____	\$4,423.75
	Whelen LED Lighting Options (no approved equal)	54" 9-Edge w/controller	\$4,286.25
	1. LED Light Bar with Controller	48" 9-Edge w/controller	\$4,030.00
		25" 9-Edge w/controller	
	LED Beacon	Make: __ Whelen__ Model: L321HAFCA	\$2480.00
	Option 1	<i>Any population of light color, AMBER/BLEUE/RED/CLEAR installed and wired to a switch. Switch price is NOT included. See below</i>	
	Option 2	Whelen aluminum branch guard for light-Installed	\$ 590.00
	2. LED Surface Mount	Make: __ Whelen__ Model: 500 series	\$1,455.00
	Option 1	<i>Any population of light color, AMBER/BLEUE/RED/CLEAR installed with either surface or rubber grommet mount and wired to a switch. Switch price is NOT included. See below.</i>	
	Option 2	500 series aluminum brush guard per light	\$85.00
	3. LED Arrow Stick	Make: __ Whelen__ Model: __TA__	
	Option 1	TAC850 (thin mount)	\$2,149.00
	Option 2	TA166AL5 (large ARROW style)	\$4,341.25
		<i>Price includes installation at "standard" location. However, price may be subject to additional labor costs depending upon desired light location by CCD at time of install.</i>	
	Electric Switch	Make: __ In-Power__ Model: _____	
	1. Electric Switch Pack to operate optional equipment		
	Option 1	(8) switch, back lite, soft touch -installed	\$1,160.00
	Option 2	(10) switch, back lite, soft touch - installed	\$1,230.00

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Pintle Hitch and Plate Options (use standards from above) Hitch Plate with D-rings Option 1 Option 2 Pintle Hitch Option 1 PH-15 15 ton installed on “1” or “2” above Option 2 PH-30 30 ton installed on “1” or “2” above Option 3 PH-45 45 ton installed on “1” or “2” above Option 4 PH-45AIR 45 ton installed on “1” or “2” above (PH45A Price includes running air lines to pintle hook)	Make: ___ OJW ___ Model: HD TH _____ ¾” steel plate 100 % welded w/D-rings and paint- installed 1’ steel plate 100 % welded w/D-rings and paint - installed Make: _____ Buyers Products Model: Capacity: _30,000_____ - lbs Capacity: _60,000_____ - lbs Capacity: _90,000_____ - lbs Capacity: _90,000_____ - lbs Capacity: _____ - lbs	\$4,175.00___ \$4,475.00 \$365.00 \$475.00 \$560.00 \$1,725.00
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5. Additional Requirements

5.1. Electrical Systems:

- A. All non-factory wire connections (splices, connectors, etc.) shall be soldered and shrink tube insulated with adhesive/meltable sealant, thick wall polyolefin shrink tubing (3M EPS-300 or equal). No non-factory crimp connections allowed. No cutting or splicing into the factory wiring harnesses allowed.
- B. All accessories (strobe lights, operator controls, light bar, etc.) shall be wired through a 12-vDC constant-duty solenoid and controlled by bus bar mounted and permanently labeled auto-resetting circuit breakers. The solenoid shall be wired to the key switch.
- C. All dealer/vendor installed items, which require connecting into the vehicle's electrical system shall be done using an OEM factory modified wiring kit whenever possible.
- D. All non-factory wiring shall be encased in a totally sealed wiring harness (no plastic split loom) to prevent corrosion from magnesium chloride. The wiring harness shall be well secured to the truck with neoprene aircraft stainless steel tubing clamps. Rubber grommets shall be used at all areas where the wiring passes through areas that could damage the wiring. Unprotected wiring in any application is unacceptable.
- E. Electrical cables and wiring harnesses shall be neatly run and clamped with neoprene aircraft stainless steel tubing clamps. Clamp spacing shall not exceed 18-inches.
- F. Dielectric grease shall be applied to all electrical plug terminals and connections to reduce corrosion.

5.2. Fasteners:

- A. Grade 5 (SAE or USS) or 8.8 (metric) minimum, bolts, nuts, washers minimum. Vendor shall use Grade 8 or 10.9 for all critical areas or where good engineering practice suggests.
- B. All fasteners shall be zinc plated to prevent corrosion.
- C. Anti-Seize: all fasteners shall have Fel Pro C5A Anti-Seize compound applied before assembly to prevent corrosion, rusting, galling and aid in equipment servicing and repair.
- D. All fasteners shall be of appropriate length, diameter and strength (grade) for the application,
- E. Bolts and screws shall extend a minimum of 1-1/2 threads beyond the nut and maximum of 6 threads past the nut.
- F. Flat washers shall be used under bolt heads and nuts.
- G. Lock nuts (nylon insert, metal, slotted, castle nuts) shall be used lock-washers are not acceptable.

5.3. Hydraulic Systems:

- A. All hydraulic circuits shall be pressure relief protected.
- B. Hydraulic hoses shall be Parker 451ST SAE 100R17 (tight bend radius) 2-wire braid hose meeting SAE-100R16 specifications where the hose meets operational criteria or approved equal.
- C. Hydraulic hoses shall have swivel fittings on both ends. Hose ends shall be located to facilitate easy component replacement.
- D. High-pressure hydraulic hose shall not be used for suction lines.
- E. Close/tight radius 90° elbow fittings shall not be used if short, medium or long drop steel stem 90° elbow fittings can be used. Over use of 90° elbows shall not be permitted.
- F. Hydraulic hoses and rigid lines shall be run parallel where possible; routing shall look neat and well planned.
- G. Rubber cushioned metal hydraulic clamps shall be used on all hydraulic ridged lines and hoses at proper intervals for supporting the line/hose 36" maximum distance. Clamps shall be securely mounted to the equipment.
- H. Hydraulic hoses and lines shall not be routed near exhaust, close to rotating components or over, around or through sharp edges. . Rubber grommets shall be used at all areas where the hydraulic lines through areas that could damage the lines.

- I. Galvanized fittings and thread tape shall not be used.
- J. Hydraulic hoses shall be covered with protective spiral nylon anti-chaffing wrap or sock type protective sleeves at all areas where chafing/rubbing could cause premature wear/failure.
- K. Hydraulic oil tanks shall magnetic drain plug, oil level and temperature gauge.
- L. Hydraulic hoses over 4' long shall be labeled on both ends for easy identification.
- M. Shut off valves 1/4-turn on each side of filter.

5.4. All fabricated parts, brackets etc.

All fabricated parts, brackets etcetera shall have all sharp corners, edges etc. radiused or rounded for safety.

5.5. Welds:

- A. All welds shall meet AWS (American Welding Society) standards for the type weld, material joined and welding method.
- B. Weld joints shall have proper design and fit for the application.
- C. Welds joints shall have proper penetration and be smooth in appearance with no undercuts or overlaps at edge of weld.
- D. Weld joints shall be properly prepared with cut ends ground to remove all slag, create a smooth surface and beveled end.
- E. Welds shall be full length to prevent "rust bleed" from non-welded seams

6. Manuals and Training

6.1. Manuals/Equipment

Item	Description of Equipment	Offered Equipment	Cost
Training DVD	DVD or CD demonstrating and explaining the safe and proper use of the vehicle/equipment. 1. Cab and chassis.	Yes No	\$ N/A
Operators Manual Paper / or Web Based	One book per vehicle/equipment with "safe equipment operation" section for each component. 1. Cab and Chassis. 2. Ongoing Web Subscription by the Year	Paper Web Based Yes No Yes No	\$ N/A _____ \$ N/A _____
Service/ Maintenance Manual Paper / or Web Based	Four complete sets per Contract (not per vehicle); binder required, 1. Manuals shall be provided for A. Cab and Chassis 2. Manuals shall include complete and detailed information for maintenance of the equipment, including general information, specifications, troubleshooting guide, lubrication and required adjustments. 3. Ongoing Web Subscription by the Year:	Paper Web Based Yes No Yes No	\$ N/A \$ N/A _____
Service/ Maintenance Manual on CD rom or DVD or Web Based	Four complete set; per Contract (not per vehicle) 1. Manuals shall be provided for: B. Cab and Chassis 2. Manuals shall include complete and detailed information for maintenance of the equipment, including general information, specifications, troubleshooting guide, lubrication and required adjustments. 3. New CD roms or DVDs shall be provided when information is updated, superseded or changed. 4. Ongoing Web Subscription by the Year	Disk Web Based Yes No Yes No Yes No	\$ N/A _____ \$ N/A _____ \$ N/A _____

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Service/ Maintenance Manual on Internet Access, or Other Electronic Media	One complete set; per Contract (not per vehicle) 1. Vendor shall provide access to the site for the length of time that the City owns the vehicle/equipment at a one time up front cost to the City. 2. Internet information shall include complete and detailed information for maintenance of the equipment, including general information, specifications, troubleshooting guide, lubrication and required adjustments. 3. The hydraulic and electrical sections of the manuals shall be provided in a separate electrical/hydraulic binder. Both the hydraulic and electrical circuits shall have separate color coded schematics for each equipment function to show the flow of both electrical current and hydraulic oil. 4. Ongoing Web Subscription by the Year	Yes No Yes No If other Specify: _____ _____ _____ Yes No Yes No	\$ <u>N/A</u>
Parts Manual Paper or Web Based	Two complete sets, per Contract (not per vehicle) binders required, 1. Manuals shall be provided for: A. Cab and Chassis B. Equipment and Body 2. Illustrated parts book shall be furnished containing data so that part numbers can be readily found for each system. 3. Ongoing Web Subscription by the Year	Paper or Web Based Yes No Yes No Yes No Paper Manuals for OJW provided Equipment only	\$ <u>450.00</u> \$ <u>450.00</u>

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Parts Manual on CD rom or DVD or Web Based	One complete set, per Contract (not per vehicle) illustrated parts book shall be furnished containing data so that part numbers can be readily found for each system. - Information shall be provided for: - Cab and chassis - Parts manuals shall include complete and detailed information for replacement parts for the equipment, including general information, specifications ordering guide lines and superseded parts information. - New CD roms or DVDs shall be provided when information is updated, superseded or changed. - Ongoing Web Subscription by the Year	Disk Web Based Yes No Yes No Yes No	\$ <u>N/A</u> \$ <u>N/A</u>
Parts Manual on Internet Access, or Other Electronic Media	One complete subscription; per Contract (not per vehicle) - Internet information shall allow the City 24 hour 7 days/week including holidays access from its main maintenance facility and all its satellite maintenance facilities. - Internet information shall include complete and detailed information for parts for the: - Cab and Chassis - Equipment and Body - Internet information shall cover vehicle/equipment, shall include general parts information, parts specifications, ordering guide lines and superseded parts information. - Vendor shall provide access to the site for the length of time that the City owns the vehicle/equipment at a one time up front cost to the City. - Parts manuals shall include complete and detailed information for replacement parts for the equipment, including general information, specifications ordering guide lines and superseded parts information. - Ongoing Web Subscription by the Year	Access Information: 7 days/week including holidays Yes No Yes No Yes No Yes No Yes No If other Specify: _____ No Yes	\$ <u>N/A</u> \$ _____

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New Equipment Check-in Form:	The successful vendor shall complete the City's "New Equipment Check-in Form" completely and accurately with all requested information.	- -	
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6.2. Operator and Mechanics Training

Item	Description	Offered Equipment	Cost
On Site Equipment Manufacturers Training	On site the vendor shall insure that the equipment manufacturers training representative, after delivery of the equipment Contacts Fleet Maintenances training manager to coordinate equipment training	OJW and the major manufacturers represented within this RFP will provide yearly training at no charge.	\$ _____ N/A _____
Fleet Maintenance Training Manager	Mr. Michael Helgeson Telephone: 720.865.3912 Contact time: 8:00 am to 3:00 pm M-F		
Training Requirements	Training shall consist of factory training materials, classroom and actual field training on the equipment for the equipment operators and supervisors	YES - yearly	\$ _____ N/A _____
On Site Mechanics Training	On-site mechanics training shall be 2 classes, approximately 8 hours, 2 shifts total provided at City facilities. The training shall cover maintenance And service procedures, trouble-shooting and use of manuals	YES – Yearly	\$ _____ N/A _____

7. Warranty

7.1. General Warranty Provisions

Item	Warranty (Table 1) Class 7 & 8 Vehicles	Complies (Yes or N/A)
A	Express warranty is to be a minimum of 12 months on the vehicle/equipment. The standard factory warranty plan shall be provided as an attachment to your bid proposal	Y
B	The Warranty is to include at no cost to the City of Denver, all parts and labor, and no charge for work performed at the vendors facility	Y
C	Warranty shall start when the City places the vehicle into service NOT on the delivery date. Taking an exception may make bid non-compliant	Y
D	Warranty plans shall consist of the total unit and be broken out to a separate plan for each warranty item if applicable, such as engine warranty plan, transmission warranty plan, electrical, etc.	Y
E	Options listed shall be bid and provided as factory installed under the terms of the full factory-backed warranty. This includes, but is not limited to air conditioning, radios, cruise control, bumpers, towing packages etc. Dealer-installed options will not be permitted unless pre-approved by the City in writing and, where applicable, indicated on bid sheet as a "dealer installed" non-factory item.	Y
F	Bidder will be responsible for warranty repair of all installed options/auxiliary equipment included in the bid that has a standard warranty that is less than the standard warranty for the base vehicle/equipment	Y
G	Bidder shall use a single, local factory authorized dealership that will accomplish or coordinate required warranty work. The dealership must have a minimum of 1-year experience as a factory authorized vendor for like equipment being bid. Warranty parts shall be available and supplied within 24 hours	Y
H	If applicable, bidder shall provide a plan for the City to be reimbursed if the work can be done by the City on site. The current shop rate is \$65.00/hour, not to exceed \$85.00/hour. (Enter a response of N/A if not available)	Y
I	The bidder shall respond to request for warranty assistance within twenty-four (24) hours	Y
J	Warranty work shall be accomplished within an appropriate length of time (generally less than 3 working days for everything other than major component repair such as a transmission rebuild) and shall be coordinated with an authorized City representative	Y
K	During the entire warranty period, if the unit requires transportation to a repair facility, the vendor/sub-vendors shall be responsible for all transportation at "NO COST" to the City and County of Denver. This includes transporting the unit back to the City's domicile location after repairs are complete. If an alternate is bid, charges to the City of Denver shall be listed (e.g. mileage, travel, labor, etc.). Even if an alternate is bid, in NO CIRCUMSTANCES will the City and County of Denver be responsible for transporting a unit greater than 25 miles from the center of Denver. For purposes of these warranty provisions, the center of Denver is defined as the City and County Building located on the corner of Colfax and Bannock Street.	Y
L	The item(s) procured by the City pursuant to this Bid Proposal shall, in addition to being subject to the express warranties referenced above, be subject to all implied warranties arising by operation of law under State of Colorado and Federal law, including but not limited to the implied warranty of merchantability and, to the extent applicable, the implied warranty of fitness for a particular purpose arising under the Colorado Uniform Commercial Code, Title 4, Colorado Revised Statutes. The bidder shall in no event attempt to limit or disclaim any of such implied warranties under this Bid Proposal, and any attempt to do so will render the bidder's bid non-responsive under this Bid Proposal.	Y
M	This warranty in Table 1 and Table 2, is IN ADDITION to factory warranties on the vehicle and components	Y

7.2. Fleet Defects

WARRANTY - (Table 2) Fleet Defect Clause, Class 7 & 8 Vehicles	
A.	Definition: If during the warranty period, thirty percent (30%) of the total number of units delivered have the same part(s) and/or components failure requiring replacement and/or modifications, caused by defects in Design, Testing, Material, and/or Workmanship, then this “Fleet Defect Clause” goes into effect.
B.	Remedy: Following notification of a Fleet Defect, the vendor shall develop and implement a plan that either reengineers, modifies, or replaces the defective parts/ systems, such that the identified problem is cured, and the operation of the vehicle/equipment is not altered. When alterations are required to cure the defect, those alterations that change or modify the original bid specifications must be approved by the City and County of Denver prior to execution. The vendor will pay for all necessary labor and materials to repair, modify, and/or “update” all vehicles/units in this group. The vendor shall also propose a work schedule that is mutually agreed upon by the City of Denver that corrects the fleet deficiency within 30 days or a mutual agreed upon schedule.
C.	Exceptions: Fleet defects will not apply to minor aftermarket accessories specified by the City of Denver and installed per instructions/specifications. Examples include toolboxes, spotlights, bed-liners, etc.
D.	Mitigation: Should the vendor become nonresponsive to the City’s notification of a Fleet Defect, the City may employ several options. (1) After notifying the vendor in writing of The City’s intent to mitigate its circumstances, the City may chose to perform its own warranty work and seek reimbursement for both parts and labor. (2) On major components, such as engine, transmission, air conditioning, etc., the City may chose to have the repairs performed by an authorized dealer and vendor shall reimburse the City for any parts or labor not covered by other warranty
E	Outside Metro-Denver: Vendor will pay for all transportation costs if unit(s) must be sent out of the Denver area for repairs. The City and County of Denver reserves the right to inspect unit(s) before returning back to Denver. The City and County of Denver also reserves the right to send at least one employee, without cost to the City, to inspect the repair(s) before unit is released back to the City.
F	Expired Warranties: Units that have mutually agreed upon warranty defects during the warranty period will continue to be repaired until completed. If an on-going remedy continues past the warranty date the repairs will continue under warranty until completed or cease at a time agreed upon by the vendor and City and County of Denver.

7.3. Warranty Options

WARRANTY Options (Table 3) Class 7 & 8 Vehicles				
Cost of Factory Extended Warranties	Please indicate in the columns below the additional cost of an extended warranty for all applicable components listed in the left hand column. Inc = Included N/A = Not available			
		Two Years	Three Years	Five Years
A.	Cab and Chassis			
B.	Engine			
C.	Transmission			
D.	Drive Train			
E.	Suspension			
F.	Air Conditioning			
G.	Electrical Components			
H.	Other			
I.	Notes:			

7.4. Warranty Service Locations:

Warranty repair parts and service shall be available locally at an established factory authorized dealership meeting requirements of Table 1 Section 7.

A. Cab & Chassis: Dealership Name: _____ Telephone #: _____
Street Address: _____ City: _____

B. Dump Body System: Dealership Name: O.J. Watson Company, Inc. Telephone #: 303.295.2885
Street Address: 5335 Franklin Street City: Denver, CO 80216

8. Delivery Documentation

8.1. Heavy Duty Vehicle Delivery Documentation:

Delivery Documentation (GVWR 26,000-Lbs and Above Heavy Duty)	
A.	Vehicles ordered under this specification shall be complete and delivered to CITY AND COUNTY OF DENVER, Fleet Management Division. All prices quoted must be quoted at a firm price F.O.B. Denver, Colorado, 5440 Roslyn St. Building C.
B.	Vendor shall supply at acceptance and delivery of vehicle. 1. Bill of Sale (aka invoice, buyers order) 2. Original MSO (Manufacturers Statement of Origin) 3. Application for Title and/or Registration, Colorado Dept of Revenue form DR2395 (02-22-11) 4. Odometer Disclosure Statement, Colorado Dept of Revenue form DR2407 (09-07-05) 5. Letter of Certification on Vendor Letterhead (Required for Incomplete Vehicles) with added bodies etc, describes the final configuration of the vehicle) 6. Air Brake inspection form required for any vehicle with air brakes or truck units capable of towing trailers greater than 10,000-Lbs 7. Standard Sales Tax Receipt. 8. DOT inspection form. 9. Temporary License Plate. 10. New Equipment Check-in Form/ Vendor Supplied Information on the Vehicle. Form provided by Fleet contact Dolores @ 720.865.3903 11. Copy of City Purchase Order. 12. All Keys ordered for the Vehicle and Sundries, i.e. toolboxes etc. 13. All Manuals repair, parts, owners and/or CD's/DVD's etc 14. Vehicle Warranty information and receipt for optional warranty. 15. Receipts and Warranty information for vendor Installed/supplied components (lift gates, snowplows, lighting equipment etc)
C.	For an "Incomplete Vehicle" (cab & chassis) add the following: 1. Verification of Vehicle Identification Number (VIN), Colorado Dept. of Revenue form DR2087. 2. Statement of Fact for incomplete vehicles with added bodies etc, describes the final configuration of the vehicle. 3. Original weight slip
D.	Delivery Monday through Friday between 8:00am and 1:00pm. Location: CITY AND COUNTY OF DENVER Fleet Management 5440 Roslyn St. Building C Denver, CO 80216 Contact person to coordinate delivery: TBD

Total Cost Pricing Include: ○ All of Sections 3. – • 3.1: Base 15 yd. Live Floor Dump Body Equipment (page 13) • 3.2: Underbody Hoist (page 15) • 3.3: Hydraulic System and Controls (page 26) • 3.4: Tarp System (page 27) • 3.5: Pintle Tow Hook (page 28) • 3.6: Snowplow System Monroe 10-ft Snowplow (page 30) • 3.7: Monroe Flat Plate Hitch (page 31) • 3.8: Monroe Snowplow or Approved Equal Miscellaneous Items (page 32) • 3.9: Sundries (page 33) Do Not Include: ○ Optional Equipment – Section 4.0 (page 34 – 59) ○ Manual Cost (s) – Section 6.1 (pages 61-65) ○ Operator and Mechanics Training – Section 6.2 (page 65) ○ Warranty Cost (s) – Section 7.3 (68)	TOTAL COST FOR ALL ITEMS TO BE INCLUDED (LISTED IN THE LEFT COLUMN) Authorized Signature: 	\$_____242,430.00
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Attachment D
Additional Price Rates

I. Group 1 -Class 1-3 Trucks, SUVs, and Cars.

Additional Bid Item No.	Description	Price/Percentage
1.	Standard Shop Rate	\$ _____235.00_____ per hour
2.	Standard Field Rate	\$ _____238.50_____ per hour
3.	Expedited/Off Hour Shop Rate	\$ _____250.00_____ per hour
4.	Expedited Field Rate (Vendor Tech to arrive within 2 hours of City Call/Request)	\$ _____255.00_____ per hour

II. Group 2 -Class 4,5,6,7, and 8 Trucks.

Additional Bid Item No.	Description	Price/Percentage
1.	Standard Shop Rate	\$ _____235.00_____ per hour
2.	Standard Field Rate	\$ _____238.50_____ per hour
3.	Expedited/Off Hour Shop Rate	\$ _____250.00_____ per hour
4.	Expedited Field Rate (Vendor Tech to arrive within 2 hours of City Call/Request)	\$ _____255.00_____ per hour

III. Ad Hoc Parts and Component Pricing:

In the following table: indicate the various brand name products that your company may provide (for builds/ projects not already identified) to the City relevant to the scope of work of this solicitation and resulting agreement.

The pricing proposed shall be ‘ceiling’ pricing: allowing for the City ‘to ask for and/or supplier provide’ additional discounts as applicable based on factors such as sales, tiers, volume, and etcetera.

Item #	Brand/ Manufacture Name	Proposed price structure. (Pricing will remain <u>FIRM AND FIXED</u> with delivered cost included for the duration of the initial agreement and any renewals/extensions. Indicate in front of each entry: minus (-) % for a discount plus (+) % for a premium Net = zero (0) %
0-Example	Whelen Lighting Components	_____ -15 _____ % <i>Indicate Price List Type (MSRP, Retail, Vendor Cost, Web)</i> <i>List Type: _____ <u>Commercial Fleet List Price</u></i> <i>No. PL25.OUA_ 'List' Price Column</i> <i>This entry means that the supplier will price out these products to the City at 15% off of the pricing listed in the reference price list.</i> <i>Example:</i> <i>AVC11* Single, Amber or White \$258.00= City cost of</i> <i><u>\$219.30</u></i>

Proposed Brands

Item #	Brand/ Manufacture Name	Proposed price structure. (Pricing will remain <u>FIRM AND FIXED</u> with delivered cost included for the duration of the initial agreement and any renewals/extensions. Indicate in front of each entry: minus (-) % for a discount plus (+) % for a premium Net = zero (0) %
1.	____Boss Snowplows____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: ____MSRP_____
2.	____Buyers Products____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: ____MSRP_____
3.	____Curt____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: ____MSRP_____

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4.	_____Decked_____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____
5.	_____UWS_____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____
6.	_____Weather Guard_____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____
7.	_____Whelen_____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____

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8.	_____Warn_____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____
9.	_____Force America_____	_____ -10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____
10.	_____Monroe_____	_____ - 10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____
11.	_____Crysteel_____	_____ - 10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____

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12.	_____Stellar_____	_____ - 10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____
13.	_____Maxon Liftgate_____	_____ -10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____
14.	_____Hood Loaders_____	_____ -10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRPDu_____
15.	_____Dur-A-Lift Aerial_____	_____ -10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____

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16.	_____ Rawson Koenig _____	_____ -10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____ MSRP _____
17.	_____ Reading Body _____	_____ - 10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____ MSRP _____
18.	OJW Custom Manufactured _____	_____ - 10 % _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____ MSRP _____
19.	_____ Cadet Manufacturing _____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____ MSRP _____

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20.	_All other brands of items which are not included _____	_____ - 10 _____ % Indicate Price List Type (MSRP, Retail, Vendor Cost, Web) List Type: _____MSRP_____
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(Rows to this table may be added as needed)

AUTHORIZED SIGNATURE: Mark Eckrich **DATE:** 05.31.2026