



City of Tacoma, WA

**ENVIRONMENTAL SERVICES
REQUEST FOR BIDS
SINGLE AXLE YARD TRACTOR
SPECIFICATION NO. ES24-0152N**



**City of Tacoma
Environmental Services, Solid Waste Management**

**REQUEST FOR BIDS ES24-0152N
SINGLE AXLE YARD TRACTOR**

Submittal Deadline: 11:00 a.m., Pacific Time, November 22, 2024

Submittals must be received by the City’s Procurement and Payables Division by 11:00 a.m. Pacific Time.

For electronic submittals, the City of Tacoma will designate the time of receipt recorded by our email server, as the official time of receipt. This clock will be used as the official time of receipt of all parts of electronic bid submittals. Include the specification number in the subject line of your email. Your submittal must be sent as an attachment, links to your electronic submittal will not be accepted.

For in person submittals, the City of Tacoma will designate the time of receipt recorded by the timestamp located at the lobby security desk, as the official time of receipt. Include the specification number on the outside of the envelope. Late submittals will be returned unopened and rejected as non-responsive.

Submittal Delivery: Submittals will be received as follows:

<p>By Email: sendbid@cityoftacoma.org Maximum email size, including attachments: 35 MB. Multiple emails may be sent for each submittal.</p> <p>Note: Email may pass through multiple servers before arriving at its destination. Please allow sufficient time for email delivery of submittals. Timely electronic delivery is at the risk of the supplier.</p>	<p>In Person: Tacoma Public Utilities Administration Building North, Main Floor, Lobby Security Desk 3628 South 35th Street Tacoma, WA 98409 Monday – Friday 8:00 am to 4:30 pm</p>
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Solicitation Documents: An electronic copy of the complete solicitation documents may be viewed and obtained by accessing the City of Tacoma Purchasing website at www.TacomaPurchasing.org.

- [Register for the Bid Holders List](#) to receive notices of addenda, questions and answers and related updates.
- Click here to see a [list of vendors registered for this solicitation](#).

Pre-Proposal Meeting: A pre-proposal meeting will not be held.

Project Scope: Solid Waste Management Division is soliciting bids from qualified firms for the purchase of two (2) single axle yard tractors.

Estimate: \$475,000

Paid Sick Leave: The City of Tacoma requires all employers to provide paid sick leave in accordance with Washington State law.

Americans with Disabilities Act (ADA Information): The City of Tacoma, in accordance with Section 504 of the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability, in all of its programs and activities. Specification materials can be made available in an alternate format by emailing the contact listed below in the *Additional Information* section.

Title VI Information: “The City of Tacoma” in accordance with provisions of Title VI of the Civil Rights Act of 1964, (78 Stat. 252, 42 U.S.C. sections 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin in consideration of award.

Additional Information: Requests for information regarding the specifications may be obtained by contacting Anela Olson by email to aolson1@cityoftacoma.org.

Protest Policy: City of Tacoma protest policy, located at www.tacomapurchasing.org, specifies procedures for protests submitted prior to and after submittal deadline.




Meeting sites are accessible to persons with disabilities. Reasonable accommodations for persons with disabilities can be arranged with 48 hours advance notice by calling 253-502-8468.

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SUBMITTAL CHECK LIST

This checklist identifies items to be included with your submittal. Any submittal received without these required items may be deemed non-responsive and not be considered for award. Submittals must be received by the City of Tacoma Purchasing Division by the date and time specified in the Request for Bids page.

<p>The following items make up your complete electronic submittal package (include all the items below):</p>	
<p>Signature Page (Appendix B) To be filled in and executed by a duly authorized officer or representative of the bidding entity. If the bidder is a subsidiary or doing business on behalf of another entity, so state, and provide the firm name under which business is hereby transacted.</p>	
<p>Price Proposal Form (Appendix B) The unit prices bid must be shown in the space provided. Check your computations for omissions and errors.</p>	
<p>Completed Technical Specification (Appendix A)</p>	
<p>Record of Prior Contracts (Appendix B)</p>	
<p>After award, the following documents will be executed:</p>	
<p>City of Tacoma Purchase Order</p>	

1 MINIMUM REQUIREMENTS

The Contractor shall provide the following information. **Failure to provide the required information may cause your bid to be considered non-responsive and rejected.**

- 1.1 To be eligible for award, Bidders shall be authorized distributor, dealer or manufacturer of the products offered, shall have prior experience in providing the goods offered, and shall possess all permits, licenses, certifications, approvals, equipment, materials, and staff necessary to perform and/or carry out the requirements of this request for bid.
- 1.2 Provide company information to include years in business, or any other relevant information. (Financial information not required). Complete the Statement of Qualifications Form in Appendix B.
- 1.3 Provide a listing of state governmental experience within three (3) years. Include the contract value and terms, a contact person, their phone number, and email address. Complete Record of Prior Contracts form in Appendix B.

2 STANDARD TERMS AND CONDITIONS

City of Tacoma [Standard Terms and Conditions](#) apply.

3 INTRODUCTION OF SPECIFICATIONS

The City of Tacoma (City), Environmental Services, Solid Waste Management Division is soliciting bids to establish from qualified firms for the purchase of two (2) Yard Trucks per the attached specification.

The equipment requested will be used by the City of Tacoma Solid Waste Division to conduct logistical operations within the grounds of the Solid Waste Recovery and Transfer Center (RTC).

The equipment offered shall include all of the manufacturer's standard equipment for the equipment model offered in addition to those items required by the technical specifications. (See Appendix A).

4 GOVERNMENT REGULATIONS

The equipment shall be designed and built-in compliance with all applicable local, Washington State, and Federal regulations.

5 CALENDAR OF EVENTS

This is a tentative schedule only and may be altered at the sole discretion of the City.

The anticipated schedule of events concerning this RFB is as follows:

Posted:	10/31/2024
Question Deadline:	11/7/2024
City response to Questions:	11/14/2024
Submittal Due Date:	11/22/2024
Anticipated Award Date, on or about:	12/2/2024

6 INQUIRIES

- 6.1 Questions can be submitted to *Anela Olson*, Buyer, via email to aolson1@cityoftacoma.org. Subject line to read:
ES24-0124N – Single Axle Yard Tractor – *VENDOR NAME*
- 6.2 Questions are due by 3 pm on the date included in the Calendar of Events section.
- 6.3 Questions marked confidential will not be answered or included.
- 6.4 The City reserves the discretion to group similar questions to provide a single answer or not to respond when the requested information is confidential.
- 6.5 The answers are not typically considered an addendum.
- 6.6 The city will not be responsible for unsuccessful submittal of questions.
- 6.7 Written answers to questions will be posted alongside these specifications at www.tacomapurchasing.org.

7 PRE-BID MEETING

No pre-proposal meeting will be held; however, questions and request for clarifications of the specifications may be submitted as stated in the [inquiries](#) section.

8 DISCLAIMER

The City is not liable for any costs incurred by the Respondent for the preparation of materials, or a proposal submitted in response to this RFB, for conducting any presentations to the City, or any other activities related to responding to this RFB, or to any subsequent requirements of the contract negotiation process.

9 RESPONSIVENESS

Bid submittals must provide ninety (90) days for acceptance by City from the due date for receipt of submittals. All submittals will be reviewed by the city to determine compliance with the requirements and instructions specified in this RFB. The Respondent is specifically notified that failure to comply with any part of this RFB may result in rejection of the submittal as non-responsive. The City reserves the right, in its sole discretion, to waive irregularities deemed immaterial. The City also reserves the right to not award a contract or to issue subsequent RFB's.

10 PRE-AWARD INSPECTION AND DEMONSTRATION

City of Tacoma reserves the right to request the exact make and model of the equipment to inspect and/or demonstrate prior to awarding to any bidder. If bidder is unable to provide an exact like model for inspection and demonstration, the bid may be deemed non-responsive. If the requested equipment will be custom fabricated, City of Tacoma reserves the right to request similar examples of equipment built by the company for inspection and demonstration.

Demonstration must be conducted within the City's requested timeframe after notification that such demonstration is required. Bidder shall conduct all demonstrations at City of Tacoma's Recovery and Transfer Center and is responsible for their costs associated with the demonstration.

Contractor will demonstrate the equipment's ability to move a loaded 53-foot trailer up the access road from the lower level of the transfer station to the upper level. The loaded container weight including trailer is approximately 80,000 lbs. The slope of the access road is approximately 15% at its steepest point. The equipment shall be able to satisfactorily pull the container and trailer from the bottom to the top of the hill and shall be able to stop and restart at any point on the hill. The preferred equipment will be able to maintain a stationary position with no braking, without rolling back on the slope (hill holding).

11 AWARD

Awardee shall be required to comply with 2 CFR part 25 and obtain a unique entity identifier and/or be registered in the federal System for Award Management as appropriate.

Award will be made to the lowest responsive, responsible bidder. All bidders shall provide unit or lump sum pricing for each line item. Each line item will be added up for a subtotal price. The subtotal price will be compared amongst each bidder, including any payment discount terms offered twenty (20) days or more. The city may also take into consideration all other criteria for determining award, including evaluation factors set forth in Municipal Code Section 1.06.262.

All other elements or factors, whether or not specifically provided for in this specification, which would affect the final cost to and the benefits to be derived by the City will be considered in determining the award of the contract. The final award decision will be based on the best interests of the city.

The City reserves the right to let the contract to the lowest responsible bidder whose bid will be the most advantageous to the City, price and any other factors considered. In evaluating the proposals, the city may also consider any or all of the following:

1. Compliance with specification.
2. Proposal prices listed separately if requested, as well as a lump sum total.
3. Time of completion/delivery.
4. Warranty terms.
5. Bidder's responsibility based on, but not limited to:
 - a) Ability, capacity, organization, technical qualifications and skill to perform the contract or provide the services required.
 - b) References, judgment, experience, efficiency and stability.
 - c) Whether the contract can be performed within the time specified.
 - d) Quality of performance of previous contracts or services

12 DELIVERY

Delivery shall be to the Solid Waste Management RTC, 3510 South Mullen St, Tacoma, WA 98409.

Delivery is requested to be no later than 180 days after placement of an order. If the bidder cannot meet the desired delivery, please indicate an alternate delivery schedule on the price proposal page as indicated. The City at its sole discretion, will accept or reject a proposed deliver schedule.

Each vendor will be required to submit a delivery timeline they can commit to. Purchase order delivery dates will reflect this timeline. In the event a purchase order deliver date is not met, the City reserves the right to purchase these products elsewhere if they are in a time constraint. If constant late deliveries occur, the City may terminate the contract.

Hours of operation shall be Monday through Friday, 8:00 a.m. to 3:00 p.m., excluding legal holidays, as referred to in the Standard Terms and Conditions or as otherwise approved by the City.

13 WARRANTY

Vendor will warrant goods according to the manufacturer's warranty guidelines. The start of the warranty commences once the goods are delivered and accepted by the city.

The Bidder warrants that the equipment under this Bid shall be free from defects in material and workmanship and shall conform to all requirements of this Bid, for a period of at least twelve (12) months from date of acceptance by the City.

The bidder shall provide, upon request by the City, their standard warranty. The warranty shall be specific for all components of the equipment regardless of whether these components were built by the original equipment manufacturer or outside suppliers. City of Tacoma may avail itself of the bidder or manufacturer's standard warranty if more beneficial to the city.

14 WARRANTY REMEDIES

Whenever possible, the Bidder shall provide "on the spot" settlement of warranty claims or disputes and authorize local representatives to act on the equipment manufacturer's behalf.

If at any time during the twelve (12) month period immediately following acceptance of any equipment covered by this Bid, Bidder or the City discovers one or more material defects or errors in the equipment or any other aspect materially fails to meet the provisions of the warranty requirements herein Bidder shall, at its own expense and within thirty (30) days of notification of the defect by the City, correct the defect, error, or nonconformity.

The City shall give written notice of any defect to the Bidder. If the Bidder has not corrected the defect within thirty (30) days after receiving the written notice, the City, in its sole discretion, may correct the defect itself. In the case of an emergency where the city believes delay could cause serious injury, loss or damage, the city may waive the written notice and correct the defect. In either case the City shall charge-back the cost for such warranty repair to the Bidder.

The Bidder is responsible for all costs of repair or replacement in order to restore the equipment to the applicable Bid requirements, including travel expenses, travel time, mileage, and shipping charges, for equipment found defective within the warranty period, regardless of who actually corrects the defect.

15 WARRANTY REPAIR COST

Vendor shall furnish the City of Tacoma no charge invoices for all work performed under the warranty described in these specifications. If the warranty repairs must be completed on the vendor's premises, the vendor shall be responsible for the cost of transporting the equipment to and from their facilities. Each no-charge invoice shall itemize parts used and show labor charges.

16 ACCEPTANCE INSPECTION

All materials and workmanship shall be subject to inspection and testing at all times and places, including inspection and testing after arrival at destination. In the event any articles are found to be defective in material or workmanship or otherwise not in conformity with the specification requirements, the City shall have the right to reject such articles or require their correction.

Payment for items or services prior to inspection shall not be construed to be an acceptance of unsatisfactory or defective items. Upon the return of any unsatisfactory or defective items, the supplier shall reimburse the City for any amounts paid by the City and any cost incurred by the city in connection with the return or such items.

17 GUARANTEE

The supplier and/or manufacturer of the supplies, materials and/or equipment furnished Pursuant to this Contract agrees to correct any defect or failure of the supplies, materials and/or equipment which occurs within one year from the date of commencement of use, however, said guarantee period shall not extend beyond eighteen months after date of receipt by the City.

When the supplier is not the manufacturer of the item of equipment, supplier agrees to be responsible for this guarantee and supplier is not relieved by a manufacturer's guarantee.

18 APPROVED ITEM EQUIVALENT

A specific manufacturer for almost all line items has been listed in the Technical Specifications because this is the current manufacturer accepted. For those line items, which do not list a specific manufacturer, bidders shall provide the technical specifications for the manufacturer they are offering. The City may request, after the bid due date, a sample of that product for review and approval by the City. The City reserves all rights to be the sole judge as to whether any other manufacturer can meet or exceed the current specifications they use. Unless an item is indicated "No Substitute", approved equivalents shall be submitted by the date listed in the Calendar of Events section. Equivalents will be approved by Addendum to the solicitation.

19 COMPLIANCE WITH SPECIFICATIONS

All products shall be new and unused. Any product that does not comply with any part of these technical specifications shall be rejected and the vendor shall, at its own expense, including shipping, replace the item.

20 MATERIALS AND WORKMANSHIP

The successful bidder shall be required to furnish all materials necessary to perform contractual requirements. Materials and workmanship for this contract shall conform to all codes, regulations and requirements for such specifications contained herein and the normal uses for which intended. Material shall be manufactured in accordance with the best commercial practices and standards for this type of goods. All literature and products must be packaged and labeled to sell in the United States.

21 PRICING

Bid price shall include delivery, FOB Destination and should include all other costs associated with completing each order. In the event of a discrepancy between the unit price and the extended price, the unit price will prevail. No additional cost of any kind may be added to bid prices unless pre-approved by the city.

Bid prices shall include delivery, FOB destination to the following location:

Solid Waste Management RTC
3510 South Mullen St
Tacoma, WA 98409

Exact quantities are unknown at this time, but it is anticipated that two (2) single axle yard tractor's will be ordered upon award. The city will neither be obligated to nor restricted by this quantity.

22 PRICE REVISIONS

During the life of this Bid Award, there may be a general published price change by the manufacturer. The Contractor may request price changes and shall supply documentation satisfactory to the city such as changes to the Producers Price Index for the commodity, the Consumer Price Index for the Seattle-Bellevue-Everett area, or a manufacturer's published notification of price change(s). Reasonable price changes based on market conditions and price/cost analysis may be approved by the City of Tacoma.

City of Tacoma will evaluate this information to determine if revising the pricing is considered fair and reasonable to the satisfaction of city. Requests for any such change are to be made in writing to the Buyer in the Purchasing Division office. A written change order issued by the City will institute the price adjustment, provide the new prices, and establish the effective date for the new prices.

The Contractor shall endeavor to give the city sixty (60) days written notice prior to the effective date of the price increase. No increases shall be allowed earlier than 180 calendar days from the date of Bid Award. The City may cancel the contract if the price increase request is not approved.

23 UPDATED PRODUCTS

During the contract term, if items on the contract are being replaced and updated by the manufacturer, the supplier may submit the manufacturer information, technical specifications and pricing to the City for consideration. The supplier shall provide this updated product information to the City as soon as it becomes available by the manufacturer. The city will work with Purchasing Division to review the information submitted and either accept or reject the product. If the replacement product is not approved, the vendor will be notified and the current item on the contract will be removed. Because of fixed pricing, the replacement item must be offered at the same price.

24 PRODUCT DISCONTINUED

During the contract term, if the supplier discontinues carrying any of the contracted items, they must notify the City and the Purchasing office within 30 calendar days. The City reserves the right to seek other suppliers to supply those items or purchase directly from the manufacturer or their designated distributor until the contract term ends.

25 DAMAGED GOODS

The vendor shall replace any orders that are damaged in transit. They will be notified by the city, and they must make arrangements to have damaged orders picked up within 48 hours' notice (excluding weekends and holidays). Vendor will pay all expenses incurred to ship damaged goods back to manufacturer or their own warehouse.

26 ADDITIONAL PRODUCTS

Bidders who can offer additional discounts for quantity breaks or volume purchases can submit that information on a separate sheet of paper and submit with their bid.

27 DEALER AUTHORIZATION

The Bidder, if other than the manufacturer, shall provide upon request a current, dated, and signed authorization from the manufacturer that the Bidder is an authorized distributor, dealer or service representative and is authorized to sell the manufacturer's products. Failure to provide manufacturer's authorization upon request may result in Bid rejection or contract termination.

28 VEHICLE DOCUMENTS

All necessary documents to confirm the purchase and ownership of the vehicle at time of delivery. This includes a "manufacturer's statement of origin" (MSO), invoice, Washington State title application and any warranty documentation.

The name and address on the title application shall be:

City of Tacoma
3510 South Mullen St.
Tacoma, WA 98409

29 VEHICLE DEALER LICENSING

Vehicle dealer licensing requirements: Bidder must possess a current vehicle dealer license issued pursuant to Chapter 46.70 RCW. By submission of a properly signed and completed bid, bidder certifies compliance with all provisions to above statute. The Bidder, upon request, shall provide a current, dated, and signed copy.

30 TRAINING FOR CITY STAFF

The successful bidder shall provide operational and service/repair/troubleshooting training at City's facility if requested. Training shall include, at a minimum, one full and complete classroom and field hands-on operational training session at a city transfer station (approximately 20 hours) as requested, covering all operating aspects of the tractor; and one full and complete classroom and hands-on technician training session at the City's facility (approximately 40 hours), on the maintenance, repair, and troubleshooting, of the tractor, including in-depth training on all systems, features, and functions

31 LIQUIDATED DAMAGES

If the vendor does not meet all terms of this contract by the delivery date stipulated in these specifications, the vendor shall pay the City not a penalty, but as liquidated damages, the amount equal to costs the City would pay to others as a result of the unavailability of equipment specified. The vendor agrees to pay a late delivery assessment for any delay in delivery exceeding 10 working days beyond the required delivery date indicated in the specifications and shown on the proposal sheet in the amount of \$100.00 USD per working day (Monday through Friday, excluding legal holidays). Any such late delivery assessments may be deducted for the invoice except for delays which are out of his/her or manufacturer's reasonable control, or due to act of god, fire, strikes, epidemics, war, riot, unavoidable material shortages, provided the city is notified in writing by the vendor of such pending or actual delay and the reasons, therefore. If deemed excusable, the City shall authorize an extension of time. In the event of such an excusable delay, the date of the delivery shall be extended for a period equal to the time lost due to the reason of delay. Any damage assessment or extensions of time are to be authorized by written purchase order changes issued by the City of Tacoma.

32 OTHER PUBLIC AGENCY ORDERS

The Washington State Interlocal Cooperative Act RCW 39.34 provides that other governmental agencies may purchase goods or services on this solicitation or bid in accordance with the terms and prices indicated therein if all parties agree. The City does not accept any responsibility or involvement in the purchase orders or Bids issued by other public agencies.

33 ENVIRONMENTALLY PREFERABLE PROCUREMENT

In accordance with the [City's Sustainable Procurement Policy](#) and [Climate Action Plan](#), it is the policy of the City of Tacoma to encourage the use of products or services that help to minimize the environmental and human health impacts of City Operations. Respondents are encouraged to incorporate environmentally preferable products or services that have a lesser or reduced

effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison may consider raw materials acquisition, products, manufacturing, packaging, distribution reuse, operation, maintenance or disposal of the product or service.

The City of Tacoma encourages the use of sustainability practices and desires any awarded contractor(s) to assist in efforts to address such factors when feasible for:

- Durability, reusability, or refillable
- Pollutant releases, especially persistent bio accumulative toxins (PBTs), low volatile organic compounds (VOCs), and air quality and stormwater impacts
- Toxicity of products used.
- Greenhouse gas emissions, including transportation of products and services, and embodied carbon.
- Recycled content
- Energy and water resource efficiency

APPENDIX A – EQUIPMENT TECHNICAL SPECIFICATIONS

The following section describes the City’s minimum technical specifications for equipment functionality, durability, serviceability, and economics. Bidders are required to enter a response to each Item in the “Check if as specified” column whether the product offered meets, exceeds, or deviates from the specifications. Bidder shall list all variances from the specifications that the bidder proposes. Any descriptions or additional information should be added to the column titled “Describe if not as specified or include additional information as requested”. Items offered that deviate from these specifications will be evaluated by the city for responsiveness on an individual basis.

Minimum Specifications Called For:		Check if As specified	Describe if not as specified or include additional information as requested
A. CHASSIS			
1	State manufacturer/model/year bid.		
2	This machine is required to move trailers to load and stage for transport. Requires hauling up to 53 foot trailers with a GCW of 100,000 pounds transported up a 15% grade, with a top speed of 20 M.P.H		
3	Wheel base 104" to 116".		
4	Minimum distance from back of cab to center of fifth wheel is 70".		
5	Ground clearance: 10" minimum. 11" preferred.		
B. FRAME			
1	Heavy duty welded steel frame, reinforced for extra strength, capable of hauling up to 100,000 repeatedly.		
2	All steps and walkways complete with non-slip gratings.		
3	Fenders, rear-belted with mud flaps on both sides of rear wheels and rear of front wheels.		
4	Bumper, heavy-duty formed steel channel design, bolted to frame.		
5	Tow hooks, front and rear two each.		
6	Trailer stops, located behind the cab.		
C. CAB			
1	Tall cab style required. Prefer 72" tall, Minimum of 69" tall.		
	State Cab Dimensions:		
2	Cab is to be constructed with a structural steel frame and a welded steel skin. Steel is required for durability and ease of repair.		
3	Prefer dual-sliding with latches on right side. Prefer wing window on both doors. Roll down or Power windows are preferred but sliding is acceptable. Please describe.		
4	Window "behind" driver's door to provide full visibility and eliminate blind spots		
5	Sliding rear door with window.		
6	Cab to be heat and noise insulated, including a floor mat and headliner.		
7	No sun roof.		
8	Windshield to be laminated safety glass. Side and rear glass to be tempered safety glass.		
9	Windshield and side windows should be clear with no tint. Prefer rear window to be tinted, clear is acceptable.		

Minimum Specifications Called For:		Check if As specified	Describe if not as specified or include additional information as requested
C. CAB (Continued)			
10	Fresh air, hot water heater with electric blower and defroster that covers entire windshield. No automatic climate control.		
11	Roof-top mounted air conditioner.		
12	Sun visor inside.		
13	Air Horn.		
14	Backup alarm required, self adjusting type preferred.		
15	Electrical variable speed front windshield wiper with electric windshield washer and intermittent feature.		
16	Driver's seat to be vinyl with arm rest, intermediate back, adjustable (min of 4 way) with air and lumbar support. State brand and model of seat. Retractable seat belt. Install a tee in air supply for seat, with a quick coupler, 8' coiled plastic hose with an OSHA approved air. nozzle to clean out cab. Heated driver seat preferred.		
17	LED Dome Lamp and fifth wheel Flood Lamp.		
18	The following instruments are the be mounted on dashboard with easy view of operator:		
a	a. speedometer		
b	b. Hour meter		
c	c. Odometer		
d	d. Oil pressure gauge		
e	e. Oil temperature gauge		
f	f. Ammeter or voltmeter gauges		
g	g. Water temperature gauge		
h	h. Fuel level gauge		
i	i. High beam indicator light		
j	J. Tow-turn indicator lights		
k	k. Air pressure gauges		
19	The following controls are to be mounted within easy access of the operator		

Minimum Specifications Called For:		Check if As specified	Describe if not as specified or include additional information as requested
C. CAB (Continued)			
a	a. Hand-operated trailer brake control		
b	b. Gear selector, on right side.		
c	c. Fifth wheel elevation, on right side.		
d	d. Fifth wheel release, on right side.		
e	e. Parking brake, specify type		
f	f. Steering wheel, titt options prefferable		
g	g. Heater fan and temperature controls. No automatic climate control.		
h	h. Windshield wiper and washer.		
i	i. Headlight and gauge illumination.		
j	j. LED Fifth wheel flood lamp and dome light. With separate control switches.		
k	k. Column mounted turn signal.		
l	l. Key or Fob with push to start options are acceptable. Must provide 3 fobs or keys at delivery.		
m	m. P.T.O. Switch, if applicable.		
n	n. Throttle kicker, if applicable (for use with P.T.O.) Electronic engine throttle control outside rear of cab. Disable switch inside of cab with neutral safety. Must include throttle limiter.		
20	Two (2) 12 volt accessory ports in cab, USB A or USB C ports preffered.		
21	The following warning devices shall be installed:		
	a. low air pressure buzzer.		
	b. High water temperature warning light and/or buzzer.		
	c. High torque converter temperature warning light.		
	d. Low oil pressure warning light.		
	e. Fifth wheel jaw lock warning light.		
22	Boarding assist grab handle on left side.		
23	Side step, legal width, left side.		
	State height of all steps:		
24	One ABC-type fire extinguisher, mounted outside of vehicle, five pounds.		
25	Dual west coast-type heated mirrors, 6"x16:, minimum sized, stainless steel hardware, mounts and arms. Motorized adjusting mirror both sides. Mirrors should be mounted at the same height on both sides.		
26	Radio AM/FM/without CD, Bluetooth capable, WB, USB and MP3 with two premium speakers.		

Minimum Specifications Called For:		Check if As specified	Describe if not as specified or include additional information as requested
C. CAB (Continued)			
27	CB Radio.		
28	Cab tilt, minimum 45 degree, hydraulic. Rubber cushioned cab pivots, automatic dual safety type cab latching with hydraulic release and lube fittings.		
29	Air Ride - Air spring insulated cab or equal. Describe system.		
30	Cup holder (optional)		
D. ENGINE			
1	Must meet current EPA emission standards and have a rated horsepower to be compatible with transmission and differential to accomplish load requirements. Cummins 6.7L or equivalent. State Manufacture, make and size bid.		
2	Single exhaust with appropriately sized muffler and vertical stack with curved end. Must be compliant with current EPA emissions standards. Specify exhaust levels of pollutants. Full perforated muffler shield mounted on right side preferred.		
3	Full flow-type oil filter with spin-on replaceable element.		
4	Dry type air filter with replaceable element		
5	Double-element full flow fuel filter system with replaceable elements and fuel water separator.		
6	Engine must be compatible with R99 renewable diesel		
E. TRANSMISSION			
1	Must be Allison 3500 series or equivalent. Must have neutral start to enable GCW of 100,000 pounds starting out on a grade of 15%. Reverse speed must be adequate for normal operation.		
2	Transmission oil cooler.		
3	Full flow integral screen type filter with replaceable element.		
4	Automatic back-up switch to activate back-up alarm and LED back-up lights.		
F. DRIVE SHAFT			
1	State manufacturer and model		
G. FRONT AXLE AND SUSPENSION			
1	Meritor FF961 12,000 pound minimum or equivalent		
2	Springs, semi-elliptic leaf, 12,000 pound minimum.		
3	Stemco oil seals or equal.		

Minimum Specifications Called For:		Check if as specified	Describe if not as specified or include additional information as requested
H. REAR AXLE AND SUSPENSION			
1	Planetary, rigid suspension.		
2	Eaton 30-590 (equivalent or better) with 42,000 lbs. terminal rating. 10.90.1 gear ratio (or comparable), rated for 100,000 GCW at 15% grade.		
I. STEERING			
1	Hydrostatic power steering.		
2	Turning loaded unit shall be accomplished without undue effort.		
	State Steering wheel size:		
J. BRAKES			
1	Front brakes minimum 15"x4" S cam, air.		
2	Rear brakes minimum 16"x7" S cam, air.		
3	Brake linings, asbestos free.		
4	Spring loaded parking brakes on rear axle, air release.		
5	Emergency brake shall be automatic application of parking brake.		
6	Compressor, minimum 18.7 CFM, water cooled Bendix/Westinghouse, or equal.		
7	Bendix AD-IP air dryer with heater or equal, be mounted between compressor and first tank.		
8	Two-tank reservoir system, with Bendix DV2, or equivalent, automatic moisture ejectors and manual drains, operator accessible.		
9	Color-coded air lines.		
10	Non-corrosive air and brake system valves and fittings.		
K. TRAILER			
1	Trailer brake system with Bendix/Westinghouse hand control or equal. Option for air and hydraulic break-away.		
2	Two color-coded coiled air lines with glad-hand receivers.		
3	Seven-wire coiled trailer light cable with plug.		
L. WHEELS AND TIRES			
1	Front tires, 11R22.5, Load Range H, tubeless. Prefer Bridgestone M863 Highway tread or comparable tread pattern		
2	Rear Tires, 315/80R22.5 Load range L. Duals, tubeless. Prefer Bridgestone M860A or comparable tread pattern.		

Minimum Specifications Called For:		Check if as specified	Describe if not as specified or include additional information as requested
M. FUEL TANK			
1	Tank to be 50-gallon, steel safety-type.		
N. COOLING SYSTEM			
1	Radiator to be bracketed to chassis and mounted on rubber shock pads.		
2	Prefer serpentine or fin-and tube-type radiator, core thickness 4 7/16", 5 rows of 3/4" tubes and a minimum of seven fins per inch. Or equivalent performing radiator.		
3	Self-cleaning cooling system. Variable pitch fan, six blade with shroud, Flexxair or equal.		
4	All radiator and heater hoses are to be Gates, minimum 4 ply, silicone rubber or equivalent.		
O. ELECTRICAL SYSTEM			
1	LED beacon (Amber) safety lamp, or equivalent, mounted on top of cab. Two white LED beacon light, or equivalent, mounted on outboard ends of front bumper		
2	All lights installed to conform to the State of Washington requirements for this class of vehicle, including ICC lights and side marker lights.		
3	Parking lamps, stop & turn indicator lamps, working area floodlight, rear tail and backup lamps to be LED.		
4	All wiring to be color coded in separate removable harnesses to key system segments.		
5	Tail and marker lights to black wire, reverse to brown, and terminal block upstream.		
6	Alternator, minimum 100-amp, with integral transistorized regulator.		
7	12-volt system with positive engagement starter and two (2) 30H 12 volt batteries minimum 1150 CCA each.		
8	Small circulating fan, mounted next to windshield in cab.		
9	Battery disconnect & jumper terminals.		
P. PAINT			
1	Cab, painted white.		
2	Frame and wheels, black, painted or powder coated.		

Minimum Specifications Called For:		Check if as specified	Describe if not as specified or include additional information as requested
Q. FIFTH WHEEL AND BOOM ASSEMBLY			
1	Fifth wheel rigid mounted to lift boom.		
2	36" diameter Holland fifth wheel for 2" diameter king pins.		
3	Cab controlled air unlatch and automatic re-latch locking		
4	Heavy duty 5" dual hydraulic lift cylinders, double-acting, with self-aligning replaceable cylinder bushings		
5	Heavy duty 5" wheel boom pivot bushings, self-aligning and greaseable.		
6	Lifting height of 16"		
7	Lifting capacity minimum 80,000 pounds		
8	Cycle time for raising the fifth wheel to full extension without a load should be 4.5 seconds or less. Time to lower should be 5.3 seconds or less.		
R. HYDRAULIC WET-KIT SYSTEM			
1	Unit will have hydraulic components to operate fifth-wheel lift and walking floor transfer trailers.		
2	P.T.O designed to accommodate hydraulic pump. Electrically-controlled PTO from inside cab by switch with overspeed PTO protection device.		
3	Hydraulic pump, gear driven, appropriately sized to move trailer walking floor with 2 inch/four bolt suction port. Output up to 50gpm. <u>State engine RPM and how it is accomplished.</u>		
4	System will have a minimum 50-gallon reservoir with sight and temperature gauge.		
5	A Gresen Relief, used to protect the pump, installed between pump and selector valve.		
6	Hydraulic control inside cab to switch from fifth wheel to trailer floor operation to be air operated with switch in cab.		
7	1" pressure line and return line with pressure gauge mounted outside of the cab. Exact location to be determined.		

Minimum Specifications Called For:		Check if as specified	Describe if not as specified or include additional information as requested
S. SAFETY			
1	Furnish and install in cab, five lbs. ABC fire extinguisher.		
2	Furnish and install triangle reflector kit with storage box in cab.		
3	Furnish and install a DOT required first aid kit in cab.		
	Intentionally left blank		
T. MANUALS - One complete set of manuals for total order			
1	Operator's Manual. Giving full and complete information and instruction on operation of the vehicle. Prefer digital.		
2	Factory Brochures with images, diagrams and options. Prefer digital.		
3	Service Manual. Giving detailed instructions for the maintenance and repair/major overhaul of all components of the vehicle, including electrical and pneumatic diagrams (schematics and actual) with proper identification in the relationship to the "as built" condition of the vehicle, including preventative maintenance schedules and procedures for components subject to heavy wear. Prefer digital.		
4	Parts List. To identify all vehicle components, including all purchased items. This identification shall be by nomenclature and description exploded view drawing related to the vehicle manufacturer's part number. A cross-referenced chart indicating the O.E.M part number or in case of standard available items, the size, type, style, etc. to be furnished. Prefer digital.		
U. WARRANTY			
1	State Warranty (not less than one (1) year from the date of final acceptance by the City)		
2	Warranty certificate and documentation.		
V. OPTIONS			
1	Air ride, air insulated mounted cab.		
2	Rear axle suspension.		
3	Digital catalog for parts, if available		
4	Digital maintenance manual for chassis, if available.		
5	Digital maintenance manual for body, if available.		
6	Prefer option for second brake pedal on left side of steering column.		

Bidder: _____

SINGLE AXLE YARD TRACTORS
ES24-0152N

Minimum Specifications Called For:		Check if as specified	Describe if not as specified or include additional information as requested
X. DELIVERY REQUIREMENTS			
1	Delivery receipt and invoice.		
2	Pre-delivery inspection report.		
3	Manufacturer's Statement of Origin (MSO)		
4	State of Washington Vehicle Title Application		

APPENDIX B – SUBMITTAL DOCUMENTS

Signature Page

Price Proposal Form

Record of Prior Contracts

Statement of Qualifications

SIGNATURE PAGE

**CITY OF TACOMA
ENVIRONMENTAL SERVICES, SOLID WASTE MANAGEMENT DIVISION**

All submittals must be in ink or typewritten, executed by a duly authorized officer or representative of the bidding/proposing entity, and received and time stamped as directed in the **Request for Bid page near the beginning of the specification**. If the bidder/proposer is a subsidiary or doing business on behalf of another entity, so state, and provide the firm name under which business is hereby transacted.

**REQUEST FOR BID SPECIFICATION NO. ES24-0152N
SINGLE AXLE YARD TRACTOR**

The undersigned bidder/proposer hereby agrees to execute the proposed contract and furnish all materials, labor, tools, equipment and all other facilities and services in accordance with these specifications.

The bidder/proposer agrees, by submitting a bid/proposal under these specifications, that in the event any litigation should arise concerning the submission of bids/proposals or the award of contract under this specification, Request for Bids, Request for Proposals or Request for Qualifications, the venue of such action or litigation shall be in the Superior Court of the State of Washington, in and for the County of Pierce.

Non-Collusion Declaration

The undersigned bidder/proposer hereby certifies under penalty of perjury that this bid/proposal is genuine and not a sham or collusive bid/proposal, or made in the interests or on behalf of any person or entity not herein named; and that said bidder/proposer has not directly or indirectly induced or solicited any contractor or supplier on the above work to put in a sham bid/proposal or any person or entity to refrain from submitting a bid/proposal; and that said bidder/proposer has not, in any manner, sought by collusion to secure to itself an advantage over any other contractor(s) or person(s).

Bidder/Proposer's Registered Name

Signature of Person Authorized to Enter Date
into Contracts for Bidder/Proposer

Address

Printed Name and Title

City, State, Zip

(Area Code) Telephone Number / Fax Number

Authorized Signatory E-Mail Address

State Business License Number
in WA, also known as UBI (Unified Business Identifier) Number

E.I.No. / Federal Social Security Number Used on Quarterly
Federal Tax Return, U.S. Treasury Dept. Form 941

State Contractor's License Number
(See Ch. 18.27, R.C.W.)

E-Mail Address for Communications

Addendum acknowledgement #1 _____ #2 _____ #3 _____ #4 _____ #5 _____

THIS PAGE MUST BE SIGNED AND RETURNED WITH SUBMITTAL.

Price Proposal
Specification No. ES24-0152N

Vendor Name: _____

Bidder agrees to furnish the following FOB Destination freight prepaid and allowed, City of Tacoma, Recovery & Transfer Center, 3510 South Mullen St. Tacoma, WA 98409.

Enter the cost (Unit Price) for each item below. The unit price and total cost must be shown in the spaced provided. Total cost shall be determined by multiplying the unit price by the estimated quantity (Quantity). Unit costs shall be all-inclusive and include all components needed for the delivery of the goods and services as described in this solicitation.

Base Bid

Item #	Estimated Qty	Description	Unit Price	Total Cost
1.	2	2024, or newer model year Diesel Yard Tractor. Reference Appendix A for Specifications. Manufacturer : Model Number:	\$	\$
For evaluation purposes, sales tax is not included. Taxes shall be billed on all invoices.			\$	\$

Standard payment terms: Net 30.

Prompt payment discount ____% ____ days.

RECORD OF PRIOR CONTRACTS

NAME _____ **ADDRESS** _____

Type of Work _____ **Specification No.** ES24-0152N

Beginning Date	Completion Date	Contract With	Contact Person Phone #	Amount of Contract

Remarks: _____

**STATEMENT OF QUALIFICATIONS FOR
Single Axle Yard Tractor
Specification ES24-0152N**

This form shall be completed in its entirety and submitted with the bid package.

Failure to submit and meet the requirements of the Specifications may be grounds for rejection of the Bid. The City of Tacoma shall be the sole judge in determining if the prospective bidder meets the minimum experience requirements.

Summarize your qualifications in detail, highlighting your ability to perform the services outlined in this specification. Include the minimum requirements listed in items 1.1 and 1.2. If you need more space, feel free to submit additional pages.
