



**REQUEST FOR PROPOSAL**  
**FOR SUPPLY AND DELIVERY OF**  
**ONE TANDEM AXLE ROLL-OFF TRUCK**  
**RFP ES-007-17**  
**MARCH 17, 2017**

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## 1.0 DEFINITIONS

**“Bings Creek”** means the CVRD Bings Creek Recycling Centre located at 3900 Drinkwater Road, Duncan, BC.

**“CVRD”** means the Cowichan Valley Regional District.

**“CVRD Manager”** means the Manager of the Recycling & Waste Management Division.

**“Proponent”** means any person or company that submits a proposal under this Request for Proposal.

**“Response”** means the proposal submitted by the Proponent.

**“RFP”** means Request for Proposal.

## 2.0 SUBMISSION DETAILS

### 2.1 Deadline

All submissions in response to this request must be submitted on paper and delivered **NO LATER THAN:**

**2:00:00 O’CLOCK PM PST**

**WEDNESDAY, APRIL 5, 2017**

Responses received after the specified closing time will not be considered.

### 2.2 Delivery Address

The delivery address to be used for all submissions is:

Tauseef Waraich, Manager  
Recycling & Waste Management  
Engineering Services  
Cowichan Valley Regional District  
175 Ingram Street  
DUNCAN, BC V9L 1N8

Time will be determined in accordance with the time clock adjacent to the front counter of the CVRD, 175 Ingram Street, Duncan, British Columbia.

Proponents are responsible for the actual delivery of their Responses to the address and location listed above and Responses will not be considered unless actually received at that location prior to the closing date and time regardless of whether the Responses have been given to couriers, delivery services, Canada Post or employees or agents of the region.

Responses submitted electronically or by fax will not be considered.

## 2.3 Form of Submission

The Response package must be submitted in accordance with Section 4.4 – *Submission Requirements* of this document.

## 2.4 Clarifications, Questions and Inquiries

Any questions regarding this RFP may be submitted via email to the CVRD Manager using the contact information below:

Tauseef Waraich, Manager  
Recycling & Waste Management  
Engineering Services  
[es@cvrld.bc.ca](mailto:es@cvrld.bc.ca)

During the competitive bid process, Proponents are cautioned not to contact employees of the CVRD concerning this RFP, other than the person named in this document. If any Proponent is found to be in communication with persons other than the persons named in this document, it may result in the CVRD disqualifying the Proponent's bid and/or any future bids from consideration. No information given verbally by the CVRD or by means of telephone will be binding nor will it be construed as to change the requirements of this RFP in any way.

## 2.5 End of Inquiry Period

Questions and inquiries, both verbal and written, will be accepted from any and all Proponents intending to respond to this RFP, provided, however, that all questions are received no later than **one (1) week** prior to the closing date.

Answers will be made available as an addendum to this RFP and will be issued after the close of the inquiry period. Answers will be posted on the BC Bid website at **[www.bcbid.gov.bc.ca](http://www.bcbid.gov.bc.ca)** as well as on the CVRD website at [www.cvrld.bc.ca/1486/Tenders-RFPs](http://www.cvrld.bc.ca/1486/Tenders-RFPs).

## 3.0 INTRODUCTION

The CVRD invites qualified and experienced Proponents to respond to this RFP for the supply and delivery of one (1) new (not previously owned or leased) tandem axle roll-off truck equipped with a hook lift system.

The Response must be submitted in the prescribed format. If requested, the Proponent must be prepared to meet with CVRD to review their submission.

The intent of Section 4.0 - *Terms of Reference* (below) and Appendix A are to describe the desired minimum specifications for the goods received.

The CVRD intends to purchase goods from the Proponent whose Response, in the sole judgment of the CVRD, most effectively meets the requirements of this RFP, and offers the best overall benefit to the CVRD.

### 3.1 Competition Intended

The CVRD's intent in this RFP is to permit competition. It shall be the Proponent's responsibility to advise the CVRD Manager in writing if any language, requirement, specification or any combination thereof,

inadvertently restricts or limits the requirements stated in the RFP. Such notification must be received by the CVRD Manager **no later than one (1) week prior to the closing date.**

## **4.0 TERMS OF REFERENCE**

### **4.1 Summary**

The purpose of this RFP is to obtain proposals for the supply and delivery of one (1) new tandem axle roll-off truck equipped with a hook lift system to 3900 Drinkwater Road, Duncan, BC, V9L 2C1.

### **4.2 Background**

The CVRD provides waste management services for the region including operation of:

1. Bings Creek Recycling Centre located at 3900 Drinkwater Road, Duncan;
2. Peerless Road Recycling Centre located at 10830 Westdowne Road, Ladysmith; and,
3. Meade Creek Recycling Centre at located at 8855 Youbou Road, Lake Cowichan.

The roll-off truck is one of the primary pieces of equipment in the CVRD waste management system and is used daily for transportation of recyclables organics, and waste materials.

### **4.3 Objectives & Scope of Work**

The objective of this service is to supply and deliver one (1) new tandem axle roll-off truck to Bings Creek.

### **4.4 Submission Requirements**

The CVRD discourages overly lengthy and costly Responses; however, in order for the CVRD to evaluate submissions fairly and completely, Proponents should follow the format set out herein and provide all of the information requested. Proponents are encouraged to provide further details that may demonstrate the excellence of their submission.

The Proponent must, at a minimum, submit a Response package containing the following:

1. **A fully completed Appendix A.** The Proposal Pricing Form must be submitted in a separate sealed envelope within the Response package); and,
2. **One (1) cover letter** briefly summarizing the Proponent's understanding of this RFP and the CVRD's requirements. The cover letter must be on corporate letterhead, duly signed and sealed by an authorized official and enclosed in a sealed envelope.

The Response package must be clearly marked with:

1. "RFP ES-007-17, SUPPLY AND DELIVERY OF ONE TANDEM AXLE ROLL-OFF TRUCK"
2. Proponent's name and contact information on the front of the package.

### **4.5 Payload, Engine, Transmission, Hook Lift, Tarping System, Warranty, Sustainability and Price**

The roll-off truck must be a new (current-production) model meeting the highest available emission standards and the specifications set out in Appendix A. Where the required specifications are defined in

Appendix A, they represent the minimum requirements for the equipment to be offered. In addition to filling out and submitting Appendix A, please expand on the following points as they comprise the basis for the evaluation.

Please demonstrate and provide the following details:

1. **Payload** - a description of the maximum payload tonnage available;
2. **Engine and Transmission** - a description of the engine and transmission pre-air intake cleaner, horsepower, torque and center-console shifter;
3. **Hook Lift and Tarping System** - a description of the hook lift and tarping system;
4. **Service Location** - a description of the nearest truck service location including the distance from Bings Creek (kilometres one way);
5. **Warranty** - a description of the warranty for the truck and components;
6. **Sustainability** - a description of the emission standards and fuel type, including compatibility with biodiesel use and the maximum blend of biodiesel;
7. **Options** - a description of any extra options (see Appendix A). Note that the CVRD is looking for quality components (e.g. premium tires, disc brakes, suspension, etc.); and,
8. **Price** - a description of the total all-inclusive price for the truck and required components, including delivery to Bings Creek. Responses must provide the details for determining the cost to the CVRD, according to Appendix A. The CVRD is required to pay the Good and Services Tax (GST). This tax must be shown separately and is **not to be included in the unit price** or the subtotal prices. Any Provincial Sales Tax (PST), if applicable, must also be shown separately from the unit prices or subtotal prices.

## 5.0 GENERAL INFORMATION

### 5.1 Award

The award will be based upon the Proponent that can provide the goods required at a reasonable cost, while having the greatest overall benefit to the CVRD. Price shall be considered, but need not be the sole determining factor. Acceptance of any Response shall be by purchase order on CVRD forms.

### 5.2 Schedule

The CVRD reserves the right to revise the dates in this request or to cancel this RFP without penalty or cost to the CVRD.

Event	Date
Release of RFP	<b>Friday, March 17, 2017</b>
End of Question Period	One week prior to closing
RFP Closing	No Later Than <b>2:00:00 o'clock PM PST on Wednesday, April 5, 2017</b>

The CVRD reserves the right to modify specified target dates and to reject any or all submissions or to cancel or withdraw the RFP for any reason without incurring any cost or liability for costs and damages

incurred by any Proponent, including, without limitations, any expenses incurred in the preparation of the submission.

### **5.3 Pricing**

The lowest or any Response will not necessarily be accepted and the CVRD reserves the right to accept any portion thereof.

Proponents will be fully responsible for the validity and accuracy of all costs and rates identified in their Responses to this RFP. Quoted prices/rates shall remain firm for the duration of one hundred and twenty (120) days.

### **5.4 Acceptance Period**

All Response will be irrevocable, valid and open after the date and time of opening and are to remain open for acceptance for a period of one hundred and twenty (120) days.

### **5.5 Proponent Contact**

Please name one (1) representative for all communication concerning this RFP process.

### **5.6 Supplemental Information**

Subsequent to the formal closing of the RFP, the CVRD may request additional information about the Proponent's Response by email to the Proponent's contact. The Proponent will provide a signed written response. The CVRD may require interviews to clarify a Proponent Response.

### **5.7 Proponent Incurred Costs**

All costs incurred in the preparation and presentation of the RFP shall be wholly absorbed by the Proponent. All supporting documentation, details and manuals submitted with the Proposals shall become the property of the CVRD. Proponents are advised that the information provided in this Proposal shall be at their own expense for all costs related to the submission of the RFP.

### **5.8 Third Party Proponent**

Proponents must disclose the use of any third party Proponent.

### **5.9 Freedom of Information**

All information obtained by the Proponent in connection with this RFP is the property of the CVRD and shall be treated as confidential and not used for any purpose other than for replying to this RFP and for fulfillment of any subsequent contract. Proponents may declare confidentiality of their RFP Response; however, the CVRD is required to adhere to the requirements of the Freedom of Information and Protection of Privacy Act, as amended.

### **5.10 Evaluation**

Following the close of the RFP, all Responses will be evaluated by a committee of staff members (the Proposal Analysis Group). Selection of the successful Proponent will be based on the Proponent providing the greatest overall benefit to the CVRD and will include the Proponent's compliance in meeting the requirements set out in this RFP.

### ***Step One Evaluation – Review of Written Proposals***

The Proposal Analysis Group will read, review and evaluate each Response on the basis of the evaluation criteria and as depicted on the evaluation scoring sheet contained within this RFP. In submitting a Response, each Proponent agrees to be bound by the evaluation of the Proposal Analysis Group. Scores shall be from 0 to 10 points in each of the evaluation criteria listed. The criteria point score shall be multiplied by the weight factor to obtain a criteria score. Criteria scores shall be totaled for the Proponent's 'Total Awarded Score'.

### ***Step Two Evaluation – Review of Cost***

Once a Proponent's written Response has been reviewed and scored, the sealed (and separate) Proposal Pricing Form envelope will be opened and evaluated for price by calculating the Price per Point. Price per Point shall be calculated as follows: Total Price (as calculated on the Cost Proposal) divided by the Total Awarded Score.

Upon completion of Step Two Evaluation, the Proposal Analysis Group will determine if *Step Three - Presentations* will be required in order to determine the preferred Proponent.

### ***Step Three – Presentation***

In addition to reviewing the written RFP, the evaluation process may include a formal interview with one or more of the Proponents involved in the RFP to allow the CVRD team to verify the capability and resources of the Proponent.

The CVRD, at its sole discretion, may negotiate any aspect of any RFP with one or more of the Proponents at any time. Negotiations with any Proponent shall not oblige the CVRD to purchase goods or enter into an agreement with any Proponent or be construed as an acceptance of the Response. All negotiations shall be in writing, in a form satisfactory for inclusion into any future agreement.

All costs associated with the preparation of the Response will be the responsibility of the Proponent and will not be recoverable from the CVRD.

All Responses shall become the property of the CVRD.

## **5.11 Errors and Omissions**

It shall be understood and acknowledged that while this Proposal includes basic specifications, minor items or details not herein specified, but obviously required, shall be provided as if specified in conformance with modern practices and workmanship. Any omissions or errors or misinterpretation of these requirements and/or specifications or within the response shall not relieve the Proponent of the responsibility of providing the goods as aforesaid.

## **5.12 Non-collusion**

A Proponent shall not discuss or communicate, directly or indirectly, with any other Proponent or their agent or representative about the preparation of their Responses. Each Proponent shall attest that its participation in the RFP process is conducted without collusion or fraud. If the CVRD discovers there has been a breach of this requirement at any time, the CVRD reserves the right to disqualify the Proponent and the Response or to terminate any ensuing purchase of goods or agreement.

## **5.13 Conflict of Interest**

All Proponents shall disclose to the CVRD any potential conflict of interest. If such conflict of interest does exist, the CVRD may, at its discretion, withhold the award. If during the Proposal evaluation process or the negotiation of the purchase of goods or agreement, the Proponent is retained by another client giving rise



to a potential conflict of interest, then the Proponent will refuse the new assignment or will take such steps as are necessary to remove the conflict of interest.

#### **5.14 Intent of Award**

The CVRD reserves the right to select the successful Proponent and Response based on the following considerations:

- a) Is the intention of the Proponent clear from the Response documents?
- b) Has the Proponent made a conscientious attempt to comply with the requirements?
- c) Are the best interests of the CVRD being served?

#### **5.15 Litigation**

The CVRD reserves the right to reject any bids received from a company that is, or whose principals are, at the time of bidding, engaged in a lawsuit or other legal proceeding against the CVRD, or who has given notice to the CVRD of its intent to commence litigation or other legal proceedings against the CVRD.

#### **5.16 Limited Submissions Received**

In the event that the CVRD receives less than three (3) Responses, the CVRD, at its sole discretion, reserves the right not to proceed with the opening of the submissions and may delay or change the closing date and may cancel the process as it deems appropriate.

#### **5.17 Proponent's Responsibility**

The Proponent shall carefully examine all RFP documents to determine the extent of the work. By submitting a Response, the Proponent acknowledges the extent and character of the work required and the conditions surrounding the performance thereof. The CVRD will not be responsible for any alleged misunderstanding of the work to be furnished or completed, or any misunderstanding of conditions surrounding the performance thereof. It is understood that submission of a Response by the Proponent serves as a stated commitment to fulfill all of the conditions referred to in this RFP.

#### **5.18 Taxation**

The CVRD is required to pay the Goods and Services Tax (GST). This tax must be shown separately and is not to be included in the unit prices or subtotal prices. Any Provincial Sales Tax (PST), or any other applicable tax, must also be shown separately from the unit prices or subtotal prices.

#### **5.19 Addenda**

During the RFP period, Proponents may be advised by addenda of required additions to, deletions from or alterations to the requirements of the RFP. Addenda shall become part of the RFP. Proponents shall include the cost implications of all addenda in the base price. The requirements of all addenda issued during the bidding period shall be included in the Response. The onus is on the Proponent to ensure they have received all addenda issued.

## 6.0 EVALUATION SCORING SHEET

Proponent: \_\_\_\_\_

Criterion	Maximum Points	Weight Factor	Independent Review Points x Weight = Score
<b>1. Payload</b>	1 2 3 4 5 6 7 8 9 10	10	
<i>Comments:</i>			
<b>2. Engine and Transmission</b>	1 2 3 4 5 6 7 8 9 10	10	
<i>Comments:</i>			
<b>3. Hook Lift and Tarping System</b>	1 2 3 4 5 6 7 8 9 10	5	
<i>Comments:</i>			
<b>4. Service Location</b>	1 2 3 4 5 6 7 8 9 10	10	
<i>Comments:</i>			
<b>5. Warranty</b>	1 2 3 4 5 6 7 8 9 10	5	
<i>Comments:</i>			
<b>6. Sustainability</b>	1 2 3 4 5 6 7 8 9 10	5	
<i>Comments:</i>			
<b>7. Options</b>	1 2 3 4 5 6 7 8 9 10	5	
<i>Comments:</i>			
<b>8. Price</b>		50	
<i>Comments:</i>			
<b>Total Awarded Score</b>		<b>100</b>	
<b>Proposal Cost</b>			\$ _____
<b>Cost Per Point</b> (Proposal Cost divided by Total Score)			\$ _____

**Instructions to Evaluator:** Complete a separate evaluation form for each submission reviewed. Each criterion must be assigned a score unless you are instructed otherwise on the form. Make additional notes in the comments section for reference and discussion during meetings of the full evaluation panel.

The point values entered above reflect my best independent judgement of the merits of the identified Proponent's proposal.

Committee Member (please print): \_\_\_\_\_ Dept.: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## 7.0 EVALUATION TABLE

RATING		DESCRIPTION
10	Excellent	Exceeds the requirements of the criterion in superlative beneficial ways / very desirable.
9	Very Good	Exceeds the requirements of the criterion in ways which are beneficial to the CVRD's needs.
8	Good	Exceeds the requirements of the criterion but in a manner which is not particularly beneficial to the CVRD's needs.
7	Good	Fully meets all requirements of the criterion.
6	Average	Adequately meets most of the requirements of the criterion. May be lacking in some areas which are not critical.
5	Average	Addresses most, but not all, of the requirements of the criterion to the minimum acceptable level. May be lacking in some areas which are not critical.
4	Poor	Barely meets most of the requirements of the criterion to the minimum acceptable level. May be lacking in some areas which are not critical.
3	Very Poor	Poor to very poor.
2	Very Poor	Minimally addresses some, but not all, of the requirements of the criterion. Lacking in critical areas.
1	Unsatisfactory	Very poor to unsatisfactory.
0	Unsatisfactory	Does not satisfy the requirements of the criterion in any manner.

**8.0 APPENDIX A – DOCUMENTS FOR SUBMISSION**

**1. Identification Sheet.....Page 13**

**2. Acknowledgement of RFP Documents Received by Proponent .....Page 14**

**3. Proposal Pricing Form .....Page 15**

**4. Specifications .....Page 16**

(TO BE RETURNED WITH PROPOSAL)



**COWICHAN VALLEY REGIONAL DISTRICT**

**IDENTIFICATION SHEET**

**REQUEST FOR PROPOSAL NO. ES-007-17**

**FOR THE SUPPLY AND DELIVERY OF  
ONE TANDEM AXLE ROLL-OFF TRUCK**

NAME OF FIRM OR INDIVIDUAL (THE PROPONENT)	
ADDRESS	POSTAL CODE
TELEPHONE NO.	FAX NO.
NAME OF PERSON SIGNING FOR FIRM	
OFFICE OF PERSON SIGNING FOR FIRM	

\_\_\_\_\_  
MANAGER

\_\_\_\_\_  
DIRECTOR / MANAGER

DEPARTMENT: \_\_\_\_\_

**COWICHAN VALLEY REGIONAL DISTRICT**  
**175 INGRAM STREET**  
**DUNCAN BC V9L 1N8**  
[www.cvrld.bc.ca](http://www.cvrld.bc.ca)

(TO BE RETURNED WITH PROPOSAL)

## ACKNOWLEDGEMENT OF RFP DOCUMENTS RECEIVED BY PROPONENT

Definitions	Page 3
Submission Details	Pages 3-4
Introduction	Page 4-5
Terms of Reference	Pages 5-6
General Information	Pages 6-9
Evaluation Scoring Sheet	Page 10
Evaluation Table	Page 11
Identification Sheet	Page 13
Acknowledgement of RFP Documents Received by Proponent	Page 14
Proposal Pricing Form	Page 15
Specifications	Page 16-23
<b>INCLUDING ALL ADDENDA ISSUED</b>	

### **SUBMISSION OF PROPOSAL:**

Your proposal must be made on this form and returned sealed in an enclosed envelope **NO LATER THAN:**

**2:00:00 O'CLOCK PM PST**

**WEDNESDAY, APRIL 5, 2017**

addressed to: Engineering Services  
Cowichan Valley Regional District  
175 Ingram Street  
DUNCAN BC V9L 1N8

Time will be determined in accordance with the time clock adjacent to the front counter of the Cowichan Valley Regional District, 175 Ingram Street, Duncan, BC.

Each Proponent is responsible for the actual delivery of its response to the address and location listed above and Responses will not be considered unless actually received at that location prior to the closing time on the closing date regardless of whether the Responses have been given to couriers, delivery services, Canada Post or employees or agents of the Region.

Responses received after the closing time on the closing date will not be considered and will be returned unopened to the Sender. Responses submitted electronically or by fax will not be considered.

The lowest fee rates or any Response will not necessarily be accepted and the CVRD reserves the right to accept any portion thereof.

I/we, the undersigned, hereby acknowledge and confirm, on behalf of \_\_\_\_\_  
\_\_\_\_\_ that I/we have received and have carefully read through all  
such documents and have provided for compliance with the provisions in this RFP.

**SIGNATURE** \_\_\_\_\_ **PRINT NAME** \_\_\_\_\_

**POSITION IN FIRM** \_\_\_\_\_ **DATE** \_\_\_\_\_

(TO BE RETURNED WITH PROPOSAL IN A SEPARATE SEALED ENVELOPE)

## PROPOSAL PRICING FORM

To supply and deliver one (1) new (not previously owned or leased) tandem axle roll-off truck to Bings Creek. The price shall including any environmental levy for battery, air conditioning and other levies, fees, disbursement or taxes, all in accordance with this document. **There are to be no additional costs.** All prices to be in Canadian funds.

The lowest or any Responses will not necessarily be accepted and the CVRD reserves the right to accept any portion thereof. The CVRD reserves the right to cancel the award without penalty, at the sole discretion of the CVRD.

DESCRIPTION		QUANTITY & UNIT OF ISSUE	UNIT PRICE	EXTENDED PRICE, EXCL. TAXES
1	Supply of one (1) tandem axle roll-off truck as per specifications	1 ea		
2	Deliver one (1) tandem axle roll-off truck to Bings Creek as per specifications	1 ea		
3	Hook Lift	1 ea		
4	Auto Tarper System	1 ea		
5	Environmental levy for battery	1 ea		
6	Environmental levy for air conditioning	1 ea		
7	Other levies or fees (please identify)_____	1 ea		
8	Additional Warranty (specify)_____			
Total Quotation Price, Excluding Taxes				\$
9	GST (if applicable)			
10	PST (if applicable)			
11	Other (specify)			
Total Quotation Price, Including Taxes				\$
Please confirm that, if you are identified as the preferred bidder, you are committed to holding the goods / service unsold for 120 days?			YES / NO (circle one)	
Is the equipment coming from the factory or is it on your lot?				
Is the equipment available for a one (1) day trial to ensure suitability?			YES / NO (circle one)	
Guaranteed delivery time from receipt of purchase order			_____ days	

(TO BE RETURNED WITH PROPOSAL)

## SPECIFICATIONS

Specifications for one (1) new (not previously owned or leased) tandem axle roll-off truck:

A	B	C	D
<b>Question No.</b>	<b>The roll-off truck must comply with government regulations and requirements</b> (Federal Government Motor Vehicle Safety Act, BC Motor Vehicle Act, and BC Work Safe Regulations)	<b>Clarify if the equipment complies with the requested specifications listed under column B. If specifications are not indicated, please state the specifications of the equipment offered.</b>	<b>If equipment does not comply with the requested specifications under column B, please indicate the Manufacturer's specifications of the equipment offered.</b> (Use separate piece of paper if required and reference the question's number in Column A)
<b>GENERAL</b>			
1	Make (specify):		
2	Model (specify):		
3	Year (specify):		
4	Colour - white conventional cab		
<b>Equipped with:</b>			
5	50,000 lb rated hook lift system with cab and exterior controls		
6	Allison automatic transmission 4500 RDS		
7	GVWR (specify):		
8	Tare (specify):		
9	Maximum payload when empty (specify):		
10	Number of axles (specify):		
11	Make and model of cab and chassis (specify):		
12	Maintenance software package (specify):		
13	Roadking GPS-equipped (specify):		
<b>LIGHTS</b>			
14	LED marker lights		
15	Extra set LED drive lights		
16	High intensity headlights with high power quartz halogen bulbs and automatic daytime operational lights that activate tail lights		
17	Switch indicator light and 10 feet of wire at back of cab for back up lights		
18	Full instrument panel lights		
19	Cab dome light – left & right hand reading lights		
20	Map lights – large illuminated switches		



21	Work lights including rear of cab work lights and back up lights		
22	LED turning board lights		
<b>ENGINE &amp; TRANSMISSION</b>			
<b>Engine Make and Model (specify):</b>			
23	Meets current EPA emission standards (specify emission system):		
24	Minimum 450 HP and torque (specify):		
25	Fuel tank size and def tank size (specify):		
26	Electronic engine control		
27	Groenvelde automatic greasing system		
28	Jacobs brake, able to handle 85% of braking needs		
29	Cab-selected anti-idling control		
30	Cruise throttle control		
31	Individual water separator filter with replaceable element with water in fuel indicator		
32	Magnetic drain plugs		
33	Automatic air fan control		
34	Cab heat and air conditioning		
<b>Engine Block Heater:</b>			
35	1500 W - 120 V		
<b>Engine Shut Down and Alarms:</b>			
36	Engine warning system		
37	Oil and temperature		
38	Water conditioner and filter		
<b>Fuel Filter</b>			
39	Water separator		
<b>Biodiesel</b>			
40	Min. 5% compliant biodiesel. Ability to manage higher blends is preferred. (Specify highest blend available)		
<b>Alternator</b>			
41	135 amp		
<b>Battery</b>			
42	12 volt, 2000 cca		
<b>Transmission</b>			
43	Six (6) speed Allison automatic 4,500 RDS transmission oil cooler separate from radiator. Must have complete local warranty on engine and transmission. Transmission shifter in center of cab or on steering column - not dash mounted.		
44	Magnetic drain plug		
45	Transmission must have allowance for PTO mounting		

46	Synthetic oil (Syntrand)		
<b>EXHAUST SYSTEM</b>			
47	RH outboard under step mounted horizontal SCR and DPF after treatment system assembly with right hand horizontal tail pipe. Exhaust system cannot interfere with lifting of roll off bins. Exhaust discharge on side, not below frame, to reduce dust.		
<b>FRONT AXLE</b>			
<b>Size:</b>			
48	22,000 lb rating		
49	Premium suspension for application (specify make and model):		
50	Set back		
51	Mud flaps - front and rear with side extensions on wheel wells		
52	Tires – 425/65R 22.5 radial 20 ply premium tire (specify make & model):		
53	Front wheels, aluminum 22.5" x 12.25" tubeless rims		
<b>Steering</b>			
54	Specify make, model and specifications of steering system		
<b>Steering Wheel</b>			
55	Tilt/telescopic		
<b>Brakes – Front Axle</b>			
56	Dust shields		
57	Premium air disc brakes (specify make & model):		
<b>REAR AXLE</b>			
58	GAWR 46,000 lbs premium heavy duty axle, single speed (specify make & model):		
59	Driver-controlled traction differentials with separate dash control valves		
60	Magnetic drain plugs		
61	Rear air suspension with dump valve gauge, light and buzzer		
62	Rear air suspension (46,000 lbs)		
63	ABS brakes		
64	Premium air disc brakes		
65	Brakes - dust shields		
66	Air dryer, heated, with integral governor		
67	ABS system (specify make & model):		
68	Air tanks mounted inside rails, c/w cable-operated drain valves. Screw drain cocks on all air tanks. All tank drains to be plumbed to a common location with easy access for driver.		

69	Mud flaps		
70	Shock absorbers		
71	Rear tires 11R22.5 TL 16 ply radial premium-rated tire. (Specify tire make & model):		
72	Rear wheels – all aluminum dual 22.5” 8.25” tubeless rims		
<b>FRAME RAILS</b>			
<b>Frame</b>			
73	Bend resistance able to handle roll-off material hauling up to 9 tonnes		
74	Factory full length double channel steel (specify thickness and RBM rating):		
75	Wheel base to be determined by body manufacturer (specify):		
76	Air ride rear cab support		
<b>COOLING</b>			
77	HD radiator with bug screen mounted behind grill to suit engine manufacturers requirements		
78	1500 watt/115 volt block heater, mounted under left hand door		
79	Automatic on/off air fan clutch		
<b>DRAIN VALVES &amp; AIR DRYERS</b>			
80	Air dryer - heavy duty, heated		
<b>FUEL TANK</b>			
81	Aluminum		
82	Minimum 90 US gallon (specify capacity):		
<b>MISCELLANEOUS</b>			
83	Aluminum tool box passenger side X - large & lockable		
84	Steps - bare aluminum, safety grip		
85	Electronic audible back-up alarm		
86	Front tow hooks		
87	Air horns mounted under deck		
88	Two chock blocks for wheels		
89	Emergency kit with triangles		
90	Two tow hooks on front mounted under frame with 13,500 kg capacity		
<b>CAB</b>			
91	12 volt auxiliary power source		
	Aluminum front bumper and full aluminum grill cover		
92	Conventional, fully insulated cab with noise levels to WorkSafeBC standards		
93	Safety tinting on window		

94	Overhead interior reinforced console suitable for mounting radio equipment		
95	Hoodshield bug deflector		
96	Air cushion mounted to frame		
97	Cup holders, coat hook		
98	Fender and front of hood mounted front mud flaps		
99	Hatchet doors on hood for fluid checks		
100	Heavy duty rubber floor mats		
101	Bluetooth-capable radio		
102	Power doors locks, and power windows locks		
103	Victoria Mobile two-way radio installed (see <a href="http://vicmobile.com/">http://vicmobile.com/</a> )		
104	Arm rests for drivers seat		
105	BC Motor Vehicle Inspection – Certification of acceptance and window decal		
106	Front fender splash guards		
107	Electric horn warning system for parking brake not set with door open		
108	Fully undercoated cab		
109	Passenger side door to have visibility window mounted in its lower section		
110	Front fender mounted convex mirrors		
111	Storage console on back wall		
112	Grab handles both sides		
113	Remote heated west coast style mirrors, power mirrors		
114	(2) 8" convex mirrors mounted on mirror support		
115	(1) 4"x9" convex mirrors mounted above passenger door		
116	Fender-mounted sweet spot mirrors left/right		
117	Dual windshield wipers		
118	Intermittent control wipers		
119	Windshield washer fluid		
120	Air horn(s)		
121	Single tone electric horn		
122	Stop and tail lamps, dual stop and tail (LED)		
123	Markers lamps (5 LED)		
124	Four spare electronic switches		
125	Reading light package		
126	Back-up lamps, over-ride switch with large illuminated switch		

127	Air system valves and controls - push and pull type, park brake, dash mounted		
128	All electrical to utilizes circuit breakers		
129	25 000 BTU variable speed air conditioning		
130	Full fenders with fibreglass front fender extensions		
131	5 lb fire extinguisher recharged dry type (BC Fire Marshall Approved)		
132	Two-way radio wiring		
<b>DRIVER'S SEAT</b>			
133	Driver's seat to be cushioned, high back air suspension type with adjustable lumbar support, elite/premium with heater		
134	Three (3) point belt system		
135	Head rest/arm rest		
136	Air ride		
<b>PASSENGER'S SEAT</b>			
137	Three (3) point belt system		
138	Intermediate with head rest/arm rest		
<b>GAUGES</b>			
139	Air reservoir pressure		
140	Curved easy access dash for operator ergonomics		
141	Electric fuel gauge		
142	Voltmeter		
143	Engine coolant		
144	Oil pressure		
145	Engine oil temperature		
146	Engine hour meter		
147	Speedometer and odometer		
148	Tachometer		
149	Air application/ reservoir gauge		
150	Transmission temperature		
151	Two (2) sun visors		
152	Beacon, amber Whelan model RILPPA mounted on centre of cab with large illuminated switch		
153	Electric windows/door locks		
154	Battery disconnect switch		
155	Two (2) way radio ready (see <a href="http://vicmobile.com/">http://vicmobile.com/</a> )		
156	All auxiliary electrical component		
157	Hook-up to be operated through the vehicle		
158	Multi-plex system		
159	Software maintenance packages		

	(specify):		
<b>BODY</b>			
160	Paint colour		
161	Cab and hood – white		
162	Chassis/running gear - black		
163	CVRD logo on both doors		
<b>HOOK LIFT</b>			
164	50,000 lbs lift capacity and lift at 62" height on bins		
165	Inside and outside cab controls		
166	Double-acting twin cylinders		
167	Groenvelde automatic greasing system including springs and shackles		
168	Hot shift PTO on transmission		
169	No-wear pads		
170	Grease zerks		
171	Adjustable rollers		
172	Accommodate 18' - 22' bins		
173	Two lever hydraulic control. Must meet OSHA 1926.60 (b) (11)		
174	Cab protection		
175	Manufacturer or other qualified person available to provide training on equipment operation		
176	Tandem aluminum fenders - LED lights and mud flaps		
177	Rear frame bumper bar		
178	Body-up warning light in cab, hydraulic pump engaged alarm		
179	Whelen amber LED roof mounted light bar		
180	Stainless steel pins		
181	Bushings to be permanently lubricated and greaseable		
<b>TARPING SYSTEM</b>			
182	Obrian tarp system		
183	Inside and outside cab controls		
184	Auto shut-off of hook lift when tarper engaged and/or warning light		
185	Capable of tarping 22'L x 96"H x 90"W, 49 cu/yd. containers		
186	Nylon mesh		
187	Painted - black		
188	One pair LED work lights on tarp tower		
189	Two (2) spare tarps included		
190	Operators' manual - supplied		
<b>DETAILS</b>			

191	Available payload (after truck is completely outfitted with components). Specify payload:		
192	Truck to be delivered, demonstrated and be ready to be in service immediately with 50,000 lb hook lift, Obrian autotarper and full tank of fuel. (Specify approximate delivery date):		
193	Successful Proponent agrees to meet with CVRD to review purchase (Yes/No):		
<b>OTHER</b>			
<b>Truck Manuals &amp; Documents</b>			
194	Provided with bid		
195	Load axle weight distribution		
196	Cab, chassis and box layout drawing		
197	Two (2) operator's manual		
198	One (1) Allison transmission manual		
199	One (1) service manual		
200	One (1) parts manual		
201	One (1) service/parts electronic manual (if available)		
202	One (1) engine and transmission manual		
203	One (1) diagnostic software manual (if available)		
204	Compliance labels		
<b>TRUCK &amp; COMPONENT WARRANTY</b>			
205	Transmission and engine warranty, approved for X% biofuel (e.g. 20% biofuel / bio-diesel)		
206	Extended drive train warranty (specify):		
207	Standard engine warranty (specify):		
208	Standard drive train warranty (specify):		
209	Standard truck warranty (specify):		
210	Hook lift warranty (specify):		
211	Auto tarper warranty (specify):		
212	Tire warranty (specify):		
213	Warranty – other (specify):		
<b>OPTIONS *</b>			
214	Please list or attach any suggested options or warranty packages		