



Making a difference...together

**INVITATION TO QUOTE
FOR**

Supply and Delivery of Dry Bulk B-Train

QUOTE NO. 2020-642

November 6th, 2020

Capital Regional District Integrated Water Services
Island Highway, Victoria, BC V9B 1H7
Tel: 250.474.9600 Fax: 250.474.4012

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1 INVITATION TO QUOTE

- 1.1 The Capital Regional District (CRD) invites quotes from qualified bidders for the supply and delivery of one (1) Dry Bulk B-Train.
- 1.2 Sealed bids should be clearly marked "Quote for the Supply & Delivery of Dry Bulk B-Train Trailer, ITQ No.2020-642, Attention: Gord Dimock, Purchasing Agent",
- 1.3 Quotes will be received via email to gdimock@crd.bc.ca or via mail to 479 Island Hwy, Victoria, BC, V9B 1H7 until 3:00 pm, PST, November 24th, 2020. Quotes received after the closing will not be accepted or considered. Delays caused by any delivery, courier or mail service(s) will not be grounds for an extension of the closing time. Proposals received after the closing time will be returned unopened to the Proponent.
- 1.4 The Quote Forms are contained in this document and inquiries can be made by contacting Michael Sunshine, Manager Corporate Fleet, at msunshine@crd.bc.ca prior to 3:00 p.m. on November 17th, 2020.
- 1.5 Quotes must be submitted on the following forms which are provided in this Invitation to Quote:
 - a) Bid Form
 - b) Schedule of Quantities and Prices
 - c) Note that the contract is pro-forma only and is not required to be filled out and submitted by the bidders.
- 1.6 The lowest or any quotation will not necessarily be accepted.

Gord Dimock, Purchasing Assistant
CRD Integrated Water Services
479 Island Highway, Victoria, BC
E-mail: gdimock@crd.bc.ca
Tel: (250) 474-9653

2 INFORMATION FOR BIDDERS

2.1 Description of the Work

- a) The "Work" requires the supply and delivery of one (1) Dry Bulk B-Train as per the specifications listed in the attached Schedule of Quantities and Prices.

2.2 Conditions of Quotation

- a) The quote shall be based upon the whole of the Specifications and Contract Documents without reservation.
- b) The submitted Quote will consist of one signed copy of the executed offer on the Bid Forms provided and clearly marked with the Bidder's name and the project name.
- c) The lowest or any quote will not necessarily be accepted.
- d) The Owner reserves the right to accept any quotation within a period of ninety (90) days from the date bids are closed.
- e) Quotes submitted by facsimile will NOT be accepted. Amendments to the submitted offer may be made by facsimile if endorsed by the same party who signed the quote. Amendments by facsimile must only show the amount by which the quote price shall be increased or decreased, and shall be received at least 15 minutes before closing time for the quotes. It is the responsibility of the bidder to ensure the facsimile is sent and received before this time.

2.3 Alternatives

Not Applicable.

2.4 Delivery Location

1 Hartland Ave, Victoria BC, Canada, V9E 1L7

2.5 Comparison of Bids

- a) The quantities stated herein are given for the purpose of providing a uniform basis for comparison of quotes. Payment will be made on actual quantities.
- b) In the case of errors in the extension of prices, the unit price shall govern.
- c) In evaluating the bids, the Owner will consider prices, warranty, lead time, delivery, specifications, etc. so as to provide the best value and not necessarily the lowest price.

3 BID FORM
Terms of Quote

Submitted to the Capital Regional District

We _____
Print Name(s)

Of: _____
Name of Company

having examined the Bid Documents including the Information for Bidders, Contract Agreement, General Conditions, Specifications, Drawings and Appendices, hereby offer to enter into a Contract to perform the Work required by the Documents for the stipulated price shown in the attached Schedule of Quantities and Prices, which price includes specified cash and contingency allowances and the applicable taxes in force at this date except as may be otherwise provided in the Documents.

It is understood that this Quotation constitutes a firm offer which is open for acceptance within 90 days of the date hereof and shall not be withdrawn during that period of time.

We agree to perform the Work in compliance with the required schedule stated in the Documents.

We agree that the Capital Regional District is not bound to accept the lowest or any Bid.

We certify that we are familiar with this Bid Document and that we have received and are familiar with the following Notices/Addenda:

Notices/Addenda:

_____ Dated: _____
_____ Dated: _____

Signatures:

Company _____

Signature _____

Name and Title _____

Email _____

Witness _____

Dated the _____ Day of _____, 2020.

4 SCHEDULE OF QUANTITIES AND PRICES

- 4.1 The Bidder agrees that the prices quoted herein provide for the completion of the Work as required in the Contract Documents.
- 4.2 No other payment will be made to the Supplier, except for extra work or changed work agreed to in writing by the Owner and the Supplier.
- 4.3 Prices include all applicable fees and are F.O.B. prepaid according to the Delivery Location.
- 4.4 It is understood and agreed that the quantities stated herein are given for the purpose of providing a uniform basis for the comparison of quotes.
- 4.5 Show GST& PST separately in the table.

ITEM	PRICE - each	QUANTITY	COST
Dry Bulk B-Train	\$	X 1	\$
		LEVIES AND FEES	\$
		PST	\$
		GST	\$
		TOTAL BID	\$

Signature of Bidder

Corporate Name of Bidder

5 PRO FORMA CONTRACT FOR GOODS AND SERVICES

THIS AGREEMENT dated for reference and made as of the _____ day of _____, 2020

BETWEEN:

**CAPITAL REGIONAL DISTRICT
INTEGRATED WATER SERVICES**
479 Island Highway
Victoria, British Columbia V9B 1H7
Telephone: 250-474-9600
Fax: 250-474-4012
("CRD", "we", "us" or "our" as applicable)

AND:

[Contractor Name]
Click here to type in full contractor address with
City, Prov Postal Code.
Fax No. Click here to enter ###-###-####.

("Consultant", "you" or "your" as applicable)

Witnesses: That the parties agree as follows:

ARTICLE A-1 THE WORK

The Contractor shall provide all necessary materials, labour, supervision and equipment and perform all work, and fulfil everything as set forth and in strict accordance with the Contract Documents and Addenda numbered for the project entitled 2020-642.

ARTICLE A-2 CONTRACT DOCUMENTS

Contract Documents shall mean the entire agreement between the CRD and the Supplier and shall include all of those documents set out in the Invitation to Quote including the contract between the CRD and Contractor, the General Conditions, Specifications and Drawings, Bid Documents, Schedules and any addenda incorporated therein.

ARTICLE A3-CONTRACT PRICE

The Contract Price is \$****.00 Canadian funds.

ARTICLE A-4 PAYMENT

Subject to applicable legislation and the provisions of the Contract Documents, the Owner shall make payment in Canadian funds to the Supplier on account of the Contract Price.

ARTICLE A-5 RIGHTS AND REMEDIES

The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed by law.

No action or failure to act by the Owner or the Supplier shall constitute a waiver of any right or duty afforded either of them under the Contract, nor shall any such action or failure to act constitute an approval of or acquiescence in any breach thereunder, except as may be specifically agreed in writing.

ARTICLE A-6 RECEIPT OF AND ADDRESSES FOR NOTICES

Communications in writing between the parties shall be considered to have been received by the addressee on the date of delivery if delivered by hand to the individual or to a member of the firm or to an officer of the corporation for whom they are intended or if sent by post or by telegram, to have been delivered within five (5) working days of the date of mailing, dispatch or for delivery to the telegraph company when addressed as follows:

The Owner at: 479 Island Highway, Victoria, B.C., V9B 1H7

The Supplier at:

ARTICLE A-7 LAW OF THE CONTRACT

The law of the Province of British Columbia shall govern the interpretation of the Contract.

ARTICLE A-8 SUCCESSION

The General Conditions of this Contract hereto annexed, and the other aforesaid Contract Documents, are to be read into and form part of this Agreement and the whole shall constitute the Contract between the parties and subject to law and the provisions of the Contract Documents shall ensure to the benefit of and be binding upon the parties hereto, their respective heirs, legal representatives, successors and assigns.

In witness whereof, the parties hereto have executed this Agreement under their respective corporate seals and by the hands of their proper officers hereunto duly authorized.

SIGN, SEALED AND DELIVERED in the presence of:

OWNER

CRD Water Services
479 Island Highway
Victoria, BC V9B 1H7

Ted Robbins, General Manager
Capital Regional District-Integrated Water
Services

SUPPLIER

Company Name

Address

Signature

Title

GENERAL CONDITIONS

6 DEFINITIONS

- 6.1 **Owner**-As defined in this Document, Owner shall refer to the Capital Regional District and includes the Owner's personal representatives or successors.
- 6.2 **Supplier**-The Supplier is the person, firm, or corporation identified as such in the Agreement and is referred to throughout the Contract Document as if singular in number and masculine in gender. The term Supplier means the Supplier or his authorized representative as designated to the Owner in writing.
- 6.3 **The Work** – The Work means the supply and delivery of one (1) Electric Subcompact Hatchback Vehicle as per the specifications listed in the attached Schedule “A”
- 6.4 The Contract Agreement shall be signed in duplicate by the Owner and the Supplier.
- 6.5 The Contract Documents are complementary, and what is required by any one shall be as binding as if required by all.
- 6.6 The intent of the Contract Documents is to include the labour, products and services necessary for the performance of the Work in accordance with these Documents. It is not intended, however, that the Supplier shall supply products or perform work not consistent with, covered by or properly inferable from the Contract Documents.
- 6.7 Words and abbreviations which have well known technical or trade meanings are used in the Contract Documents in accordance with such recognized meanings.
- 6.8 References to the masculine or singular shall be considered to include the feminine and the plural as the context requires.

7 ADDITIONAL INSTRUCTIONS

- 7.1 During the progress of the Work, the Owner will furnish the Supplier such additional instructions to supplement the Contract Documents as may be necessary for the performance of the Work. Such instructions shall be consistent with the intent of the Contract Documents.
- 7.2 Additional instructions may be in the form of specifications, drawings, samples, models or other written instructions.

8 PAYMENT

- 8.1 Payments will be processed and paid for in accordance with the quoted prices.

9 PATENT FEES

- 9.1 The Supplier shall pay the royalties and patent license fees required for the performance of the Contract. He shall hold the Owner harmless from and against claims, demands, losses, costs, damages, actions, suits, or proceedings arising out of the Supplier's performance of the Contract which are attributable to an infringement or an alleged infringement of a patent of invention by the Supplier or any one for whose acts he may be liable.
- 9.2 The Owner shall hold the Supplier harmless against claims, demands, losses, costs, damages, actions, suits, or proceedings arising out of the Supplier's performance of the Contract which are attributable to an infringement or an alleged infringement of a

patent of invention in executing anything for the purpose of the Contract, the model, plan or design of which was supplied to the Supplier as part of the Contract Documents.

10 DELIVERY

- 10.1 Delivery shall be made to the Owner F.O.B. To CRD, 1 Hartland, Victoria BC, V9E 1L7, clear of all Customs Duties and requirements; freight, duty, switching, wharfage, harbour dues, sales taxes and all other charges shall be paid by the Supplier. The Supplier shall be responsible for delivery of the goods.
- 10.2 The Supplier shall give at least 48 hours' notice of delivery to the Owner. Deliveries will only be accepted Monday to Friday, during normal working hours.

11 TAXES

- 11.1 Provincial Sales Tax and Federal Goods and Services Tax shall be shown separately.

12 OWNER'S RIGHT TO STOP THE WORK OR TERMINATE CONTRACT

- 12.1 If the Supplier should be adjudged bankrupt, or makes a general assignment for the benefit of creditors because of his insolvency or if a receiver is appointed because of his insolvency, the Owner, without prejudice to any other right or remedy he may have, by giving the Supplier or receiver or trustee in bankruptcy written notice, terminate the Contract.
- 12.2 If the Supplier should neglect to prosecute the Work properly or otherwise fails to comply with the requirements of the Contract to a substantial degree, the Owner may notify the Supplier in writing that he is in default of his contractual obligations and instruct him to correct the default in the five (5) working days immediately following the receipt of such notice.
- 12.3 If the correction of the default cannot be completed in the five (5) working days specified, the Supplier shall be in compliance with the Owner's instructions if he:
 - a) Commences to correct the default within the specified time, and
 - b) Provides the Owner with an acceptable schedule for such correction, and
 - c) Completes the correction in accordance with such schedule.

13 INDEMNIFICATION

- 13.1 The Supplier shall indemnify and hold harmless the Owner, its agents and employees from and against claims, demands, losses, costs, damages, actions, suits or proceedings by third parties that arise out of, or are attributable to, the Supplier's performance of the Contract.

14 WARRANTY AND GUARANTEE

- 14.1 The Work shall be warranted to be free of defects, and shall be guaranteed by the Supplier for a period of (1) year from the date of commissioning. On receipt of notice from the Owner, the Supplier shall promptly make all repairs arising out of defective workmanship or any equipment or materials supplied by him.
- 14.2 The Owner is hereby authorized to make such repairs if, ten (10) days after the giving of such notice to the Supplier, the Supplier has failed to make or undertake with due diligence said repairs; provided, however, that in the case of an emergency, where, in the opinion of the Owner, delay would cause serious loss or damage, repairs may be made without notice being sent to the Supplier, and all expense in connection therewith shall be charged to the Supplier.

15 JUDGE OF WORK AND MATERIALS

- 15.1 The Owner shall be the final judge of all work, materials and plant in respect of both quality and quantity and their decisions of all questions in dispute with regard thereto will be final.
- 15.2 All materials shall be subject to inspection and testing and shall meet the approval of the Owner.
- 15.3 In case any supplies or lots of supplies are defective in material or workmanship or otherwise not in conformity with the specifications of the Contract, the Owner shall have the right either to reject them or to require their correction.
- 15.4 Acceptance or rejection of the supplies shall be made as promptly as practicable after delivery, but failure to inspect and accept or reject supplies shall not relieve the Supplier from responsibility for such supplies as are not in accordance with the specifications.

16 ASSIGNMENT

- 16.1 The Supplier shall not assign, sub-let or let out as task work, any part of the Work and shall not assign any interest herein or any right to payment hereunder without first having had and obtained the consent in writing of the Owner which consent the Owner may withhold in its absolute discretion. If the Owner should consent to any such assignment, sub-letting or letting out as task work of all or any part of the Work, the Supplier shall by reason thereof, be in no wise relieved from his responsibility for the fulfilment of said Work, but shall continue to be responsible for the same in the same manner as if the said work had been performed by the Supplier himself.

17 DAMAGE TO PERSON AND PROPERTY

- 17.1 The Supplier shall use due care that no persons are injured, no property damaged or lost, and no rights are infringed in the performance of the Work, and the Supplier shall be solely responsible for all loss, damages, costs and expenses in respect of any injury to persons, damage of property, or infringement of the rights of others incurred in the performance of the Work or caused in any other manner whatsoever by the Supplier, or its employees.

18 SUGGESTIONS TO SUPPLIER

- 18.1 Any plan or method of work suggested by the Owner to the Supplier, but not specified or required, if adopted or followed by the Supplier in whole or in part, shall be used at the sole risk and responsibility of the Supplier; and the Owner shall assume no responsibility therefore.

19 PROOF OF COMPLIANCE WITH CONTRACT

- 19.1 In order that the Owner may determine whether the Supplier has complied with the requirements of this Contract, not readily determinable through inspection and tests of plant, equipment, work or materials, the Supplier shall, at any time when requested, submit to the Owner properly authenticated documents or other satisfactory proofs as to his compliance with such requirements.

20 RECTIFICATION OF DAMAGE AND DEFECTS

- 20.1 The Supplier shall rectify any loss or damage for which in the opinion of the Owner, the Supplier is responsible, at no charge to the Owner and to the satisfaction of the Owner. In the alternative, the Owner may repair the loss or damage and the Supplier shall pay to the Owner the costs of the loss or damage forthwith upon demand from

the Owner. Where, in the opinion of the Owner, it is not practical or desirable to repair the loss or damage, the Owner may estimate the cost of the loss or damage and deduct such estimated amount from the amount owing to the Supplier hereunder.

21 APPROVAL OF SUPPLIER'S PROGRAM

21.1 Approval by the Owner of any drawing, method of work, or any information regarding materials and/or equipment the Supplier proposes to furnish shall not relieve the Supplier of his responsibility by the Owner, or any officer or employee thereof, and the Supplier shall have no claim under this Contract on account of the failure or partial failure or inefficiency or insufficiency of any plan or method of work or material and/or equipment so approved. Such approval shall be considered to mean merely that the Owner has no objection to the Supplier using, upon his own full responsibility, the plan or method of work proposed, or furnishing the materials and/or equipment proposed.

22 QUALIFICATIONS AND COMPETENCY

22.1 The Owner reserves the right to reject quotes from suppliers who are unable to provide evidence that they are capable of providing the necessary labour, materials, equipment and adequate financial arrangements for satisfactory performance of the Work and the provisions of this Contract as herein specified.

23 GENERAL QUALITY

23.1 The whole of the Work, whether or not so stated herein, shall be done in the most substantial and workmanlike manner with new materials, articles, equipment and workmanship of the best quality and description, and by employment of properly skilled workers, and in strict conformity with and as required by this Contract to the satisfaction of the Owner whether or not so stated herein. Materials and equipment shall be the products of suppliers or manufacturers of established good reputation regularly engaged in the supply or manufacture of such materials or equipment. The Supplier shall, upon the request of the Owner, furnish him with all vouchers, receipted bills and other documents showing the materials, articles and workmanship used by the Supplier in doing the Work.

23.2 Materials are to be applied in accordance with the manufacturer's directions. Use the techniques and application best suited for the type of material being used.

24 DAMAGES FOR DELAY

24.1 If the Work is not completed before or upon the expiration of the time limited therefor, all cost which the Owner shall be put to by reason thereof shall be charged to the Supplier.

25 ESTIMATED QUANTITIES

25.1 The respective amount of the material to be furnished and/or the work to be done under this Contract with respect to each of the items described in detail in the Specifications have been preliminarily estimated as set forth in the Schedule of Quantities and Prices and this estimation will be used as a basis for comparing quotes. The Owner does not expressly nor by implication agree that the actual amounts of any material to be furnished and/or work to be done will correspond even approximately to this estimate, but reserve the right to increase or decrease the amounts of any class or portion of the materials to be furnished and/or the work to be done as in its opinion may be in its interest.

26 CHARGES TO SUPPLIER

26.1 Everything charged to the Supplier under the terms of this Contract shall be paid by the Supplier to the Owner on demand and may be deducted by the Owner any monies due or to become due to the Supplier under this Contract and may be recovered by the Owner from the Supplier or his surety.

27 INSPECTION

27.1 All or any part of the Work, and all workshops or other places where material for the work is being prepared or stored, may be inspected by the Owner when and as often as the Owner shall deem it expedient, and the Supplier shall afford the Owner every facility and access requested by it and shall give it any and all information requested by the Owner in connection therewith.

28 WAIVER OF RIGHT OF OWNER

28.1 No action nor want of action on the part of the Owner at any time to exercise any rights or remedies conferred upon it under this Contract shall be deemed to be a waiver on the part of the Owner of any of its said rights or remedies.

29 SAMPLES AND TESTS

29.1 In the case of materials to be supplied by the Supplier, samples shall, if and when required by the specifications or the Owner, be prepared and submitted by the Supplier for approval, and these samples or test specimens shall be prepared and furnished with information as to their source in such quantities and sizes as may be required for proper examinations and tests, with all freight charges prepaid.

29.2 All samples shall be submitted before shipment and in ample time to permit the making of proper tests, analyses, examinations, rejections and resubmissions before the time at which it is desired to incorporate the material into the Work. All tests of materials furnished by the Supplier shall be made by the Owner in accordance with a recognized standard practice. No such materials shall be used in the Work unless or until they have been approved in writing by the Owner, and samples of materials will be retained by the Owner for reference and comparison purposes.

30 TIME IS OF THE ESSENCE

30.1 Time shall be strictly of the essence of this Contract.

31 EXTENSION OF TIME

31.1 If the Supplier desires to claim an extension of the time allowed for the completion of all or any part of the Work by reason of being ordered to perform extra Work and/or furnish extra material or consequent upon any delay occasioned by strikes, lockouts by other than the Supplier himself alone, force majeure, or other cause beyond the control of the Supplier, he must give notice in writing to the Owner within five (5) working days after any such order has been given or such delay has first arisen, stating the reason for such delay and requesting an extension of time and in such event, the Owner shall in its absolute discretion determine what extension of time, if any, shall be allowed the Supplier for the Completion of the Work. No claim by the Supplier for an extension of the time allowed for the completion of all or any part of the Work shall be considered or allowed by the Owner unless it be for and results from one or more of the events of causes aforesaid and unless it be presented in the manner and within the time prescribed therefor in this Clause, unless the Owner determines otherwise. No such extension of time shall in any way affect the adequacy of the Contract price quoted or derogate in any way from the rights of the Owner under any provisions of the Contract and every such extension as aforesaid shall be deemed to be in full

compensation and satisfaction for and in respect of actual or probable loss or injury sustained or sustainable by the Supplier in respect of any matter or things for which such extension as aforesaid shall have been granted.

32 NO CLAIM AGAINST OWNER

32.1 Unless otherwise particularly provided in the Contract, the Supplier shall have no claim or right of action against the Owner for damages, costs, expenses, loss of profits or otherwise howsoever because or by reason of any delay in the fulfilment of the contract within the time limited therefore occasioned by any cause or event within or without the Supplier's control, and whether or not such delay may have resulted from anything done or not done by the Owner under this Contract.

Pro Forma

SCHEDULE "A"
TERM, SPECIFICATIONS & SCHEDULING

33 SPECIFICATIONS:

DRY BULK B-TRAIN		
Tenderers are to indicate below compliance or deviations from specification.		
<i>Note: Tenderers must note their compliance to the specifications in the space provided using the words "YES" or "NO". Deviations or changes must be noted and explained in detail on a separate sheet at the end of each section if necessary. The use of words such as "exceeds, equal to or not required" will not be acceptable in lieu of a detailed explanation.</i>		
Ref	Requirements	Response YES / NO
1.0 GENERAL		
1.01	<p>Regulatory / Standards - Complete, delivered units must comply with:</p> <p>Canada Motor Vehicle Safety Standards (CMVSS); be delivered with National Safety Marks (NSM) and valid BC Commercial Vehicle Inspection decal.</p> <p>All Federal, Provincial and local health, safety and lighting regulations.</p>	
1.02	<p>Documents: Provide with quotation:</p> <p><i>Drawing(s) of the proposed B-train and equipment. Drawing(s) should show top, left side, right side, front and rear views and include overall dimensions.</i></p> <p><i>Proposed build sheet listing makes/models of installed components for the B-train systems such as the dry bulk system, air brake system, ABS, suspension etc.</i></p> <p><i>Standard manufactures' warranty terms and conditions.</i></p> <p><i>Information on optional equipment - see line # 1.53.</i></p>	
1.03	<p>Drawing Approval - Final drawing(s) of the unit and equipment installation to be approved by the CRD prior to fabrication/install. Drawing(s) must show top, left side, right side, front and rear views and include overall dimensions.</p>	

DRY BULK B-TRAIN

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Ref	Requirements	Response YES / NO
1.04	Warranties: Minimum one (1) year on chassis, body and all installed equipment. Five (5) year maintenance free wiring warranty. <i>State: Maintenance free wiring warranty period.</i>	
1.05	Application: Dry bulk transfer of bio-solids and compatible with cement, lime and sand. Loading from overhead chute. Pneumatic offloading to silo.	
1.06	Tractor Dimensions - Trailer designed to be compatible with the following tractor dimensions. Wheelbase: 189 in. Tandem Tire Spread: 54 in. 5th Wheel Height: 49 in. Front Axle Weight: 9,500 lbs. Tandem Weight: 7,800 lbs.	
1.07	Overall Dimensions: Lead Unit: Length: 38 ft. 7 in. (approx.) Height: 158 in Width: 102 in Pup Unit: Length: 29 ft. 10 in. (approx.) Height: 158 in Width: 102 in	
1.08	Approximate Empty Weights: Lead Unit: 12,900 lbs. Pump Unit: 9,700 lbs.	
1.09	Volume: Total 2,200 cu-ft 1,100 cu-ft in each of the lead and pup units.	
1.10	Tank Material: Aluminum 5454H32 mill finish or CRD approved equivalent.	

DRY BULK B-TRAIN

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Ref	Requirements	Response YES / NO
1.11	Tanks: 2 hoppers with 45 degree slope for both the lead and pup units.	
1.12	Tank and Pipping Operating Parameters - For both the lead and pup units: MAWP: 15 psig Test: 22.5 psig Temp: 180 F / 82 C	
1.13	Manholes: Top mounted, two on each of the lead and pup units. 20 in full opening, cast aluminum cover with 6 cam-type hold-downs and rubber gasket, hinged at front.	
1.14	Air Inlets: On both the lead and pup units. 4 in aluminum adapter with 4 in aluminum dust cap, elbowed up. Located at front driver's side.	
1.15	Air Supply Lines: <ul style="list-style-type: none"> • Lead Unit: 4 in aluminum sch10 on driver's side terminating at air inlet at front with outlet at rear to connect at pup unit air inlet. • Pup Unit: 4 in aluminum sch10 on driver's side terminating at front air inlet. 	
1.16	Line Valves: <ul style="list-style-type: none"> • Lead Unit: 4 in butterfly valve with stainless steel stem, locking handle with 10 notches 90° throttling plate. Installed in air line ahead of first hopper and at rear air line outlet, both operated from driver's side. • Pup Unit: 4 in butterfly valve, with stainless steel stem, locking handle with 10 notches 90° throttling plate. Installed in air line ahead of first hopper, operated from driver's side. 	
1.17	Bottom Aeration: On both the lead and pup units. Three siphon flow aerators per hopper with stainless steel hopper wear plates.	
1.18	Aeration Control: On both the lead and pup units. 2 in aeration butterfly valve.	
1.19	Discharge Valves: On both the lead and pup units. 6 in butterfly valve, with stainless steel stem, locking handle with 5 notches 90° throttling plate. Installed at each hopper outlet. Operable from driver's side.	

DRY BULK B-TRAIN

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Ref	Requirements	Response YES / NO
1.20	Hopper Tees: 6 in x 4 in bottom drop tees with groove ends. Two on each of the lead and pup units.	
1.21	Discharge Manifold Lines: <ul style="list-style-type: none"> • Lead Unit: 4 in steel sch40 pipe between hoppers with groove end couplings. • Pup Unit: 4 in steel sch40 pipe between hoppers with groove end couplings and 4 in aluminum clean out at front with aluminum dust cap. 	
1.22	Discharge Extensions: On both the lead and pup units. 4 in steel sch40 pipe from tee straight to rear with groove end coupling at hopper tee.	
1.23	Pup Unit Discharge Outlet: 4 in steel adapter with 4 in aluminum dust cap at rear.	
1.24	Check Valves: Two (2) on each of the lead and pup units. 4 in spring checks, one (1) in air line upstream of front hopper and one (1) in air supply line.	
1.25	Blowdown Lines: On both the lead and pup units. 3 in aluminum sch10 pipe on driver side with bottom end facing under trailer. 3 in butterfly valve, stainless steel stem and locking handle with 10 notches 90° throttling plate.	
1.26	Top Air Lines: On both the lead and pup units. 3 in butterfly valve, stainless steel stem, locking handle with 10 notches 90° throttling plate. Can be incorporated with blowdown lines.	
1.27	Pressure Gauges: <ul style="list-style-type: none"> • Lead Unit: 4 in dial 0-30 psig for tank and line pressure in enclosure with light facing front. Gauge filter required. • Pup Unit: 4 in dial 0-30 psig for tank and line pressure in enclosure with light on driver side between hoppers facing front. Gauge filter required. 	
1.28	Tank Pressure Reliefs: On both the lead and pup units. 2 in relief valve set at 15 psi in blowdown line. 2 in relief valve set at 18 psi in air supply line.	
1.29	Walkways: On both the lead and pup units. 18 in wide anti-skid paper from ladder to both manholes with toe rails on each side.	

DRY BULK B-TRAIN

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Ref	Requirements	Response YES / NO
1.30	Ladders: On both the lead and pup units. For access to walkways approximately centered on the chassis. Also for inside hopper access: <ul style="list-style-type: none"> • Lead Unit: Located inside rear manhole. • Pup Unit: Located inside front manhole. 	
1.31	Handrails: On both the lead and pup units. Fold down style. Deployable from the ladder top landings. Held in deployed position with securement pins or equivalent means.	
1.32	Suspensions: Air suspension with height control, automatic dump and liquid filled air bag pressure gauge 0-160 psi.	
1.33	Axles: Same inner and outer bearings. On both the lead and pup units.	
1.34	Brakes: Auto slack adjusters and ABS. On both the lead and pup units.	
1.35	Wheels: On both the lead and pup units: Aluminum disc, hub piloted, 10 holes with wheel separator plates. 11R22.5, 16 ply rating.	
1.36	Landing Gears: On both the lead and pup units: 2-speed with crank on driver side.	
1.37	King Pin Plates: On both the lead and pup units: Heavy duty, bolted, adjustable at 2 in increments.	
1.38	Fifth Wheel: Driver side pull with 5-bank grease manifold on each side with braided lines.	
1.39	Rear impact guard: Bolt on aluminum channel for conspicuity.	
1.40	Fenders: Aluminum rolled type: <ul style="list-style-type: none"> • Lead Unit: One (1) pair front fender and three (3) pair single rear fender with supports. • Pup Unit: One (1) pair single rear fender with supports. 	
1.41	Hose Carriers: <ul style="list-style-type: none"> • Lead Unit: One (1) curbside, aluminum hose tube 8 in dia., 20 ft. long, with cast door at rear. • Pup Unit: Two (2), one on each side, aluminum hose tube 8 in dia., 20 ft. long, with cast door at rear. 	
1.42	Placard Holders: On both the lead and pup units: Four (4) aluminum slide card holders.	

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Ref	Requirements	Response YES / NO
1.43	<p>Nose Boxes:</p> <ul style="list-style-type: none"> • Lead Unit Front: 7-way Receptacle SAE-J560 on front of frame curbside. • Lead Unit Rear: Rear head plate driver side for pup unit hook up. 7-way Receptacle SAE-J560 and glad hands with ball valves. • Pup Unit: At front head plate, driver side. 7-way Receptacle SAE-J560. <p>7-way receptacle wiring SAE-J560: ABS on blue pin, clearance/marker-brown and accessory-black pin.</p>	
1.44	<p>Lights: On both the lead and pup units: LED grommet mount lights and maintenance free wiring. Side center marker lights wired to flash with turn signals no back-up light</p> <p>On pup unit only: High mounting stop light in stainless steel box.</p>	
1.45	Registration Holders: On both the lead and pup units: Near landing gear on driver side.	
1.46	Static Grounding Reels: On both the lead and pup units: Heavy duty Hunter Spring ML2930 Series or CRD approved equivalent. Static grounding to frames/hoppers.	
1.47	Paint: On both the lead and pup units: Polyurethane enamel black on frame mild steel parts.	
1.48	Build Sheet - Listing makes/models of installed components for the dry bulk system, brake system, ABS, suspension etc. To be provided at delivery.	
1.49	Weigh Scale Ticket(s) – For the tare weight separated by axle group. To be provided at delivery.	
1.50	Dry-Bulk B-Train Operator/Maintenance Manuals: For the pneumatic system, hoppers and other equipment associated with the safe carriage, loading/offloading, and recommended maintenance.	
1.51	OEM Owner/Operator/Maintenance Manuals: For installed component assemblies such as axles, suspensions, air brake components, landing gear etc. To be provided at delivery.	

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Ref	Requirements	Response YES / NO
1.52	Wiring Diagrams: For all installed electrical circuits. To be provided at delivery.	
1.53	Options: Specify what is offered and associated pricing of: <ul style="list-style-type: none"> • Hose Hook • Jumper Hose • Hubdometer • Delivery hose and carrier • Training – Covering operation, recurring inspections and service of installed systems. 	
1.54	Delivery Location - 1 Hartland Ave Victoria BC, Canada V9E 1L7	
1.55	Delivery: Prefer a shorter delivery timeline. <i>State - Delivery time after issuance of a purchase order on the Form of Tender</i>	

SCHEDULE "B"
INSURANCE REQUIREMENTS

1. The Consultant shall, at its own expense, provide and maintain during the term of this Agreement the following insurance in a form acceptable to the CRD with a company duly registered and authorized to conduct insurance business in the Province of British Columbia:

(a) **Commercial General Liability Insurance**

- i) Commercial General Liability Insurance policy covering losses to a third party for bodily injury or death, property damage, and unlicensed vehicle and attached equipment operations;
- ii) this shall be an occurrence-based policy with a three million (\$3,000,000.00) minimum limit;
- iii) the Capital Regional District shall be named as an additional insured;
- iv) the policy shall contain a separation of insureds, cross liability clause in its conditions;
- v) the policy shall provide that no cancellation or material alteration in the policy shall become effective until 30 days after written notice of such cancellation, or alteration has been given to the CRD; and
- vi) the Consultant shall provide the CRD with a certificate or certificates of insurance as evidence that such insurance is in force including evidence of any insurance renewal or policy or policies. Every certificate, or certificates of insurance shall include, certification by the insurance agent or the insurer that the certificate of insurance specifically conforms to all of the provisions required herein.

If this requirement is waived in writing by CRD, it is understood and agreed by the Consultant that the CRD will not be liable for any loss or damage caused by the Consultant's tortious or wrongful acts nor will the CRD defend or indemnify the Consultant for such acts. The Consultant will be solely responsible for its defence costs and damages arising from its actions.

(b) **Automobile Insurance**

If using a vehicle for CRD purposes under this contract, the Consultant shall maintain Third Party Legal Liability Insurance in an amount not less than \$2,000,000 per occurrence in respect of all vehicles owned or operated by the Consultant in connection with this agreement.

(c) **Property Insurance**

Notwithstanding anything contained elsewhere herein or within the service agreement, it is understood and agreed that the CRD will not be liable for any loss or damage to the Consultant's equipment including loss of use thereof. Each and every policy insuring Consultant's equipment to be used on this project shall contain a waiver of subrogation clause in the favor of the CRD.

(d) **Professional Liability (Errors and Omissions) Insurance**

If applicable¹, the Consultant shall maintain Professional Liability (Errors and Omissions) Insurance coverage with a limit of not less than Five Hundred Thousand (\$500,000) per claim and an aggregate limit of not less than One Million (\$1,000,000) per policy period. The Consultant shall provide the CRD with a certificate of insurance as evidence that such insurance is in force including evidence of any insurance renewal or policy or policies.

- 2. The Consultant shall require that any and all of its Sub-Contractors provide evidence of comparable insurance in the name of the Sub-Contractor to that set forth under this schedule.
- 3. Maintenance of such insurance and the performance by the Contractor of its obligations under this schedule shall not relieve the Consultant of liability under the indemnity provisions set forth in this Agreement, nor shall it limit liability of the Consultant to the limits of any insurance policy.
- 4. The CRD may take out and maintain the insurance required by this agreement at the cost of the Consultant if the Consultant is in default under this Agreement.

¹ Professional Liability insurance is only available to certain professions, such as Engineers and Geoscientists, Accountants, Architects, Planners, Insurance Brokers, Financial Planners, and the like.