



Regional District of Central Kootenay

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Request for Proposal
CENTRAL AND CRESTON COMPOST FACILITY CONSTRUCTION
RDCK Contract: RFP No. 21ES-RR-CEN-100
ADDENDUM NO. 1 - ISSUED April 1, 2021
CLOSING DATE: 4:00PM Local Time, Thursday April 15, 2021

This Addendum shall be read in conjunction with and considered as an integral part of the Contract Documents; revisions supersede the information contained in the original specifications or previously issued Addendum. Price submitted shall include all items of this Addendum.

No consideration will be allowed for any extra due to any Bidder not being familiar with the contents of this Addendum. This addendum consists of four (4) pages and one (1) attachment (Proposal Submission Form - Revised).

By this **Addendum No. 1**, dated April 1, 2021, the Request for Proposal documents for the above-mentioned opportunity shall be amended as specified below.

1. General Enquiries

Q1. Please confirm the building permit requirements for the project.

A1. The contractor is responsible for paying for and obtaining all permits related to Creston and Central sites. The one exception is that the RDCK has initiated and will pay for the building permit process for the Central site to expedite the application and review process.

Q2. Does the RDCK have a point system to factor in involvement by an Indigenous Company ?

A2. The RDCK has revised the evaluation criteria to specifically reference Indigenous involvement as follows:

Evaluation Criteria

The criteria for evaluation of the Proposals may include, but is not limited to:

Mandatory Criteria (Pass/Fail)

- Consent of Surety / Financial Security confirmation submitted with Proposal to confirm Proponent's ability to obtain bonding/security as required.

Corporate Experience and Resources – 25 points

- Established business and demonstrated performance providing services of similar size, scope and complexity, with a specific focus on past environmental performance within the last 15 years.
- Equipment and resources.
- Staff qualifications and experience.
- Safety plan with environmental focus.
- Indigenous partnerships and involvement with the project(s).

Technical – 25 points

- Demonstrated understanding of required methodology, delivery, set-up and execution of the work.
- Demonstrated knowledge and application of Quality Assurance and Quality Control program.
- Demonstrated knowledge of Risk Mitigation techniques.



- Demonstrated and realistic Schedule and Completion Date.
- Demonstrated ability (identify relevant experience) to coordinate and schedule around the HB Mines Tailings Facility Remediation and Closure works contractor.
- Demonstrated ability (identify relevant experience) to work safely under another Prime Contractor.

Financial – 50 points

- Proposed Value-added benefits.
- Proposed Total price including unit rates for labour, equipment & markup rate.

Q3. Please advise if it is acceptable to provide pricing on only one of the two sites?

A3. Based on the complexities of each site combined with the schedule restrictions, the RDCK will accept pricing from interested proponents on one or both of the sites. For the purposes of evaluation, each site will be evaluated independently and contract(s) will be awarded based on the highest ranked proposal for each site. See attached revised price schedule.

Q4. Specification Section 31 12 16 2.1.3 Specifies 12.5mm asphalt mix aggregate. 12.5mm asphalt rock is not available locally and would require to be custom crushed for the project. Would 16mm asphalt mix be an acceptable substitute.

A4. Yes, a 16 mm asphalt mix would be acceptable.

Q5. Lock Block Detail 1/C301 shows lock blocks with cross pattern interlocking pattern on top. Would square pattern interlocking pattern be acceptable.

A5. Yes, a square pattern interlocking pattern would be acceptable.

Q6. The electrical service needs to be installed and commissioned by Fortis so that commissioning can be undertaken. Has the RDCK been in contact with Fortis and received priority to have these lines installed at least 1 month before the completion dates?

A6. Fortis has advised the RDCK that they have both projects on their book and will have the services installed prior to the contractor completion dates.

Q7. There is a discrepancy between section 1.2/1.3 of the RFP and section 01 11 00 of the specification with regards to substantial and final completion of the two facilities. Please clarify.

A7. For the Creston Facility, the Work shall be substantially completed by October 15, 2021 with Total Completion by March 31, 2022. For the Central Facility, the Work shall be substantially completed by December 15, 2021 with Total Completion by March 31, 2022.

Q8. Topsoil – where is it coming from? Is Creston coming from the stripping's? What about the Central, hydroseed directly on the till?

A8. It is estimated that the amount of topsoil from stripping would be sufficient to satisfy the quantity needed for topsoil placement. Areas highlighted in green for hydroseeding in drawing C102 require placement of topsoil to a minimum depth of 100mm.

Q9. Is an “electrical building” sign and a “warning open pond” sign required at Central (noted on Creston dwgs).

A9. Yes, signs will be required at Central similar to signs at Creston. Sign posts are to be supplied and installed by the Contractor. The RDCK will work with the Contractor to develop the signage.

Q10. Is the modified shipping container (13 34 23.02) the electrical container shown on the electrical drawings? Not outlined on the dwgs what/where the modified shipping container is.

A10. Yes, the modified shipping container is the electrical container shown on the Electrical Drawings.

Q11. Do you have a preferred fabric building supplier? What is the desired fabric lifespan and UV treatment?

A11. There is no preferred fabric building supplier.

Q12. Whose scope is it to provide the power poles to the Central site?

A12. FortisBC will be providing power poles to the site. The RDCK will be coordinating the work with FortisBC.

Q13. Provide details for modified shipping container layout

A13. Modified shipping container layout is shown in as the Electrical Container Layout in drawing E-2.0

Q14. The unit of measure for Erosion Control Matting in the Central Facility Schedule of Prices is listed as (CM). Typically, this is referred to in SM, as captured in the Creston Facility Schedule of Prices. Can you confirm the quantity is correct and verify the unit of measure for this item?

A14. Unit of measure for Erosion Control Matting in the Central Facility Schedule of Prices should be SM. The quantity is correct in SM.

Q15. How wide is the anchor trench?

A15. The anchor trench is 600 mm wide.

Q16. What size pump will be inserted into the riser pipe? The design indicated the riser pipe is 4” (100 mm). Most submersible pumps for groundwater control applications are 4” in diameter. There may not be enough space to install a pump.

A16. No submersible pump is intended for the riser pipe in the contact water pond.

Q17. Is the supply and installation of the groundwater pump included in the scope?

A17. Yes, the specification, supply, and installation of a groundwater pump for the water supply well is included in the scope. Requirements for the water supply well and pump are outlined in Section 33 11 00.

Q18. Please provide additional details on the construction and installation of the aeration pipe. Is the pipe installed on grade?

A18. The aeration pipe is to be constructed and installed on-grade. The design, construction, and installation of the on-grade aeration pipe is to allow the easy removal of the pipe from beneath compost windrows during facility operation.

Q19. Are surface piping connections required from the water supply well?

A19. No surface piping connections are required at this time. Water supply is to be accessible at the well.

Q20. Would the RDCK or Engineer to open to geosynthetic material substitutions?

A20. Substitutions will be considered if they meet the minimum material requirements as per specifications.

Q21. Is the perforated portion of the pipe wrapped in a filter sock?

A21. No, the perforated portion of the pipe is not wrapped in a filter sock. The Drainage Gravel shown in Detail 3 on Drawing C304 is wrapped in geotextile.

Additional questions will be answered via an additional addendum with drawings to be posted early next week.



AJ Evenson
Senior Project Manager, Regional District of Central Kootenay

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Regional District of Central Kootenay
RFP No. 21ES-RR-CEN-100 – CENTRAL AND CRESTON COMPOST FACILITY CONSTRUCTION
Proposal Submission Form – REVISED – ADDENDUM #1

1. PRICE

1.1. Central Facility Schedule of Prices

1.1.1. Definitions

- 1.1.1.1. LS refers to Lump Sum
- 1.1.1.2. SM refers to Square Metre
- 1.1.1.3. CM refers to Cubic Metre
- 1.1.1.4. LM refers to Linear Metre

Division 1 - General		Unit	Est Qty	Unit Rate	Extended Price
01 35 29.06/1	DEVELOPMENT AND IMPLEMENTATION OF HEALTH AND SAFETY PLAN	LS	1		
01 35 43/01	DEVELOPMENT AND IMPLEMENTATION OF ENVIRONMENTAL PROTECTION PLAN	LS	1		
01 73 00/01	SURVEYING	LS	1		
01 73 13/01	MOBILIZATION AND STARTUP	LS	1		
01 77 00/01	DEMOBILIZATION AND CLOSEOUT	LS	1		
Division 2 - Technical		Unit	Est Qty	Unit Rate	Extended Price
03 30 20/01	CAST IN PLACE ELECTRICAL CONTAINER CONCRETE PAD	CM	7		
03 30 20/02	CAST IN PLACE CONCRETE SWALE	CM	61		
10 14 53/01	SIGNAGE AND SAFETY EQUIPMENT	LS	1		
11 82 27.02/01	FEEDSTOCK MIXER EQUIPMENT	LS	1		
13 31 33.00/01	FABRIC PREFABRICATED BUILDING AND FOUNDATION	LS	1		
13 34 23.2/01	MODIFIED SHIPPING CONTAINER	LS	1		
22 10 11/01	BLOWERS	LS	6		
23 05 05/01	POND RISER PIPE	LM	10		
25 30 06/01	COMPOST SYSTEM SENSORS AND RECEIVERS	LS	1		
31 11 00/01	CLEARING AND GRUBBING	SM	582		
31 14 13/01	SOIL STRIPPING AND STOCKPILING	CM	1,675		
31 23 33.01/01	SWALE EXCAVATION	CM	223		
31 23 33.01/02	SURFACE WATER POND EXCAVATION	CM	580		
31 23 33.02/01	ENGINEERED FILL	CM	2,869		
31 23 33.02/03	GRANULAR BASE COURSE	CM	419		
31 23 33.02/04	GRANULAR SUBBASE COURSE	CM	1,484		
31 23 33.02/05	DRAIN ROCK	SM	57		
31 32 19.01/01	GEOMEMBRANE	SM	750		
31 32 19.03/01	GEOSYNTHETIC CLAY LINER	SM	750		
31 32 19.16/01	NON-WOVEN GEOTEXTILES	SM	176		

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31 37 00/01	RIP RAP - POND INLET AND POND OVERFLOW OUTLET	SM	54		
31 37 11/01	EROSION CONTROL MATTING	SM	105		
32 12 16/01	ASPHALT PAVING	CM	569		
32 91 19.13/01	TOPSOIL	SM	321		
32 92 19.16/01	SEEDING	SM	321		
33 05 13/01	PRECAST CONCRETE	LS	76		
33 21 14/01	AERATION PIPE WORKS	LS	1		
E-1	ALL ELECTRICAL WORKS	LS	1		
SUBTOTAL CENTRAL SITE					
GST (5%)					
TOTAL CENTRAL SITE					

All construction services provided to be in accordance with all governing regulatory authorities within the Regional District of Central Kootenay. All lump sum prices are to be held firm to completion of the work. **Prices proposed are to be all inclusive; therefore include all labour, material, tools, equipment, transportation, fuel, supervision, disposal fees, permit fees and any other items required for provision of the services (exclude GST).**

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PRICE

1.2. Creston Facility Schedule of Prices

Division 1 - General		Unit	Est Qty	Unit Rate	Extended Price
01 35 29.06/01	DEVELOPMENT AND IMPLEMENTATION OF HEALTH AND SAFETY PLAN	LS	1		
01 35 43/01	DEVELOPMENT AND IMPLEMENTATION OF ENVIRONMENTAL PROTECTION PLAN	LS	1		
01 73 00/01	SURVEYING	LS	1		
01 73 13/01	MOBILIZATION AND STARTUP	LS	1		
01 77 00/01	DEMOBILIZATION AND CLOSEOUT	LS	1		
Division 2 - Technical		Unit	Est Qty	Unit Rate	Extended Price
03 30 20/01	CAST IN PLACE ELECTRICAL CONTAINER CONCRETE PAD	CM	7		
03 30 20/02	CAST IN PLACE CONCRETE SWALE	CM	17		
10 14 53/01	SIGNAGE AND SAFETY EQUIPMENT	LS	1		
11 82 27.02/01	FEEDSTOCK MIXER EQUIPMENT	LS	1		
13 31 33.00/02	FABRIC PREFABRICATED BUILDING AND FOUNDATION	LS	1		
13 34 23.2/01	MODIFIED SHIPPING CONTAINER	LS	1		
22 10 11/01	BLOWERS	LS	6		
23 05 05/01	POND RISER PIPE	LM	11		
25 30 06/01	COMPOST SYSTEM SENSORS AND RECEIVERS	LS	1		
31 11 00/01	CLEARING AND GRUBBING	SM	4,380		
31 14 13/01	SOIL STRIPPING AND STOCKPILING	CM	1,314		
31 23 33.01/01	SWALE EXCAVATION	CM	53.5		
31 23 33.01/02	SURFACE WATER POND EXCAVATION	CM	228		
31 23 33.02/01	ENGINEERED FILL	CM	600		
31 23 33.02/02	GRANULAR SURFACING AGGREGATE	CM	280		
31 23 33.02/03	GRANULAR BASE COURSE	CM	192		
31 23 33.02/04	GRANULAR SUBBASE COURSE	CM	886		
31 23 33.02/05	DRAIN ROCK	CM	21		
31 32 19.01/01	GEOMEMBRANE	SM	391		
31 32 19.03/01	GEOSYNTHETIC CLAY LINER	SM	431		
31 32 19.16/01	NON-WOVEN GEOTEXTILES	SM	111		
31 37 00/01	RIP RAP - POND INLET AND POND OVERFLOW OUTLET	SM	18		

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31 37 11/01	EROSION CONTROL MATTING	SM	25		
32 12 16/01	ASPHALT PAVING	CM	271		
32 31 26.02/01	ELECTRIC BEAR FENCING	LM	272		
32 91 19.13/01	TOPSOIL	SM	346		
32 92 19.16/01	SEEDING	SM	346		
33 05 13/01	PRECAST CONCRETE	LS	76		
33 21 14/01	AERATION PIPE WORKS	LS	1		
E-1	ALL ELECTRICAL WORKS	LS	1		
SUBTOTAL CRESTON SITE					
GST (5%)					
TOTAL CRESTON SITE					

SUBTOTAL CRESTON + CENTRAL SITES	
GST (5%)	
GRAND TOTAL CRESTON + CENTRAL SITES	

All construction services provided to be in accordance with all governing regulatory authorities within the Regional District of Central Kootenay. All lump sum prices are to be held firm to completion of the work. **Prices proposed are to be all inclusive; therefore include all labour, material, tools, equipment, transportation, fuel, supervision, disposal fees, permit fees and any other items required for provision of the services (exclude GST).**

1.3. Optional Items

The following is a list of Optional Prices and forms part of this Contract, upon the acceptance of any or all of the Optional Prices. The Optional Prices are an addition to the Total Proposal Price and do not include GST. **DO NOT** state a revised Total Proposal Price.

	Optional Items	Unit	Est Qty	Unit Rate	Extended Price
33 11 00/01	CENTRAL WATER SUPPLY WELL (PROVISIONAL)	LS	1		
33 11 00/01	CRESTON WATER SUPPLY WELL (PROVISIONAL)	LS	1		
32 31 26.02/01	CENTRAL ELECTRIC BEAR FENCING (PROVISIONAL)	LM	484		
32 31 26.02/01	CENTRAL GRAVEL PAD (PROVISIONAL)	LS	1		