

Solicitation Response(SR) Dept: 0310 ID: ESR1213220000002829 Ver.: 1 Function: New Phase: Final

Modified by batch , 12/16/2022

Header  5



General Information Contact Default Values Discount Document Information Clarification Request

Procurement Folder: 1139750	SO Doc Code: ARFQ
Procurement Type: Agency Master Agreement	SO Dept: 0310
Vendor ID: <input type="text" value="000000230390"/>	SO Doc ID: DNR2300000009
Legal Name: MOORE CLARK USA INC	Published Date: 12/13/22
Alias/DBA:	Close Date: 12/16/22
Total Bid: \$2,165,715.00	Close Time: 13:30
Response Date: <input type="text" value="12/14/2022"/>	Status: Closed
Response Time: <input type="text" value="12:14"/>	Solicitation Description: <input type="text" value="Addendum No. 02 - WRS Open-End Contract for Trout Food"/>
Responded By User ID: <input type="text" value="Bio-Oregon"/>	Total of Header Attachments: 5
First Name: <input type="text" value="Tim"/>	Total of All Attachments: 5
Last Name: <input type="text" value="Harder"/>	
Email: <input type="text" value="tim.harder@skretting.com"/>	
Phone: <input type="text" value="2075917077"/>	



Vendor 00000030390 Additional Information for Bid: ARFQ 0310 DNR2300000009

Attachments – Table of Contents

Contract Page 68: *Contract Manager Information*

Contract Page 75: *Scan with Contact Information w/ Signature*

Purchasing Affidavit: *Scan with Notary Public Signature*

Attachment #1: EXHIBIT A Pricing

Scanned copy of EXHIBIT A pricing with signature

Excel version available upon request

Attachment #2: Recirculating Aquaculture Systems (RAS) Feeds

Information related to feeds specific for Bowden State Hatchery

Attachment #3: Feed Sizing

Response to minor deviations in feed size vs. Bid

Attachment #4: Pigmentation

Details on pigmentation strategy in Bio-Oregon feeds vs. Bid

Attachment #5: Floating Feed Requirements

Additional information about floating feeds, available upon request

Attachment #6: Protein and Fishmeal Requirements

Response to Requirements stated in Bid around protein and Fishmeal

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General information about Premixes used in Trout feeds

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Information about FIFO process, Quality Assurance, and internal operations as it relates to manufacturing date of products

EXHIBIT A - PRICING PAGE

West Virginia Division of Natural Resources- Wildlife Resources Section
Open-End Contract for Trout Food

Delivered to Apple Grove Hatchery

Item	Description	Estimated Quantity	Unit	Unit Price	Extended Cost
3.1.2	Starter Diet (#0)	2,500	lbs	\$ 2.58	\$ 6,450.00
	Starter Diet (#1)	2,000	lbs	\$ 2.58	\$ 5,160.00
	Starter Diet (#2)	2,500	lbs	\$ 2.58	\$ 6,450.00
3.1.3	Grower Diet (1.0mm) Fry Diet 1.2mm	5,000	lbs	\$ 1.60	\$ 8,000.00
	Grower Diet (1.5mm) Fry Diet 1.5mm	5,000	lbs	\$ 1.57	\$ 7,850.00
	Grower Diet (2.0mm) Fry Diet 2.0mm	7,500	lbs	\$ 1.48	\$ 11,100.00
	Grower Diet (3.0mm) Fry Diet 3.0mm	4,000	lbs	\$ 1.35	\$ 5,400.00
	Grower Diet (4.0mm)	4,000	lbs	\$ 1.16	\$ 4,640.00
	Grower Diet (6.0mm)	4,500	lbs	\$ 1.07	\$ 4,815.00
	Grower Diet (6.0mm)	5,000	lbs	\$ 1.07	\$ 5,350.00
Total					\$ 65,215.00

EXHIBIT A - PRICING PAGE

West Virginia Division of Natural Resources- Wildlife Resources Section
Open-End Contract for Trout Food

Delivered to Reeds Creek Hatchery

Item	Description	Estimated Quantity	Unit	Unit Price	Extended Cost
3.1.2	Starter Diet (#0)	100	lbs	\$ 2.58	\$ 258.00
	Starter Diet (#1)	200	lbs	\$ 2.58	\$ 516.00
	Starter Diet (#2)	1,000	lbs	\$ 2.58	\$ 2,580.00
3.1.3	Grower Diet (1.0mm) Fry Diet 1.2mm	3,500	lbs	\$ 1.60	\$ 5,600.00
	Grower Diet (1.5mm) Fry Diet 1.5mm	3,000	lbs	\$ 1.57	\$ 4,710.00
	Grower Diet (2.0mm) Fry Diet 2.0mm	5,000	lbs	\$ 1.48	\$ 7,400.00
	Grower Diet (3.0mm) Fry Diet 3.0mm	25,000	lbs	\$ 1.35	\$ 33,750.00
	Grower Diet (4.0mm)	25,000	lbs	\$ 1.16	\$ 29,000.00
	Grower Diet (6.0mm)	175,000	lbs	\$ 1.07	\$ 187,250.00
	Grower Diet (6.0mm)	10,000	lbs	\$ 1.07	\$ 10,700.00
3.1.4	Brood Diet (6.0mm)	10,000	lbs	\$ 1.87	\$ 18,700.00
<u>Additives (Appendix D)</u>					
3.1.3	Grower Diet (4.0mm) + Canthaxanthin and Astaxanthin)	25,000	lbs	\$ 1.16	\$ 29,000.00
	Grower Diet (6.0mm) + Canthaxanthin and Astaxanthin)	30,000	lbs	\$ 1.07	\$ 32,100.00
3.1.4	Brood Diet (6.0mm) + Canthaxanthin and Astaxanthin)	10,000	lbs	\$ 1.87	\$ 18,700.00
Total					\$ 380,264.00

EXHIBIT A - PRICING PAGE

West Virginia Division of Natural Resources- Wildlife Resources Section
Open-End Contract for Trout Food

Delivered to Bowden Hatchery

Item	Description	Estimated Quantity	Unit	Unit Price	Extended Cost
3.1.2	Starter Diet (#0) Nutra Sprint 0.3mm	100	lbs	\$ 2.81	\$ 281.00
	Starter Diet (#1) Nutra Sprint 0.5mm	500	lbs	\$ 2.41	\$ 1,205.00
	Starter Diet (#2) Nutra Sprint 0.7mm	1,000	lbs	\$ 2.37	\$ 2,370.00
3.1.3	Grower Diet (1.0mm) Nutra Sprint 1.0mm	3,000	lbs	\$ 2.35	\$ 7,050.00
	Grower Diet (1.5mm) Nutra RC 1.5mm	4,000	lbs	\$ 1.59	\$ 6,360.00
	Grower Diet (2.0mm) Nutra RC 2.0mm	6,000	lbs	\$ 1.49	\$ 8,940.00
	Grower Diet (3.0mm) Nutra RC 3.0mm	75,000	lbs	\$ 1.45	\$ 108,750.00
	Grower Diet (4.0mm) Optiline RC NG 80P 4mm	75,000	lbs	\$ 1.15	\$ 86,250.00
	Grower Diet (5.0mm) Optiline RC NG 80P 6mm	150,000	lbs	\$ 1.15	\$ 172,500.00
	Grower Diet (7.0mm) Optiline RC NG 80P 6mm	20,000	lbs	\$ 1.15	\$ 23,000.00
<u>Additives (Appendix D)</u>					
3.1.3	Optiline RC NG 80P 4mm	25,000	lbs	\$ 1.15	\$ 28,750.00
	Optiline RC NG 80P 6mm	150,000	lbs	\$ 1.15	\$ 172,500.00
3.1.4	Vitalis SA FW 6mm	10,000	lbs	\$ 1.90	\$ 19,000.00
Total					\$ 636,956.00

EXHIBIT A - PRICING PAGE

West Virginia Division of Natural Resources- Wildlife Resources Section
Open-End Contract for Trout Food

Delivered to Spring Run Hatchery

Item	Description	Estimated Quantity	Unit	Unit Price	Extended Cost
3.1.2	Starter Diet (#0)	100	lbs	\$ 2.58	\$ 258.00
	Starter Diet (#1)	200	lbs	\$ 2.58	\$ 516.00
	Starter Diet (#2)	500	lbs	\$ 2.58	\$ 1,290.00
3.1.3	Grower Diet (1.0mm) Fry Diet 1.2mm	5,500	lbs	\$ 1.60	\$ 8,800.00
	Grower Diet (1.5mm) Fry Diet 1.5mm	4,500	lbs	\$ 1.57	\$ 7,065.00
	Grower Diet (2.0mm) Fry Diet 2.0mm	7,500	lbs	\$ 1.48	\$ 11,100.00
	Grower Diet (3.0mm) Fry Diet 3.0mm	35,000	lbs	\$ 1.35	\$ 47,250.00
	Grower Diet (4.0mm)	120,000	lbs	\$ 1.16	\$ 139,200.00
	Grower Diet (6.0mm)	150,000	lbs	\$ 1.07	\$ 160,500.00
	Grower Diet (6.0mm)	125,000	lbs	\$ 1.07	\$ 133,750.00
3.1.4	Brood Diet (6.0mm)	20,000	lbs	\$ 1.87	\$ 37,400.00
<u>Additives (Appendix D)</u>					
3.1.3	Grower Diet (4.0mm) + Canthaxanthin and Astaxanthin)	35,000	lbs	\$ 1.16	\$ 40,600.00
	Grower Diet (6.0mm) + Canthaxanthin and Astaxanthin)	40,000	lbs	\$ 1.07	\$ 42,800.00
3.1.4	Brood Diet (6.0mm) + Canthaxanthin and Astaxanthin)	15,000	lbs	\$ 1.87	\$ 28,050.00
Total					\$ 658,579.00

EXHIBIT A - PRICING PAGE

West Virginia Division of Natural Resources- Wildlife Resources Section
Open-End Contract for Trout Food

Delivered to Edray Hatchery

Item	Description	Estimated Quantity	Unit	Unit Price	Extended Cost
3.1.2	Starter Diet (#0)	100	lbs	\$ 2.58	\$ 258.00
	Starter Diet (#1)	200	lbs	\$ 2.58	\$ 516.00
	Starter Diet (#2)	500	lbs	\$ 2.58	\$ 1,290.00
3.1.3	Grower Diet (1.0mm) Fry Diet 1.2mm	3,000	lbs	\$ 1.60	\$ 4,800.00
	Grower Diet (1.5mm) Fry Diet 1.5mm	4,000	lbs	\$ 1.57	\$ 6,280.00
	Grower Diet (2.0mm) Fry Diet 2.0mm	5,000	lbs	\$ 1.48	\$ 7,400.00
	Grower Diet (3.0mm) Fry Diet 3.0mm	5,000	lbs	\$ 1.35	\$ 6,750.00
	Grower Diet (4.0mm)	5,000	lbs	\$ 1.16	\$ 5,800.00
	Grower Diet (6.0mm)	25,000	lbs	\$ 1.07	\$ 26,750.00
	Grower Diet (6.0mm)	25,000	lbs	\$ 1.07	\$ 26,750.00
<u>Additives (Appendix D)</u>					
3.1.3	Grower Diet (4.0mm) + Canthaxanthin and Astaxanthin)	15,000	lbs	\$ 1.16	\$ 17,400.00
	Grower Diet (6.0mm) + Canthaxanthin and Astaxanthin)	15,000	lbs	\$ 1.07	\$ 16,050.00
3.1.4	Brood Diet (6.0mm) + Canthaxanthin and Astaxanthin)	2,500	lbs	\$ 1.87	\$ 4,675.00
Total					\$ 124,719.00

EXHIBIT A - PRICING PAGE

West Virginia Division of Natural Resources- Wildlife Resources Section
Open-End Contract for Trout Food

Delivered to Ridge Hatchery

Item	Description	Estimated Quantity	Unit	Unit Price	Extended Cost
3.1.2	Starter Diet (#0)	100	lbs	\$ 2.58	\$ 258.00
	Starter Diet (#1)	200	lbs	\$ 2.58	\$ 516.00
	Starter Diet (#2)	500	lbs	\$ 2.58	\$ 1,290.00
3.1.3	Grower Diet (1.0mm) Fry Diet 1.2mm	800	lbs	\$ 1.60	\$ 1,280.00
	Grower Diet (1.5mm) Fry Diet 1.5mm	2,500	lbs	\$ 1.57	\$ 3,925.00
	Grower Diet (2.0mm) Fry Diet 2.0mm	3,000	lbs	\$ 1.48	\$ 4,440.00
	Grower Diet (3.0mm) Fry Diet 3.0mm	5,000	lbs	\$ 1.35	\$ 6,750.00
	Grower Diet (4.0mm)	5,000	lbs	\$ 1.16	\$ 5,800.00
	Grower Diet (6.0mm)	50,000	lbs	\$ 1.07	\$ 53,500.00
	Grower Diet (6.0mm)	25,000	lbs	\$ 1.07	\$ 26,750.00
3.1.4	Brood Diet (6.0mm)	2,500	lbs	\$ 1.87	\$ 4,675.00
<u>Additives (Appendix D)</u>					
3.1.3	Grower Diet (4.0mm) + Canthaxanthin and Astaxanthin)	15,000	lbs	\$ 1.16	\$ 17,400.00
	Grower Diet (6.0mm) + Canthaxanthin and Astaxanthin)	15,000	lbs	\$ 1.07	\$ 16,050.00
3.1.4	Brood Diet (6.0mm) + Canthaxanthin and Astaxanthin)	2,500	lbs	\$ 1.87	\$ 4,675.00
Total					\$ 147,309.00

EXHIBIT A - PRICING PAGE

West Virginia Division of Natural Resources- Wildlife Resources Section
Open-End Contract for Trout Food

Delivered to Tate Lohr Hatchery

Item	Description	Estimated Quantity	Unit	Unit Price	Extended Cost
3.1.3	Grower Diet (2.0mm) Fry Diet 2.0mm	3,000	lbs	\$ 1.48	\$ 4,440.00
	Grower Diet (3.0mm) Fry Diet 3.0mm	5,000	lbs	\$ 1.35	\$ 6,750.00
	Grower Diet (4.0mm)	5,000	lbs	\$ 1.16	\$ 5,800.00
	Grower Diet (6.0mm)	15,000	lbs	\$ 1.07	\$ 16,050.00
	Grower Diet (6.0mm)	14,000	lbs	\$ 1.07	\$ 14,980.00
<u>Additives (Appendix D)</u>					
3.1.3	Grower Diet (4.0mm) + Canthaxanthin and Astaxanthin	5,000	lbs	\$ 1.16	\$ 5,800.00
	Grower Diet (6.0mm) + Canthaxanthin and Astaxanthin	5,000	lbs	\$ 1.07	\$ 5,350.00
3.1.4	Brood Diet (6.0mm) + Canthaxanthin and Astaxanthin	2,500	lbs	\$ 1.87	\$ 4,675.00
Total					\$ 63,845.00

EXHIBIT A - PRICING PAGE

West Virginia Division of Natural Resources- Wildlife Resources Section
Open-End Contract for Trout Food

Delivered to Elkins Operations Center

Item	Description	Estimated Quantity	Unit	Unit Price	Extended Cost
3.1.2	Starter Diet (#0) + Aquaflor	100	lbs	\$ 2.62	\$ 262.00
	Starter Diet (#1) + Aquaflor	200	lbs	\$ 2.62	\$ 524.00
	Starter Diet (#2) + Aquaflor	500	lbs	\$ 2.62	\$ 1,310.00
3.1.3	Grower Diet (1.0mm) + Aquaflor	800	lbs	\$ 2.00	\$ 1,600.00
	Grower Diet (2.0mm) + Aquaflor	3,000	lbs	\$ 1.96	\$ 5,880.00
	Grower Diet (3.0mm) + Aquaflor	5,000	lbs	\$ 1.86	\$ 9,300.00
	Grower Diet (4.0mm) + Aquaflor	5,000	lbs	\$ 1.86	\$ 9,300.00
	Grower Diet (5.0mm) + Aquaflor	50,000	lbs	\$ 1.86	\$ 93,000.00
	Grower Diet (7.0mm) + Aquaflor	25,000	lbs	\$ 1.86	\$ 46,500.00
Total					\$ 167,676.00

TOTAL AMOUNT:

\$

2,244,563.00

Tim Harder - Technical Sales Representative
Vendor Representative


Signature

14 DEC 2022
Date

REQUEST FOR QUOTATION

West Virginia Division of Natural Resources – Wildlife Resources Section
Open-Ended Contract for Trout Food

8. MISCELLANEOUS:

- 8.1 No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
- 8.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.
- 8.3 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 8.4 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Tim Harder

Telephone Number: 207 - 591 - 7077

Fax Number: 207 - 591 - 7078

Email Address: tim.harder@skretting.com

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.
Tim Harder - Technical Sales Representative

(Name, Title) Timothy Harder

(Printed Name and Title) 15 Saunders Way, Westbrook, ME 04094

(Address) (207) 591-7077 (207) 591-7078

(Phone Number) / (Fax Number) tim.harder@skretting.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.
Moore-Clark USA d/b/a Bio-Oregon

(Company) Timothy Harder

Digitally signed by Timothy Harder
Date: 2022.12.13 12:58:32 -05'00'



(Authorized Signature) (Representative Name, Title)
Tim Harder - Technical Sales Representative

(Printed Name and Title of Authorized Representative)
14 December, 2022

(Date) (207) 591-7077 (207) 591-7078

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: MOORE-CLARK USA INC d/b/a Bio-Oregon

Authorized Signature:  Tim Harder Date: 14 DEC 2022

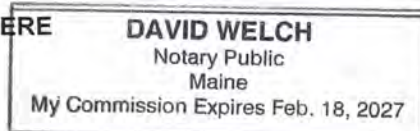
State of Maine

County of Cumberland, to-wit:


Taken, subscribed, and sworn to before me this 14 day of December, 2022

My Commission expires 2/18/2027, 2027.

AFFIX SEAL HERE



NOTARY PUBLIC



Purchasing Affidavit (Revised 01/19/2018)



West Virginia Division of Natural Resources
324 4th Avenue
South Charleston, WV 25303
(304) 558-3397

Attachment #2: RAS Feeds

December 14th, 2022

To whom it may concern,

We would like to use this attachment to address ARFQ 0310 DNR2300000009 the specification for Trout Diets under:

- **Section 3.1.1 TROUT FOOD**

Under the many specifications for feed listed in this section, feed which is designed for the system in use at Bowden Hatchery is NOT considered. Due to special needs of a Recirculating Aquaculture System (RAS) the feeds that were proposed in the bid are engineered for this environment. Benefits are described below:

- **RAS Technology**

The state of West Virginia has made a significant investment in RAS Technology at the Bowden Hatchery. The equipment required to operate RAS should be integrated with feed to meet the needs of the system. Skretting is the global leader in RAS technology, and our plant in St. Andrews is certified as an RCX producer. Our RecircReady and RCX feeds can benefit your RAS facility by:

- Fecal Binders** – *Reducing the turbidity and nutrient leakage to the water*
- Less dust and fine particles** – *This decreases the load on biofilters and reduces feed loss*
- Reduced fat leakage** – *prevents impairment of drum filter screens, biofilters, and gas exchange systems*
- Improved water stability** – *decreases load on biofilters and reduced feed loss*
- Limited feed formula variations** – *Unknown potential impacts on fish and system performance are avoided*

The prolonged use of RAS feeds is likely to protect your investment and prolong the life of the equipment and the overall system. These offerings are reflected in the EXHIBIT A Pricing information (*Attachment 1 &2*) **We strongly encourage you to consider RAS diets at this facility**

- END -



Attachment #3: Feed Sizing

December 14th, 2022

To whom it may concern,

We would like to use this attachment to address ARFQ 0310 DNR2300000009 the specification for Trout Diets under:

- **Section 3.1.3 TROUT FOOD**

The sizing for trout feeds does not align with our own production standards. We are offering sizing that is known to be effective for other farmers and that we believe technicians and managers will easily be able to adjust to. A summary of the substitutions are highlighted in EXHIBIT A Pricing, and are summarized here:

Requested Size	Proposed Size	Comment
1.0 mm	1.2mm	Transition from the #2 to 1.2mm is straightforward and effective
5.0 mm	4.0 mm OR 6.0 mm	Extend feeding of 4.0 mm or transition to 6.0 mm
7.0 mm	6.0 mm	Extend feeding of 6.0 mm at no risk to animals. A 9.0 mm pellet is also available <i>if desired</i>

- END -



Attachment #4: Pigmentation

December 14th, 2022

To whom it may concern,

We would like to use this attachment to address ARFQ 0310 DNR2300000009 the specification for Trout Diets under:

- **Section 3.1.3 FORMULATION SPECIFICATION FOR GROWER DIET**
...**3.1.3.3.2** Grower diet sizes 5mm and 7mm must be available with Canthaxanthin and Astaxanthin additives

Our grower diets include the Astaxanthin pigment for skin and fillet coloration and overall fish health, but we do not utilize Canthaxanthin in these trout grower diets.

Astaxanthin is a pigment that is naturally taken up by salmonids in the wild resulting in beautiful, pink fillet coloration, bright skin colors, and positive nutritional benefits for the animal. Canthaxanthin provides no additional benefits in these respects, so its exclusion will not negatively impact your animals.

Traditionally, Canthaxanthin has been used as a cost savings by competitors and is considered an inferior product.

Additionally,

The diet lines offered here add in pigment for fish at the 4.0mm size. We are not offering a grower feed without pigment so we are offering the same diet for your grower purchasing lines, as well as those lines calling for pigment.

- END -



Attachment #5: Floating Feed Requirements

December 14th, 2022

To whom it may concern,

We would like to use this attachment to address ARFQ 0310 DNR2300000009 the specification for Trout Diets under:

- **Section 3.1.3 FORMULATION SPECIFICATION FOR GROWER DIET**
 ...**3.1.3.3** Grower diet must be available in extruded floating or slow sinking formula....

The grower feeds that are proposed are slow sinking feeds. They represent feed technology that is proven to grow healthy fish, quickly, while using as little feed as possible. Bio-Oregon has a track record with many enhancement groups in the Northeastern US.

Due to the dense nutrition of the pellet, the Bio-Oregon BioTrout pellet is NOT available in a floating formulation. We can, however, offer you a grower pellet that will float but the nutrition will be different. This will also grow healthy fish in your system, and we are happy to offer this out of our Westbrook, Maine warehouse.

Some basic information on this grower diet is here for your consideration:

Product specifications

Product	Pellet size (mm)	Fish size (grams)	Protein (min)	Oil (min)	Moisture (max)	Phosphorus (min)	DE (MJ/KG)
Orient Float	3.5	50-200	45%	16%	9.0%	1.0%	16.5
Orient Float	4.5	200-500	42%	16%	9.0%	1.0%	16.0
Orient Float	6.0	500-1000	39%	16%	9.0%	1.0%	15.5

- END -



Attachment #6: Protein and Fishmeal Requirements

December 14th, 2022

To whom it may concern,

We would like to use this attachment to address ARFQ 0310 DNR2300000009 the specification for Trout Diets under:

- **Section 3.1.3 FORMULATION SPECIFICATION FOR GROWER DIET**
3.1.3.1 Minimum Fish Meal Protein 25%

Bio-Oregon and Skretting diet formulations are constantly being reviewed and refined with the help of research partners, industry, and our own Aquaculture Innovation (AI) team in Stavanger, Norway. This has allowed us to formulate feed to the nutritional needs of the animal, and less to individual ingredients.

The result of this research is our MicroBalance® concept. We are not dependent on fish meal to provide all of the digestible protein and balanced amino acid profile and can substitute many other raw materials while still maintaining superior growth rates and fish health. Ultimately, we have proven that we are able to grow fish without any fish meal at all and this is currently in state enhancement raceways here in the US.

Our Bio-Oregon and Skretting feeds to have minimum inclusion rates for fishmeal, and the final formulation is based on optimal nutrition for the fish. The reduced dependency on fish meal also helps us maintain our position as the most sustainable feed supplier in the world and gives us maximum formulation flexibility

- END -



Attachment #7: Vitamin and Mineral Premix Information

December 14th, 2022

To whom it may concern,

We would like to use this attachment to address ARFQ 0310 DNR2300000009 the specification for Trout Diets under:

- **Section 3.1.3 TROUT FOOD**
 - 3.1.3.2** Vitamin Premix as specified in *Appendix A*
 - Trace Mineral Premix as specified in *Appendix B*

The vitamin and mineral premixes used in production of our aquafeeds are proprietary information and we are not willing to disclose the information in Appendix A & B. We will disclose that we have reviewed the standards in Appendix A & B along with your response about inclusion rate of those premixes and can state that our feeds will provide proper nutrition for the health and growth of trout in your systems.

Our vitamin and mineral levels in feed are determined by experts in the industry with information validated by the Skretting Aquaculture Innovation (AI) team in Stavanger, Norway.

- END -



Attachment #8: Manufacturing Date

December 14th, 2022

To whom it may concern,

We would like to use this attachment to address ARFQ 0310 DNR2300000009 the specification for Trout Diets under:

- **Section 3.1.3 TROUT FOOD**
 - **3.1.1.6** Feed must be manufactured no more than ninety (90) days prior to shipment

Our quality system has data on the nutritional properties of our feeds and determined a 'Best By' date on all our product. Within this date, the product meets all of the listed specifications and nutritional levels as advertised and labeled. All feed is shipped with as much time remaining to 'Best By' as possible and managers and technicians will be notified of any feed that is approaching that date.

Every attempt will be made to ship the most fresh product possible using the First In, First Out (FIFO) warehousing standard but it is entirely possible that feeds will be manufactured more than 90 days prior to shipping.

- END -

Thank you very much,

Tim Harder
Technical Sales Representative
tim.harder@skretting.com



Vendor 00000030390 Additional Information for Bid: ARFQ 0310 DNR2300000009

Attachments – Table of Contents

Contract Page 68: *Contract Manager Information*

Contract Page 75: *Scan with Contact Information w/ Signature*

Purchasing Affidavit: *Scan with Notary Public Signature*

Attachment #1: EXHIBIT A Pricing

Scanned copy of EXHIBIT A pricing with signature

Excel version available upon request

Attachment #2: Recirculating Aquaculture Systems (RAS) Feeds

Information related to feeds specific for Bowden State Hatchery

Attachment #3: Feed Sizing

Response to minor deviations in feed size vs. Bid

Attachment #4: Pigmentation

Details on pigmentation strategy in Bio-Oregon feeds vs. Bid

Attachment #5: Floating Feed Requirements

Additional information about floating feeds, available upon request

Attachment #6: Protein and Fishmeal Requirements

Response to Requirements stated in Bid around protein and Fishmeal

Attachment #7: Vitamin and Mineral Premix Information

General information about Premixes used in Trout feeds

Attachment #8: Manufacturing Date

Information about FIFO process, Quality Assurance, and internal operations as it relates to manufacturing date of products