

STATE OF OHIO
DEPARTMENT OF ADMINISTRATIVE SERVICES
GENERAL SERVICES DIVISION
OFFICE OF PROCUREMENT SERVICES
4200 SURFACE ROAD, COLUMBUS, OH 43228-1395

MANDATORY USE CONTRACT FOR: MATERIALS FOR MIXING CATTLE FEED RATIONS

CONTRACT No.: OT901515

EFFECTIVE DATES: 10/01/14 to 09/30/17

The Department of Administrative Services has accepted bids submitted in response to Invitation to Bid No. OT901515 that opened on 08/15/14. The evaluation of the bid response(s) has been completed. The bidder(s) listed herein have been determined to be the lowest responsive and responsible bidder(s) and have been awarded a contract for the items(s) listed. The respective bid response, including the [Terms and Conditions for Bidding, Standard Contract Terms and Conditions, and Supplemental Contract Terms and Conditions](#) (Revised 10/2013), special contract terms & conditions, any bid addenda, specifications, pricing schedules and any attachments incorporated by reference and accepted by DAS become a part of this Requirements Contract.

This Requirements Contract is effective beginning and ending on the dates noted above unless, prior to the expiration date, the Contract is renewed, terminated or cancelled in accordance with the Contract Terms and Conditions.

This Requirements Contract is available to THE OHIO DEPARTMENT OF REHABILITATION AND CORRECTION, OHIP PENAL INDUSTRIES FARM OPERATIONS, 770 WEST BROAD STREET COLUMBUS, OH, 43215, as applicable.

Agencies are eligible to make purchases of the listed supplies and/or services in any amount and at any time as determined by the agency. The State makes no representation or guarantee that agencies will purchase the volume of supplies and/or services as advertised in the Invitation to Bid.

SPECIAL NOTE: State agencies may make purchases under this Requirements Contract up to \$2500.00 using the state of Ohio payment card. Any purchase that exceeds \$2500.00 will be made using the official state of Ohio purchase order (ADM-0523). Any non-state agency, institution of higher education or Cooperative Purchasing member will use forms applicable to their respective agency.

Questions regarding this and/or the Requirements Contract may be directed to:

Walt Schneider, CPPB
walter.schneider@das.ohio.gov

This Requirements Contract and any Amendments thereto are available from the DAS Web site at the following address:

<http://www.ohio.gov/procure>

Signed: _____
Robert Blair, Director Date

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SPECIAL CONTRACT TERMS AND CONDITIONS

AMENDMENTS TO CONTRACT TERMS AND CONDITIONS: The following Amendments to the Contract Terms and Conditions do hereby become a part hereof. In the event that an amendment conflicts with the Contract Terms and Conditions, the Amendment will prevail.

DELIVERY AND ACCEPTANCE: Supplies will be delivered to the participating agency locations listed in Appendix A. on page 32 of this Bid within five (5) working days after receipt of order and, in accordance with paragraphs S-8, S-9, and S-10 of the SUPPLEMENTAL CONTRACT TERMS AND CONDITIONS. The delivery location will be noted on the purchase order issued by the participating agency. Acceptance (transfer of title) will occur upon the inspection and written confirmation by the ordering agency that the supplies delivered conform to the requirements set forth in the Contract. Unless otherwise provided in the Contract, acceptance shall be conclusive except as regards to latent defects, fraud, or such gross mistakes as amount to fraud.

DESCRIPTIVE LITERATURE: The Bidder may be required to submit descriptive literature of the supplies or services being offered. If requested, the literature will be used in the evaluation process to determine the lowest responsive and responsible bidder. If not provided as part of the bid response, the Bidder must provide said literature within seven (7) calendar days after request/notification by the Office of Procurement Services to do so. Any references, that may appear in the descriptive literature, that may alter the terms and conditions and specifications of the bid (i.e. F.O.B. Shipping Point or Prices Subject to Change), will not be part of any contract and will be disregarded by the state of Ohio. Failure of the bidder to furnish descriptive literature either as part of their bid response or within the time specified herein will deem the bidder not responsive.

PRODUCT SAMPLES: The bidder(s) may be required to submit samples of the supplies being offered. The samples will be used in the evaluation process to determine the lowest responsive and responsible bidder. If not included as part of their bid response, the bidder will be required to provide the samples within seven (7) calendar days after notification. Failure to provide the samples within the stated time period will result in the bidder being deemed not responsive. After award of the contract, the samples will be used as a basis of comparison with actual product delivered under contract. Any variation between the samples and product being delivered will be considered as an event of default. Any variations between the samples and actual product being delivered that are due to manufacturer changes may be acceptable and shall require prior written approval from DAS.

EVALUATION: Each Bid item (1. through 23.) will be evaluated using the annual usage provided for each location, multiplied by Bid Markup Price per ton or Bid Price per pound as applicable for each location and then summed to determine the lowest total responsive and responsible cost for each Bid item. Allowance prices, if requested for customer pick-up of individual items will not be a part of the bid evaluation.

CONTRACT AWARD: A Contract will be awarded to the lowest responsive and responsible bidder for each Bid item.

MINIMUM ORDER: For bid items 1. Soybean Meal, 2. Corn Gluten Feed, 3, OPI/ODRC Dairy Cow Protein Blend and 4. OPI/ODRC London Protein Blend #2, the minimum order placed against this contract to one contractor for delivery, F.O.B. destination transportation charges prepaid, at any one time to one destination for single or combined items, shall not be less than ten (10) tons. For other items with Units of Measure of pounds (lbs.) the minimum order placed against this contract to one contractor for delivery, F.O.B. destination transportation charges prepaid, at any one time to one destination for single or combined items, shall not be less than eight thousand (8,000) pounds. For orders less than the above minimums, transportation charges will be prepaid and added to the invoice by the contractor per Section S-10 of the Contract Supplemental Terms & Conditions.

USAGE REPORTS: The contractor must submit a USAGE report (written or on disk or via email in Excel format) indicating sales generated by this contract for the period October 2014 through December, 2014 and thereafter for the periods January through June and July through December for the life of the contract. Reports are due by the end of the month following each report period. The report shall list usage by customer location, by item, showing the quantities/dollars generated by this contract. The report shall be forwarded to the Office of Procurement Services, 4200 Surface Road, Columbus, OH 43228-1395, Attn: Walt Schneider, walter.schneider@das.state.oh.us

SPECIAL CONTRACT TERMS AND CONDITIONS (Cont'd.)

FIXED-PRICE WITH ECONOMIC ADJUSTMENT: The contract prices(s) will remain firm for the first six (6) months duration of the contract. Thereafter, the Contractor may submit a request to increase their price(s) to be effective thirty (30) calendar days after acceptance by DAS. No price adjustment will be permitted prior to the effective date of the increase received by the Contractor from his suppliers, or on purchase orders that are already being processed, or on purchase orders that have been filled and are awaiting shipment. If the Contractor receives orders requiring quarterly delivery, the increase will apply to all deliveries made after the effective date of the price increase.

Any price increase request must be supported by a general price increase in the cost of the finished supplies, due to increases in the cost of raw materials, labor, freight, Workers' Compensation and/or Unemployment Insurance, etc. Detailed documentation, to include a comparison list of the contract items and proposed price increases, must be submitted to support the requested increase. Supportive documentation should include, but is not limited to: copies of the old and the current price lists or similar documents which indicate the original base cost of the product to the Contractor and the corresponding increase, and/or copies of correspondence sent by the Contractor's supplier on the supplier's letterhead, which contain the above price information and explains the source of the increase in such areas as raw materials, freight, fuel or labor, etc.

Should there be a decrease in the cost of the finished product due to a general decline in the market or some other factor, the Contractor is responsible to notify DAS immediately. The price decrease adjustment will be incorporated into the contract and will be effective on all purchase orders issued after the effective date of the decrease. If the price decrease is a temporary decrease, such should be noted on the invoice. In the event that the temporary decrease is revoked, the contract pricing will be returned to the pricing in effect prior to the temporary decrease. For quarterly deliveries, any decrease will be applied to deliveries made after the effective date of the decrease. Failure to comply with this provision will be considered as a default and will be subject to Provision I.C. "Termination/Suspension" and Provision II. Of the "Contract Remedies:" of the "Standard Contract Terms and Conditions".

DISCLOSURE OF SUBCONTRACTORS / JOINT VENTURES (See Standard Contract Terms and Conditions, Section (Roman numeral) V. General Provisions:, Paragraph Q.):

List names of subcontractors who will be performing work under the Contract.

KALMBACH - NONE _____

By the signature affixed to Page 1 of this Bid, Bidder hereby certifies that the above information is true and accurate. The Bidder agrees that no changes will be made to this list of subcontractors or locations where work will be performed or data will be stored without prior written approval of DAS. Any attempt by the Bidder/Contractor to change or otherwise alter subcontractors or locations where work will be performed or locations where data will be stored, without prior written approval of DAS, will be deemed as a default. If a default should occur, DAS will seek all legal remedies as set forth in the Terms and Conditions which may include immediate cancellation of the Contract. Failure to complete this page may deem your bid not responsive.

Bid Automobile Liability Checklist:

Contractor will indicate, by checking the appropriate box(es) below, which mode of transportation will apply to this contract.

- Bidder/Broker ("The Contractor") or their Sub Contractor will make delivery or be performing services using a vehicle that is owned, leased or rented. Provide Certificate of Insurance documenting automobile liability with a Combined Single Limit of \$500,000.00.
- Goods/Services will be delivered via common carrier.
- No employee or representative of the contractor will have cause to be on state property to make deliveries or to perform services.

SPECIAL CONTRACT TERMS AND CONDITIONS (Cont'd.)

FDA REGISTRATION: Pursuant to the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (the Bioterrorism Act) all domestic and foreign facilities that manufacture, process, pack or hold food for human or animal consumption in the United States are required to be registered with the Food & Drug Administration (FDA) no later than December 12, 2003. This registration includes owners, operators, or agents in charge of domestic or foreign facilities that manufacture/process, pack, or hold food for human or animal consumption in the United States. All domestic facilities, whether or not food enters interstate commerce, are required to register. Facilities may complete their registration with the FDA online at: <http://www.fda.gov/food/guidanceregulation/foodfacilityregistration/default.htm>

The bidder certifies that they or their supplier complies with this requirement.

SPECIFICATIONS

I. SCOPE AND CLASSIFICATION:

A. SCOPE: The state of Ohio, Department of Rehabilitation and Correction, Ohio Penal Industries, has requirements for various types of components, materials and supplies for mixing beef and dairy cattle feed rations. These items as identified in the specifications below, will be used at the Department of Rehabilitation and Correction, Ohio Penal Industries Farm Operations, locations listed in Appendix A on page 32 to this Bid/Contract.

B. BID ITEM CLASSIFICATION:

1. Soybean Meal – Bulk
2. Corn Gluten Feed Pellets – Bulk
3. OPI / ODRC Dairy Cow Protein Blend
4. OPI / ODRC London Protein Blend #2
5. OPI / ODRC Beef Feed Base R1000 – 25 Lb. Bag
6. OPI / ODRC Beef Feed Base R1000 – 50 Lb. Bag
7. OPI / ODRC Brood Cow Mineral – 25 Lb. Bag
8. OPI / ODRC Brood Cow Mineral – 50 Lb. Bag
9. OPI / ODRC Dairy Lactation Base R428 – 25 Lb. Bag
10. OPI / ODRC Dairy Lactation Base R428 – 50 lb. Bag
11. OPI / ODRC Dairy Heifer Base R1600 – 25 lb. Bag
12. OPI / ODRC Dairy Heifer Base R1600 – 50 lb. Bag
13. OPI / ODRC Dairy Cow Base R2160 – 25 lb. Bag
14. OPI / ODRC Dairy Cow Base R2160 – 50 lb. Bag
15. OPI / ODRC Dairy Cow Lactating Mineral R486 – 50 lb. Bag
16. OPI / ODRC Energy Booster 100 By-Pass Fat – 50 lb. Bag
17. Sodium Bicarbonate – 50 Lb. Bag
18. Salt – 50 Lb. Block
19. Dried Molasses Supplement – 50 Lb. Bag
20. Milk Replacer – 50 Lb. Bag
21. OPI / ODRC London Complete Calf Ration – 50 Lb. Bag
22. OPI / ODRC London Heifer Mineral 011913 - 50 Pound Bag
23. OPI / ODRC London Dry 011813 - 50 Pound Bag

SPECIFICATIONS (Cont'd)

II. REQUIREMENTS:

- A. All feed base, mineral mix and free choice items must be fresh and not over sixty (60) days old on the date of delivery.
- B. Except as specified, items must not have moisture content of more than 12.5%.
- C. All items must conform to the National Research Council (NRC) requirements.
- D. PRODUCT TAGS: Bidders should submit a sample of their actual product tag for each item bid (do not submit a typed sheet of contents). Any product tag submitted must be the same product tag on packaging of actual product furnished. All product tags under ingredients must name the specific sources of protein, fat, mineral and vitamin additives. All product tags submitted must be properly identified as to item bid, with that Bid Item number from the bid price pages. If not submitted with the bid response, Bidder(s) will have seven (7) calendar days after requested to furnish said product tag(s). Failure to submit product tags as requested may deem your bid not responsive.
- E. FORMULA AND NUTRIENT PROFILE: Bidders should submit the formula and nutrient profile for each item bid with their bid response. Formula and nutrient profiles submitted must be properly identified as to item bid with the bid item number from the bid price pages. Formula and nutrient profiles submitted with the bid shall remain constant and not changed by the Bidder/Contractor for the duration of the contract without permission of DAS Office of Procurement Services and the Ohio Department of Rehabilitation and Corrections Ohio Penal Industries Farm General Manager. If not submitted with the bid response, Bidders will have seven (7) calendar days after requested to furnish said formula and nutrient profile(s). Failure to submit same may deem your bid not responsive.
- F. BASE PRICE AND BID (MARK UP) PRICE FOR ITEMS 1. SOYBEAN MEAL, 3. OPI / ODRC DAIRY COW PROTEIN BLEND AND 4. OPI / ODRC LONDON PROTEIN BLEND #2: The BASE PRICE per Ton for Bid Items 1. Soybean Meal and 3. OPI / ODRC Dairy Cow Protein Blend and 4. OPI / ODRC London Protein Blend #2 shall be the "Daily Cash Price" from the Wall Street Journal Money & Investing Section "Daily Cash Price" Grains & Feeds Section for:

1. Soybean Meal Cent IL, rail, ton 48% u; on the date the State's order is placed with the contractor.

(An example of the WSJ's "Daily Cash Price" Grains & Feeds section is included as Appendix B, Page 33 to this Bid.) Daily cash prices for Soybean Meal and Corn Gluten Feed are also available at www.wsj.com/commodities ; Cash Commodity Prices.

The BID MARK UP PRICE(S) for bid items 1. Soybean Meal, 3. OPI / ODRC Dairy Cow Protein Blend and 4. OPI / ODRC London Protein Blend #2 required on Bid Price Pages 20 and 21 shall be the Bidder/Contractor's MARK UP price added to the BASE PRICE as described above for these items based upon delivery FOB Destination, Freight Prepaid. The process for pricing, billing and invoicing Soybean Meal, OPI/ODRC Dairy Cow Protein Blend and OPI / ODRC London Protein Blend #2 is delineated in Section III. A. below.

- G. BASE PRICE AND BID (MARK UP) PRICE FOR ITEM 2. CORN GLUTEN FEED PELLETS: The BASE PRICE per Ton for Bid Item 2. Corn Gluten Feed Pellets shall be the "Daily Cash Price" from the Wall Street Journal Money & Investing Section "Daily Cash Price" Grains & Feeds Section for:

1. Corn Gluten Feed, Midwest - u, w; on the date the State's order is placed with the contractor.

(An example of the WSJ's "Daily Cash Price" Grains & Feeds section is included as Appendix B, Page 33 to this Bid.) Daily cash prices for Soybean Meal and Corn Gluten Feed are also available at www.wsj.com/commodities ; Cash Commodity Prices.

The BID MARK UP PRICE for bid item 2. Corn Gluten Feed Pellets, required on Bid Price Page 20, and shall be the Bidder/Contractor's MARK UP price added to the BASE PRICE as described above for this item based upon delivery FOB Destination, Freight Prepaid. The process for pricing, billing and invoicing this item is delineated in Section III. A. below.

SPECIFICATIONS (Cont'd)

III. CONTRACT ORDERING AND PRICING PROCEDURES: After the contract is awarded, the following procedure shall be followed to place and price purchase order(s) with the contractor(s).

A. PRICING, BILLING & INVOICING; ITEMS 1. SOYBEAN MEAL, 2. CORN GLUTEN FEED PELLETS, 3. OPI/ODRC DAIRY COW PROTEIN BLEND and 4. OPI/ODRC London Protein Blend #2:

1. After orders are placed by agency authorized users, the contractor shall contact the ordering agency location on the day of or the day following shipment and provide the BASE PRICE prevailing on the day the order was placed as described in paragraph II. F. and/or G. above. After receipt of the BASE PRICE, the ordering agency location will then process a confirming purchase order.
2. When processing a confirming purchase order, the ordering agency shall add the contract MARK UP Price to the BASE PRICE for items 1. Soybean Meal, 2. Corn Gluten Feed Pellets, 3. OPI/ODRC Dairy Cow Protein Blend and 4. OPI/ODRC London Protein Blend #2. The sum of the BASE PRICE and MARK UP Price shall be the invoiced price for each item.
3. A copy of the Wall Street Journal "Daily Cash Price" listing showing the BASE PRICE for Soybean Meal, Corn Gluten Feed Pellets, OPI/ODRC Dairy Cow Protein Blend or OPI / ODRC London Protein Blend #2 as defined above must be enclosed and submitted with each invoice . (See Appendix B page 33 of this Bid/Contract for an example)
4. Each invoice must include the state of Ohio OAKS Item Number for each item delivered.
5. Additional charges for Soybean Meal, Corn Gluten Feed Pellets, OPI/ODRC Dairy Cow Protein Blend or OPI/ODRC London Protein Blend #2, if authorized by this Bid/Contract, must be itemized separately and identified by the appropriate state of Ohio OAKS Item number.

B. PRICING, BILLING & INVOICING FOR CONTRACT ITEMS 5 THROUGH 23:

1. Pricing for items 5 through 23 will be on a \$ USD per pound basis, FOB Delivered, in the packaging specified.
2. Each invoice must include the state of Ohio OAKS Item Number for each item delivered.
3. Additional charges for Beef Vitamin & Mineral Pre-Mix Items, if authorized by this Bid/Contract, must be itemized separately on the Contractor's invoice and properly identified by the appropriate state of Ohio OAKS item number.

C. PRODUCT ANALYSIS: The various OPI / ODRC farm locations subject to their discretion may from time-to-time retain the services of the Ohio Department of Agriculture Laboratories to perform component analysis of protein sources and mineral pre-mixes on this contract to verify conformance with the bid/contract item specifications in this section. If item(s) are found not to be in conformance with specifications, DAS on behalf of OPI will pursue contractual remedies as described in the Contract Terms and Conditions.

IV. ITEM SPECIFICATIONS

Bidders shall complete the right column listing their guaranteed analysis. Guaranteed Analysis must match Product Tags and formula and nutrient profile for each item submitted with or subsequent to the Bid.

Bid Item 1. Soybean Meal - Bulk		
Contractor: Kalmbach Feeds, Inc. – OAKS Vendor ID# 0000051068		
Content	Percent (%)	Bidder's Guaranteed Analysis (Percent %)
Minimum Crude Protein	45.0%	45%
Maximum Crude Fiber	3.5%	3.5%
Moisture Maximum	12.5%	12.5%

SPECIFICATIONS (Cont'd)

Bid Item 2. Corn Gluten Feed (Pelleted) - Bulk		
Content	Percent (%)	Bidder's Guaranteed Analysis (Percent %)
Minimum Crude Protein	18%	
Minimum Crude Fat	2%	
Maximum Crude Fiber	11%	NO
Maximum Acid Detergent Fiber	14%	AWARD
Maximum Sulfur	0.5%	

Bid Item 3. OPI / ODRC Dairy Cow Protein Blend - Bulk				
Contractor: Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 338ODRC				
A Protein Blend for Lactating Dairy Cows				
For increased milk production efficiency				
Ingredient	Formula		Bidders Shall Complete The Columns Below	
	Pct. As Fed	Lbs./Ton as Fed	Bidder's Guarantee Pct. As Fed	Bidder's Guarantee Lbs./Ton as Fed
Pelleted Soybean Hulls	45.208%	904.159	45.208 %	904.159
Aminoplus (See Note 1)	49.729%	994.575	49.729 %	994.575
Urea	5.063%	101.266	5.063 %	101.226
Total	100.000%	2000	100 %	2000
Ingredients				
Pelleted Soybean Hulls, Aminoplus, Urea				
Product shall be packaged in bulk as ordered				
Manufacturers product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed.				
Formula and Nutrient Profile Information shall be supplied with the Bid (See II. F. on bid page 6 above)				
Collective terms/item/ingredients are not acceptable.				
Note 1 – Amino-Plus is a soybean based protein made by AG Products, Inc. of Omaha, NE and is available from D&D Ingredient Distributors, Inc. at 5025 North Kill Rd. Delphos, OH 45833, (800) 543 7962. This product is sold in 50 lb. bags and in bulk.				

Bid Item 4 - OPI / ODRC London Protein Blend #2 - Bulk				
Contractor: Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 333ODRC				
Ingredient	Formula		Bidders Shall Complete the Columns Below	
	Pct. As Fed	Lbs./Ton as Fed	Bidder's Guarantee Pct.as Fed	Bidders Guarantee Lbs./Ton Fed
Soybean Hulls	48.359%	967.185	48.359 %	967.185
Tallow	4.318%	86.356	4.318 %	86.356
Urea	2.418%	48.359	2.418 %	48.359
Amino Plus™ (See Note 1)	44.905%	898.100	44.905 %	898.1
Total	100%	2000	100 %	2000
Product shall be delivered in Bulk in auger vehicles as specified on purchase				
Manufacturer's product tag should be supplied with the bid and shall list all ingredients using the ingredients required above.				
Formula and nutrient profile may be required. (See II. E. on bid page 6 above)				
Note 1 - Amino-Plus is a soybean based protein made by AG Products, Inc. of Omaha, NE and is available from D&D Ingredient Distributors, Inc. at 5025 North Kill Rd. Delphos, OH 43833 (800) 543 7962. This product is sold in 50 Lb. Bags and in Bulk				
Collective Terns/Items are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the two blank right columns indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

BID ITEMS # 5. & 6. - OPI / ODRC R1000 BEEF BASE				
Contractor: Kalmbach Feeds, Inc. OAKS Vendor ID # 000051068 – Kalmbach Item 5250ODRC				
For the prevention and control of coccidiosis caused by Eimeria bovis and Eimeria zuernii and improved feed efficiency.				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder Shall Complete the Following - Bidder's Source of Nutrient Requirement (use additional sheet(s) if necessary)
Calcium, Minimum	%	22.23%	22.23 %	Calcium Carbonate
Calcium, Maximum	%	27.18%	27.18 %	Calcium Carbonate
Phosphorus, Minimum	%	0.00%		N/A
Salt, Minimum	%	7.26%	7.26 %	Sodium Chloride
Salt, Maximum	%	8.87%	8.87 %	Sodium Chloride
Magnesium, Minimum	%	1.30%	1.30 %	Magnesium Oxide
Potassium, Minimum	%	5.65%	5.65 %	Potassium Chloride
Sulfur, Minimum	%	0.75%	.75 %	Calcium Sulfate
Copper, Minimum	ppm	410	410	Copper Sulfate
Selenium, Minimum	ppm	13.5	13.5	Sodium Selenite
Zinc, Minimum	ppm	1,640	1,640	Zinc Sulfate
Iron, Minimum	ppm	820	820	Iron Sulfate
Manganese, Minimum	ppm	1,640	1,640	Manganese Sulfate
Iodine, Minimum	ppm	36	36	Ethylenediamine Dihydriodide
Cobalt, Minimum	ppm	8.25	8.25	Cobalt Sulfate
Vitamin A, Minimum	IU/lb	82,000	82,000	Vitamin A Acetate
Vitamin D, Minimum	IU/lb	10,250	10,250	D-Activated Animal Sterol
Vitamin E, Minimum	IU/lb	102	102	Di-Alpha Tocopherol
Thiamine	mgs/lb	300	300	Thiamine Mononitrate
Active Drug Ingredient				
Monesin	g/Ton	1,000	1,000	Rumensin
Ingredients				
Calcium Carbonate, Potassium Chloride, Salt, Distillers Dried Grains with Solubles, Magnesium Oxide, Vegetable Oil, Flour of Sulfur, Thiamine Mononitrate, Manganous Oxide, Ferrous Sulfate, Zinc Sulfate, Copper Sulfate, Sodium Selenite, Vitamin E Supplement, Vitamin A Acetate in Gelatin, Mineral Oil, Vitamin D3 Supplement Ethylenediamine Dihydroiodide and Cobalt Carbonate.				
Product shall be packaged as ordered in 25 and 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed				
Carrier should be Dried Distillers Grains				
Formula and Nutrient Profile Information should be supplied with the Bid (See II. E. on bid page 6 above)				
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the two blank right columns indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

BID ITEM # 7 25 Lb. Bags Only - OPI / ODRC BROOD COW MINERAL				
Cargill, Inc. dba Cargill Animal Nutrition – OAKS Vendor ID # 0000099442				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder Shall Complete the Following - Bidder's Source of Nutrient Requirement (use additional sheet(s) if necessary)
Calcium, Minimum	%	11.76%	13.2%	Iowa Limestone
Calcium, Maximum	%	14.38%	13.2%	Iowa Limestone
Phosphorus, Minimum	%	8.00%	8.0%	Mosaic / PCS
Salt, Minimum	%	17.10%	19.10%	Morton
Salt, Maximum	%	20.91%	19.10%	Morton
Magnesium, Minimum	%	4.00%	4.0%	Baymag
Potassium, Minimum	%	0.20%	.20%	Mosaic
Sulfur, Minimum	%	0.90%	.90%	Prince
Copper, Minimum	ppm	3,000	3,000	Old Bridge / Auimag
Total Selenium, Minimum	ppm	40	40	Prince
Selenium from Organic Selenium Yeast, Minimum	ppm	14.21	14.21	Alltech
Zinc, Minimum	ppm	5,910	5,910	Agriam
Iron, Minimum	ppm	2,000	200	SEM
Manganese, Minimum	ppm	4,750	4,750	Prince
Iodine, Minimum	ppm	100	100	Prince
Cobalt, Minimum	ppm	150	150	Prince
Vitamin A, Minimum	IU/lb	400,000	400,000	BASF
Vitamin D, Minimum	IU/lb	41,000	41,000	ZMC
Vitamin E, Minimum	IU/lb	500	500	BASF
Thiamine	mgs/lb	415	415	ZMC
INGREDIENTS				
Monocalcium Phosphate, Salt, Calcium Carbonate, Magnesium Oxide, Dry Molasses, Distillers Dried Grains with Solubles, Manganese Sulfate, Zinc Sulfate, Vegetable Oil, Copper Sulfate, Organic Selenium Yeast, Iron Sulfate, Sodium Selenite, Vitamin D3 Supplement, Vitamin E Supplement, Vitamin A Acetate in Gelatin, Ethylenediamine Dihydroiodide, Thiamine Mononitrate and Cobalt Sulfate				
Product shall be packaged as ordered in 25 and 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed				
Carrier should be Dried Distillers Grains				
Formula and Nutrient Profile Information shall be supplied with the Bid (See II. E. on bid page 6 above)				
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the two blank right columns indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

BID ITEM # 8 50 Lb. Bags Only - OPI / ODRC BROOD COW MINERAL				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 55150				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder Shall Complete the Following - Bidder's Source of Nutrient Requirement (use additional sheet(s) if necessary)
Calcium, Minimum	%	11.76%	11.76 %	Calcium Carbonate
Calcium, Maximum	%	14.38%	14.38 %	Calcium Carbonate
Phosphorus, Minimum	%	8.00%	8.00 %	Monocalcium Phosphate
Salt, Minimum	%	17.10%	17.10 %	Sodium Chloride
Salt, Maximum	%	20.91%	20.91 %	Sodium Chloride
Magnesium, Minimum	%	4.00%	4.00 %	Magnesium Oxide
Potassium, Minimum	%	0.20%	.20 %	N/A
Sulfur, Minimum	%	0.90%	.90 %	Trace Mineral Distillers
Copper, Minimum	ppm	3,000	3,000	Copper Sulfate
Total Selenium, Minimum	ppm	40	40	Sodium Selenite
Selenium from Organic Selenium Yeast, Minimum	ppm	14.21	14.21	Selenium Yeast
Zinc, Minimum	ppm	5,910	5,910	Zinc Sulfate
Iron, Minimum	ppm	2,000	2,000	Iron Sulfate
Manganese, Minimum	ppm	4,750	4,750	Manganese Sulfate
Iodine, Minimum	ppm	100	100	Ethylenediamine Dihydriodide
Cobalt, Minimum	ppm	150	150	Cobalt Sulfate
Vitamin A, Minimum	IU/lb.	400,000	400,000	Vitamin A Acetate
Vitamin D, Minimum	IU/lb.	41,000	41,000	D-Activated Animal Sterol
Vitamin E, Minimum	IU/lb.	500	500	di-Alpha Tocopherol
Thiamine	mgs/lb.	415	415	Thiamine Mononitrate
INGREDIENTS				
Monocalcium Phosphate, Salt, Calcium Carbonate, Magnesium Oxide, Dry Molasses, Distillers Dried Grains with Solubles, Manganese Sulfate, Zinc Sulfate, Vegetable Oil, Copper Sulfate, Organic Selenium Yeast, Iron Sulfate, Sodium Selenite, Vitamin D3 Supplement, Vitamin E Supplement, Vitamin A Acetate in Gelatin, Ethylenediamine Dihydroiodide, Thiamine Mononitrate and Cobalt Sulfate				
Product shall be packaged as ordered in 25 and 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed				
Carrier should be Dried Distillers Grains				
Formula and Nutrient Profile Information shall be supplied with the Bid (See II. E. on bid page 6 above)				
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the two blank right columns indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

BID ITEM # 9 25 Lb. Bags ONLY OPI / ODRC DAIRY LACTATION BASE - R428				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 33225				
Medicated Vitamin and Mineral Base For Lactating Dairy Cattle				
For increased milk production efficiency (production of marketable solids-corrected milk per unit of feed intake) in dairy cows.				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder Shall Complete the Following - Bidder's Source of Nutrient Requirement (use additional sheet(s) if necessary)
Calcium, Minimum	%	9.91%	9.91 %	Calcium Carbonate
Calcium, Maximum	%	12.11%	12.11 %	Calcium Carbonate
Phosphorus, Minimum	%	5.40%	5.4 %	Monocalcium Phosphate
Salt, Minimum	%	12.26%	12.26 %	Sodium Chloride
Salt, Maximum	%	14.99%	14.99 %	Sodium Chloride
Magnesium, Minimum	%	2.90%	2.90 %	Magnesium Oxide
Potassium, Minimum	%	0.65%	.65 %	Potassium Sulfate
Sulfur, Minimum	%	1.15%	1.15 %	Magnesium Sulfate
Copper, Minimum	ppm	555	555	Copper Sulfate, Copper Amino Acid Complex
Selenium, Minimum	ppm	14	14	Sodium Selenite
Zinc, Minimum	ppm	2,100	2,100	Zinc Sulfate, Zinc Amino Acid Complex
Iron, Minimum	ppm	300	300	Iron Sulfate
Manganese, Minimum	ppm	1,700	1,700	Manganese Sulfate, Manganese Amino Acid Complex
Iodine, Minimum	ppm	22	22	Ethylenediamine Dihydroiodide
Cobalt, Minimum	ppm	55	55	Cobalt Sulfate, Cobalt Gluconheptonate
Vitamin A, Minimum	IU/lb	100,600	100,600	Vitamin A Acetate
Vitamin D, Minimum	IU/lb	23,200	23,200	D-Activated Animal Sterol
Vitamin E, Minimum	IU/lb	875	875	di-Alpha Tocopherol
Active Drug Ingredient				
Monesin	g/Ton	428	428	Rumensin
Ingredients				
Calcium Carbonate, Bicarbonate of Soda, Salt, Dicalcium Phosphate, Monocalcium Phosphate, Yeast Culture, Magnesium Oxide, Potassium Sulfate, Magnesium Sulfate, Zinc Amino Acid Chelate, Copper Amino Acid Chelate, Manganese Amino Acid Chelate, Cobalt Gluconheptonate, Vegetable Oil, Manganous Oxide, Zinc Oxide, Copper Sulfate, Ferrous Sulfate, Sodium Selenite, Vitamin E Supplement, Vitamin A Acetate in Gelatin, Vitamin D3 Supplement, Sodium Bentonite, Dried Distillers Grains with Solubles, Alumino-silicate, Propionic Acid, Sodium Carbonate, Calcium Hydroxide, Amorphous Silicon Dioxide, Lemon Oil, Ammonium Hydroxide, Benzoic Acid, Phosphoric Acid, Sorbic Acid, Propylparaben, Methylparaben, Butylated Hydroxyanisole, Tertiary Butyl Hydroquinone, Aspartic Acid, Lactic Acid, Calcium Lactate, Citric Acid, Papain, Sodium Potassium Tartrate and Calcium Pantothenate Ethylenediamine Dihydroiodide, Ethoxyquin and Cobalt Carbonate				
EACH TON OF PRODUCT SHALL CONTAIN THE FOLLOWING:				
444 pounds of Bicarbonate of Soda or equivalent per ton				
172 pounds Diamond V Yeast XP or equivalent per ton				
43 pounds Zinpro 4-Plex or equivalent per ton				
20 pounds vegetable oil or equivalent per ton for dust control				
Nutrisound or equivalent mycotoxin additive - recommended dose per 1.4 pounds of product				
Carrier should be Dried Distillers Grains				
Product shall be packaged as ordered in 25 and 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed				
Formula and Nutrient Profile Information should be supplied with the Bid (See II. E. on bid page 6 above)				
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the two blank right columns indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

BID ITEM # 10 50 Lb. Bags ONLY OPI / ODRC DAIRY LACTATION BASE - R428				
Cargill, Inc. dba Cargill Animal Nutrition – OAKS Vendor ID # 0000099442				
Medicated Vitamin and Mineral Base For Lactating Dairy Cattle				
For increased milk production efficiency (production of marketable solids-corrected milk per unit of feed intake) in dairy cows.				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder Shall Complete the Following - Bidder's Source of Nutrient Requirement (use additional sheet(s) if necessary)
Calcium, Minimum	%	9.91%	11.0%	Iowa Limestone
Calcium, Maximum	%	12.11%	11.0%	Iowa Limestone
Phosphorus, Minimum	%	5.40%	5.40%	Mosaic/PCS
Salt, Minimum	%	12.26%	13.6%	Morton
Salt, Maximum	%	14.99%	13.6%	Morton
Magnesium, Minimum	%	2.90%	2.90%	Baymay
Potassium, Minimum	%	0.65%	.65%	Mosaic
Sulfur, Minimum	%	1.15%	1.15%	Prince
Copper, Minimum	ppm	555	555	Old Bridge/Quimag
Selenium, Minimum	ppm	14	14	Prince
Zinc, Minimum	ppm	2,100	2,100	Agrium
Iron, Minimum	ppm	300	300	SEM
Manganese, Minimum	ppm	1,700	1.700	Prince
Iodine, Minimum	ppm	22	22	Prince
Cobalt, Minimum	ppm	55	55	Prince
Vitamin A, Minimum	IU/lb	100,600	100,600	BASF
Vitamin D, Minimum	IU/lb	23,200	23,200	ZMC
Vitamin E, Minimum	IU/lb	875	875	BASF
Active Drug Ingredient				
Monesin	g/Ton	428	428	Elanco
Ingredients				
Calcium Carbonate, Bicarbonate of Soda, Salt, Dicalcium Phosphate, Monocalcium Phosphate, Yeast Culture, Magnesium Oxide, Potassium Sulfate, Magnesium Sulfate, Zinc Amino Acid Chelate, Copper Amino Acid Chelate, Manganese Amino Acid Chelate, Cobalt Glucoheptonate, Vegetable Oil, Manganous Oxide, Zinc Oxide, Copper Sulfate, Ferrous Sulfate, Sodium Selenite, Vitamin E Supplement, Vitamin A Acetate in Gelatin, Vitamin D3 Supplement, Sodium Bentonite, Dried Distillers Grains with Solubles, Alumino-silicate, Propionic Acid, Sodium Carbonate, Calcium Hydroxide, Amorphous Silicon Dioxide, Lemon Oil, Ammonium Hydroxide, Benzoic Acid, Phosphoric Acid, Sorbic Acid, Propylparaben, Methylparaben, Butylated Hydroxyanisole, Tertiary Butyl Hydroquinone, Aspartic Acid, Lactic Acid, Calcium Lactate, Citric Acid, Papain, Sodium Potassium Tartrate and Calcium Pantothenate Ethylenediamine Dihydroiodide, Ethoxyquin and Cobalt Carbonate				
EACH TON OF PRODUCT SHALL CONTAIN THE FOLLOWING:				
444 pounds of Bicarbonate of Soda or equivalent per ton				
172 pounds Diamond V Yeast XP or equivalent per ton				
43 pounds Zinpro 4-Plex or equivalent per ton				
20 pounds vegetable oil or equivalent per ton for dust control				
Nutrisound or equivalent mycotoxin additive - recommended dose per 1.4 pounds of product				
Carrier should be Dried Distillers Grains				
Product shall be packaged as ordered in 25 and 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed				
Formula and Nutrient Profile Information should be supplied with the Bid (See II. E. on bid page 6 above)				
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the two blank right columns indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

BID ITEM # 11 25 Lb. Bags ONLY OPI / ODRC DAIRY HEIFER BASE - R1600				
Cargill, Inc. dba Cargill Animal Nutrition – OAKS Vendor ID # 0000099442				
Mineral & Vitamin Base for Replacement Dairy Heifers				
For increased rate of weight gain in pasture cattle (slaughter, stocker, feeder cattle and dairy and beef replacement heifers). For the prevention and control of coccidiosis caused by Eimeria bovis and Eimeria zuernii.				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder Shall Complete the Following - Bidder's Source of Nutrient Requirement (use additional sheets if necessary)
Calcium, Minimum	%	9.59%	10.60%	Iowa Limestone
Calcium, Maximum	%	11.72%	10.60%	Iowa Limestone
Phosphorus, Minimum	%	7.00%	7.0%	Mosaic
Salt, Minimum	%	19.80%	22.10%	Morton
Salt, Maximum	%	24.21%	22.10%	Morton
Magnesium, Minimum	%	3.10%	3.36%	Baymag
Potassium, Minimum	%	0.25%	.25%	Mosaic
Sulfur, Minimum	%	0.90%	.90%	Prince
Copper, Minimum	ppm	1,000	1,000	Old Bridge / Quimag
Selenium, Minimum	ppm	30	30	Prince
Zinc, Minimum	ppm	4,000	4,000	Agrium
Iron, Minimum	ppm	2,000	2,000	SEM
Manganese, Minimum	ppm	4,000	4,000	Prince
Iodine, Minimum	ppm	85	85	Prince
Cobalt, Minimum	ppm	20	20	Prince
Vitamin A, Minimum	IU/lb	310,000	310,000	BASF
Vitamin D, Minimum	IU/lb	51,000	51,000	ZMC
Vitamin E, Minimum	IU/lb	1,375	1,375	BASF
Active Drug Ingredient				
Monesin	g/Ton	1,600	1600	Elanco
Ingredients				
Monocalcium Phosphate, Salt, Corn Distillers Dried Grains with Solubles, Calcium Carbonate, Magnesium Oxide, Calcium Sulfate, Potassium Sulfate, Magnesium Sulfate, Vegetable Oil, Manganese Oxide, Ferrous Sulfate, Zinc Sulfate, Copper Sulfate, Sodium Selenite, Vitamin E Supplement, Vitamin A Acetate in Gelatin, Vitamin D3 Supplement, Ethylenediamine Dihydroiodide, Ethoxyquin and Cobalt Carbonate.				
Carrier should be Dried Distillers Grains				
Product shall be packaged in 25 and 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed				
Vegetable Oil shall be added at 20 pounds per ton for dust control.				
Formula and Nutrient Profile Information shall be supplied with the Bid (See II. E. on bid page 6 above)				
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the two blank right columns indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

BID ITEM # 12 50 Lb. Bags Only OPI / ODRC DAIRY HEIFER BASE - R1600				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 330650				
Mineral & Vitamin Base for Replacement Dairy Heifers				
For increased rate of weight gain in pasture cattle (slaughter, stocker, feeder cattle and dairy and beef replacement heifers). For the prevention and control of coccidiosis caused by Eimeria bovis and Eimeria zuernii.				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder Shall Complete the Following - Bidder's Source of Nutrient Requirement (use additional sheets if necessary)
Calcium, Minimum	%	9.59%	9.59 %	Calcium Carbonate
Calcium, Maximum	%	11.72%	11.72 %	Calcium Carbonate
Phosphorus, Minimum	%	7.00%	7.00 %	Monocalcium Phosphate
Salt, Minimum	%	19.80%	19.80 %	Sodium Chloride
Salt, Maximum	%	24.21%	24.21 %	Sodium Chloride
Magnesium, Minimum	%	3.10%	3.10 %	Magnesium Oxide
Potassium, Minimum	%	0.25%	0.25 %	Potassium Sulfate, Potassium Chloride
Sulfur, Minimum	%	0.90%	0.90 %	Potassium Sulfate, Magnesium Sulfate
Copper, Minimum	ppm	1,000	1,000	Copper Sulfate
Selenium, Minimum	ppm	30	30	Sodium Selenite
Zinc, Minimum	ppm	4,000	4,000	Zinc Sulfate
Iron, Minimum	ppm	2,000	2,000	Iron Sulfate
Manganese, Minimum	ppm	4,000	4,000	Manganese Sulfate
Iodine, Minimum	ppm	85	85	Ethylenediamine Dihydriodide
Cobalt, Minimum	ppm	20	20	Cobalt Sulfate
Vitamin A, Minimum	IU/lb.	310,000	310,000	Vitamin A Acetate
Vitamin D, Minimum	IU/lb.	51,000	51,000	D-Activated Animal Sterol
Vitamin E, Minimum	IU/lb.	1,375	1,375	di-Alpha Tocopherol
Active Drug Ingredient				
Monesin	g/Ton	1,600	1,600	Rumensin
Ingredients				
Monocalcium Phosphate, Salt, Corn Distillers Dried Grains with Solubles, Calcium Carbonate, Magnesium Oxide, Calcium Sulfate, Potassium Sulfate, Magnesium Sulfate, Vegetable Oil, Manganous Oxide, Ferrous Sulfate, Zinc Sulfate, Copper Sulfate, Sodium Selenite, Vitamin E Supplement, Vitamin A Acetate in Gelatin, Vitamin D3 Supplement, Ethylenediamine Dihydroiodide, Ethoxyquin and Cobalt Carbonate.				
Carrier should be Dried Distillers Grains				
Product shall be packaged in 25 and 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed				
Vegetable Oil shall be added at 20 pounds per ton for dust control.				
Formula and Nutrient Profile Information shall be supplied with the Bid (See II. E. on bid page 6 above)				
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the two blank right columns indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

BID ITEMS # 13. & 14. OPI / ODRC DAIRY COW BASE - R2160				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Items 39025 & 39050				
Mineral & Vitamin Base for Non-Lactating Dairy Cattle				
For increased milk production efficiency (production of marketable solids - corrected milk per unit of feed intake) in dairy cows.				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder Shall Complete the Following - Bidder's Source of Nutrient Requirement (use additional sheets if necessary)
Calcium, Minimum	%	9.27%	9.27 %	Calcium Carbonate
Calcium, Maximum	%	11.33%	11.33 %	Calcium Carbonate
Phosphorus, Minimum	%	5.40%	5.40 %	Monocalcium Phosphate
Salt, Minimum	%	12.25%	12.25 %	Sodium Chloride
Salt, Maximum	%	14.98%	14.98 %	Sodium Chloride
Magnesium, Minimum	%	12.75%	12.75 %	Magnesium Oxide
Potassium, Minimum	%	0.00%	0.00 %	N/A
Sulfur, Minimum	%	1.90%	1.90 %	Calcium Sulfate
Copper, Minimum	ppm	1,500	1,500	Copper Sulfate
Total Selenium, Minimum	ppm	38	38	Sodium Selenite, Selenium Yeast
Selenium from Organic Selenium Yeast, Minimum	ppm	13	13	Selenium Yeast
Zinc, Minimum	ppm	6,500	6,500	Zinc Sulfate
Iron, Minimum	ppm	1,250	1,250	Iron Sulfate
Manganese, Minimum	ppm	5,900	5,900	Manganese Sulfate
Iodine, Minimum	ppm	100	100	Ethylenediamine Dihydroiodide
Cobalt, Minimum	ppm	69	69	Cobalt Sulfate
Vitamin A, Minimum	IU/lb	368,500	368,500	Vitamin A Acetate
Vitamin D, Minimum	IU/lb	98,000	98,000	D-Active Animal Sterol
Vitamin E, Minimum	IU/lb	4,550	4,550	di-Alpha Tocopherol
Active Drug Ingredient				
Monesin	g/Ton	2,160	2,160	Rumenin
Ingredients				
Monocalcium Phosphate, Magnesium Oxide, Salt, Calcium Carbonate, Calcium Sulfate, Corn Distillers Dried Grains with Solubles, Vitamin E Supplement, Vegetable Oil, Manganous Oxide, Zinc Oxide, Organic Selenium Yeast, Copper Sulfate, Ferrous Sulfate, Sodium Selenite, Vitamin E Supplement, Vitamin A Acetate in Gelatin, Vitamin D3 Supplement, Ethylenediamine Dihydroiodide, Ethoxyquin and Cobalt Carbonate				
Carrier should be Dried Distillers Grains				
Product shall be packaged in 25 and 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed				
Vegetable Oil shall be added at 20 pounds per ton for dust control.				
Formula and Nutrient Profile Information shall be supplied with the Bid (See II. E. on bid page 6 above)				
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bid Item 15. OPI / ODRC Dairy Cow Lactating Mineral R486				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 38050				
Concentrated Feed for Lactating Dairy Cows				
Formula for increased milk production efficiency				
Ingredient	Formula		Bidders Shall Complete The Columns Below	
	Pct. as Fed	Lbs./Ton as Fed	Bidder's Guarantee Pct. As Fed	Bidder's Guarantee Lbs./Ton as Fed
Calcium Carbonate	31.138%	622.768	31.138 %	622.768
Monocalcium Phosphate	1.559%	31.177	1.559 %	31.177
Magnesium Oxide 56%	5.066%	101.325	5.066 %	101.325
Salt	19.486%	389.712	19.486 %	389.712
Sodium Bicarbonate	31.177%	623.529	31.177 %	623.529
Barton-Kiefer VTM #2 Premix (See Note 2)	7.794%	155.885	7.794 %	155.885
Alimet	3.507%	70.148	3.507 %	70.148
Rumensin 90g (Monensin) (Active Drug Ingredient)	0.273%	5.456	0.273 %	5.456
Total	100.000 %	2000.000	100.000 %	2000
Ingredients				
Calcium Carbonate, Sodium Bicarbonate, Salt, Magnesium Oxide, Methionine MHA, Monocalcium Phosphate, Vitamin E Supplement, Sodium Selenite, Manganese Sulfate, Zinc Sulfate, Vitamin A Supplement, Vitamin D3 Supplement, Copper Sulfate, Cobalt Carbonate, Ethylenediamine Dihydroiodide and Mineral Oil				
Product shall be packaged in 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag shall be supplied with the bid and shall list ingredients in order of formula weight using the ingredients listed.				
Formula and Nutrient Profile Information shall be supplied with the Bid (See II. E. on bid page 6 above).				
Collective terms/items/ingredients are not acceptable				
Note 2 – Barton-Kiefer VTM #2 Premix is a proprietary vitamin and mineral blend available from D&D Ingredient Distributors, Inc. at 5025 North Kill Rd. Delphos, OH 45833, (800) 543 7962 and is sold in 50 lb. bags. Farm managers and OPI's dairy nutritionist will work with the successful bidder in obtaining access to this proprietary product. Bidders may contact D&D Ingredient Distributors for price quotes and information on this item.				

SPECIFICATIONS (Cont'd)

BID ITEM 16 - OPI / ODRC ENERGY BOOSTER 100 BY- PASS FAT				
Cargill, Inc. dba Cargill Animal Nutrition – OAKS Vendor ID # 0000099442				
98% Fatty Acid formulated as a rumen-inert, non-degradable fat source for ruminants				
Vitamin/Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following - Bidder's Guarantee by unit	Bidder shall indicate name of the brand/item bid
Total Fatty Acids	%	98.00%	98 %	Milk Specialties Energy Booster 100 ®
Unsaturated Free Fatty Acids	%	85.00%	85 %	
Un-Spoilable Fat	%	Less Than 2%	Less Than 2 %	
Fat Melting Point	Degrees F.	120 deg. to 125 deg. F.	120 deg. To 125 deg. F	
Packaging: 50 Lb. 3-ply bags with plastic/poly liner.				

Bidders shall complete the two blank right columns below indicating Bidder's Minimum Guarantee by Unit and Bidder's source of nutrient requirement.

Bid Item 17. - Sodium Bicarbonate – 50 Pound Bags				
Cargill, Inc. dba Cargill Animal Nutrition – OAKS Vendor ID # 0000099442				
Must be a white crystalline powder, animal feed grade suitable for dairy and beef rations.				
Vitamin / Mineral	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following Bidders Guarantee by Unit	Bidder Shall Complete the Following Bidders Source of Nutrient Requirement (use additional sheets if necessary)
Sodium, total (Na dry basis)	Pct.	27.10%	27.10 %	Sodium
Sodium Bicarbonate (NaHCO3)	Pct.	95.70%	99.0 %	Sodium Bicarbonate
Arsenic (As)	ppm	3	3	As
Heavy Metals (as Pb)	ppm	5	5	Pb
Molecular Weight		84.01	84.01	N/A
Specific Gravity @ 20 deg. C, minimum		2.16	2.16	N/A
Bulk Density, minimum		53 lb/ft3	65 lb/ft3	N/A
pH of 1% solution	Pct.	8.3 - 8.5	8.4 %	N/A
Product shall be delivered in 50 Lb. 3-ply kraft plastic lined or poly bags as standard to the industry.				

Bid Item 18. - Regular Salt, Evaporated 97% TO 99% Pure- 50 Lb. Blocks				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item WSWIBL				
Ingredients	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following Bidders Guarantee by Unit	
Salt (NaCl) Evaporated 97% TO 99% Pure - 50 Lb. Block	Pct.	97% to 99%	99.6 % Cargill Champions Choice	
Collective terms/items/ingredients are not acceptable.				

SPECIFICATIONS (Cont'd)

Bidders shall complete the right columns listing their guarantee. (Guarantee must match Product Tags and/or formula and nutrient profile for each item submitted with or subsequent to the Bid).

Bid Item 19. - Dried Molasses Supplement - 50 Lb. Bag			
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach item Dried Molasses			
Ingredients	Unit	Required Product Tag Guaranteed Analysis	Bidder Shall Complete the Following Bidders Guarantee by Unit
Crude Protein (Minimum)	Pct.	5.0%	5.0 %
Crude Fat (Minimum)	Pct.	0.3%	0.3 %
Crude Fiber (Minimum)	Pct.	30.00%	30.00 %
Total Sugars (Minimum)	Pct.	38.0%	38.0 %
Moisture (Maximum)	Pct.	6%	6 %
Product shall be delivered in 50 Lb. 3-ply kraft plastic lined or poly bags as standard to the industry.			
Manufacturer's product tag should be supplied with the bid and shall list ingredients in order of formula weight listing the ingredients used.			
Formula and nutrient profile should be supplied with the bid (See II.E. on bid page 6 above).			

Bid Item 20. - Milk Replacer	
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item Milk Magic 20/20 All Milk Milk Replacer DQ	
Manufacturer , Brand / Item or Equal To any of the following Items	Bidder shall indicate Name of the Brand / Item Bid
Nurture Basic 20/20 With Deccox	Kalmbach Milk Magic 20/20 All Milk w/DQ
Snowflakes 20/20 With Deccox	
Alvita Supreme 20/20 With Deccox	
Packaging: Bidder shall indicate packaging type and package weight for this item: <u>50 Lb. kraft paper bags lined with plastic or poly.</u>	
The use of the brand name in this specification is for the purpose of describing the base standard of quality, performance and characteristics desired and is not intended to limit or restrict competition. Substantially equivalent item(s) to those designated above will be considered for award. If a Bidder offers an alternate/substantially equivalent item, the Bidder must state and make a case for the equivalency, OPI/ODRC's Dairy Nutritionist shall be the final authority on whether the brand offered is an equal.	

SPECIFICATIONS (Cont'd)

Bidders shall complete the right columns listing their guarantee. (Guarantee must match Product Tags and/or formula and nutrient profile for each item submitted with or subsequent to the Bid).

Bid Item 21. - OPI / ODRC London Complete Calf Ration Premix Pellets - 50 Lb. Bags				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 332ODRC				
Ingredients	Percent of Formula as Fed	Lbs. Per Ton As Fed	Bidder Shall Complete the Following Guarantee by Percentage	Bidder Shall Complete the following Guarantee by Formulation Weight
Soybean Meal 48%	49.530%	990.618	49.530 %	990.618
Dried Distillers Grains w/Solubles	22.514%	450.281	22.514 %	450.281
Wheat Middlings	20.263%	405.253	20.263 %	405.253
Calcium Carbonate	2.743%	54.865	2.743 %	54.865
Salt	1.477%	29.543	1.477 %	29.543
Sodium Bicarbonate	1.477%	29.543	1.477 %	29.543
Barton-Kiefer VTM#2 Premix w/Selenium	0.433%	8.441	0.433 %	8.441
Vitamin D (16 mill IU/lb)	0.038%	0.76	0.038 %	0.76
Vitamin E (20,000 IU/lb)	0.844%	16.822	0.844 %	16.822
Vitamin A (30,000 IU/lb)	0.106%	2.11	0.106 %	2.11
CTC 50 g	0.338%	6.754	0.338 %	6.754
Bovatec™ *	0.090%	1.898	0.090 %	1.898
Alimet™	0.158%	3.152	0.158 %	3.152
Total	100.0%	2000	100.0 %	2000
Product is to be Pelleted.				
Product shall be delivered in 50 lb. Kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag should be supplied with the Bid and shall list ingredients in order of formula weight listing the ingredients used.				
Formula and nutrient profile may be required. (See II. E. on Bid page 6 above.)				
Collective Terms/Items are not acceptable.				
Note 1 - Barton-Kiefer VTM #2 Premix w/Selenium is a proprietary vitamin and mineral blend available from D&D Ingredient Distributors, Inc. at 5025 North Kill Rd. Delphos, OH 45833 (800) 543 7962 and is sold in 50 lb. bags. OPI / ODRC farm managers and OPI's dairy nutritionist will work with the successful bidder in obtaining access to this proprietary product. Bidders may contact D&D Ingredient Distributors for price Quotes and information on this item.				

* Exception taken by Contractor Kalmbach Feeds, Inc. who advised that FDA regulations prohibit the use of Rumensin 90g (Monensin) with CTC 50g. OPI Farm Administrator T. Cowell verified and approved this exception for the substitution of Bovatec™ for Rumensin 90g (Monensin). Date of approval: 08/18/14 (eMail on file).

SPECIFICATIONS (Cont'd)

Bidders shall complete the right columns listing their guarantee. (Guarantee must match Product Tags and/or formula and nutrient profile for each item submitted with or subsequent to the Bid).

Bid Item 22. - OPI / ODRC London Heifer Mineral 011913 - 50 Pound Bags				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 304ODRC				
	Formula		Bidders Shall Complete The Columns Below	
Vitamin / Mineral	Pct. As Fed	Lbs./Ton as Fed	Bidder's Guarantee Pct. As Fed	Bidder's Guarantee Lbs./Ton Fed
Wheat Middlings	26.087%	521.739	26.087 %	521.739
Calcium Carbonate	32.543%	650.869	32.543 %	650.869
Dicalcium Phosphate	6.522%	130.435	6.522 %	130.435
Magnesium Oxide	3.696%	73.913	3.696 %	73.913
Salt	21.739%	434.783	21.739 %	434.783
Barton-Kiefer VTM #2 Premix with Selenium (See Note 1)	6.522%	130.435	6.522 %	130.435
Vitamin E 20 K	2.174%	43.478	2.174 %	43.478
Rumensin 90 g	0.717%	14.348	0.717 %	14.348
Total	100.000%	2000.000	100.000 %	2000.000
<p>Note 1 – Barton-Kiefer VTM #2 Premix w/Selenium is a proprietary vitamin and mineral blend available from D&D Ingredient Distributors, Inc. at 5025 North Kill Rd. Delphos, OH 45833, (800) 543 7962 and is sold in 50 lb. bags. Farm managers and OPI's dairy nutritionist will work with the successful bidder in obtaining access to this proprietary product. Bidders may contact D&D Ingredient Distributors for price quotes and information on this item.</p>				
<p>Product shall be packaged in 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.</p>				
<p>Manufacturer's product tag should be supplied with the bid and shall list all ingredients using the ingredients required above.</p>				
<p>Formula and nutrient profile may be required. (See II. E. on bid page 6 above).</p>				
<p>Collective terms/items are not acceptable</p>				

SPECIFICATIONS (Cont'd)

Bidders shall complete the right columns listing their guarantee. (Guarantee must match Product Tags and/or formula and nutrient profile for each item submitted with or subsequent to the Bid).

Bid Item 23. - OPI / ODRC London Dry 011813 - 50 Pound Bags				
Kalmbach Feeds, Inc. OAKS Vendor ID # 0000051068 – Kalmbach Item 319IDRC				
	Formula		Bidders Shall Complete The Columns Below	
Vitamin / Mineral	Pct. As Fed	Lbs./Ton as Fed	Bidder's Guarantee Pct. As Fed	Bidder's Guarantee Lbs./Ton Fed
Wheat Middlings	12.576%	251.527	12.576 %	251.527
Urea	2.875%	57.492	2.875 %	57.492
Calcium Carbonate	10.780%	215.595	10.780 %	215.595
Calcium Sulfate	4.312%	86.238	4.312 %	86.238
Dicalcium Phosphate	4.312%	86.238	4.312 %	86.238
Magnesium Oxide	1.078%	21.559	1.078 %	21.559
Barton-Kiefer VTM #2 Premix with Selenium (See Note 1)	2.156%	43.119	2.156 %	43.119
SoyChlor® (see Note 2)	53.898%	1077.973	53.898 %	1077.973
Vitamin E 20 K	3.593%	71.865	3.593 %	71.865
Magnesium Sulfate	4.312%	86.238	4.312 %	86.238
Rumensin 90 g	0.108%	2.156	0.108 %	2.156
Total	100.000%	2000.000	100.000 %	2000
Note 1 – Barton-Kiefer VTM #2 Premix w/Selenium is a proprietary vitamin and mineral blend available from D&D Ingredient Distributors, Inc. at 5025 North Kill Rd. Delphos, OH 45833, (800) 543 7962 and is sold in 50 lb. bags. Farm managers and OPI's dairy nutritionist will work with the successful bidder in obtaining access to this proprietary product. Bidders may contact D&D Ingredient Distributors for price quotes and information on this item.				
Note 2 - SoyChlor is a product of West Central Cooperative of Ralston, IA. The item is available from D&D Ingredient Distributors, Inc. at 5025 North Kill Rd. Delphos, OH 45833 (800) 543 7962 and is sold in 50 lb. bags and 1 ton totes. Bidders may contact D&D Ingredient Distributors for price quotes and information on this item.				
Product shall be packaged in 50 pound 3 ply kraft plastic lined or poly bags as standard to the industry.				
Manufacturer's product tag should be supplied with the bid and shall list all ingredients using the ingredients required above.				
Formula and nutrient profile may be required. (See II. E. on bid page 6 above).				
Collective terms/items are not acceptable				

CONTRACT PRICES

Soybean Meal - BULK – Vendor: Kalmbach Feeds, Inc. OAKS 000051068						
OAKS Item ID #	UNSPSC #	Item Description	Farm Location	UoM	Bid Mark-Up Price in Bulk FOB Delivered in Auger Vehicle (\$USD Per UoM)	
24141	10121500	Soybean Meal	Chillicothe, Ohio (CCI)	Ton	\$ 50.00	
24143	10121500	Soybean Meal	Lancaster, Ohio (SCI)	Ton	\$ 43.00	
24145	10121500	Soybean Meal	Lebanon, Ohio (LeCI)	Ton	\$ 50.00	
24148	10121500	Soybean Meal	Lima, Ohio (ACI)	Ton	\$ 66.00	
24151	10121500	Soybean Meal	London, Ohio (LoCI)	Ton	\$ 55.00	
24153	10121500	Soybean Meal	Mansfield, Ohio (ManCI)	Ton	\$ 36.00	
24155	10121500	Soybean Meal	Marion, Ohio (MCI)	Ton	\$ 38.00	
24160	10121500	Soybean Meal	Orient, Ohio (PCI)	Ton	\$ 41.00	

BID ITEM 2 - Corn Gluten Feed – Pelleted – BULK – NO AWARD						
OAKS Item ID #	UNSPSC #	Item Description	Farm Location	UoM	Bid Mark-Up Price in Bulk FOB Delivered in Auger Vehicle (\$USD Per UoM)	
N/A	10121500	Corn Gluten Feed Pelleted	Chillicothe, Ohio (CCI)	Ton	No Award	
N/A	10121500	Corn Gluten Feed Pelleted	Lancaster, Ohio (SCI)	Ton	No Award	
N/A	10121500	Corn Gluten Feed Pelleted	Lebanon, Ohio (LeCI)	Ton	No Award	
N/A	10121500	Corn Gluten Feed Pelleted	Lima, Ohio (ACI)	Ton	No Award	
N/A	10121500	Corn Gluten Feed Pelleted	London, Ohio (LoCI)	Ton	No Award	
N/A	10121500	Corn Gluten Feed Pelleted	Mansfield, Ohio (ManCI)	Ton	No Award	
N/A	10121500	Corn Gluten Feed Pelleted	Marion, Ohio (MCI)	Ton	No Award	
N/A	10121500	Corn Gluten Feed Pelleted	Orient, Ohio (PCI)	Ton	No Award	

CONTRACT PRICES

BID ITEM 3. - OPI / ODRC Dairy Cow Protein Blend - BULK – Contractor: Kalmbach Feeds, Inc. OAKS 000051068						
OAKS Item ID #	UNSPSC #	Item Description	Farm Location	UoM	Contractor Item Number	Bid Mark-Up Price in Bulk FOB Delivered in Auger Vehicle (\$USD Per UoM)
24262	10121500	OPI / ODRC Dairy Cow Protein Blend - Bulk	Chillicothe, Ohio (CCI)	Ton	330ODRC	\$ 60.00
24263	10121500	OPI / ODRC Dairy Cow Protein Blend - Bulk	Lebanon, Ohio (LeCI)	Ton	330ODRC	\$ 60.00
24264	10121500	OPI / ODRC Dairy Cow Protein Blend - Bulk	London, Ohio (LoCI)	Ton	330ODRC	\$ 65.00
24265	10121500	OPI / ODRC Dairy Cow Protein Blend - Bulk	Marion, Ohio (MCI)	Ton	330ODRC	\$ 48.00
24266	10121500	OPI / ODRC Dairy Cow Protein Blend - Bulk	Orient, Ohio (PCI)	Ton	330ODRC	\$ 51.00

BID ITEM 4. – OPI / ODRC London Protein Blend # 2 – BULK – Contractor: Kalmbach Feeds, Inc. OAKS 000051068						
OAKS Item ID #	UNSPSC #	Item Description	Farm Location	UoM	Contractor Item Number	Bid MARK UP Price Per Ton in Bulk FOB Delivered in Auger Vehicle (\$USD Per UoM)
24978	10121500	London Protein Blend #2 Bulk	Chillicothe, Ohio (CCI)	Ton	333ODRC	\$ 54.00
24979	10121500	London Protein Blend #2 Bulk	Lebanon, Ohio (LeCI)	Ton	333ODRC	\$ 54.00
24980	10121500	London Protein Blend #2 Bulk	London, Ohio (LoCI)	Ton	333ODRC	\$ 59.00
24981	10121500	London Protein Blend #2 Bulk	Marion, Ohio (MCI)	Ton	333ODRC	\$ 42.00
24982	10121500	London Protein Blend #2 Bulk	Orient, OH (PCI)	Ton	333ODRC	\$ 45.00

CONTRACT PRICES

Contract Item 5 - OPI/ODRC Beef Feed Base R1000 - 25 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068, Item 5250ODRC							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Beef Feed Base R1000 25 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24177	\$0.248	24178	\$0.235
10121500	OPI/ODRC Beef Feed Base R1000 25 Lb. Bag	Lancaster, Ohio (SCI)	Lb.	24179	\$0.244	24180	\$0.235
10121500	OPI/ODRC Beef Feed Base R1000 25 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24181	\$0.248	24182	\$0.235
10121500	OPI/ODRC Beef Feed Base R1000 25 Lb. Bag	Lima, Ohio (AOCl)	Lb.	24183	\$0.256	24184	\$0.235
10121500	OPI/ODRC Beef Feed Base R1000 25 Lb. Bag	London, Ohio (LoCl)	Lb.	24185	\$0.250	24186	\$0.235
10121500	OPI/ODRC Beef Feed Base R1000 25 Lb. Bag	Mansfield, Ohio (ManCl)	Lb.	24187	\$0.241	24188	\$0.235
10121500	OPI/ODRC Beef Feed Base R1000 25 Lb. Bag	Marion, Ohio (MCl)	Lb.	24189	\$0.242	24190	\$0.235
10121500	OPI/ODRC Beef Feed Base R1000 25 Lb. Bag	Orient, Ohio (PCl)	Lb.	24191	\$0.243	24192	\$0.235

Contract Item 6 - OPI/ODRC Beef Feed Base R1000 - 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068, Item 5500ODRC							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24193	\$0.231	24194	\$0.218
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Lancaster, Ohio (SCI)	Lb.	24195	\$0.228	24196	\$0.219
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24197	\$0.231	24198	\$0.218
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Lima, Ohio (AOCl)	Lb.	24199	\$0.239	24200	\$0.218
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	London, Ohio (LoCl)	Lb.	24201	\$0.234	24202	\$0.219
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Mansfield, Ohio (ManCl)	Lb.	24203	\$0.224	24204	\$0.218
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Marion, Ohio (MCl)	Lb.	24205	\$0.225	24206	\$0.218
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Orient, Ohio (PCl)	Lb.	24207	\$0.227	24208	\$0.219

CONTRACT PRICES

Contract Item 7- OPI/ODRC Brood Cow Mineral - 25 Lb. Bag							
Contractor: Cargill Animal Nutrition OAKS 000099442 Formula F100983101							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Brood Cow Mineral 25 Lb. Bag	Lancaster, Ohio (SCI)	Lb.	24209	\$0.378	24210	\$0.343
10121500	OPI/ODRC Brood Cow Mineral 25 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24211	\$0.378	24212	\$0.343
10121500	OPI/ODRC Brood Cow Mineral 25 Lb. Bag	Mansfield, Ohio (ManCI)	Lb.	24213	\$0.378	24214	\$0.343

Contract Item 8- OPI/ODRC Brood Cow Mineral - 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068, Item 55150							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Lancaster, Ohio (SCI)	Lb.	24215	\$0.384	24216	\$0.375
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24217	\$0.388	24218	\$0.375
10121500	OPI/ODRC Beef Feed Base R1000 50 Lb. Bag	Mansfield, Ohio (ManCI)	Lb.	24219	\$0.381	24220	\$0.375

CONTRACT PRICES

Contract Item 9 - OPI/ODRC Dairy Lactation Base R428 - 25 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068, Item 33225							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Dairy Lactation Base R428 25 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24302	\$0.468	24307	\$0.455
10121500	OPI/ODRC Dairy Lactation Base R428 25 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24303	\$0.468	24308	\$0.455
10121500	OPI/ODRC Dairy Lactation Base R428 25 Lb. Bag	Marion, Ohio (MCI)	Lb.	24305	\$0.462	24309	\$0.455
10121500	OPI/ODRC Dairy Lactation Base R428 25 Lb. Bag	London, Ohio (LoCI)	Lb.	24304	\$0.470	24310	\$0.455
10121500	OPI/ODRC Dairy Lactation Base R428 25 Lb. Bag	Orient, Ohio (PCI)	Lb.	24306	\$0.463	24311	\$0.455

Contract Item 10 - OPI/ODRC Dairy Lactation Base R428 - 50 Lb. Bag							
Contractor: Cargill Animal Nutrition OAKS 0000099442 - Formula F100983102							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Dairy Lactation Base R428 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24312	\$0.397	24317	\$0.362
10121500	OPI/ODRC Dairy Lactation Base R428 50 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24313	\$0.397	24318	\$0.362
10121500	OPI/ODRC Dairy Lactation Base R428 50 Lb. Bag	Marion, Ohio (MCI)	Lb.	24315	\$0.397	24320	\$0.362
10121500	OPI/ODRC Dairy Lactation Base R428 50 Lb. Bag	London, Ohio (LoCI)	Lb.	24314	\$0.397	24319	\$0.362
10121500	OPI/ODRC Dairy Lactation Base R428 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	24316	\$0.397	24321	\$0.362

CONTRACT PRICES

Contract Item 11 - OPI/ODRC Dairy Heifer Base R1600 - 25 Lb. Bag - Contractor Cargill Animal Nutrition OAKS 0000099442							
Contractor: Cargill Animal Nutrition OAKS 0000099442 - Formula F100983103							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Dairy Heifer Base R1600 25 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24221	\$0.414	24223	\$0.379
10121500	OPI/ODRC Dairy Heifer Base R1600 25 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24224	\$0.414	24225	\$0.379
10121500	OPI/ODRC Dairy Heifer Base R1600 25 Lb. Bag	Marion, Ohio (MCI)	Lb.	24228	\$0.414	24229	\$0.379
10121500	OPI/ODRC Dairy Heifer Base R1600 25 Lb. Bag	London, Ohio (LoCI)	Lb.	24226	\$0.414	24227	\$0.379
10121500	OPI/ODRC Dairy Heifer Base R1600 25 Lb. Bag	Orient, Ohio (PCI)	Lb.	24230	\$0.414	24231	\$0.379

Contract Item 12 - OPI/ODRC Dairy Heifer Base R1600 - 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068, Item 330650							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Dairy Heifer Base R1600 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24232	\$0.408	24233	\$0.395
10121500	OPI/ODRC Dairy Heifer Base R1600 50 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24234	\$0.408	24235	\$0.395
10121500	OPI/ODRC Dairy Heifer Base R1600 50 Lb. Bag	Marion, Ohio (MCI)	Lb.	24238	\$0.402	24239	\$0.395
10121500	OPI/ODRC Dairy Heifer Base R1600 50 Lb. Bag	London, Ohio (LoCI)	Lb.	24236	\$0.410	24237	\$0.395
10121500	OPI/ODRC Dairy Heifer Base R1600 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	24240	\$0.403	24241	\$0.395

CONTRACT PRICES

Contract Item 13 - OPI/ODRC Dairy Cow Base R2160 - 25 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 000051068, Item 39025							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Dairy Cow Base R2160 25 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24242	\$0.570	24243	\$0.557
10121500	OPI/ODRC Dairy Cow Base R2160 25 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24244	\$0.570	24245	\$0.557
10121500	OPI/ODRC Dairy Cow Base R2160 25 Lb. Bag	Marion, Ohio (MCI)	Lb.	24248	\$0.564	24249	\$0.557
10121500	OPI/ODRC Dairy Cow Base R2160 25 Lb. Bag	London, Ohio (LoCI)	Lb.	24246	\$0.573	24247	\$0.558
10121500	OPI/ODRC Dairy Cow Base R2160 25 Lb. Bag	Orient, Ohio (PCI)	Lb.	24250	\$0.566	24251	\$0.558

Contract Item 14 - OPI/ODRC Dairy Cow Base R2160 - 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 000051068, Item 39050							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Dairy Cow Base R2160 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24252	\$0.554	24253	\$0.541
10121500	OPI/ODRC Dairy Cow Base R2160 50 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24254	\$0.554	24255	\$0.541
10121500	OPI/ODRC Dairy Cow Base R2160 50 Lb. Bag	Marion, Ohio (MCI)	Lb.	24258	\$0.548	24259	\$0.541
10121500	OPI/ODRC Dairy Cow Base R2160 50 Lb. Bag	London, Ohio (LoCI)	Lb.	24256	\$0.556	24257	\$0.541
10121500	OPI/ODRC Dairy Cow Base R2160 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	24260	\$0.549	24261	\$0.541

CONTRACT PRICES

Contract Item 15 - OPI/ODRC Dairy Cow Lactating Mineral R486- 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068, Item 38050							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Dairy Cow Lactating Mineral R486 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24267	\$0.470	24268	\$0.457
10121500	OPI/ODRC Dairy Cow Lactating Mineral R486 50 Lb. Bag	Lebanon, Ohio (LeCl)	Lb.	24269	\$0.470	24270	\$0.457
10121500	OPI/ODRC Dairy Cow Lactating Mineral R486 50 Lb. Bag	Marion, Ohio (MCI)	Lb.	24273	\$0.464	24274	\$0.457
10121500	OPI/ODRC Dairy Cow Lactating Mineral R486 50 Lb. Bag	London, Ohio (LoCl)	Lb.	24271	\$0.473	27272	\$0.458
10121500	OPI/ODRC Dairy Cow Lactating Mineral R486 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	24275	\$0.466	24276	\$0.458

Contract Item 16 - OPI/ODRC Energy Booster 100 By-Pass Fat - 50 Lb. Bag							
Cargill Animal Nutrition - OAKS 0000099442 - Milk Specialties Energy Booster 100							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC Energy Booster 100 By-Pass Fat 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24277	\$0.718	24278	\$0.693
10121500	OPI/ODRC Energy Booster 100 By-Pass Fat 50 Lb. Bag	Lebanon, Ohio (LeCl)	Lb.	24279	\$0.718	24280	\$0.693
10121500	OPI/ODRC Energy Booster 100 By-Pass Fat 50 Lb. Bag	Marion, Ohio (MCI)	Lb.	24283	\$0.718	24284	\$0.693
10121500	OPI/ODRC Energy Booster 100 By-Pass Fat 50 Lb. Bag	London, Ohio (LoCl)	Lb.	24281	\$0.718	25282	\$0.693
10121500	OPI/ODRC Energy Booster 100 By-Pass Fat 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	24285	\$0.718	24286	\$0.693

CONTRACT PRICES

Contract Item 17 - Sodium Bicarbonate 50 Lb. Bag							
Cargill Animal Nutrition - OAKS 0000099442 - Arm and Hammer Feed Grade NaHCO3							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	Sodium Bicarbonate 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24927	\$0.253	24928	\$0.218
10121500	Sodium Bicarbonate 50 Lb. Bag	Lancaster, Ohio (SCI)	Lb.	24929	\$0.253	24930	\$0.218
10121500	Sodium Bicarbonate 50 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24932	\$0.253	24933	\$0.218
10121500	Sodium Bicarbonate 50 Lb. Bag	Lima, Ohio (AOCl)	Lb.	24934	\$0.253	24935	\$0.218
10121500	Sodium Bicarbonate 50 Lb. Bag	London, Ohio (LoCl)	Lb.	24936	\$0.253	24937	\$0.218
10121500	Sodium Bicarbonate 50 Lb. Bag	Mansfield, Ohio (ManCl)	Lb.	24938	\$0.253	24939	\$0.218
10121500	Sodium Bicarbonate 50 Lb. Bag	Marion, Ohio (MCl)	Lb.	24940	\$0.253	24941	\$0.218
10121500	Sodium Bicarbonate 50 Lb. Bag	Orient, Ohio (PCl)	Lb.	24942	\$0.253	24943	\$0.218

Contract Item 18 - Salt 97% to 99% Pure - 50 Lb. Block							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068 Item WIWSBL							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	Salt 97% to 99% Pure 50 Lb. Block	Chillicothe, Ohio (CCI)	Lb.	24954	\$0.190	24955	\$0.177
10121500	Salt 97% to 99% Pure 50 Lb. Block	Lancaster, Ohio (SCI)	Lb.	24944	\$0.186	24945	\$0.177
10121500	Salt 97% to 99% Pure 50 Lb. Block	Lebanon, Ohio (LeCI)	Lb.	24956	\$0.190	24957	\$0.177
10121500	Salt 97% to 99% Pure 50 Lb. Block	Lima, Ohio (AOCl)	Lb.	24946	\$0.198	24947	\$0.177
10121500	Salt 97% to 99% Pure 50 Lb. Block	London, Ohio (LoCl)	Lb.	24958	\$0.192	24959	\$0.177
10121500	Salt 97% to 99% Pure 50 Lb. Block	Mansfield, Ohio (ManCl)	Lb.	24948	\$0.183	24949	\$0.177
10121500	Salt 97% to 99% Pure 50 Lb. Block	Marion, Ohio (MCl)	Lb.	24950	\$0.184	24951	\$0.177
10121500	Salt 97% to 99% Pure 50 Lb. Block	Orient, Ohio (PCl)	Lb.	24952	\$0.185	24953	\$0.177

CONTRACT PRICES

Contract Item 19 - Dried Molasses Supplement 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 000051068 Item Dried Molasses							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	Dried Molasses Supplement 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	26310	\$0.316	26311	\$0.303
10121500	Dried Molasses Supplement 50 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	26312	\$0.316	26313	\$0.303
10121500	Dried Molasses Supplement 50 Lb. Bag	London, Ohio (LoCI)	Lb.	26314	\$0.318	26315	\$0.303
10121500	Dried Molasses Supplement 50 Lb. Bag	Marion, Ohio (MCI)	Lb.	26316	\$0.310	26317	\$0.303
10121500	Dried Molasses Supplement 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	26318	\$0.311	26319	\$0.303

Contract Item 20 - Milk Replacer 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 000051068 Item 3002 Milk Magic 20/20 All Milk, Milk Replacer With DQ							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	Milk Replacer 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24960	\$1.602	24961	\$1.589
10121500	Milk Replacer 50 Lb. Bag	Marion, Ohio (MCI)	Lb.	24962	\$1.596	24963	\$1.589
10121500	Milk Replacer 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	24964	\$1.597	24965	\$1.589

CONTRACT PRICES

Contract Item 21 - OPI / ODRC London Complete Calf Ration Premix Pellets 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068 Item 332ODRC							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC London Complete Calf Pellets 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24968	\$0.233	24969	\$0.220
10121500	OPI/ODRC London Complete Calf Pellets 50 Lb. Bag	Lebanon, Ohio (LeCl)	Lb.	24970	\$0.233	24971	\$0.220
10121500	OPI/ODRC London Complete Calf Pellets 50 Lb. Bag	London, Ohio (LoCl)	Lb.	24972	\$0.236	24973	\$0.221
10121500	OPI/ODRC London Complete Calf Pellets 50 Lb. Bag	Marion, Ohio (MCl)	Lb.	24974	\$0.227	24975	\$0.220
10121500	OPI/ODRC London Complete Calf Pellets 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	24976	\$0.229	24977	\$0.221

Contract Item 22 - OPI / ODRC London Heifer Mineral 011913 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 0000051068 Item 55522							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC London Heifer Mineral 011913 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24983	\$0.395	24984	\$0.382
10121500	OPI/ODRC London Heifer Mineral 011913 50 Lb. Bag	Lebanon, Ohio (LeCl)	Lb.	24985	\$0.395	24986	\$0.382
10121500	OPI/ODRC London Heifer Mineral 011913 50 Lb. Bag	London, Ohio (LoCl)	Lb.	24987	\$0.398	24988	\$0.383
10121500	OPI/ODRC London Heifer Mineral 011913 50 Lb. Bag	Marion, Ohio (MCl)	Lb.	24989	\$0.389	24990	\$0.382
10121500	OPI/ODRC London Heifer Mineral 011913 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	24991	\$0.391	24992	\$0.383

CONTRACT PRICES

Contract Item 23 - OPI / ODRC London Dry 011813 50 Lb. Bag							
Contractor: Kalmbach Feeds, Inc. OAKS 000051068 Item 57254							
UNSPSC #	Item Description	Farm Location	UoM	OAKS Item ID #	Contract Price Per Lb. FOB Delivered (\$USD)	OAKS Item ID #	Contract Price Per Lb. for Items Picked Up at Contractor's Designated Origin Point (\$USD)
10121500	OPI/ODRC London Dry 011813 50 Lb. Bag	Chillicothe, Ohio (CCI)	Lb.	24993	\$0.386	24994	\$0.373
10121500	OPI/ODRC London Dry 011813 50 Lb. Bag	Lebanon, Ohio (LeCI)	Lb.	24995	\$0.386	24996	\$0.373
10121500	OPI/ODRC London Dry 011813 50 Lb. Bag	London, Ohio (LoCI)	Lb.	24997	\$0.389	24998	\$0.374
10121500	OPI/ODRC London Dry 011813 50 Lb. Bag	Marion, Ohio (MCI)	Lb.	24999	\$0.380	25000	\$0.373
10121500	OPI/ODRC London Dry 011813 50 Lb. Bag	Orient, Ohio (PCI)	Lb.	25001	\$0.382	25002	\$0.374

APPENDIX A

OHIO DEPARTMENT OF REHABILITATION AND CORRECTION OHIO PENAL INDUSTRIES FARM LOCATIONS

Ohio Penal Industries Farm Operation
Chillicothe Correctional Institution (CCI)
15802 State Route 104 North
Chillicothe, OH 45601

Ohio Penal Industries Farm Operation
Marion Correctional Institution (MCI)
940 Marion Williamsport Road
Marion, OH 43302

Ohio Penal Industries Farm Operation
Mansfield Correctional Institute (ManCI)
1150 North Main Street
Mansfield, OH 44903

Ohio Penal Industries Farm Operation
Southeastern Correctional Institution (SCI)
5900 B.I.S. Road
Lancaster, OH 43130

Ohio Penal Industries Farm Operation
Allen Correctional Institution - Farm (AOCl)
2338 Northwest Street
P.O. Box 4501
Lima, OH 45802

Ohio Penal Industries Farm Operation
Lebanon Correctional Institution (LeCI)
3791 State Route 63
Lebanon, OH, 45036

Ohio Penal Industries Farm Operation
Pickaway Correctional Institution (PCI)
11781 State Route 762
Orient OH 43146

Ohio Penal Industries Farm Operation
London Correctional Facility (LoCI)
1580 State Route 56 SW
London, OH 43140

APPENDIX B

EXAMPLE OF THE DAILY WALL STREET JOURNAL (WSJ) MONEY & INVESTING SECTION "DAILY CASH PRICE" GRAINS & FEEDS SECTION

See Bid Page # 6 Sections II. F and G. Base Prices and procedures for Bid Mark Up prices for Bid Items 1, 2, 3 and 4.

Cash Prices WSJ.com/commodities Monday, November 19, 2012				
These prices reflect buying and selling of a variety of actual or "physical" commodities in the marketplace—separate from the futures price on an exchange, which reflects what the commodity might be worth in future months.				
	Monday	Year ago	Monday	Year ago
Energy				
Domestic crude oil spot prices, 4 p.m. ET				
West Texas Intermediate, Cushing	89.28	96.72		
West Texas sour, Midlands	78.83	95.75		
Louisiana sweet, St. James	114.93	108.20		
Alaska North Slope, Pac delivery	108.68	113.17		
Refined products				
Fuel oil, No. 2 NY	3.0701	2.9856		
Diesel, 500ppm low sulfur NY	3.0801	2.9993		
Diesel, 15ppm ultra-low sulf NY	3.2726	3.0281		
Gasoline, conv prem NY	n.a.	2.6890		
Gasoline, RBOB prem NY	3.0045	2.6615		
Gasoline, conv reg NY	2.9195	2.5190		
Gasoline, RBOB reg NY	2.8545	2.4890		
Gasoline, CARBOB, reg LA-m	2.7850	2.5750		
Propane, tet, Mont Belvieu-g	0.8772	1.4488		
Butane, normal, Mont Belvieu-g	1.6800	1.7875		
Natural gas Henry Hub	3.645	2.928		
Metals				
Gold, per troy oz				
Engelhard industrial	1734.09	1705.54		
Engelhard fabricated	1864.15	1833.46		
Handy & Harman base	1730.50	1702.00		
Handy & Harman fabricated	1868.94	1838.16		
London a.m. fixing	1723.25	1704.00		
London p.m. fixing	1730.50	1702.00		
Krugerrand, wholesale-e	1740.80	1744.08		
Maple Leaf-e	1821.54	1744.08		
American Eagle-e	1821.54	1752.47		
Mexican peso-e	2099.65	2036.96		
Austria crown-e	1703.45	1653.80		
Austria phil-e	1821.54	1744.08		
Silver, troy oz.				
Engelhard industrial	32.9200	31.0700		
Engelhard fabricated	39.5000	37.2840		
Handy & Harman base	33.0600	31.2000		
Handy & Harman fabricated	39.6720	37.4400		
London fixing, spot price	£20.5472	£19.7368		
(U.S. \$ equivalent)	32.6700	30.9000		
Coins, wholesale \$1,000 face-a	24231	25599		
Other metals				
Platinum, free market	1572.0	1567.0		
Platinum, Engelhard industrial	1575.0	1567.0		
Platinum, Engelhard fabricated	1675.0	1667.0		
Palladium, Engelhard industrial	647.0	597.0		
Palladium, Engelhard fabricated	747.0	697.0		
Aluminum, LME, \$ per metric ton	1928	2075		
Antimony-d	5.4600	6.5250		
Copper, Comex spot	3.5275	3.2990		
Lead, NA solder-d	130.206	122.243		
Stainless steel scrap, US-d	1829	2362		
Steel, HRC USA, FOB Midwest Mill-s	619	650		
Tin, NA solder-d	1255.131	1271.767		
Zinc, NA-d				
	93.820	95.226		
Fibers and Textiles				
Burlap, 10-oz, 40-inch NY yd-n,w	0.4500	0.4675		
Cotton, 1 1/16 std lw-md Mphs-u	0.6906	0.8841		
Hides, hvy native steers piece fob-u	88.500	n.a.		
Wool, 64s, staple, Terr del-u,w	n.a.	n.a.		
Grains and Feeds				
Barley, top-quality Mnpls-u	7.20	7.65		
Bran, wheat middlings, KC-u	185	210		
Corn, No. 2 yellow, Cent IL-bp,u	7.3750	5.9550		
Corn gluten feed, Midwest-u,w	217.2	165.8		
Cottonseed meal-u,w	385	245		
Hominy feed, Cent IL-u,w	230	198		
Meat-bonemeal, 50% pro Mnpls-u,w	398	293		
Oats, No. 2 milling, Mnpls-u	3.9050	3.2000		
Rice, 5% Broken White, Thailand-l,w	550.00	610.00		
Rice, Long Grain Milled, No. 2 AR-u,w	27.38	28.50		
Sorghum, (Milo) No. 2 Gulf-u	13.1040	11.5700		
Soybean Meal, Cent IL rail, ton 48%-u	446.10	280.60		
Soybeans, No. 1 yllw IL-bp,u	13.8350	11.2550		
Wheat, Spring 14%-pro Mnpls-u	10.1275	10.6250		
Wheat, No. 2 soft red, St. Louis-bp,u	8.3150	6.0550		
Wheat, hard, KC	8.1800	6.2100		
Wheat, No. 1 soft white, Portld, OR-u	n.a.	5.8300		
Food				
Beef, carcass equiv. index				
choice 1-3,600-900 lbs.-u	183.98	185.15		
select 1-3,600-900 lbs.-u	163.30	166.72		
Broilers, dressed 'A'-u	0.9584	0.8925		
Broilers, 12-city comp wghtd-u,w	0.9566	0.7977		
Butter, AA Chicago-w	1.7200	1.6300		
Cheddar cheese, bbl, Chicago	172.25	187.00		
Cheddar cheese, blk, Chicago	182.50	183.00		
Milk, Nonfat dry, Chicago lb.	156	148		
Cocoa, Ivory Coast-w	2713	2739		
Coffee, Brazilian, Comp	1.4699	2.3872		
Coffee, Colombian, NY	1.6912	2.6039		
Eggs, large white, Chicago-u	1.2750	1.1250		
Flour, hard winter KC	21.50	18.10		
Hams, 17-20 lbs, Mid-US fob-u	n.a.	n.a.		
Hogs, Iowa-So. Minnesota-u	76.69	81.64		
Pork bellies, 12-14 lb MidUS-u	1.2000	n.a.		
Pork loins, 13-19 lb MidUS-u	n.a.	1.1500		
Steers, Tex.-Okla. Choice-u	125.89	122.48		
Steers, feeder, Okla. City-u,w	150.56	147.75		
Fats and Oils				
Corn oil, crude wet/dry mill-u	50.5000	54.0000		
Grease, choice white, Chicago-u	0.3400	0.4000		
Lard, Chicago-u	0.5800	0.4900		
Soybean oil, crude, Cent IL-u	0.4552	0.5044		
Tallow, bleach, Chicago-u	0.3400	0.4500		
Tallow, edible, Chicago-u	n.a.	n.a.		

KEY TO CODES: A=ask; B=bid; BP=country elevator bids to producers; C=corrected; D=Ryan's Notes; E=Manfra, Tordella & Brooks; G=ICE; L=livericeindex.com; M=midday; N=nominal; n.a.=not quoted or not available; S=The Steel Index; U=USDA; W=weekly, Z=not quoted

Source: WSJ Market Data Group

CONTRACTOR'S INDEX

CONTRACTOR AND TERMS

0000099442

Cargill, Inc. dba Cargill Animal Nutrition
1203 Timken Road
Wooster, OH 44691



CONTRACT ID: OT901515-1 (09/30/17)

DELIVERY: Within 5 Days A.R.O.

TERMS: Net 30 Days

CONTRACTOR'S CONTACT: Brad Carter

Telephone: (330) 234-2552
FAX: (330) 262-2374
Email: bradley-carter@cargill.com

PLACEMENT OF ORDERS: Email: bradley-carter@cargill.com

Freight on Less than Minimum Orders – Cargill, Inc. dba Cargill Animal Nutrition - OAKS Item ID # 24325

0000051068

Kalmbach Feeds, Inc.
7148 State Highway 199
Upper Sandusky, OH 43351



CONTRACT ID: OT901515-2 (09/30/17)

DELIVERY: Within 5 Days A.R.O.

TERMS: 2% 10 Days, Net 30 Days

CONTRACTOR'S CONTACT: Paul Kalmbach

Telephone: (419) 294 3838
FAX: (419) 386 0959
Email: pkalmbach@kalmbachfeeds.com

PLACEMENT OF ORDERS: Email: emailorders@kalmbachfeeds.com

Freight on Less than Minimum Orders – Kalmbach Feeds, Inc. – OAKS Item ID # 24287
