1. **Contracting Activity:**
Department of Veterans Affairs (VA)
Office of Acquisition Operations (OAO)
Strategic Acquisition Center (SAC)
10300 Spotsylvania Avenue, Suite 400
Fredericksburg, VA 22408

2. **Description of Action:**
This action is to incorporate brand-name descriptions in solicitations and contracts for research animal feed and bedding (F&B). This Class J&A is effective from December 1, 2014, through November 30, 2019, or until rescinded, whichever is earlier.

3. **Description of Supplies/Services:**
VHA facilities are using over 70 animal feed and 40 bedding brand-name products in ongoing studies. The VHA requires the controlled F&B products listed in Appendix A for this research. These F&B products are specific to the manufacturer, animal species, and research protocols as explained in paragraph 5 of this Justification.

The estimated value of this Class J&A is $3,678,392 is shown in Table 1.

<table>
<thead>
<tr>
<th></th>
<th>Year One</th>
<th>Year Two</th>
<th>Year Three</th>
<th>Year Four</th>
<th>Year Five</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed</td>
<td>$336,426</td>
<td>$355,497</td>
<td>$367,323</td>
<td>$380,091</td>
<td>$388,217</td>
<td>$1,827,554</td>
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<tr>
<td>Bedding</td>
<td>$336,168</td>
<td>$346,794</td>
<td>$371,939</td>
<td>$388,894</td>
<td>$407,044</td>
<td>$1,850,838</td>
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<tr>
<td>Total</td>
<td>$672,594</td>
<td>$702,291</td>
<td>$739,262</td>
<td>$768,984</td>
<td>$795,261</td>
<td>$3,678,392</td>
</tr>
</tbody>
</table>

4. **Authority:**
The statutory authority permitting other than full and open competition is 41 USC 253(c)(1) as implemented by FAR 6.302-1 “Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements.”

5. **Rationale Supporting Use of Authority Cited Above:**
The VA's medical research program was established in 1925. Currently, 75 Veterans Health Administration (VHA) facilities throughout the United States (US) are conducting research critical to the health of our Veterans using multiple species of research animals. The ability to replicate research results is fundamental for good science. One basic tenet is to control all variables except those being studied. Variations of the animals' environment are kept to a minimum. F&B are important environmental factors that affect reproduction, growth, disease, and responses to experimental manipulation in laboratory animals ultimately influencing study results.

Source Selection Information—See FAR 2.101 and 3.104
Feed contains natural ingredients comprising nutritive and non-nutritive components. Examples of the latter include phytoestrogens, nitrosamines, phytosterols, and antioxidants. Both nutrients and non-nutrients have a significant impact on research results.

Purina LabDiet, BioServ, and Dyets conduct and use the results of scientific research to develop unique formulas that are specific to the nutritional needs of animal species and their conditions (e.g., growth, reproduction, and sustenance). These manufacturers supply a variety of brand-name products that are consistent with animal feed guidelines overseen by the Food and Drug Administration (FDA); however, exact ingredients vary by company. Further, research protocols may require manipulation of feed profiles to induce or alleviate a physical condition or investigate the mechanisms by which specific nutrients impact disease states. Examples of commonly manipulated nutrients include vitamins and minerals, fat type and level, cholesterol, fiber, and protein. Manufacturers can provide diets with sufficient, deficient, or excessive levels of each of the vitamins or minerals as well as variation in the macronutrients, protein, carbohydrate, fat, and fiber.

Research animal feed manufacturers are subjected to stringent requirements for quality control imposed on them by the National Institutes of Health (NIH) commencing with raw ingredient selection and treatment, during manufacture and through to transportation and delivery to VHA facilities. Details are contained in paragraph 8 below.

By combining feed formulations specific to the species’ nutrient needs, condition, and study protocols with quality control, Purina LabDiet, BioServ, and Dyets produce specific brand-name products that provide the purity and consistency needed in research. Researchers in VHA facilities have been using the specific brand-name products listed in Appendix A in ongoing studies. Changing this feed would introduce uncontrolled, unintended variation into studies that will affect results.

Each bedding manufacturer has unique product formulations consisting of variations of materials (e.g., wood, paper, corn cob), configurations (e.g., paper products from virgin pulp, or coiled paper to induce nesting), and treatments (e.g., cob and wood products are heat treated to reduce humidity and to destroy microbiologic contaminants). Bedding is a variable with significant implications for research results due to the animal's close contact on a continuous basis. Researchers have noted that varying animal bedding impacts the animal's behavior in a laboratory setting. Changing this bedding would introduce unwanted variations into scientific research.

Overall, the driving factor for the use of brand-name products is the impact of introducing different F&B into each laboratory study. F&B must be an exact match to existing F&B to ensure all variables are controlled. Researchers are using specific F&B brand-name products in ongoing studies, and changing this F&B will introduce variables that will impact results.

Research animal F&B have been treated as important factors in VHA research since the early 1970s. Changing F&B precludes researchers from performing meaningful comparisons of current studies with older studies and building on previous study results, resulting in the loss of, and investment in, a great deal of scientific research to date that would not be recovered through competition. Therefore, procurement of the brand-name products listed in Appendix A is in the Government's best interests.

Source Selection Information—See FAR 2.101 and 3.104
Page 2 of 15
6. Efforts to Obtain Competition:

Market research was conducted to determine if competition could be sought when research facilities purchase research animal feed or bedding. F&B from different manufacturers contain similar ingredients; however, no product matches any other product, making competition of identical F&B impossible.

The option to develop other VHA diet formulas to enable soliciting competitive quotes was considered. Purina LabDiet employs over seventy-five Ph.D. and veterinary nutritionists, and uses the results of their more than 70-years’ experience to develop and maintain their brand-name products. The VHA does not have the human capital, institutional knowledge, or funds to develop feed formula specifications.

As required for each purchase under this class J&A, VHA will issue a pre-solicitation and/or award notice via the Government Point of Entry (GPE) as required by FAR 5.201(b)(1)(i) and FAR 5.301(a). In response to that notice, all responsible sources will be given the opportunity to submit a capability statement, proposal, or quotation, which will be considered by the agency.

7. Determination of Fair and Reasonable Cost:

The cost to the Government for all contract actions will be fair and reasonable. Contracting officers using the authority cited in this class J&A will be responsible for determining contract price fair and reasonable through a variety of methods, including comparison with commercial published prices and with prices of the same or similar items in a related industry.

8. Market Research:

Extensive market research was conducted from October 2013 to June 2014, including web searches, review of manufacturer and professional organization websites and marketing materials; emails, phone calls, and meetings; and a data call from VHA research facilities. A Request for Information (RFI) was posted on Federal Business Opportunities, December 21, 2013, and closed January 31, 2014.

Eight companies responded to the RFI (Paragraph 10. below). One-on-one discussions were conducted with these companies on March 21, 2014.

Market research revealed that industry suppliers of research animal F&B consist of a limited number of manufacturers in the animal research community with the unique understanding of the impact of F&B to scientific studies gained through years of experience. VHA facilities are currently using animal feed products produced primarily by Purina Lab Diet, St. Louis, Missouri. Purina has used over 70 years’ experience as a supplier of research animal feed to develop and maintain specific, consistent feed products needed for research studies. Bioserv and Dyets have each used more than 40 and 20 years’ experience in the production of research animal feeds, respectively.

VHA facilities are currently using animal bedding products manufactured by Harlan-Teklad, The Andersons, and Shepherd Specialty Papers, the largest suppliers of research animal bedding. VHA facilities are also procuring bedding produced by, P.J. Murphy Forest Products, Northeastern Products Corp. (NEPCO), Fibercore, Ancare, Innovive, Biofresh (the laboratory division of Healthy Pet®) and Bioserv. Each bedding manufacturer has its own products consisting of variations of materials (e.g., wood, paper, and cob). Each manufacturer has at least 20 years’ experience manufacturing animal bedding to research standards.
The National Institutes of Health (NIH), pharmaceutical companies, and independent research laboratories are the largest buyers of research animal F&B. Because NIH is a large and longstanding consumer, its standards have influenced industry practices for research animal F&B. These standards impose strict requirements for handling of raw ingredients, manufacturing, storage, and transportation. These standards ensure that contamination from external sources such as pest and rodent infestation, pesticides, chemicals, and other contaminants does not occur, toxins do not exceed acceptable limits and nutritional requirements are met. Quality is assured by NIH inspections of manufacturing plants and distribution facilities at least yearly. The result is brand-name products delivered at the consistency and quality needed for scientific research. NIH currently shares inspection results with the VHA; and the VHA plans to participate in joint inspections with NIH in the future.

Based on market research, to control all variables, the brand name products included in this J&A are required to ensure future purchases of F&B match.

9. Other Facts:

None.

10. A listing of the sources, if any, that expressed, in writing, an interest in the acquisition:

Eight responses were received from the following firms:

- Feed Manufacturers
  - Harlan-Teklad, Inc., Indianapolis, Indiana (also supplies bedding) (large business)
  - Purina Lab Diet, St. Louis, Missouri (large business)
- Bedding Manufacturers
  - The Andersons, Maumee, Ohio, (cob and paper bedding) (large business)
  - Biofresh, Ferndale, Washington (Paper-cellulose from pulp) (large business)
  - Fibercore, Cleveland, Ohio, (Paper) (small business)
  - P.J. Murphy Forest Products, Montville, New Jersey (Wood by-products) (Large business)
- Feed Distributors
  - AYOTA, San Diego, California, feed for Canine (Woman-owned small business (WOSB))
  - Legend and White Animal Health Corporation, Lincolnshire, Illinois, Feed for canine, feline, guinea pigs, rabbits, gerbils, hamsters, rats and mice, poultry and frogs (WOSB)

11. Actions to Remove Barriers to Future Competition:

For the reasons set forth in this document, the VHA has no plans at this time to compete future contracts for the types of supplies covered by this Class J&A.
Class J&A for Research Animal Feed and Bedding

12. Technical and Requirements Certification:

I certify that the supporting data under my cognizance, which are included in this justification, are accurate and complete to the best of my knowledge and belief.

Name: Michael T. Fallon, DVM, PhD
Chief Veterinary Medical Officer,
Office for Research and Development
Veterans Health Administration

Date: November 24, 2014
Signature: Michael T. Fallon, DVM, PhD

13. Procuring Contracting Officer Certification:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

Name: Mr. Blake McIlvane
Procuring Contracting Officer
Strategic Acquisition Center
Department of Veterans Affairs

Date: November 24, 2014
Signature: blake.mcilvane@va.gov

14. Legal Sufficiency Certification:

I have reviewed this justification and find it adequate to support other than full and open competition and deem it legally sufficient.

Name: L.T. Burleson
Staff Attorney
Legal Counsel

Date: ______________________
Signature: _______________
Approval

In my role as Agency competition Advocate, based on the foregoing justification, I hereby approve the acquisition of the brand-name products for research animal feed and bedding pursuant to the authority cited in 41 USC 253(c)(1) as implemented by FAR 6.302-1, subject to availability to funds, and provided that the supplies herein described have otherwise been authorized for acquisition.

Name: Phyllis Bower                      Date: 1/15/15

Competition Advocate

Office of Acquisition Operations

Department of Veterans Affairs          Signature: Phyllis Bower
# Research Animal Feed and Bedding Products

## Appendix A - Research Animal Feed and Bedding Products

### Purina LabDiet

<table>
<thead>
<tr>
<th>Standard Diets</th>
<th>Certified Diets</th>
<th>Irradiated Diets</th>
<th>Verified Diets</th>
<th>Health Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rodent</td>
<td>Rodent</td>
<td>Rodent</td>
<td>Rodent</td>
<td>Rodent</td>
</tr>
<tr>
<td>5001 - Laboratory Rodent Diet</td>
<td>5002 - Certified Rodent Diet</td>
<td>5053 - PicoLab Rodent Diet 20</td>
<td>5V12 - Advanced Protocol</td>
<td>5259 - Monkey Mini MV plus iron</td>
</tr>
<tr>
<td>5008 - Formulab Diet</td>
<td>5026 - Certified Guinea Pig Diet</td>
<td>5058 - PicoLab Mouse Diet 20</td>
<td>5V5M - Advanced Protocol</td>
<td>5290 - Primate Vitamin</td>
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<tr>
<td>5010 - Laboratory Autoclavable Rodent Diet</td>
<td>5048 - Certified Primate Diet</td>
<td>5061 - Pico-Vac Lab Rodent Diet</td>
<td>5V5R - Advanced Protocol</td>
<td>5298 - Monkey Mini MV</td>
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<tr>
<td>5012 - Rat Diet</td>
<td>5084 - Certified Guinea Pig - Irradiated</td>
<td>5062 - Pico-Vac Mouse Diet 20</td>
<td>5V75 - Advanced Protocol</td>
<td></td>
</tr>
<tr>
<td>5013 - Autoclavable Rodent Breeder Diet</td>
<td>5322 - Certified Rabbit Diet</td>
<td>5CG4 - JL Rat &amp; Mouse/Irr 6F C</td>
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</tr>
<tr>
<td>5015 - Mouse Diet</td>
<td>5325 - Certified High Fiber Rabbit Diet</td>
<td>5K36 - CU Pico Guinea Pig 22%</td>
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<tr>
<td>5020 - Mouse Diet 9F</td>
<td>5C02 - Certified Rodent C</td>
<td>5K75 - Advanced Protocol Certified PicoLab Rodent 20</td>
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<td></td>
</tr>
<tr>
<td>5021 - Autoclavable Mouse Breeder</td>
<td>5C07 - Certified Canine C</td>
<td>5K92 - Advanced Protocol Pico-Vac Rodent Soft Mix</td>
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<td></td>
</tr>
<tr>
<td>5CJL - JL Rat &amp; Mouse Auto 6F C</td>
<td>5C48 - Certified Primate C</td>
<td>5LOD - PicoLab Laboratory Rodent Diet</td>
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<td></td>
</tr>
<tr>
<td>5K00 - JL 6% Oval</td>
<td>5C99 - Certified Mini-Pig G/M C</td>
<td>5L25 - PicoLab Rabbit Diet HF</td>
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<tr>
<td>5K20 - JL Mouse Breeder/Auto</td>
<td>5CR4 - Certified CR 14% Protein Rodent Diet</td>
<td>5LG4-5LL4 - JL Rat &amp; Mouse/Irr 6F</td>
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<tr>
<td>5K54 - JL Rat &amp; Mouse/Auto 4F</td>
<td>5K75 - Advanced Protocol Certified PicoLab Rodent 20</td>
<td>5LG5 - JL Rat &amp; Mouse/Irr 6F</td>
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<tr>
<td>5K67 - JL Rat &amp; Mouse/Auto 6F</td>
<td>5K96 - Advanced Protocol Verified Casein Diet 10 IF</td>
<td>5LG6 - JL Rat &amp; Mouse/Irr 4F</td>
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</tbody>
</table>

**Source Selection Information**—See FAR 2.101 and 3.104
### Purina LabDiet

#### STANDARD DIETS
- 5LF2 - EURodent Diet 14%
- 5LF5 - EURodent Diet 22%
- 5LL2 - Prolab RMH 1800
- 5P00 - Prolab RMH 3000
- 5P04 - Prolab RMH 3500, Autoclavable
- 5P06 - Prolab RMH 2000
- 5P07 - Prolab RMH 1000
- 5P14 - Prolab RMH 2500
- 5R24 - Prolab RMH 2500, Autoclavable
- Macro-Pack

#### Certified Diets

##### Primate
- 5K91 - Certified Hi-Fiber

##### Guinea Pig
- 5025 Guinea Pig Diet
- 5P18 ProLab Guinea Pig

##### Rabbit
- 5304 - Autoclavable Rabbit Diet
- 5321 - Laboratory Rabbit Diet
- 5326 - Laboratory Rabbit Diet HF
- 5P25 - Prolab Hi-Fiber Rabbit
- 5P26 - Prolab Rabbit Diet

#### Certified Rodent Diet 22%
- 5LF5 - EURodent Diet 22%
- 5LL2 - Prolab RMH 1800
- 5P00 - Prolab RMH 3000
- 5P04 - Prolab RMH 3500, Autoclavable
- 5P06 - Prolab RMH 2000
- 5P07 - Prolab RMH 1000
- 5P14 - Prolab RMH 2500
- 5R24 - Prolab RMH 2500, Autoclavable
- Macro-Pack

#### IRRADIATED DIETS

##### Primate
- 5LP1 - Advanced Protocol PicoVac High Energy Mouse Diet
- 5LP8 - Advanced Protocol PicoLab Natural Sunflower
- 5LRT - PicoLab Certified Timothy Hay Cubes
- 5LS4 - PicoLab Laboratory Rabbit Diet
- 5P75-5P76 - Prolab isopro RMH 3000
- 5V12 - Advanced Protocol Verified - 75 IF EXT
- 5V5M - Advanced Protocol PicoLab Select Mouse 50 IF/9F
- 5V5R - Advanced Protocol PicoLab Select Rodent 50 IF/6F
- 5V75 - Advanced Protocol PicoLab Verified 75 IF
- 5BNX - Modified mouse w 30% milk product/48% lctal fat
- Macro-Pack

##### Guinea Pig
- 5053 - PicoLab Rodent Diet 20
- 5061 - PicoVac Lab Rodent Diet

#### ENRICHMENT PRODUCTS

##### Rodent
- 5B1X - LabTreat OmniTreat Enrichment Pellets
- 5TCY - LabTreat OmniTreat Enrichment Tablets
- 5TUL - Purified Rodent Tablets
- 5STUM - Grain-Based Rodent Tablets

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Source Selection Information—See FAR 2.101 and 3.104
Page 7 of 15
## Purina LabDiet

### STANDARD DIETS

**Primate**
- 5037-5038 - Monkey Diet
- 5040 - New World Primate Diet
- 5045-5047 - High Protein Monkey Diet
- 5049-5050 - Laboratory Fiber-Plus Monkey Diet
- 5052 - Fiber-Balanced Monkey Diet
- 5048 - Certified Primate Diet
- 5C48 - Certified Primate C
- 5K91 - Certified Hi-Fiber Primate

**Ruminant**
- 5LRT - PicoLab Certified Timothy Hay Cubes

**Swine**
- 5C99 - Certified Mini-Pig G/M C
- 5K99 - Certified Mini-Pig Grower/Maintenance Diet

**Canine**
- 5007 - Certified Laboratory Canine Diet
- 5C48 - Certified Canine Diet
- 5L66 - Advanced Protocol High Density Canine Diet 5j5

### CERTIFIED DIETS

**Primate**
- 5062 - Pico-Vac Mouse Diet 20
- 5CG4 - JL Rat & Mouse/ Irr 6F
- 5K36 - CU Pico Guinea Pig 22%
- 5K75 - Advanced Protocol Certified PicoLab Rodent 20
- 5K92 - Advanced Protocol Pico-Vac Rodent Soft Mix
- 5L0D - PicoLab Laboratory Rodent Diet
- 5L25 - PicoLab Rabbit Diet HF
- 5LG4-5LL4 - JL Rat & Mouse/ Irr 6F
- 5LG2 - JL Rat & Mouse/ Irr 10F
- 5LG6 - JL Rat & Mouse/ Irr 4F
- 5LJ5 - Advanced Protocol PicoLab High Energy Mouse Diet
- 5LP1 - Advanced Protocol Pico-Vac High Energy Mouse Diet
- 5LP8 - Advanced Protocol PicoLab Natural Sunflower
- 5LRT - PicoLab Certified Timothy Hay Cubes
- 5LS4 - PicoLab Laboratory Rabbit Diet
- 5P75-5P76 - Prolab Isopro RMH 3000
- 5V12 - Advanced Protocol Verified - 75 IF EXT
- 5V5M - Advanced Protocol

### IRRADIATED DIETS

**Primate**
- 5B1X - LabTreat OmniTreat Enrichment Pellets
- 5K24 - Monkey Delight Tablets
- 5TCY - LabTreat OmniTreat Enrichment Tablets
- 5TUQ - Purified Non-Human Primate Tablets
- 5TUR - Grain-Based Non-Human Primate Tablets

### OTHER

- 5TVZ - Guinea Pig Tablets
- 5TUW - Cellulose Tablets (Calorie-Free)
- 5TUT - Sucrose Reward Tablets

### LAB TREAT ENRICHMENT

Source Selection Information—See FAR 2.101 and 3.104
## Purina LabDiet

### STANDARD DIETS

**Poultry**
- 5065 - Laboratory Chick Diet S-G
- 5070 - Laboratory Cage Layer Diet
- 5LP5 - Advanced Protocol Small Avian Maintenance
- 5LP6 - Advanced Protocol Large Avian Maintenance

**Ruminant**
- 5508 - Rumilab Diet
- 5510 - Rumilab Maintenance Diet

**Swine**
- 5080 - Laboratory Mini-Pig Starter Diet
- 5081 - Laboratory Mini-Pig Grower Diet
- 5082 - Laboratory Mini-Pig Breeder Diet
- 5084 - Laboratory Porcine Grower Diet
- 594K - Advanced Protocol Low

### CERTIFIED DIETS

**Swine**
- 5080 - Laboratory Mini-Pig Starter Diet
- 5081 - Laboratory Mini-Pig Grower Diet
- 5082 - Laboratory Mini-Pig Breeder Diet
- 5084 - Laboratory Porcine Grower Diet
- 594K - Advanced Protocol Low

### IRRADIATED DIETS

**Poultry**
- 5065 - Laboratory Chick Diet S-G
- 5070 - Laboratory Cage Layer Diet
- 5LP5 - Advanced Protocol Small Avian Maintenance
- 5LP6 - Advanced Protocol Large Avian Maintenance

**Ruminant**
- 5508 - Rumilab Diet
- 5510 - Rumilab Maintenance Diet

**Swine**
- 5080 - Laboratory Mini-Pig Starter Diet
- 5081 - Laboratory Mini-Pig Grower Diet
- 5082 - Laboratory Mini-Pig Breeder Diet
- 5084 - Laboratory Porcine Grower Diet
- 594K - Advanced Protocol Low

### LAB TABLETS AND PELLETS

- 5LP8 - Advanced Protocol PicoLab Natural Sunflower
- 5LRM - Monkey Morsels Nut-Free Irradiated
- 5LRN - Monkey Jumble Nut-Free Irradiated
- 5LRV - Veggie Relish Irradiated
- 5TJV - Foraging Bits

### CUSTOM ENRICHMENT

The standard tablet weights used are the 45mg, 1 gm and 5 gm.

Source Selection Information—See FAR 2.101 and 3.104
Page 9 of 15
## Purina LabDiet

<table>
<thead>
<tr>
<th><strong>STANDARD DIETS</strong></th>
<th><strong>CERTIFIED DIETS</strong></th>
<th><strong>IRRADIATED DIETS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Residue Porcine Surgery Mix</strong></td>
<td><strong>Diet</strong></td>
<td><strong>tablets. Other sizes are available. Custom Precision Pellet Tablets can be flavored and colored.</strong></td>
</tr>
<tr>
<td>• 5L80 - Laboratory Mini-Pig HF Grower Diet</td>
<td>• 5LP1 - Advanced Protocol Pico-Vac High Energy Mouse Diet</td>
<td></td>
</tr>
<tr>
<td>• 5P94 - Prolab Mini-Pig Diet</td>
<td>• 5LP8 - Advanced Protocol PicoLab Natural Sunflower</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 5LRT - PicoLab Certified Timothy Hay Cubes</td>
<td></td>
</tr>
<tr>
<td><strong>Canine</strong></td>
<td><strong>5LS4 - PicoLab Laboratory Rabbit Diet</strong></td>
<td></td>
</tr>
<tr>
<td>• 5006 - Laboratory Canine Diet</td>
<td>• 5P75-5P76 - Prolab Isopro RMH 3000</td>
<td></td>
</tr>
<tr>
<td>• Advanced Protocol® Low Residue Canine Surgery mix 5K94</td>
<td>• 5V12 - Advanced Protocol Verified - 75 IF EXT</td>
<td></td>
</tr>
<tr>
<td>• 5L18 - Advanced Protocol® High Density Canine Diet</td>
<td>• 5V5M - Advanced Protocol PicoLab Select Mouse 50 IF/6F</td>
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</tr>
<tr>
<td>• Advanced Protocol® Certified High Density Canine Diet 5L66</td>
<td>• 5V5R - Advanced Protocol PicoLab Select Rodent 50 IF/6F</td>
<td></td>
</tr>
<tr>
<td>• 5P40 - Prolab® Canine 1600</td>
<td>• 5V75 - Advanced Protocol PicoLab Verified 75 IF</td>
<td></td>
</tr>
<tr>
<td>• 5P41 - Prolab® Canine 2000</td>
<td>• Macro-Pack</td>
<td></td>
</tr>
<tr>
<td><strong>Ferret</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 5L14 - High density Ferret Diet</td>
<td></td>
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</tr>
</tbody>
</table>
## STANDARD DIETS

**Rodent**
- Rodent Diet, AIN-76A
- Rodent Diet, AIN-93G
- Rodent Diet, AIN-93M
- Ketogenic Diet, AIN-76A-Modified High Fat, Paste
- Mouse Diet, High Fat Fat Calories (60%), Paste
- Mouse Diet, High Fat Fat Calories (60%), Soft Pellets
- Rodent Diet, Grain-Based, Control

**Primate**
- Primilac™ Liquid Infant Primate Diet
- Rhesus Liquid Diet, Control
- AIN-76, Shake and Pour
- Kahn-Pregnant/Weaning
- Lieber-DeCarli '82
- Lieber-DeCarli '82, Shake and Pour
- Low Fat, Lieber-DeCarli '83, '89, Shake and Pour
- Pregnant/Weanling, High Protein, Lieber-DeCarli '82
- Pregnant/Weanling, High Protein, Lieber-DeCarli '82, Shake and Pour
- Reyes, Chocolate Flavor, Ethanol and Maltose Dextrin
- Liquid Diet Feeding Tubes and Holders
- Shake and Pour Bottle (160 oz.)
- Maltose Dextrin (Dried Glucose Syrup, Fine)
- AIN-76/AIN-76, Shake and Pour
- Kahn-Pregnant/Weaning
- Lieber-DeCarli '82

## LIQUID DIETS

**Primate**
- Primilac™ Liquid Infant Primate Diet
- Rhesus Liquid Diet, Control
- Kahn-Pregnant/Weaning
- Lieber-DeCarli '82
- Lieber-DeCarli '82, Shake and Pour
- Low Fat, Lieber-DeCarli '83, '89, Shake and Pour
- Pregnant/Weanling, High Protein, Lieber-DeCarli '82
- Pregnant/Weanling, High Protein, Lieber-DeCarli '82, Shake and Pour
- Reyes, Chocolate Flavor, Ethanol and Maltose Dextrin
- Liquid Diet Feeding Tubes and Holders
- Shake and Pour Bottle (160 oz.)
- Maltose Dextrin (Dried Glucose Syrup, Fine)
- AIN-76/AIN-76, Shake and Pour
- Kahn-Pregnant/Weaning
- Lieber-DeCarli '82

## DUSTLESS, PRECISION PELLETS

**Rodent**
- DPPs, Grain-Based, Rodent
- DPPs, Purified, Rodent
- DPPs, Sucrose
- DPPs, Sugar

**Primate**
- DPPs®, Grain Based, Primate
- DPPs®, Purified, Primate
- DPPs, Sucrose®
- DPPs, Sugar®

## ENRICHMENT

**Rodent**
- Rodent BLT's™
- Bacon Yummies™, Certified
- Rodent Foraging Crumbles, Certified
- Fruit Crunchies™, Certified
- Veggie Crunchies, Certified
- Fruity Bites™, Certified
- Fruity Gems™, Certified
- Veggie-Bites™, Certified
- Sunflower Seeds
- Black Oil – Sterile
- Supreme Mini-Treats™, Certified
- Yogurt Drops, Certified
- Yogurt Bites, Certified
- Yogurt Bites, Certified
- Mealworms, dried certified

**Canine**
- B-Wholesome Treats Certified
- Bacon Softies Certified Non-Sterile/Sterile
- Bacon Yummies Certified
- Beefy Bites Certified
- Beefy Blocks Certified
- Bimble Bones Certified
- K-9 Beef Treats Certified

*Source Selection Information—See FAR 2.101 and 3.104*
## Bio-Serv

### MEDICATED

#### Rodent
- Dox Diet - Sterile
- Mouse Diet, Helicobacter 4 Drug Combo, 1/2" Pellets - Sterile
- Mouse Helicobacter MD's™ 4 Drug Combo - Sterile
- Mouse MD's™ Baytril (0.5 mg/Tablet)
- Rat Helicobacter MD's™ 4 Drug Combo
- Rodent Diet, Grain-Based Fenbendazole (150 mg/kg)
- Rodent MD's™ Rimadyl (2 mg/Tablet)
- SCIDS MD's™ - Sterile
- SCIDS MD's™ Breeders Formula - Sterile
- Lieber-DeCarli '82, Shake and pour
- Pregnant/Weaning, High Protein
- Pregnant/Weaning, High Protein '82, Shake and pour
- Reyes, Chocolate Flavor, Ethanol and Maltose Dextrin
- Maltose Dextrin
- Mouse MD's™
- Rodent Diet, Grain-Based
- Fenbendazole (150 mg/kg)
- Rodent MD's™
- Rimadyl (2 mg/Tablet)
- SCIDS MD's™ - Sterile
- SCIDS MD's™ Breeders Formula - Sterile
- Mouse Helicobacter MD's™
- 4 Drug Combo - Sterile
- Mouse MD's™
- Baytril (0.5 mg/Tablet)
- Rat Helicobacter MD's™
- 4 Drug Combo
- Rodent Diet, Grain-Based
- Fenbendazole (150 mg/kg)
- Rodent MD's™
- Rimadyl (2 mg/Tablet)
- SCIDS MD's™ - Sterile
- SCIDS MD's™ Breeders Formula - Sterile
- Lieber-DeCarli '82, Shake and pour
- Pregnant/Weaning, High Protein
- Pregnant/Weaning, High Protein '82, Shake and pour
- Reyes, Chocolate Flavor, Ethanol and Maltose Dextrin
- Maltose Dextrin

#### Primate
- PrimiOtic™ - Primate Probiotic
- Primate MD's™, Antibiotic
- Primate MD's™, Anti-anxiety
- Primate MD's™, Antihelminthic
- Primate MD's™, Anti-inflammatory
- Primate MD's™, NSAID
- Primate MD's™, Steroid
- Primate MD's™ - All
- Primate MD's™
- Rimadyl (2 mg/Tablet)
- SCIDS MD's™
- Breeders Formula - Sterile
- Mouse MD's™
- Baytril (0.5 mg/Tablet)
- Rat Helicobacter MD's™
- 4 Drug Combo
- Rodent Diet, Grain-Based
- Fenbendazole (150 mg/kg)
- Rodent MD's™
- Rimadyl (2 mg/Tablet)
- SCIDS MD's™ - Sterile
- SCIDS MD's™ Breeders Formula - Sterile
- Lieber-DeCarli '82, Shake and pour
- Pregnant/Weaning, High Protein
- Pregnant/Weaning, High Protein '82, Shake and pour
- Reyes, Chocolate Flavor, Ethanol and Maltose Dextrin
- Maltose Dextrin

#### Guinea Pig
- Veggie Chips
- Veggie Chips (certified)
- Fruit Crunchies certified
- Fruity Bites certified
- Fruity gems certified
- Nutrablocks certified
- PRIMA-treats
- PRIMA-treats uncolored
- Rabbit Stix certified
- Supreme mini-treats certified
- Timothy cubes certified
- Timothy Hay Mini-Baes certified
- Yogurt drops certified
- Yogurt Snax certified
- Veggie bites certified

#### Primate
- Veggie Chips (certified)
- Veggie crunchies (certified)
- Acacia gum
- B wholeseme treats certified
- Bimple bones certified
- Crumble disks
- Crumble disks certified
- Fruit and Nut Foraging Mix certified
- Fruit Crunchies Certified
- Sterile/Non-Sterile
- Fruity Bites Certified
- Fruity Gems Certified
- Grainola Trail Mix
- Mealworms, draid certified

Source Selection Information—See FAR 2.101 and 3.104
<table>
<thead>
<tr>
<th>SPECIAL NEEDS DIETS</th>
<th>Bio-Serv</th>
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<tr>
<td><strong>Rodent</strong></td>
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<td>• Bacon Softies certified</td>
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<tr>
<td>• Love Mash Reproductive</td>
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<tr>
<td>• Nutri-Gel Diet (certified / sterile, grain-based)</td>
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<tr>
<td>• Nutri-Gel Diet grain-based Dry Mix Kit</td>
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<tr>
<td>• Nutri-Gel Diet Purified Dry Mix Kit</td>
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<td>• Transgenic rough diet</td>
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<td><strong>Canine</strong></td>
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<tr>
<td>• Transgenic Rough Diet™-Sterile</td>
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<tr>
<td>• Bacon Softies certified</td>
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<td><strong>Guinea Pig</strong></td>
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<td>• Sugar free treats calorie-free pellets</td>
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<td><strong>Rabbit</strong></td>
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<tr>
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<tr>
<td>• Sugar free Treats Calorie-free</td>
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<td>• Prima Burgers</td>
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<td>• Softies</td>
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<td>• PRIMA-treats</td>
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<td>• Monkey chowies</td>
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<td>• Sunflower Seeds Black Oil -Sterile</td>
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<td>• Supreme Mini Treats Certified, non-sterile/Sterile</td>
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<td>• Beefy Bites™, Certified</td>
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<td>• Veggie Chips</td>
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<td>• Veggie Crunchies (certified)</td>
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<td>• Fruity gems™ certified</td>
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<tr>
<td>• PRIMA-Treats®</td>
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<tr>
<td>• Rabbit Stix certified – rabbit only</td>
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Source Selection Information—See FAR 2.101 and 3.104
Page 13 of 15
# Bio-Serv

## Primate
- PrimiOtic-Primate Probiotic
- Monkey Dough Diet
- Prima Burgess
- Primalac Liquid Infant Primate Diet
- Sensitive System Diet
- Softies
- Sugar-free Treats calorie-free Pellete

## CUSTOM DIETS
Diet will be produced to customer specifications for each animal species as requested.

## Swine
- Turf foraging Crumbles certified

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Source Selection Information—See FAR 2.101 and 3.104

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Dyets, Inc.

Dyets, Inc. provides VHA facilities with custom formulated liquid, mineral, and vitamin diets for laboratory animals (rat, mouse, guinea pig, hamster, gerbil, cat, dog, ferret, rabbit, pig, and monkey) as directed by each research facility specific to their individual study requirements.

**Research Animal Bedding**

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<tr>
<th>RESEARCH ANIMAL BEDDING MANUFACTURERS and DISTRIBUTORS</th>
<th>BEDDING TYPE</th>
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<tr>
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<tr>
<td>Bed O-Cob® 1½</td>
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<td>Bed O-Cob® combo</td>
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<td>7099M Teklad Maple Sani Chips, 22 cubic foot bale</td>
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<td>7099S Teklad Softwood Screened, 2 cubic foot bale</td>
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Source Selection Information—See FAR 2.101 and 3.104