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ADDENDUM ONE

July 29, 2014

DPW Project #15310
Wildlife Research Laboratory
Department of Fish and Game (IDFG)
Eagle, Idaho

The RFQ dated July 9, 2014 is clarified as noted below.

1. Submittals will be received at the Division of Public Works, 502 N. 4th Street, P.O. Box 83720 Boise, ID 83720-0072, until **August 8, 2014 at 5:00 p.m.**, for furnishing design-build services to the State of Idaho.
2. PROPOSED DATES:

Informational Meeting	July 28, 2014
Receive Submittal	August 8, 2014
Oral Interviews	August 21, 2014
Review by PBFAC	September 9, 2014
3. Sign-In Sheets from Informational Meeting attached. (four pages)
4. Wildlife Health & Forensic Lab Needs prepared by Idaho Department of Fish & Game, four pages total.

End of Addendum

Sign-in Sheet

DPW Project No. 15310
Wildlife Research Lab
Department of Fish and Game
Eagle, Idaho

Informational Meeting

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Wildlife Health & Forensic Lab Needs

- **Biological & Safety Considerations of Necropsy Facility.**
 - Need a closed yet visible necropsy space that allows access to designated staff, but could allow for viewing without exposure to potentially dangerous zoonotic pathogens.
 - Restroom/Showers connected to Necropsy for showering in and out if needed.
 - Pass-through for samples.
 - Adequate floor drains, sealed cabinets made of materials that can be hosed down ,stainless steel countertops
 - Large enough grinder to ensure any materials going into septic system is adequately addressed and/or filters system to minimize any impacts on septic system.
 - Separate X-ray area that would allow for X-rays while other people are present in the general lab would be beneficial. X-ray area – table, machine, processor with access to electricity and water, storage of film and lead aprons etc.

- **Ventilation System Adequacy**
 - Odors internally (limit or separate from necropsy and rest of lab and offices)
 - Odors externally (other campus buildings – need for dampers?)
 - Independent Temperature controls?
 - Heat loads in different spaces because of -80 freezers and other large machines.

- **Increase the function and design of the Cooler/Freezer**
 - Energy efficiency of system
 - Outside the lab versus inside the lab for efficiency, ease of maintenance.
 - Secure and locked for evidence storage.
 - Size of cooler and freezer to adequately support lab functions. The freezer is the smallest of all regional offices even though the lab is often the final destination for carcasses.
 - Rail system to bring larger animals into and out of the cooler/freezer system for safety and ergonomics of staff.

Without a rail system into freezer, staff is required to carry carcasses into the freezer by hand and stack them on the floor. This can be a serious problem especially for large/heavy animals.

○ **Wet Laboratory and Genetics Laboratory Space**

- Lots of bench space with sinks and lots of GFI protected outlets.
- Separate closets/rooms for clean set up of PCR samples and for secure, locked storage of forensic evidence.
- Adjustable bench space with closed door storage shelving
- Biological Cabinet ventilation and adequate ventilation of space because of chemicals utilized for genetic work and preservation of laboratory specimens.
- Supported bench space for heavy machines (genetic sequencers, autoclaves, incubators)
- Work space with network access and phone lines
- Gas lines?
- Cabinets for storage
- Floor drains in Wet Lab.
- Consider flow of materials into the lab – either through front door or necropsy room. Contamination of public areas to be avoided. Avoiding bottlenecks in traffic flow for large materials and samples.

○ **Adequate Storage Space**

- Storage space is required for capture supplies, capture equipment, coolers, shipping materials, genetic supplies, kit making materials, necropsy supplies and other health/forensic related materials.
- Separate locked drug room for storage of the Class V drug safe and immobilization projectors is required.
- Out building with two garage bays for vehicles, and a place for trailer(s), and other assorted small vehicles and shelving for storage of tools and mechanical support of vehicles.

- **Additional Animal Holding area**
 - Small animal handling and storage room. Similar to necropsy in construction. Includes cages and water to clean cages, ideally in a separate area from the kennel area. Soundproof walls and ceiling?
 - Access door should have a window with shades? For viewing
 - Floor drain and stainless steel cabinets for storage of evaluation/treatment supplies.
 - Washable floor to ceiling
Stainless steel treatment table

DESCRIPTION OF WORK: (INCLUDE AS MUCH DETAIL AS POSSIBLE OR ATTACH THIRD PARTY ESTIMATE DETAIL. INCLUDE ANY PRESENT OR PREVIOUS COST DATA, IF AVAILABLE.

Construct a multi-purpose, 4,000 square foot, wildlife health-forensic lab and associated 2,000 square foot storage building. Functional requirements for the facility include:

Designated office space versus lab space: keeping airflow to a minimum between the two to reduce the spread of pathogens and secured doors between office and lab space (key card or key punch entry for lab only personnel). Whole facility alarmed with sensors at all entry points and motions sensors in key rooms/doors.

Office space:

- 1) Administrative reception and intake area (Copier/Scanner/Fax, Mailing, Record Keeping, Data Management)
- 2) 3 Offices – 3 FTE's (Wildlife Veterinarian, Wildlife Lab Manager, Wildlife Health Technologist)
- 3) Conference room
- 4) Kitchen with sink, oven, and refrigerator
- 5) Male & Female bathrooms accessible from administrative reception area
- 6) Library with workspace for up to 2 temporaries/interns
- 7) Computer server room
- 8) Janitor/Furnace/Storage
- 9) Training Room (connected off the Kitchen with access to bathrooms)

Necropsy space:

- 1) Necropsy room (550 ft²):
 - Floor drain
 - Sink and counter work space
 - Drive-up/drop-off access to walk-in cooler (pass through cooler from outside to inside) also connected to freezer
 - Completely washable
 - Space adjacent to necropsy for accessioning samples with pass-through window to necropsy with computer work space
- 2) Walk-in cooler (150 ft²) with overhead rail system and adjoining necropsy
- 3) Freezer (150 ft²) with overhead rail system and adjoining necropsy
- 4) Bathroom, shower, lockers, laundry (200 ft²): clean entry/exit to necropsy
- 5) X-ray room in or near necropsy room (100 ft²)
- 6) Incinerator- attached to necropsy

Wet lab space:

Needs to conform to OSHA regulations, close to accessioning area and necropsy

- 1) Wet lab (500 ft²)
 - Multiple sinks
 - vacuums, gas, H2O
 - high and low bench space
 - storage in cabinets and bench space
 - open concept
 - space for -80 freezers, refrigerators, upright freezer
- 6) Chemical safe room (75 ft²)
- 7) Dart projectors and capture supply room (100 ft²)
- 8) Animal care room (250 ft²)
 - drain
 - water source
 - washable, stainless steel cabinets, animal pens and exam table
 - door with large window

Genetics space:

- 1) Genetics DNA lab (400 ft²)
 - Room, with secure adjoining room
 - Walls with lots of windows into the rest of the lab
 - Bench space for sequencer, lab equipment and computers and lots of storage cabinets
 - Hood space
 - Freezers, refrigerators
- 2) Clean room for PCR (75 ft²) – Room for freezer/refrigerator and bench space
- 3) Genetic/Forensic Secure Storage Space (75 ft²)

Out Building Storage:

- 1) Storage building, heat required, lighting required, water required, double garage style door (2500ft²)