

Task Area 4: Biological Specimen Research Support

Sample Task Order: Literature Searches and Market Research to Transfer Method and Quality Control Procedures for the Transfer of Biospecimens from Beijing, China to the NCI Frederick Repository

Background

In 2012, the NCI conducted a pilot study of 275 subjects to determine the feasibility of collecting and assessing the quality of data on current diet, nutritional status, physical activity, physical strength, UV exposure, DNA methylation status and other environmental exposures in adolescents 15 – 17 years of age and early adulthood in their mothers. Blood samples, toe nails and saliva were collected on all subjects and reside in a repository in Beijing, China. The NCI requires that the samples be shipped to the NCI Frederick repository in Frederick, Maryland. The shipment will include 560 2-ml. saliva samples, 1,120 2-ml. blood samples, and 186 toe nail samples.

Statement of Work

The contractor shall conduct literature searches and market research for all import, export and international requirements for shipping the above noted biospecimens. Within these requirements, the contractor shall research procedures available for shipping each type of sample. The contractor shall describe all possible quality control procedures for such type of shipment.

Deliverables

The deliverables will consist of:

1. A report describing all necessary requirements for shipping biospecimens, due within 1 week of the start of the task order.
2. A report describing all possible procedures for shipping the biospecimens so as to preserve their integrity, due within 2 weeks of the start of the task order.
3. A report describing all possible quality control procedures for each type of shipment, due within 3 weeks of the start of the task order.

All reports will be subject to Contracting Officer's Representative review, within 5 days of receipt.

Period of Performance

The period of performance for this task order is 1 month.