



STATE PROCUREMENT OFFICE
NOTICE & REQUEST FOR SOLE SOURCE

1. TO: Chief Procurement Officer
2. FROM: Health/Family Hlth Serv Div/Children w/ Special Hlth Needs
Department/Division/Agency

Pursuant to §103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

3. Description of goods, services, or construction:
DNA testing for alpha thalassemia mutations for Medicaid/Quest newborns and families detected through the state mandated Newborn Metabolic Screening Program. These tests include:
- 1) -(a)3.7 single gene deletion;
 - 2) -(a)4.2 single gene deletion;
 - 3) HbCS (Hemoglobin "Constant Spring" single nucleotide mutation);
 - 4) --(a)20.5 triple gene deletion;
 - 5) --(a)MED triple gene deletion;
 - 6) --(a)SEA double gene deletion;
 - 7) --(a)FIL quadruple gene deletion, and;
 - 8) --(a)THAI quadruple gene deletion.

The testing fee is \$200 per individual. Each family needs the newborn, mother and father to be tested. Up to 75 families per year may be tested based on our current screening and follow-up rate.

4. Vendor Name: Queen's Genetics Laboratory
Address: 1010 S. King Street, Suite 201
Honolulu, HI 96184

5. Price:
\$90,000

6. Term of Contract:
(mm/dd/yyyy) From: 11/01/2007 To: 10/31/2009

7. Prior Sole Source Ref No.

8. Feature: The good, service, or construction has the following unique features, characteristics, or capabilities: Queen's Genetics Laboratory (QGL) is the only laboratory in the State of Hawaii that does the DNA mutation analysis for alpha thalassemia. Alpha thalassemia trait is the most common genetic condition found on the state mandated newborn metabolic screening with 1 in 46 babies testing positive for alpha thalassemia trait. The QGL is fully CLIA-88 accredited through the College of American Pathologists and the assays have been validated on a wide sample population. The laboratory is knowledgeable about the common mutations found in the Hawaii population. The laboratory director is a American Board of Medical Genetics certified PhD geneticist in molecular genetics. Results are generally available within 14 days after submission of the blood specimens.

9. Essential features. How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:

Approximately 30 newborns per month are identified by the state mandated Newborn Metabolic Screening Program to be at risk for thalassemia trait or disease. In order to provide appropriate follow-up to the identified newborns and their families DNA mutation analysis needs to be offered. The information provided is important to provide management to newborns with a significant thalassemia condition and avoid a possible fatal thalassemia condition in future pregnancies. Medicaid and Quest do not provide payment for alpha thalassemia DNA testing so families covered by these entities will not be able to afford to pay for the DNA testing on their own. Therefore, they can not receive the information necessary to accurately diagnosis the severity and risks of their trait.

The Queens Genetics Laboratory is uniquely equipped to provide the DNA mutation analysis using the mutations most commonly found in the Hawaii population.

11. Alternate source. The following other possible sources for the good, service, or construction were investigated but do not meet our needs because:

The state laboratory does not perform DNA mutation analysis for alpha thalassemia. No other private laboratories in Hawaii perform DNA mutation analysis for alpha thalassemia.

12. Direct any inquiries to:

Department: Health/Genetics Program
 Contact Name/Title: Sylvia Au, Genetics Coordinator

13 Phone Number:

733-9063
 Fax Number:
733-9068

Expenditure may be processed with a purchase order: Yes No If no, a contract must be executed and funds certified.

Agency shall ensure adherence to applicable administrative and statutory requirements.

14. *I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.*



SEP 13 2007

Department Head

Date

Reserved for SPO Use Only

15 Date Notice Posted: 9/19/07

Submit written objections to this intent to issue a sole source contract within seven calendar days or as otherwise allowed from the above posted date to:

Chief Procurement Officer
 State Procurement Office
 P.O. Box 119
 Honolulu, Hawaii 96810-0119

16. Chief Procurement Officer's comments:

This approval is based on the DOH's representation that no other testing facilities in Hawaii is able to offer the specific DNA testing necessary for their program

17.

APPROVED DISAPPROVED NO ACTION REQUIRED


Chief Procurement Officer

10/2/07
Date