

**NATIONAL CANCER INSTITUTE OFFICE OF ACQUISITIONS
BID BOARD POSTING**

Title: **Fully Automated Genotyping Services with real time PCR and digital results for mice strains**
Document Type: Pre-solicitation Notice
Solicitation Number: HHS-NIH-NCI-TSB-0311-25
Posted Date: 03/11/2021
Response Date: 03/22/2021
NAICS Code: 541380 Testing Laboratories
Set Aside: No Set-Aside/Unrestricted

THIS IS A PRESOLICITATION NON-COMPETITIVE (NOTICE OF INTENT) SYNOPSIS TO AWARD A PURCHASE ORDER WITHOUT PROVIDING FOR FULL AND OPEN COMPETITION.

Contracting Office Address

Department of Health and Human Services, National Institutes of Health, National Cancer Institute (NCI), Office of Acquisitions, Riverside Five, Suite 400, 8490 Progress Drive, Frederick, MD 21701, UNITED STATES.

Description

The National Cancer Institute (NCI) Office of Acquisitions, on behalf of the National Center for Complementary and Integrative Health (NCCIH), intends to negotiate and award a Time and Materials BPA Call on a non-competitive sole source basis for Fully Automated Genotyping Services with Real Time PCR and Digital results for mice strains.

The response close date of this notice for this requirement is in accordance with FAR 5.101(a)(2). The product herein shall be procured in accordance FAR Part 12- Acquisition for Commercial Items and in accordance with the simplified acquisition procedures as authorized by FAR Part 13.303-5 and 13.106-1(b)(1), and is exempt from the requirements of FAR Part 6. The resultant award for this commercial product (FAR Part 12) will include all applicable provisions and clauses in effect through Federal Acquisition Circular (FAC) 2005-99 (06/15/2018) and as required by the agency and NCI.

Only one award will be made as a result of this solicitation. This will be awarded as a Time and Materials BPA Call type contract.

The North American Industry Classification System code is 541380, Testing Laboratories, and the business size standard is \$16.5 million dollars.

It has been determined that there are no opportunities to acquire green products or services for this procurement.

The National Center for Complementary and Integrative Health (NCCIH) is dedicated to exploring complementary and alternative healing practices in the context of rigorous science; educating and training CIH researchers; and disseminating authoritative information to the public and professionals.

The National Institutes of Health (NIH), The National Center for Complementary and Integrative Health (NCCIH), Section on Sensory Cells and Circuits aims to understand how somatosensory system encodes gentle and noxious sensations using a large number of transgenic mice strains that are intercrossed. NCCIH plans to genotype mice strains using real-time PCR. In order to keep track of the many different strains and targeted alleles, NCCIH requires genotyping to be done using real-time PCR in a high-throughput manner with a fast turn-around time. NCCIH currently has over 50 mouse strains and this is constantly growing as our research advances. Transnetyx, Inc. has developed customized assays and supplies the data from these assays in a format that is fully integrated into the existing colony management software optimizing time for research and decreasing time in learning a different software. Furthermore, the genotype service must stay the same to maintain consistency and decrease variability in data results.

The Contractor shall provide fully automated genotyping services with real-time (qPCR) technology utilizing TAQman probe, with guaranteed accurate results received in 24-hour or 72-hour turnaround times, as needed. This system eliminates errors due to normal, lab-based screening and allows NCCIH to more efficiently breed scientifically relevant animals faster, more accurately genotype those animals, and reallocate resources to focus on research.

- Between 1 – 10 probes tested per sample
- 24 and/ or 72-hour turn-around times
- Easy on-line secure submission (less than 5 minutes)
- Printable results reported via our secure website
- Real-time PCR processing with QC
- 99.98% accuracy
- Over 16,000 assays already designed and free assay design

PLACE OF PERFORMANCE/DELIVERY: The Contractor shall collect samples via onsite drop box and provide results digitally to: NCCIH, Bethesda, Maryland 20892. The Contractor that receives the award will be provided with the complete address and contact information for the Government representatives.

PERIOD OF PERFORMANCE: Twelve (12) months from the date of award.

OPTIONS: If an award is made, an option for additional hours/services within the 12-month period of performance may be included at the Government's discretion. The Government is not obligated to exercise the option for additional services if it is not in the best interest of the Government, or if funding is not available.

INSPECTION/ACCEPTANCE: Inspection/Acceptance will occur at destination.

PAYMENT: Payment shall be made after delivery, inspection and Government acceptance.

INVOICING: Invoices shall be submitted pursuant to the invoicing instructions as shown in the award.

The proposed contract action is for supplies or services for which the Government intends to solicit and negotiate with only one source, Transnetyx, Inc., under the authority of FAR 13.303-5 and FAR 13.106-1(b)(1). It is believed that Transnetyx, Inc., is the sole service provider that can meet the specific requirements of providing customized assays and supplying the data from these assays in a format that is fully integrated into the existing colony management software, therefore maintaining the same level of consistency and decreasing the potential for variability in data results. Based on market research, Transnetyx, Inc. was identified as the only company with the ability to provide these customized assays. Therefore, the Government anticipates a non-competitive award to Transnetyx, Inc., as they appear to be the only vendor capable of fulfilling the Government's requirement.

This notice of intent/synopsis is not a request for competitive quotations. However, if any interested party, especially a small business, believes it can meet the above requirement, it may submit a capability statement, proposal or quotation which shall be considered by the agency. The statement of capabilities and any other information furnished must be in writing and must contain material in sufficient detail to allow NCI to determine if the party can perform the requirement. **Responses must be received by the contracting office no later than 10:00 AM Eastern Time, on March 22, 2021. All responses and questions must be submitted in writing and emailed to Kelly J. Fowler, Contracting Officer via electronic mail at kelly.fowler@nih.gov.** A determination by the Government not to continue with this proposed contract based upon responses to this notice is solely within the discretion of the Government. Information received will normally be considered solely for the purpose of determining whether to conduct a competitive procurement. No collect calls or facsimiles will be accepted. In order to receive an award, contractors must be registered and have a valid, current Entity Record, including current Representations and Certifications, in the System for Award Management (SAM), through SAM.gov. Reference HHS-NIH-NCI-TSB-0311-25 on all correspondence.

Primary Point of Contact:
Kelly J. Fowler
Contracting Officer
kelly.fowler@nih.gov