

Posting Date: May 2, 2024  
Closing Date: May 12, 2024, 11:30 a.m. ET  
Reference Number: 24-023697  
To: NCI Bid Board  
From: Tanika Graves  
NCI/OA Procurement Branch  
Contract Specialist  
[gravesta@nih.gov](mailto:gravesta@nih.gov)

Subject: NCI Bid Board Posting – procure HGMD Download

Among the defining concepts of the Genetics Branch is one that underlies its primary research focus and others that form the foundation of its clinical and translational research activities. The concept that underlies basic research is that cancer is a genetic disease caused by genetic instability. That instability is a function of all the inherited and acquired effects that mediate plasticity and alterability at the level of DNA. The success of molecular genetics over the past two decades has been the identification of genes involved in growth and development pathways and the mechanisms by which the normal regulation and/or products of these genes are altered in cancer. The elucidation of the necessary and sufficient factors that govern genetic instability, the description of the common and disparate themes among different types of instability, and the cataloging of distinct patterns of gene expression in tumors compared to the normal tissues from which they arise are within the purview and distinct perspective of this branch. There is, in addition, a clinical/translational mantle that this branch is called upon to shoulder.

The Oncogenomics Section and the Laboratory of Pathology uses next-generation sequencing technology to identify mutations in human cancers for providing insights into human cancers and guiding precision medicine for CCR cancer patients treated at the NIH Clinical Center, initially through the ClinOmics program, and now through the NCI-COMPASS Program. HGMD® Professional database is a unique, up-to-date proprietary resource that provides comprehensive knowledge on human gene mutations, especially those of germline origin, through expert review of biomedical literature to curate all genomic variants manually. Its compilation of structured, curated variant information from peer-reviewed literature enables quick access to both single mutation queries and advanced batch search applications. The automated bioinformatics pipelines have employed the HGMD database to tier variants, an effective method to home in on potentially actionable mutations among the thousands of germline variants detected in a single patient.

The National Cancer Institute plans to purchase the HGMD Download from Qiagen, Germantown, MD. This is not a request for a competitive quotation. However, if any interested party believes it can meet the attached requirements, it may submit a statement of capabilities. The capability statement must be in writing and must contain information and material in sufficient detail to allow NCI to determine if the party can fully meet this requirement. The capability statement must be received in the contracting office by 11:30 AM on May 12, 2024, ET. A determination by the Government not to compete with this requirement based upon responses to this notice is solely within its discretion. Information received will be considered exclusively to determine whether to conduct a competitive procurement.

Sole Source Justification:

The HGMD database is a proprietary download that provides essential clinical and research tools used widely throughout the CCR.

Attached Documents:

SF18

Statement of Work

FAR Clause 52.213-4 Simplified Acquisitions Terms and Conditions (JULY 2021) is applicable and available in full text upon request.

**REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)**

THIS RFQ  IS  IS NOT A SMALL BUSINESS SET-ASIDE

PAGE 1 OF 1 PAGES 1

1. REQUEST NO. 24-023697 2. DATE ISSUED 5/2/2024 3. REQUISITION/PURCHASE REQUEST NO. 4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1 RATING

5a. ISSUED BY NCI/CCR Office of Acquisition, Procurement Branch 6. DELIVER BY (Date)

5b. FOR INFORMATION CALL (NO COLLECT CALLS) 7. DELIVERY  FOB DESTINATION  OTHER (See Schedule) 9. DESTINATION

NAME Tanika Graves, Contract Specialist TELEPHONE NUMBER 301 480-0602 8. TO: NIH, NCI

a. NAME b. COMPANY QIAGEN b. STREET ADDRESS c. CITY Bethesda

d.. CITY e.. STATE f.. ZIP CODE MD 20892

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date) 5/12/2024 11:30 EST

**IMPORTANT:** This is a request for information, and quotations furnished are not offers. If you are unable to quote, please indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.

**11. SCHEDULE (Include applicable Federal, State and local taxes)**

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
	HGMD Download, Research Use, Lab				
	<p>Notice of Intent: If submitting a capability statement, please e-mail only 1 copy of the technical capability statement to Tanika.Graeves@nih.gov</p> <p>See attached statement of work</p> <p>This will be awarded as a Firm-Fixed Price Contract.</p>				

12. DISCOUNT FOR PROMPT PAYMENT a. 10 CALENDAR DAYS (%) b. 20 CALENDAR DAYS (%) c. 30 CALENDAR DAYS (%) d.. CALENDAR DAYS NUMBER PERCENTAGE

NOTE: Additional provisions and representations are are not attached.

13. NAME AND ADDRESS OF QUOTER a. NAME OF QUOTER b. STREET ADDRESS c. COUNTY d. CITY e. STATE f. ZIP CODE

14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION 15. DATE OF QUOTATION 16. SIGNER a. NAME (Type or print) b. TELEPHONE AREA CODE

c. TITLE (Type or print) NUMBER

## STATEMENT OF NEED FOR HGMD DATABASE LICENSE CONTRACT

1. Background: The Genetics Branch Khan lab is using next-generation sequencing technology to identify mutations in human cancers. HGMD® Professional is a unique resource providing comprehensive data on human gene mutations. Its compilation of structured, manually curated data from the peer-reviewed literature enables quick access to both single mutation queries and advanced search applications. HGMD® is widely used in human genetics research, diagnostics, and personal genomics applications and is an essential tool to identify cancer-causing mutations. The Genetics Branch Khan lab has been using HGMD database in our analytic pipeline to identify cancer driver mutations. A renewal of the subscription to HGMD database ensures that we have continuous access to this unique resource for our on-going research.
2. Objective: Renewal of a year license for using HGMD and get quarterly update.
3. Tasks:
  - I. The Khan lab shall receive the HGMD database and related releases either by means of online IP based access to the server of Qiagen, Inc. or by means of a file download via Internet.
  - II. For either method, the Khan lab will be provided with a user License Key or ID and password by fax or e-mail.
  - III. DB is regarded delivered when the fax or e-mail has been released by Qiagen Bioinformatics, Inc. and the successful transmission is confirmed by the fax or e-mail sending report.
4. Deliverables:
  - I. License for single lab/single PI/single IP (up to 4 users max) use of HGMD database for one year
  - II. Qiagen Bioinformatics, Inc. will provide a minimum of three releases within the contract term.
5. Acceptance Criteria: The shipment will be accepted once the database has been delivered or updated.
6. Technical liaison: Xinyu Wen [wenxi@mail.nih.gov]
7. Payment schedule: This contract will be paid as a lump sum of \$15,641.00 before the contract starts upon acceptance of the delivery.
8. Period of Performance: The period of performance shall be 05/25/2024-05/24/2025.

TERMS AND CONDITIONS-SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (JUL 2021), FAR 52.213-4

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) [52.203-19](#), Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (JAN 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(ii) [52.204-23](#), Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (JUL 2018) (Section 1634 of Pub. L. 115-91).

(iii) [52.204-25](#), Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (AUG 2020) (Section 889(a)(1)(A) of Pub. L. 115-232).

(iv) [52.222-3](#), Convict Labor (JUN 2003) (E.O.11755).

(v) [52.222-21](#), Prohibition of Segregated Facilities (APR 2015).

(vi) [52.222-26](#), Equal Opportunity (SEP 2016) (E.O.11246).

(vii) [52.225-13](#), Restrictions on Certain Foreign Purchases (FEB 2021) (E.O.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(viii) [52.233-3](#), Protest After Award (AUG 1996) ([31 U.S.C.3553](#)).

(ix) [52.233-4](#), Applicable Law for Breach of Contract Claim (OCT 2004) (Pub.L.108-77, 108-78 ([19 U.S.C. 3805 note](#))).

(2) Listed below are additional clauses that apply:

(i) [52.232-1](#), Payments (APR 1984).

(ii) [52.232-8](#), Discounts for Prompt Payment (FEB 2002).

- (iii) [52.232-11](#), Extras (APR 1984).
- (iv) [52.232-25](#), Prompt Payment (JAN 2017).
- (v) [52.232-39](#), Unenforceability of Unauthorized Obligations (JUN 2013).
- (vi) [52.232-40](#), Providing Accelerated Payments to Small Business Subcontractors (DEC 2013).
- (vii) [52.233-1](#), Disputes (MAY 2014).
- (viii) [52.244-6](#), Subcontracts for Commercial Items (JUL 2021).
- (ix) [52.253-1](#), Computer Generated Forms (JAN 1991).

(b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) [52.204-10](#), Reporting Executive Compensation and First-Tier Subcontract Awards (JUN 2020)(Pub. L. 109-282) ([31 U.S.C. 6101 note](#)) (Applies to contracts valued at or above the threshold specified in FAR [4.1403](#)(a) on the date of award of this contract).

(ii) [52.222-19](#), Child Labor-Cooperation with Authorities and Remedies (JAN 2020) (E.O. 13126) (Applies to contracts for supplies exceeding the micro-purchase threshold, as defined in FAR [2.101](#) on the date of award of this contract).

(iii) [52.222-20](#), Contracts for Materials, Supplies, Articles, and Equipment., Contracts for Materials, Supplies, Articles, and Equipment (JUN 2020) ([41 U.S.C. chapter 65](#)) (Applies to supply contracts over the threshold specified in FAR 22.602 on the date of award of this contract, in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iv) [52.222-35](#), Equal Opportunity for Veterans (JUN 2020) ([38 U.S.C. 4212](#)) (Applies to contracts valued at or above the threshold specified in FAR [22.1303](#)(a) on the date of award of this contract).

(v) [52.222-36](#), Equal Employment for Workers with Disabilities (JUN 2020) ([29 U.S.C. 793](#)) (Applies to contracts over the threshold specified in FAR [22.1408](#)(a) on the date of award of this contract, unless the work is to be

performed outside the United States by employees recruited outside the United States). (For purposes of this clause, "United States" includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(vi) [52.222-37](#), Employment Reports on Veterans (JUN 2020) ([38 U.S.C. 4212](#)) (Applies to contracts valued at or above the threshold specified in FAR [22.1303](#)(a) on the date of award of this contract).

(vii) [52.222-41](#), Service Contract Labor Standards (AUG 2018) ([41 U.S.C. chapter 67](#)) (Applies to service contracts over \$2,500 that are subject to the Service Contract Labor Standards statute and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer Continental Shelf).

(viii) (A) [52.222-50](#), Combating Trafficking in Persons (OCT 2020)([22 U.S.C. chapter 78](#) and E.O. 13627) (Applies to all solicitations and contracts).

(B) Alternate I (MAR 2015) (Applies if the Contracting Officer has filled in the following information with regard to applicable directives or notices: Document title(s), source for obtaining document(s), and contract performance location outside the United States to which the document applies).

(ix) [52.222-55](#), Minimum Wages Under Executive Order 13658 (NOV 2020) (Applies when [52.222-6](#) or [52.222-41](#) are in the contract and performance in whole or in part is in the United States (the 50 States and the District of Columbia)).

(x) [52.222-62](#), Paid Sick Leave Under Executive Order 13706 (Jan 2017) (E.O. 13706) (Applies when [52.222-6](#) or [52.222-41](#) are in the contract and performance in whole or in part is in the United States (the 50 States and the District of Columbia.))

(xi) [52.223-5](#), Pollution Prevention and Right-to-Know Information (MAY 2011) (E.O. 13423) (Applies to services performed on Federal facilities).

(xii) [52.223-11](#), Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (JUN 2016) (E.O. 13693)(applies to contracts for products as prescribed at FAR [23.804](#)(a)(1)).

(xiii) [52.223-12](#), Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (JUN 2016) (E.O. 13693) (Applies to maintenance, service, repair, or disposal of refrigeration equipment and air conditioners).

(xiv) [52.223-15](#), Energy Efficiency in Energy-Consuming Products (MAY 2020) ([42 U.S.C. 8259b](#)) (Unless exempt pursuant to [23.204](#), applies to contracts when energy-consuming products listed in the ENERGY STAR® Program or Federal Energy Management Program (FEMP)) will be-

(A) Delivered;

(B) Acquired by the Contractor for use in performing services at a Federally-controlled facility;

(C) Furnished by the Contractor for use by the Government; or

(D) Specified in the design of a building or work, or incorporated during its construction, renovation, or maintenance).

(xv) [52.223-20](#), Aerosols (JUN 2016) (E.O. 13693) (Applies to contracts for products that may contain high global warming potential hydrofluorocarbons as a propellant or as a solvent; or contracts for maintenance or repair of electronic or mechanical devices).

(xvi) [52.223-21](#), Foams (JUN 2016) (E.O. 13693) (Applies to contracts for products that may contain high global warming potential hydrofluorocarbons or refrigerant blends containing hydrofluorocarbons as a foam blowing agent; or contracts for construction of buildings or facilities).

(xvii) [52.225-1](#), Buy American-Supplies (JAN 2021) ([41 U.S.C. chapter 67](#)) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold, as defined in FAR [2.101](#) on the date of award of this contract, and the acquisition-

(A) Is set aside for small business concerns; or

(B) Cannot be set aside for small business concerns (see [19.502-2](#)), and does not exceed \$25,000).



(xviii) [52.226-6](#), Promoting Excess Food Donation to Nonprofit Organizations., Promoting Excess Food Donation to Nonprofit Organizations (JUN 2020) ([42 U.S.C. 1792](#)) (Applies to contracts greater than the threshold specified in FAR [26.404](#) on the date of award of this contract, that provide for the provision, the service, or the sale of food in the United States).

(xix) [52.232-33](#), Payment by Electronic Funds Transfer-System for Award Management (OCT 2013)(Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the System for Award Management (SAM) as its source of EFT information).

(xx) [52.232-34](#), Payment by Electronic Funds Transfer-Other than System for Award Management (JUL 2013) (Applies when the payment will be made by EFT and the payment office does not use the SAM database as its source of EFT information).

(xxi) [52.247-64](#), Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) ([46 U.S.C. App. 1241](#)) (Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at [47.504\(d\)](#)).

(2) Listed below are additional clauses that may apply:

(i) [52.204-21](#), Basic Safeguarding of Covered Contractor Information Systems (JUN 2016) (Applies to contracts when the contractor or a subcontractor at any tier may have Federal contract information residing in or transiting through its information system.

(ii) [52.209-6](#), Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (JUN 2020) (Applies to contracts over the threshold specified in FAR [9.405-2](#)(b) on the date of award of this contract).

(iii) [52.211-17](#), Delivery of Excess Quantities (*Sept* 1989) (Applies to fixed-price supplies).

(iv) [52.247-29](#), F.o.b. Origin (FEB 2006) (Applies to supplies if delivery is f.o.b. origin).

(v) [52.247-34](#), F.o.b. Destination (NOV 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) *FAR 52.252-2, Clauses Incorporated by Reference (Feb 1998)*. This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

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*[Insert one or more Internet addresses]*

(d) *Inspection/Acceptance*. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its post acceptance rights-

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) *Excusable delays*. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) *Termination for the Government's convenience*. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the

notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) *Termination for cause.* The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) *Warranty.* The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)