

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GLENN RESEARCH CENTER (GRC)
CLEVELAND, OHIO**

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

PR 4200554286

I. Description of Requirement

I recommend that GRC negotiate only with Evico Magnetics for a Magneto-Optical Kerr Microscope and Magnetometer. The period of performance for this procurement is delivery within 5 months ARO. The maximum potential value of this procurement is \$210,414.85. This Magneto-Optical Kerr Microscope and Magnetometer from Evico Magnetics is the only microscope and magnetometer designed all in one. It is the only product that is designed to perform both the functions of the microscope and magnetometer at the same time to take simultaneous measurements.

II. Statutory Basis for Other Than Full and Open Competition

The statutory authority permitting other than full and open competition is 10 U.S.C. 2304(c) (1), only one responsible source and no other supplies or services will satisfy Agency requirements and 10 U.S.C. 2304(g), special simplified procedures.

III. Rationale In Support of Statutory Authority

Evico Magnetics philosophy behind the design of the microscope and magnetometer is unique. NASA GRC requires a Magneto-optical Kerr Microscope and Magnetometer from Evico Magnetics because we must have a system that is designed to simultaneously take measurements with the magnetometer and microscope. This company's device is designed to take these measurements at the same time, and therefore is the only company that meets the specifications. This company's key personnel have written groundbreaking textbooks on the field of magneto-optical domain imaging. NASA GRC must use Evico Magnetics because it is the only company with the expertise and design to allow NASA GRC to build the one of a kind, state of the art lab.

IV. Description and Results of Market Research

In-depth market research was conducted for this procurement and I spoke with several different companies with regards to NASA GRC's specifications. Evico Magnetics is the only company that meets the simultaneous measurements requirements in the specifications.

V. Determination of Fair and Reasonable Cost

The vendor will be required to submit a proposal to be evaluated by the Contracting Officer and technical personnel, with support from internal Price Analysts and external organizations (e.g. DCAA, DCMA) as needed. The guidance and techniques specified at FAR 15.404 and NFS 1815.404 will be followed during the proposal evaluation. If appropriate, price analysis and technical analysis per FAR 15.404-1(b) and (e), and NFS 1815.404-1(e) will be performed to determine and negotiate a fair and reasonable price. If price analysis is not appropriate, then cost analysis and technical analysis, per FAR 15.404-1(c) and (e), and NFS 1815.404-1(e) will be performed to determine and negotiate a fair and reasonable price.

VI. Actions to Remove or Overcome Barriers to Competition

This procurement is removed from competition because a lab is being outfitted with the hopes of becoming one of the most unique the industry. NASA GRC highly values that both measurements are done simultaneously and hopes the benefits are recognized by the community to become the future standard.