

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

Upon the basis of the following justification, I as Contracting Officer hereby approve use of the other than Full and Open competition for the proposed contractual action pursuant to the authority of 10 USC 2304(c)(1), only one responsible source and no other supplier or servicing activity will satisfy agency requirements, as implemented by FAR 6.302-1.

1. Contracting Activity

Naval Postgraduate School
Department of Contracting and Logistics
1 University Circle
Monterey, CA 93943

2. Description of the Action Being Approved

The Department of Mechanical and Aerospace Engineering (MAE) at the Naval Postgraduate School (NPS) has a requirement for contractual services for machining and manufacturing of a Turbine Rotating Detonation Engine (RDE) from Intercity Manufacturing, Inc.

3. Description of Supplies/Services

Machining and manufacturing of a Rotating Detonation Engine (RDE) interfacing to a turbine. This will include the following components machined to respective tolerances provided in the drawings.

1. IgnitionFlange
2. InnerWallBaseSegment
3. InnerWallSegment
4. InnerWallSegmentOpticalWedge
5. OuterWallSegment
6. InnerWallNozzleAdapter
7. OuterWallNozzleAdapter
8. InnerWallTurbineAdapter
9. OuterWallTurbineAdapter

The estimated cost is [REDACTED]

4. Statutory Authority Permitting Sole Source

FAR 6.302 -- Circumstances Permitting Other Than Full and Open Competition.

- 6.302-1 -- Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements.

5. Rational Justifying Use of Cited Statutory Authority

Intercity Manufacturing Inc. is the only machine shop within a twenty mile radius of the NPS who delivers to exact tolerances specified in the drawings. Intercity produces machined products with impeccable quality to exacting standards. This machine shop is local and very responsive to our unique questions and machining demands. This interaction is vital when working on complex projects involving multiple parts and fast turnaround times. NPS and in particular MAE Faculty, students and staff at times will need to drive to the machinist facility as much as three times a day to consult/troubleshoot machining jobs.

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable

This justification for other than full and open competition will be posted at the Government wide Point of Entry.

7. Determination of Fair and Reasonable Cost

Costs will be determined fair and reasonable at time of award by the Contracting Officer and based on previous contracts and similar contracting efforts.

8. Market Research

Market research was conducted and it was determined that there is no other machine shop in the area with the level of precision and ability to fulfill the requirement on schedule. They are a full service machine shop offering top notch lathe expertise, expert C & C machining, and welding to ensure the project is fully complete. There are other machinists in the area, though they are not able to maintain the tolerances, have routine mistakes which incorporate unforeseen delays, and are also not able to complete the workload required from our projects. Intercity produces machined products with impeccable quality to exacting specifications. This machine shop is local and very responsive to our unique questions and machining demands.

9. Other Facts Supporting Use of Other Than Full and Open Competition

Intercity Machining has successfully completed requirements related to MAE NPS combustion research in the past. The NPS has utilized several other machine shops in the area, though none of the other shops have the skill, precision, and able to complete the workload required of our projects.

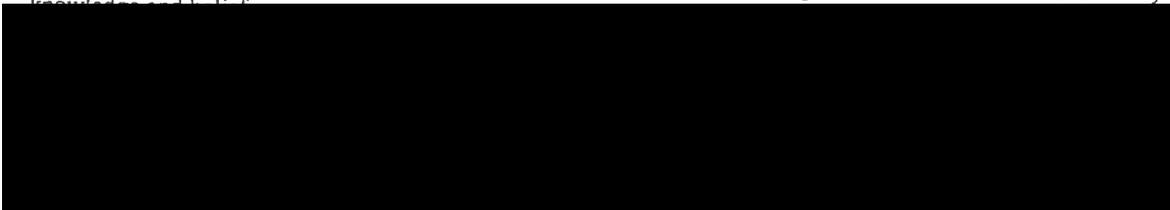
10. Actions to Remove Barriers to Future Competition

The NPS is open to competition from any provider that can satisfy the aforementioned requirements. Market research is routinely conducted in an effort to stay current with the capabilities of local machine shops.

CERTIFICATIONS AND APPROVAL

TECHNICAL/REQUIREMENTS CERTIFICATION

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief.



CONTRACTING OFFICER CERTIFICATION

To the extent that the LSJ value is between \$2,500 and \$150K for services and between \$3K and \$150K for products, the Contracting Officer's signature below also represents approval of the J&A/LSJ.

I certify that this Justification is accurate and complete to the best of my knowledge and belief.

