

## 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

This justification covers the procurement of ANSYS Academic research license renewal From ANSYS. This justification for other than full and open competition will be posted at the Government wide Point of Entry.

### 3. Description of Supplies/Services

The software must have the ability to model/simulate non-linear elastic-plastic response behavior of materials under high stress loading and the behavior of explosives during detonation, and for designing kinetic and chemical energy penetrators.

### 4. Statutory Authority Permitting Sole Source (select one below, CTRL + click to read more about each)

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

This is a software maintenance/ license renewal for an Academic software Suite. This suite was originally procured on an academic pricing schedule. From the market research conducted, the exact tools needed in this suite were not available through government resellers.

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

There were no efforts made to solicit offers from as many vendors practicable, because this software suite is an Academic software suite. Resellers do not offer this particular package of software on the academic pricing schedule.

**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** (insert market research summary from Market Research Memorandum)

ANSYS is the sole developer and maintainer of the AUTODYN codes. The codes have unique features beneficial and specific to the energetics and explosive conducted in the PH and MAE departments and to NPS graduate education, particularly for the Master Degree thesis work where there is only 5-9 months available for research. With respect to the latter, the codes are menu-driven and as such user-friendly, reducing time ordinarily required for proficiency in performing multi-dimensional multi-material hydrodynamic computations. There are no other finite difference codes having these characteristics.

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

Several MAE classes are currently using this software for academic purposes. If we were to switch to a different piece of software, we would need to work with faculty on new software they would like to use.

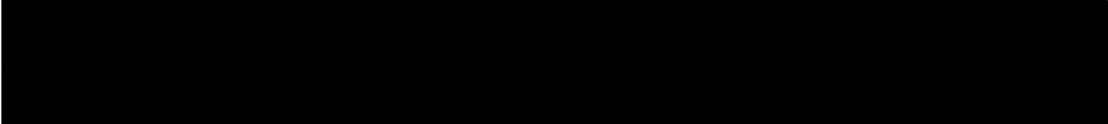
**10. Actions to Remove Barriers to Future Competition**

Currently there are no actions that can be done to open this requirement to future competition.

## 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.

