

JUSTIFICATION FOR SINGLE SOURCE AWARDS IAW [FAR 13.106-1](#)
(OVER MICRO-PURCHASE THRESHOLD(\$3.5K) BUT NOT EXCEEDING THE SAT (\$150K))

IAW [FAR13.104](#), COs must promote competition to the maximum extent practicable to obtain supplies and services from the source whose offer is the most advantageous to the Government, considering the administrative cost of the purchase. When competition is not practicable, IAW [FAR13.106-1\(b\)](#), COs solicit from a single source for purchases not exceeding the simplified acquisition threshold. COs may solicit from one source if the CO determines that the circumstances of the contract action deem only one source reasonably available (e.g., urgency, exclusive licensing agreements, brand-name or industrial mobilization). IAW [FAR13.106-3\(b\)\(3\)](#), COs are required to include additional statements ***explaining the absence of competition*** (see [13.106-1](#) for brand name purchases) if only one source is solicited and the acquisition does not exceed the simplified acquisition threshold (does not apply to an acquisition of utility services available from only one source) or supporting the award decision if other than price-related factors were considered in selecting the supplier. This template when completed can be used to document single source awards IAW [FAR13.106-3\(b\)\(3\)](#). Note: Statements such as "only known source" or "only source which can meet the required delivery date" are inadequate to support a sole source purchase.

1. ACQUISITION PLAN ACTION ID:
VA247-17-AP-4512

1A. PROJECT/TASK No.
534-17-2-7131-029

1B. ESTIMATED AMOUNT:
[REDACTED]

2. BRIEF DESCRIPTION OF SUPPLIES OR SERVICES REQUIRED AND THE INTENDED USE:

Using qualitative polymerase chain reaction (PCR) techniques, the Bio-Rad CFX384 Touch Real-Time PCR Detection System allows for 384 samples to be run simultaneously, under precise temperature control, detecting several individual fluorophores at a time with the ability to detect fluorescent changes over large orders of magnitude and can accurately detect fluorescent changes in samples sizes ranging from 1µl-30µl.

3. UNIQUE CHARACTERISTICS THAT LIMIT AVAILABILITY TO ONLY ONE SOURCE, WITH THE REASON NO OTHER SUPPLIES OR SERVICES CAN BE USED:

Standardization and software compatibility. Currently a Bio-Rad CFX96 PCR Detection System and the CFX Manager Software by Bio-Rad is in use. By adding the CFX384 system to the already existing CFX96 would expand capabilities to assay five times as many samples at once by utilizing both machines simultaneously. Both existing CFX96 and CFX384 use the same software. The Bio-Rad CFX384 will allow the expansion of existing equipment, thus, allowing a greater number of samples to be analyzed rather than using just one machine.

4. DESCRIPTION OF MARKET RESEARCH CONDUCTED AND RESULTS OR STATEMENT WHY IT WAS NOT CONDUCTED:

For compatibility and standardization of equipment only the Bio-Rad CFX384 will allow the expansion of existing Bio-Rad CFX96 PCR Detection System due to software use and compatibility.

5. Contracting Officer's Certification: *Purchase is approved in accordance with FAR13.106-1(b). I certify that the foregoing justification is accurate and complete to the best of my knowledge and belief. Note: COs are required to make a determination of price reasonableness IAW FAR 13.106-3. See the [Commercial Supply and Service SOP](#) for Price Reasonableness templates.*

Digitally signed [REDACTED]
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DN: dc=gov, dc=va, o=internal,
ou=people,
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Date: 2017.04.25 16:04:37 -04'00'

Signature: [REDACTED]
Name: [REDACTED]
Title: Contracting Officer, NCO: 7

Date: 04/25/2017