

JUSTIFICATION FOR SOLE SOURCE (SAP <\$150k)

Ref: FAR 13.106 and NAVSUP 4200.85D Chapter 5 Para. 2.b.(5)

The service or material listed on (Document number) **62094700-62094711** is sole source and competition must be restricted to one source, or to only one brand name for reasons indicated below. There are no substitutes available for this material.

Restricted to the following source or brand name. Provide original manufacturer's name. (If a sole source manufacturer distributes via dealers, ALSO provide dealer information.)

Manufacturer: **Flow International Corporation**

Manufacturer: **Office 1-253-850-3500, Fax 1-253-813-3285**

Mfr. Address: **23500 64th Avenue South, Kent WA 98032**

Manufacturers Dealer/Rep **Flow International Corporation**

Dealer/Rep Address/Phone Number: **23500 64th Avenue South, Kent WA 98032**

Description of the item or service required, the estimated cost, and required delivery date.

Quote#**QU033099-2**

2ea: P/N. 019975-1, LOW PRESSURE CYLINDER 87 KSI INTN=[REDACTED]
2ea: P/N. 011304-1, BISCUIT INT 87 KSI=[REDACTED]
2ea: P/N. 013157-1, SEAL KIT LP SEAL INTN 87 KSI=[REDACTED]
3ea: P/N. 020592-1, CYLINDER HP CARTRIDGE 87K-2.0 INTN=[REDACTED]
4ea: P/N. 020595-1, FILTER TUBE INTN 87 KSI=[REDACTED]
4ea: P/N. 010253-1, PLUNGER ASSY UHP CERAMIC 60KSI INTN=[REDACTED]
4ea: P/N. A-11367, FILTER ELEMENT 6 MIC 13IN LG=[REDACTED]
1ea: P/N. 014817-1, END CAP ASSY 87 KSI PH2 INTN=[REDACTED]
4ea: P/N. 010559-3, VALVE ASSY CHECK VALV INTN 60KSI=[REDACTED]
4ea: P/N. 321276, END CAP INTN 60 KSI=[REDACTED]
6ea: P/N. 001198-1, SPRARES KIT HP SEAL INTN 60 [REDACTED]
4ea: P/N. 007038-3, CYLINDER UHP INTN 60 KSI=[REDACTED]

Total Cost=[REDACTED]

RDD Of all Material=10/3/16

Specific characteristics of the material or service that limit the availability to a sole source or particular brand name (unique features, function of the item, etc.). Describe in detail **why** only this suggested source can furnish the requirements to the exclusion of other sources.

Replacement parts must be manufactured to OEM specifications, within engineered tolerance, and manufactured out of OEM material selection to fit into existing machine pressure intensifier components, function with existing OEM parts, withstand machine operating pressures, and not degrade/corrode due to improper material selection. The majority of these components have an operating pressure rating of 87,000PSI or 60,000PSI (pressure ratings are on the OEM manufactures quote). Deviation from OEM specifications will detrimentally affect the functionality of this machine and compromise the engineered safety factors creating a tremendous safety hazard for the machines operator due to the extremely high pressure requirements for the machines cutting system and pressure intensifier.

The requested material or service represents the minimum requirements of the government

CHECK & FILL IN ALL APPLICABLE BLANKS BELOW

The material/service must be compatible in all aspects (form, fit and function) with existing systems presently installed. Justi Describe the equipment you have **now** and **how** the new item/service must coordinate, connect, or interface with the existing system.

Flow Water Jet Pressure Intensifier Parts for Model#013670-2, Serial#502-7025
Flow Water Jet Pressure Intensifier Parts for Model#100, WMC, Serial#512-13494

All parts must function with original machine components, connect to existing OEM parts, interface with internal components, maintain proper fluid flow rates at OEM specified velocity, operate up to the manufactured specified pressure rating, and not degrade/corrode due to improper material selection. The majority of these components have an operating pressure rating of 87,000PSI or 60,000PSI depending on the pressure intensifier design

(pressure ratings are on the OEM manufactures quote). These new parts must bring the machines pressure intensifiers back to OEM specifications or better in order to continue to use this machine as a valued piece of production machinery capable of consistent machining repeatability.

A patent, copyright, or proprietary data limits competition. The proprietary data is:

These are "direct replacements" parts/components for existing brand name equipment.
 Other information to support a sole-source buy:

I CERTIFY THAT STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE, ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND DO NOT CONTAIN CLASSIFIED INFORMATION. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE-SOURCE JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

Contracting Officer Signature _____ Date _____