

**All personnel responsible for developing, reviewing and approving a single source determination shall ensure that sound business judgment is applied in researching, documenting and approving such actions.**

The rationale for a single source determination is not constrained by this form. If filled out electronically, the form will expand to the written narrative. If not available electronically, the drafter shall attach continuation sheets to ensure rationale is fully supported.

**SIMPLIFIED ACQUISITION PROCEDURES (SAP)  
SINGLE SOURCE DETERMINATION FOR ACQUISITIONS NOT EXCEEDING THE SIMPLIFIED ACQUISITION THRESHOLD AS DEFINED IN FAR 2.101**

SOLICITATIONS MAY BE LIMITED TO ONE SOURCE ONLY IF THE CONTRACTING OFFICER (*within its warrant authority*) DETERMINES THAT ONLY ONE SOURCE IS AVAILABLE IAW FAR 13.106-1(b). THIS DETERMINATION SHALL BE SUPPORTED WITH FULL JUSTIFICATION FOR SINGLE SOURCE FROM THE CUSTOMER. THE CUSTOMER SHALL PROVIDE THE FOLLOWING INFORMATION:

QUOTE/SOLICITATION NUMBER:

ESTIMATED AMOUNT (Not exceeding \$150,000):

DESCRIPTION OF SUPPLIES OR SERVICES REQUIRED AND THE INTENDED USE:

Provide and install the Dynatest Road Surface Profiler (RSP) MK IV with Geocators onto government owned Dynatest HWD and tow vehicle. The RSP measures longitudinal profile (International Roughness Index (IRI) and Ride Number (RN)) and transverse, profile, rut depth, macrotecture, geometrics (crossfall, curvature, and gradient) of airfield pavement. This equipment shall be used simultaneously while collecting information using the Dynatest HWD equipment for airfield load evaluations. This purchase includes:

- Provide and install Road Surface Profiler MKIV with Gocators
- Provide Data Collector with MS/Office Pro. The new data collector shall have the latest HWD and RSP software and calibrations installed for use with HWD or RSP including the latest revision of the Dynatest CP15 firmware and the Dynatest control center software. The Data Collector for the RSP will serve as a data collector for the RSP and backup data collector for the existing HWD data collector. The existing HWD data collector shall be upgraded with the latest HWD and RSP software and calibrations and functionality. Provide 2 Days RSP Training onsite at NAVFAC Atlantic in Norfolk, VA
- Provide RSP Block Calibration Set
- Provide and install Trimble GPS System to the tow vehicle at the location of the RSP mount. This GPS system will be used to accurately map the RSP data. This system is separate from the HWD GPS system that is currently installed on the trailer system. The RSP GPS system must be a different GPS System than the HWD system so that the RSP can be mapped accurately and the HWD can be mapped accurately if operating at the same time. The GPS systems must also be separate so that the RSP can be operated without the trailer attached if necessary. The RSP and HWD GPS systems are mounted to the tow vehicle and trailer separately and are not easily removed and replaced. The government requires a Trimble GPS system to match existing HWD system Trimble GPS. The government requires the GPS systems to be from the same manufacturer so that the service and download of data will be processed in the same way.
- Provide SPARES Thermal Printer
- Provide Mark IV Customer Case 1
- Provide Portable RSP Spare Parts Kit
- Provide, install, and calibrate gyro system that collects bank, heading, and pavement geometrics. WATSON IMS (AHRS)
- Provide E350 RSP mounts on the front of the existing tow vehicle
- Provide all parts, labor, shipping, and handling, for installing and calibrating the RSP. Vehicle Setup Parts and Labor
- Provide and install parts associated with the RSP system. Provide calibration reference and user manual.
- Provide all software/firmware updates on backup removable media.
- Provide documentation on the hardware installations and SHRP reference calibrations.

The RSP system must be installed and calibrated so it works seamlessly with the existing Dynatest HWD system.

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

Dynatest is the manufacturer of RSP. Dynatest is the manufacturer of the Government owned HWD (trailer and tow vehicle). The RSP and HWD are manufactured by and proprietary to Dynatest. The RSP equipment shall be installed on the Dynatest HWD tow vehicle and must be integrated with the existing Dynatest equipment. No other vendor can install the equipment onto the Government's Dynatest HWD tow vehicle and trailer because no other vendor can integrate the systems to allow simultaneous data collection from the HWD and from the RSP.

REASON THAT SUGGESTED SOURCE IS THE ONLY SOURCE WHICH CAN PROVIDE THE SUPPLIES OR SERVICES:

[REDACTED]

No other manufacturer's equipment is compatible with the Government's existing Dynatest HWD equipment; and Dynatest is the only company that can integrate the RSP equipment into existing HWD tow vehicle and trailer allowing for the HWD system and RSP system to work together and minimizing downtime for service and calibration.

EXPLAIN WHY AN ADEQUATE PURCHASE DESCRIPTION OR OTHER INFORMATION SUITABLE TO SOLICIT BY FULL AND OPEN COMPETITION HAS NOT BEEN DEVELOPED OR IS NOT AVAILABLE:

Only Dynatest can provide the RSP system because it is the only company that can integrate and support a RSP system into the existing Dynatest HWD system. Dynatest is the only company that can provide worldwide service and support on the proprietary HWD system and the RSP system. Dynatest is the only company that can service and calibrate the existing proprietary system and calibrate and service the proprietary RSP system.

PROVIDE A STATEMENT OF ACTIONS, IF ANY, THE GOVERNMENT MAY TAKE TO REMOVE OR OVERCOME ANY BARRIERS TO COMPETITION BEFORE FUTURE ACQUISITIONS ARE REQUIRED:

The equipment is manufactured by Dynatest and therefore needs to go to Dynatest for service, maintenance, and calibration. The Government intends to evaluate new systems are developed we evaluate the new technology and other options to provide full and open competition.

I certify that the statements above are complete and correct to the best of my knowledge.

SIGNATURE, TITLE OF CUSTOMER and ACTIVITY

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]