STATEMENT OF WORK

1. Objective/Requirements

The information listed below is required to complete this purchase.

2. Characteristics, Scope, and Specs

LINE	MODEL NO./PART NO.	DESCRIPTION	QTY.
1		**FSVA3000 Signal and Spectrum Analyzer OR EQUIVALENT**	1
1.1	FSVA3013/1330.5000.14	Signal and Spectrum analyzer 10 Hz to 13.6 GHz **OR EQUIVALENT**	1
1.2	FSV3-B24/1330.4049.13	RF-Preamplifier, 30 dB, 10 MHz to 13.6 GHz **OR EQUIVALENT**	1
1.3	FSV3-B114/1330.4910.04	Enhanced Computing Power **OR EQUIVALENT**	1
1.4	R2FSVA3013/3599.6616S31	R2FSVA3013 w /o FSV3-K54C, R&S®Repair Coverage, 2 Years **OR EQUIVALENT**	1
1.5	C2FSVA3013/3599.6616S41	C2FSVA3013 w /o FSV3-K54C, R&S®Manufacturer Calibration Cover **OR EQUIVALENT**	1

Requirements:

- Spectrum analyzer capable of 10Hz to 13.6GHz bandwidth
- Analysis bandwidth up to 1 GHz
- RF-Preamplifier, 30 dB, 10 MHz to 13.6 GHz
- SSB phase noise at 10 kHz offset (1 GHz): –127 dBc/Hz
- GUI with multi-touch, SCPI recorder and event based actions
- Options for analog and digital signal analysis, including 5G NR
- Calibration certificate

3. Place of Performance NASA

Langley Research Center

Hampton, VA 23681

4. Period of Performance 30 days

ARO