# STATEMENT OF WORK

## 1. Objective/Requirements

The information listed below in the table is required to complete this purchase.

## 2. Characteristics, Scope and Specs

See the table below for all the part numbers. The spec sheets are attached for the large value items, but there are no spec sheets for the adapters, cable and power supply.

| *LINE* | *Part No.* | **Description** | *QTY* |
|---|---|---|---|
| 1 | 1-MX840-PAKEASY | 8-channel universal amplifier of the QuantumX (PAKEASY package) | 2 |
| 2 | SCM-SG350 | Signal conditioning of strain gage quarter bridge 350 Ohm | 2 |
| 3 | SCM-SG120 | Signal conditioning of strain gage quarter bridge 120 Ohm | 2 |
| 4 | SCM-TCJ | SubHD15-Thermo Mini Type J Adapter | 2 |
| 5 | SCM-TCK | SubHD15-Thermo Mini Type K Adapter | 2 |
| 6 | SUBHD15-BNC | DSubHD to BNC Adapter | 2 |
| | | | |
| 7 | 3050-A-060-R | 6-ch Input Module LAN-XI 51.2kHz (Mic, CCLD, V) with LAN-XI Open API license | 1 |
| 8 | 3160-A-042-R | 4 ch Input + 2 ch Output Module LAN-XI 51.2kHz (Mic, CCLD, V) with LAN-XI Open API license | 1 |
| 9 | UL-0295--- | PTPv2 Switch 8 x 1Gb PoE + 2 x 10Gb SFP+ | 2 |
| 10 | UA-2113--060- | Front Panel, LAN-XI, detachable, Monitor, 6 ch.input / 6 ch. monitor output, 12x SMB (M) | 5 |
| 11 | UA-2113--060- | Front Panel, LAN-XI, detachable, Monitor, 6 ch.input / 6 ch. monitor output, 12x SMB (M) | 1 |
| 12 | UA-2107--120- | Front Panel, LAN-XI, detachable, 12 channels, SMB (M) connectors | 2 |
| | | | |
| 13 | MX1609KB | 16-channel Thermocouple Amplifier of QuantumX for K Type Sensor | 1 |
| 14 | MX878B | 8-Channel Analog Output Module of QuantumX for K Type Sensor | 2 |
| 15 | KAB272-W-0.2 | FireWire connection cable between two modules | 2 |
| 16 | NTX001 | AC-DC power supply unit | 1 |

## 3. Place of Performance

NASA Armstrong Flight Research Center
Warehouse #6, Bldg 4876, Lilly Drive
Edwards, CA 93524
United States

## 4. Period of Performance

The period of performance for this is related to the estimated delivery lead-time of 1-4 months ARO.