STATEMENT OF WORK

1. Objective/Requirements

This requirement is for the acquisition of the Schneider Electric Programmable Logic Controller (PLC) Hardware for the NASA Glenn Research Center (GRC). The information listed below is required to complete this purchase

2. Characteristics, Scope, and Specs

Hardware purchased shall be identical to the make and model of equipment currently in use (listed below), is new (never used) in the original packaging and not refurbished. Schneider Electric only sells PLC automation hardware through authorized distributors who can guarantee the source, condition, safety, security and warranty of the PLC automation hardware.

The vendor shall be Authorized/Certified through the Schneider Electric Alliance Industrial Automation Distributor (IAD) program. Verification of vendor enrollment in Schneider Electric's IAD program can be confirmed at:

https://www.se.com/us/en/partners/distributors/industrial-automation/

QTY	PART #	DESCRIPTION
1	BMEXBP1002	SQD BMEXBP1002 RACK X80 - 10 SLOTS - REDUNDANT PS - ETHERNET BACKPLANE
2	BMXCPS4002	SQD BMXCPS4002 POWER SUPPLY MODULE X80 - 100..240 V AC
1	BMENUA0100	SQD BMENUA0100 X80 OPC UA MODULE M580
1	BMENOC0302	SQD BMENOC0302 M580 HIGH PERFORMANCE ETHERNET MODULE
2	BMXNOM0200	SQD BMXNOM0200 SERIAL LINK MODULE WITH 2 RS-485/232 PORTS IN MODBUS AND CHARACTER MODE
1	BMEXBP1002	SQD BMEXBP1002 RACK X80 - 10 SLOTS - REDUNDANT PS- ETHERNET BACKPLANE
2	BMXCPS4002	SQD BMXCPS4002 POWER SUPPLY MODULE X80 - 100..240V AC Label: Control Unit/Rack 2
1	BMECRA31210	SQD BMECRA31210 MODICON X80 EIO DROP ADAPTER WITH ETHERNET BACKPLANE
5	BMXDDI1602	SQD BMXDDI1602 DIG 16I 24 VDC SINK
6	BMXFTB2000	SQD BMXFTB2000 20-PIN REMOVABLE CAGED TERMINAL BLOCKS -1 X 0.34..1 MM2
1	BMXEHC0200	SQD BMXEHC0200 HIGH SPEED COUNTER 2 CH
1	BMXXTSHSC20	SQD BMXXTSHSC20 HSC CONNECTOR KIT
1	BMXDDO1602	SQD BMXDDO1602 DISCRETE OUTPUT MODULE X80 – 16 OUTPUTS - SOLID STATE - 24 V DC POSITIVE

1	BMEXBP1002	SQD BMEXBP1002 RACK X80 - 10 SLOTS - REDUNDANT PS- ETHERNET BACKPLANE
2	BMXCPS4002	SQD BMXCPS4002 POWER SUPPLY MODULE X80 - 100..240V AC
1	BMECRA31210	SQD BMECRA31210 MODICON X80 EIO DROP ADAPTER WITH ETHERNET BACKPLANE
9	BMXDDO1602	SQD BMXDDO1602 DISCRETE OUTPUT MODULE X80 – 16 OUTPUTS - SOLID STATE - 24 V DC POSITIVE
9	BMXFTB2000	SQD BMXFTB2000 20-PIN REMOVABLE CAGED TERMINAL BLOCKS -1 X 0.34..1 MM2
1	BMEXBP1002	SQD BMEXBP1002 RACK X80 - 10 SLOTS - REDUNDANT PS- ETHERNET BACKPLANE
2	BMXCPS4002	SQD BMXCPS4002 POWER SUPPLY MODULE X80 - 100..240V AC
1	BMECRA31210	SQD BMECRA31210 MODICON X80 EIO DROP ADAPTER WITH ETHERNET BACKPLANE
2	BMXAMO0802	SQD BMXAMO0802 ANALOG OUTPUT MODULE X80 – 8 OUTPUTS
6	BMXFTB2000	SQD BMXFTB2000 20-PIN REMOVABLE CAGED TERMINAL BLOCKS -1 X 0.34..1 MM2
4	BMXAMO0410	SQD BMXAMO0410 ISOLATED ANALOG OUTPUT MODULE X80 - 4 OUTPUTS
1	BMEXBP1002	SQD BMEXBP1002 RACK X80 - 10 SLOTS - REDUNDANT PS- ETHERNET BACKPLANE
2	BMXCPS4002	SQD BMXCPS4002 POWER SUPPLY MODULE X80 - 100..240V AC
1	BMECRA31210	SQD BMECRA31210 MODICON X80 EIO DROP ADAPTER WITH ETHERNET BACKPLANE
4	BMXAMI0810	SQD BMXAMI0810 ISOLATED ANALOG INPUT MODULE X80 - 8 INPUTS - HIGH SPEED
4	BMXFTB2800	SQD BMXFTB2800 28-PIN REMOVABLE CAGED TERMINAL BLOCKS - 1 X 0.34..1 MM2
5	BMXART0814	SQD BMXART0814 ANALOG INPUT MODULE X80 - 8 INPUTS - TEMPERATURE
10	BMXFCA152	SQD BMXFCA152 CORD SET - 40-WAY TERMINAL -SUB-D25 CONNECTOR - FOR X80 I/O - 1.5 M
10	ABE7CPA412	SQD ABE7CPA412 CONNECTION SUB-BASE ABE7 – FOR DISTRIBUTION OF 4 THERMOCOUPLES
1	BMEP584040	SQD BMEP584040 Processor Module M580 – Level 4 - Remote
2	BMXCPS4002	SQD BMXCPS4002 POWER SUPPLY MODULE X80 - 100..240V AC
1	BMEXBP1002	SQD BMEXBP1002 RACK X80 - 10 SLOTS - REDUNDANT PS- ETHERNET BACKPLANE

3. Place of Performance

Glenn Research Center (GRC)
21000 Brookpark Road
Building 334
Cleveland, OH 44135

4. Period of Performance

30 days ARO