

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF PURCHASING AND SUPPLY
SPECIFICATIONS FOR TEKTRONIX ELECTRONIC TEST EQUIPMENT**

PURPOSE:

The purpose of this specification is to establish a purchase requirement for electronic testing equipment for use by the Northern Virginia Community College (NVCC), the Virginia Community College System (VCCS), Agencies, and other Public Bodies of the Commonwealth of Virginia, for instructional use.

SCOPE:

This specification describes a variety of electronic testing equipment, capable of supporting the curriculum requirements of the VCCS Electronics Lab course of learning, and to provide the electronics lab equipment in the quantities indicated.

The following specifications are intended to define the specific proprietary items required. The use of the Tektronix brand name and part numbers in this specification is meant to be restrictive as to brand name, model, and manufacturer. It is intended to define the specific items of equipment required.

BIDDER REQUIREMENTS:

Bidders/Vendors shall submit complete technical data of the products being offered. Bidder commentary may be entered in the "ITEM INFORMATION" column of these specifications. Bidders/Vendors shall indicate any deviations with appropriate reasons and documentation. The Commonwealth reserves the right to obtain technical data and to request clarification when deemed necessary. **Failure on the part of the bidder/Vendor to provide all requested documentation may be cause to reject the bid/request as non-responsive.**

The equipment offered in answer to this request for bid must be new and unused current production models of the equipment required. No prototype, or demonstrator, beta test, or rebuilt products will be accepted, and offering of such a product will be cause for bid rejection.

A single vendor shall provide all items in the quantities indicated, as a complete package, for the comprehensive electronics lab equipment per these specifications, and shall also be responsible to provide inside delivery, setup, testing, and instructor orientation for all items supplied. Vendor shall supply all materials and incidentals necessary for equipment start-up. Bids containing only selected elements of the entire specification will not be accepted.

Bidders shall provide delivery for the products offered, FOB destination. Deliver to Northern Virginia Community College, Receiving Warehouse, 8333 Little River Turnpike, Annandale, VA 22003-3796, between 8:30 AM and 4:30 PM Monday thru Friday. Contact Mary Anstice at (703) 257-6604 not less than 24 hours prior to delivery. Provide delivery lead time after receipt of order (ARO), in the "DELIVERY TIME...." section provided at the end of the specifications.

Products provided must be warranted with the supplier's best warranty offered, to provide no-cost protection to the Commonwealth for correction or replacement as needed for defects in manufacturing, assembly, or parts. Provide documentation of warranty for the products offered in answer to this invitation for bid.

SPECIFICATIONS:

Provide the following Tektronix electronic test equipment and accessories.

TEKTRONIX PART NO.	QTY	DESCRIPTION	UNIT PRICE	ITEM INFORMATION
PWS4305	10	Power supply, 30 volts, 5 amperes DC, programmable:	\$ _____	_____
PWS4305LO	10	Manual, English language:	\$ _____	_____
PWS4305C3	10	Power supply calibration service for three (3) years:	\$ _____	_____
PWS4305A0	10	Power supply configuration for North America:	\$ _____	_____
DMM4020	10	Digital Multimeter, 5.5 digits, 0.015% accuracy, dual display:	\$ _____	_____
DMM4020C3	10	Digital Multimeter calibration service for three (3) years:	\$ _____	_____
MSO2024	10	Mixed Signal Oscilloscope, digital phosphor, color display 200 MHz, 1GS/s:	\$ _____	_____
MSO2024C3	10	Mixed Signal Oscilloscope calibration service for three (3) years:	\$ _____	_____
DPO2EMBD	10	Embedded serial triggering and analysis module for MSO2024 Oscilloscope:	\$ _____	_____
AFG3011	10	Arbitrary/Function Generator, 20Vpp output, 1 channel:	\$ _____	_____
AFG3011C3	10	Arbitrary/Function Generator calibration service for three (3) years:	\$ _____	_____
MDO4054-3	1	Mixed Domain Oscilloscope, (4) analog channels, (16) digital channels, (1) 3Ghz RF channel, with Certificate of Traceable Calibration:	\$ _____	_____
MDO454-3C3	1	Mixed Domain Oscilloscope calibration service for (3)		_____

years. Shall provide traceable
or functional verification of
events, whichever are
applicable to the product.

\$ _____

DESCRIPTION OF WARRRANTY:

DELIVERY TIME ARO FOR ALL EQUIPMENT PER SPECIFICATIONS: _____

<u>TOTAL PRICE SECTION</u>	
TOTAL PRICE FOR ALL TEKTRONIX ELECTRONIC TEST EQUIPMENT PER SPECIFICATIONS, INCLUDING DELIVERY AND START-UP.....	TOTAL PRICE: \$ _____