



**Kennebec Valley Community College
92 Western Avenue
Fairfield, ME 04937**

**Competitive Bid
Request for Proposal
This is Not an Order**

Plasma System & Table

Date:	November 9, 2017
Pre-Bid Meeting	N/A
Proposals Due On:	November 27, 2017 by 3:00 P.M. (EST)
Return Proposals to:	Kennebec Valley Community College Attn: Brian Jonah Welding Program 92 Western Avenue Fairfield, Maine 04937
Telephone:	(207) 453-5819
Email:	bjonah@kvcc.me.edu



**Competitive Bid Request for Proposal:
Plasma System & Table**

1.0 Overview

Kennebec Valley Community College (KVCC) is requesting proposals for the purchase of a new Plasma System and Plasma Table for the Welding program on the Fairfield Campus located at 92 Western Avenue in Fairfield, Maine. The Plasma System and Table will be used in the Welding program to provide students with more functional and industry specific equipment.

A detailed explanation of the scope and specifications is contained in **Section 3.0, Scope and Specifications**. Preference will be given to the proposals conforming to the specifications provided; however, alternate recommendations may be considered. If a vendor chooses to make inquiries on the specifications provided, the rules set forth in **Section 6.0, Interpretation of Contract Documents**, apply. KVCC reserves the right to accept or reject any or all of the proposals received, in part or in whole.

Please refer to Enclosure 1: **Standard Terms and Conditions Applicable to All MCCS Contracts**.

2.0 Schedule

Proposal Due On: November 27, 2017 by 3:00 P.M. (EST)
Review of Proposals: November 29, 2017
Notification of Award: December 4, 2017

Contacting references may require this period to be extended.

3.0 Scope & Specifications

3.1 Background

Kennebec Valley Community College (KVCC) is a comprehensive community college offering technical, career, and transfer education in addition to customized training for businesses and industries in Kennebec, Somerset, Waldo and Knox Counties. The College is located on two campuses in mid-Maine. Its 70-acre main campus in Fairfield, Maine, is reached by taking Exit 132 off Interstate 95. The new 600-acre Harold Alfond Campus is located seven miles north of the Fairfield campus on U.S. Route 201 in Hinckley, Maine.

3.2 Scope

Supply, deliver, install, and provide initial training of a Plasma System and Plasma Table for the Welding program.

3.3 Specifications for Plasma System

The following specifications are minimum acceptable requirements. Any specific reference to manufacturer(s) and/or catalog/model/stock numbers provided is to establish the design, type of construction, quality, functional capability and performance level desired. The bidder may offer an alternate product believed to be an equal. Any alternate product(s) bid must be clearly identified by manufacturer and catalog, model or stock number. Adequate detailed specifications of the product offered must be included with your bid to establish equivalency and to ensure that the product being bid meets all specifications.

- a. **Input Voltages:** 200-480 V, 1-PH, 50/60 Hz, 200-600 V, 3-PH, 50/60 Hz
- b. **Input Current @ 12.2 kW:** 200/208/240/480 V, 1-PH, 70/68/58/29 A, 200/208/240/480/600 V, 3-PH, 42/40/35/18/17 A
- c. **Output Current:** 25- 85A
- d. **Rated Output Voltage:** 143 VDC
- e. **Duty Cycle @ 40°C (104°F):** 60% @ 85 A, 230-600 V, 3-PH, 60% @ 85 A, 480 V, 1-PH, 50% @ 85 A, 240 V, 1-PH, 50% @ 85 A, 200-208 V, 3-PH, 40% @ 85 A, 200-208 V, 1-PH, 100% @ 66 A, 230-600 V, 1/3-PH
- f. **Open Circuit Voltage (OCV):** 305 VDC
- g. **Dimensions with Handles:** 500mm (19.7") D; 234 mm (9.2") W; 455 mm (17.9") H
- h. **Weight with 7.6m (25') Torch:** 32 kg (71 lbs.)
- i. **Recommended Gas Inlet Flow Rate/ Pressure:** Clean, dry, oil-free air or nitrogen
Cutting: 189 l/min (400 scfh, 6.7 scfm) @ 5.9 bar (85 psi)
Gouging: 212 l/min (450 scfh, 7.5 scfm) @ 4.8 bar (70 psi)
- j. **Input Power Cable Length:** 3m (10')
- k. **Power Supply Type:** Inverter- IGBT
- l. **Installation & Training:** All installation / setup / and training is provided by the vendor upon delivery
- m. **Shipping:** All shipping charges must be included in pricing

3.4 Specifications for Plasma Table

The following specifications are minimum acceptable requirements. Any specific reference to manufacturer(s) and/or catalog/model/stock numbers provided is to establish the design, type of construction, quality, functional capability and performance level desired. The bidder may offer an alternate product believed to be an equal. Any alternate product(s) bid must be clearly identified by manufacturer and catalog, model or stock number. Adequate detailed specifications of the product offered must be included with your bid to establish equivalency and to ensure that the product being bid meets all specifications.

- a. **Must Be a JD² Plasma Table**
- b. **Available Table Sizes: 5' x 10'**
- c. **Maximum plate thickness: 2"**
- d. **X Axis Travel: 49.5"**
- e. **Y Axis Travel: 5' x 10' - 124"**
- f. **Z Axis Travel: 3.875"**
- g. **Approximate Weight: 5' x 10' - 2900lbs**
- h. **Rapid Speeds: 1000+ IPM**
- i. **Motors: Brushless servo on all axes**
- j. **Machine Power Requirements: 190-250 VAC, 1PH, 50/60Hz, 11A**
- k. **User PC Power Requirements: 100-240VAC, 1PH, 50/60Hz, 3A. Supplied with 115VAC U.S. plugs**
- l. **Plasma compatibility:** The MAD Series requires a machine controllable plasma power unit, which is basically a way to turn the torch on and off automatically. A Begin Traverse, also known as Arc Okay, signal is accepted but not required for operation
- m. **Table Options:** The MAD Series can be supplied with a standard table, or a dedicated water table constructed from 12Ga (0.1") stainless steel at no additional cost
- n. **Installation & Training:** All installation / setup / and training is provided by the vendor upon delivery
- o. **Shipping:** All shipping charges must be included in pricing

4.0 Bid Review and Evaluation

The College reserves the right to reject all proposals, to waive any informalities and technicalities, and to solicit and re-advertise for new proposals, or to abandon the project in its entirety. The College reserves the right to make the award to that proposer who, in the opinion of the College, will be in the best interest of and/or the most advantageous to the College.

Proposals will be evaluated by the following criteria:

- a. Cost (including any and all discounts)
- b. Specification match
- c. Comparative analysis of proposals
- d. References

5.0 Examination of Specifications

Each bidder or his authorized agent is expected to examine the bid specifications, contract documents and all other instructions pertaining to the proposal being requested. Failure to do so will be at the bidder's own risk, and the bidder cannot secure relief on the plea of error in the bid. KVCC reserves the right to accept or reject any and all bids in part or in whole.

6.0 Interpretation of Contract Documents

No oral interpretation will be provided to any bidder as to the meaning of the specifications or other contract documents. Every request for such interpretation shall be made in writing at least three (3) or more days before the proposal due date and submitted to:

Brian Jonah
Welding Program
Kennebec Valley Community College
92 Western Avenue
Fairfield, Maine 04937

or via email bjonah@kvcc.me.edu

Any interpretation made to a bidder will be issued in the form of an addendum to the contract/bid documents which, if issued, shall be sent as promptly as practicable to all persons to whom the specifications have been issued. All such addenda shall become part of the contract/bid documents.

7.0 Preparation of Bids

KVCC seeks a Proposal that meets the specifications noted in this RFP. KVCC will review all proposals. The bidder shall include with the proposal any terms and conditions specific to their proposal.

Each valid proposal should include:

- The contractor's name(s)
- Contact information (address, phone, fax and email)
- Company quote with detailed specifications and pricing listed
- Company specific terms and conditions

The proposal(s) should include a stated price or prices for (inclusive of all known or unknown costs associated with existing laws or government impositions) the relevant term of the proposal(s).

8.0 Submission of Bid

The Proposal, which must be signed by a person having proper authority to legally obligate the offering company, along with any additional supporting material, **must be received no later than November 27, 2017 by 3:00 P.M. (EST).**

All proposals are to be clearly marked “PLASMA SYSTEM & TABLE” and submitted to:

Mail proposals to:

Kennebec Valley Community College
Attn: Brian Jonah, Welding Program
92 Western Avenue
Fairfield, Maine 04937

Proposals may also be e-mailed to: bjonah@kvcc.me.edu.

9.0 Withdrawal of Bids

All proposals must be valid for at least ten (10) days after the proposal due date, after which time proposals shall expire unless the proposer had been notified and agrees to an extension.

KVCC reserves the right to modify or withdraw this invitation, to reject any or all proposals, and to terminate any subsequent negotiations at any time. KVCC also reserves the right to choose the proposal that best meets the needs of its facility and training programs.

10.0 Taxation and Compliance

MCCS d/b/a KVCC is an educational institution organized under the laws of the State of Maine and so its purchase of goods is exempt from state, federal, and local sales and use taxes. The successful bidder agrees to comply with all applicable federal, state and local statutes, laws, codes, rules, regulations, ordinances and orders in the performance of the Contract.

Dated:

November 9, 2017

By:

Brian Jonah, Welding Program
Kennebec Valley Community College
92 Western Avenue
Fairfield, Maine 04937
(207) 453-5819
Email: bjonah@kvcc.me.edu

Enclosure: 1. Standard Terms and Conditions Applicable to All MCCS Contracts

November 9, 2017

Kennebec Valley Community College
Competitive Bid Request for Proposal
Plasma System & Table
Enclosure 1

**NOTICE TO ALL BIDDERS REGARDING CONDITIONS ON BIDS
STANDARD TERMS AND CONDITIONS APPLICABLE TO ALL KVCC CONTRACTS**

The following Kennebec Valley Community College (KVCC) standard contracting terms and conditions are incorporated and shall become a part of any final contract that will be awarded by any college or other operating unit of KVCC. These terms and conditions derive from the public nature and limited resources of KVCC.

KVCC DOES NOT AGREE TO:

1. provide any defense, hold harmless or indemnity;
2. waive any statutory or constitutional immunity;
3. apply the law of a state other than Maine;
4. procure types or amounts of insurance beyond those KVCC already maintains or waive any rights of subrogation;
5. add any entity as an additional insured to KVCC policies of insurance;
6. pay attorneys' fees or costs for any other entity;
7. promise confidentiality in a manner contrary to Maine's Freedom of Access Act;
8. permit an entity to change unilaterally any term or condition once the contract is signed; and
9. automatic renewals for term(s) greater than month-to-month.

By submitting a response to a Request for Proposal, bid or other like offer to do business with KVCC, YOUR ENTITY UNDERSTANDS AND AGREES THAT:

1. The above standard terms and conditions are thereby incorporated either expressly or by reference to this notice into any agreement entered into between KVCC and your entity, and that your entity will not propose or demand any contrary terms;
2. The above standard terms and conditions will govern the interpretation of such agreement notwithstanding the expression of any other term and/or condition to the contrary;
3. Your entity will not propose to any college or other operating unit of KVCC any contractual documents of any kind that are not in at least 11-point font and completely contained in one Word or PDF document, and that any references to terms and conditions, privacy policies or any other conditions referenced outside of the contract will not apply; and
4. Your entity will identify at the time of submission which, if any, portion or your submitted materials are entitled to "trade secret" exemption from disclosure under Maine's Freedom of Access Act; that failure to so identify will authorize KVCC to conclude that no portions are so exempt; and that your entity will defend, indemnify and hold harmless KVCC in any and all legal actions that seek to compel KVCC to disclose under Maine's Freedom of Access Act some or all of your submitted materials and/or contract, if any, executed between KVCC and your entity.