INVITATION FOR BID NUMBER B0003297

Department of Purchasing
300 South Broadway
St. Louis, MO 63102

SPECIFICATIONS

Purchase of Fiber Optic Equipment/Tools

FOR ADDITIONAL INFORMATION, CONTACT:
Irma Wittendorfer, Buyer
Phone: 314 539-5226 or email: iwittendorfer@stlcc.edu

IFB OPENING: Tuesday, July 15, 2014
IFB OPENING TIME: 3:00 p.m., local time

Date Issued: June 24, 2014
ST. LOUIS COMMUNITY COLLEGE FAX BID FORM
FAX NO. (314) 539-5409

General Requirements

St. Louis Community College (the “College”) requires that all bids be signed by a duly authorized representative of the bidder and received in the College’s Purchasing Department by fax (FAX 314/539-5409) on or before the time and date of the bid opening specified below or their BID MAY BE REJECTED.

The College retains the right to reject any and all bids, to award a bid on an item-by-item or all-or-nothing basis, and to make the sole determination of what constitutes an acceptable equal product. If bidders offer alternate products in their bid, they must include complete written specifications or their bid may be rejected. Bidders must also include copies of all applicable documents such as, but not limited to, contracts, sales agreements and licenses. The College retains the right to include these documents in the evaluation of the bid and to reject any bid where they are in conflict with the College’s specifications, terms or conditions of purchase. Bidders may submit more than one response to this bid request.

The College will accept no changes, additions or deletions to a bid after the time and date of the bid opening stated below. By signing and submitting this bid, the bidder is offering to provide the specified items and services at the price quoted, under the terms and conditions set forth in their bid response. If this bid is accepted by the College, it becomes a binding contract and the successful bidder will be required to honor all prices, terms and conditions specified therein. Failure to comply with this requirement will result in forfeiture of the bid award and may also result in suspension from the College’s list of bidders in good standing.

INVITATION FOR BID #: _B0003297_ Date Issued: 6/24/2014_

DATE & TIME OF BID OPENING: Tuesday, July 15, 2014 @ 3:00 PM LOCAL TIME

Item/Service Requested: Purchase of Fiber Optic Equipment/Tools for Avionics Program

Purchased For: Center for Workforce Innovation, 3344 Pershall Road, St. Louis, MO 63135

Coordinator/Buyer: ___Irma Wittendorfer________________________________  Telephone: 314-539-5226___________

College request ship date of: _Approx. 2 Weeks ARO_ College requests Net 30 terms & FOB destination.

Bidder quotes ship date of: _____/ ______/ _______, Bidder quotes:

Freight: $ ________________ Payment Terms: __________________

Bidder guarantees quotation for ________ calendar days from bid closing date. FOB Point: ________________

________________________________________________
(Authorized Signature) (SELLER - Company Name)
________________________________________________
(Printed Name and Title) FEDERAL TAX ID#: ______________________________

EMAIL: __________________________________________

________________________________________________
(Area Code/Telephone #: / FAX #) (Company Address)

________________________________________________
(City/State/Zip Code)

Union ____ Non Union ______.

Minority ____ or _____ Woman Owned: Yes ____ No____
St. Louis Community College is soliciting bids for the following Fiber Optic Equipment/Tools for our Avionics Program to be used by students at the College’s Center for Workforce Innovation located at 3344 Pershall Road, St. Louis, MO 63135.

Should an alternate brand/model be offered in bid, complete written specification must accompany this bid, or bid will be disqualified. The College reserves the sole right to make the determination if an alternate product offered meets specifications.

<table>
<thead>
<tr>
<th>ITEM DESCRIPTION</th>
<th>QTY</th>
<th>TOTAL PRICE</th>
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</thead>
<tbody>
<tr>
<td>1. 4-FIBER, RIBBON FUSION SPLICER KIT</td>
<td>1 KIT</td>
<td>$_________</td>
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**KIT TO INCLUDE THE FOLLOWING:**
- S123M4-V2-SPLICER MAIN BODY W/HEADER
  MADE BY “FITEL”
- HCC-02 Hard Carrying Case
- S218R Thermal Stripper
- S326A Hand-Held Precision Cleaver
- S712A-004 4-RibbonFiber Holders (pair)
- S943B Battery
- S976A AC Adapter
- S969 Spare Electrodes (1 pair)
- D5111 Electrode Cleaning Disk
- FPF-01 Fiber Prep Fluid
- FW-01 Fiber Wipes
- V-Groove Cleaning Brush
- Manual

**MEETING THE FOLLOWING SPECIFICATIONS:**
- Applicable Fibers: SMF (ITU-T G 652) MMF (TU-T G 651) NZDSF (ITU-T G.655) BIF/UBIF
- Cladding Diameter: 125 um
- Coating Diameter: 280 to 400 um for ribbon
- Fibers Cleave Length: 10 mm (S123M4)
- Average Splice Loss: SM: 0.05dB; MM: 0.03 dB,
  DSF 0.08 dB; NZDSF 0.08 dB
- Splice Time: Ribbon Fiber: 15 seconds
- Heat time: Ribbon Fiber: 35 sec (S924:40 mm Sleeve)
1. 4-FIBER, RIBBON FUSION SPLICER KIT (cont.)
   - Splice Program: Max. 150/Heat Programs: Max 18
   - Applicable Sleeve: 20/40/60 mm
   - Fiber Holding System:
   - Tension Test: 1.96N
   - Return Loss of Splice: 60 dB or more
   - Fiber Image Magnification: 48X
   - Splice Memory: Max 1500 splices
   - Image Capture Capacity: Last 100 images to be
     Automatically captured + Up to 24 Images Stored permanently.
   - Dimensions: approx.127W x 199D x 81H without shock absorber
     159W x 231D x 104H with shock absorber
   - Weight: 1.4kg (without battery) 1.6 kg w/battery
   - Monitor: 3.5” color LCD monitor
   - Data Output: USB ver. 2.0 mini
   - Displaying Language: 20 language e.g. (English, etc.)
   - Battery Capacity: Typical 70 splice/heat cycles with S943B battery
   - Wind Protection: Max wind velocity of 15 m/s
   - Operating Temperature: -10 to +50 C (w/o excessive humidity)
   - Storage Temperature: -40 to +60C (w/o excessive humidity)
   - Power Source: AC Input 100 to 240 V

**FEATURES:**
- Illumination Lamp lights up a wide area around V-Grooves
- Rugged and Compact hand held design
- Fast Splice: (13 sec) at low loss & fast heating (25) sec
- Simple Operation with Fixed V-groove
- Internal battery charging
- 70 cycles with single battery
- Available for all Metro/Lan/FTTX Fibers
- Easy maintenance – Tool less electrode replacement/
  Mirror free alignment system
- Easy software upgrade via Internet
- Easily exchanged fiber holder system (tight holder/fiber
  Holder/SOC holder)
- PC interface software
- Auto-Start shrink sleeve oven feature
- Improved GUI for ease of use
- Large memory for storing data (2,000 splice data) &
  Image (100 images)
- RoHS compliant
## 2. TERMINATION KIT/ PRODUCT

**#TM-001MMSMO-2V “TESTER MAN” Multimode/Single Mode Tool Kit (MFG: Optical Wavelength Lab)**

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<td>1 KIT</td>
<td></td>
<td>$___________</td>
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Brand/Model Offered_____________________________________

Warranty Offered________________________________________

MEETING THE FOLLOWING SPECIFICATIONS OFFERED IN BID

**KIT TO INCLUDE THE FOLLOWING:**

- Micro OWL 2 power meter and built in visual fault locator,
- TM001-MMSMOMO-2V Made by “Optical Wavelength Lab”
- 400x inspection scope (SC, ST, FC & LC)
- LC Inspection scope adapter
- Bi-directional jacket slitter
- Precision Visual Fault Locator Kit-M2-WSMDSMsc
- MicroOwl 2 MMSM OLTS
- Buffer Tube Splitter
- Medium Density Polishing Pad Durable Tool Kit
- Universal Jacket Slitter Combo Buffer/Jacket stripper
- ST-ST adapter, 2 ea
- SC-SC adapter, 2 ea
- SC-ST adapter, 2 ea
- SC-LC adapter, 2 ea
- LC-LC adapter, 2 ea
- SC-FC adapter, 2 ea
- SC-SC single mode, 1 mtr, test lead, 2 ea
- SC-ST single mode, 1 mtr, test lead, 2 ea
- SC-LC single mode 1 mtr, test lead, 2 ea
- SC-SC 62.5 5/125 1 mtr, test lead, 2 ea
- SC-ST 62.5 5/125 1 mtr, test lead, 2 ea
- SC-LC 62.5 5/125 1 mtr, test lead, 2 ea
- SC-SC 50/125 1 mtr, test lead, 2 ea
- SC-ST 50/125 1 mtr, test lead, 2 ea
- SC-LC OM3 1 mtr, test lead, 2 ea
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<tr>
<td>MULTIMODE OPTICAL TIME DOMAIN REFLECTOMETER (OTDR),</td>
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<td></td>
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<tr>
<td>P/N: WTO-M85, MFG: OPTICAL WAVELENGTH LAB, 1 EACH</td>
<td>1</td>
<td>$___________</td>
</tr>
<tr>
<td>Brand/Model Offered</td>
<td></td>
<td></td>
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<tr>
<td>Warranty Offered</td>
<td></td>
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| LAUNCH CABLE: P/N: PS1-2-100-0-0-P-YU/YU                          | 1   | $___________|
| Brand/Model Offered                                                 |     |             |
| Warranty Offered                                                    |     |             |

MEETING THE FOLLOWING SPECIFICATIONS OFFERED IN BID

- Pulse Suppressor/Launch cable for above OTDR
  - Style #1, 100 meters, 62.5/125, pigtails at each end with SC/UPC-SCUPC connectors at both ends.

| OWL 400x VIDEO SCOPE,                                               |     | $___________|
| P/N: VS400-H                                                        | 1   |             |
| Brand/Model Offered                                                 |     |             |
| Warranty Offered                                                    |     |             |

| Shipping/Delivery Charge, if any                                    |     | $___________|
| TOTAL BID                                                           |     | $____________|

1. CONTRACT TERMS

The performance of this Contract shall be governed solely by the terms and conditions set forth in this Contract not withstanding any language contained in any invoice, shipping order, bill of lading or other document furnished by the Supplier at any time. The acceptance by the College of any goods furnished hereunder accompanied by any such document shall not be construed as an acceptance by the College of any terms or conditions contained in such document which are inconsistent with the terms and conditions set forth in this Contract. Any different or additional terms, other than those contained in this Contract, which are contained in any acceptance, acknowledgement, invoice or other document transmitted by Supplier to the College are hereby objected to.

2. TRANSPORTATION CHARGES

The College will not accept "Collect" shipments. Unless agreed to otherwise all delivery terms shall be F.O.B. Destination with Supplier bearing all freight charges and risk of rejection. When terms agreed to by the College are F.O.B. Origin, Supplier shall prepay and fully insure all items for replacement cost and include changes on invoice with bill of lading attached.

3. TIME OF DELIVERY

Time is of the essence of this Contract. If deliveries are not made at the time agreed upon in this Contract, the College reserves the right to cancel and to purchase elsewhere and hold Supplier accountable for any additional cost or expense incurred by the College.

4. INSPECTION AND ACCEPTANCE

No material or service received by the College pursuant to this Contract shall be deemed accepted until the College has had reasonable opportunity to inspect same. Material or service which is defective or does not conform to any Warranty of the Supplier herein upon initial inspection, or at any later time if the defects contained in the material were not reasonably ascertainable upon the initial inspection, may be returned at the Supplier's expense, for full credit or replacement. No goods returned as defective shall be replaced without Buyer's written authorization. Such return shall be in no way affect College's discount privileges. Such right to return offered to the College arising from the College's receipt of defective goods shall not exclude any other legal, equitable or contractual remedies the College may have therefore.

5. COMPLIANCE WITH SPECIFICATIONS

No payment will be rendered for materials or services delivered that fail to meet specifications as offered in bid.

6. PACKAGING

The College will not be liable for any charges for drayage, packing, boxing, crating, or storage in excess of the purchase price of this order unless stated otherwise herein.

7. SUPPLIERS WARRANTIES

Supplier expressly warrants that all articles, material, and work, covered by this Contract will conform to each and every specification, drawing, sample or other description which is furnished to or is adopted by the College and that they will be fit and sufficient for the purpose intended, merchantable, of good material and workmanship, and free from defect. Seller warrants that College shall have good and marketable title to all articles, materials and work supplied, and free and clear of all liens and encumbrances. Such warranty shall survive delivery and shall not be deemed waived either by reason of the College's acceptance of said materials or goods, or by payment for them.

8. QUANTITIES

The College reserves the right to purchase for materials or services delivered in excess of the quantities ordered hereunder.

9. INVOICES

Delivery of all materials and services must be completed by the date specified. Unless otherwise stated, partial deliveries will be accepted, provided the College is invoiced only for the portion shipped. Failure to comply will delay payment as the College pays all invoices only in full. Delay in receiving invoices, also errors and omissions on statements or invoices will be considered just cause for withholding settlement without losing discount privileges.

10. INTELLECTUAL PROPERTY

Supplier guarantees that the articles described herein and the sale or use will not infringe upon a U.S. or foreign patent, trademark other form of intellectual property and covenants that he will, at his own expense, defend every claim or suit which may be brought against the College, or those using the College's product (provided Supplier is promptly notified of claim or suit and papers therein are delivered to Supplier) for any alleged infringement of any patent, copyright, trademark or other form of intellectual property by reason of sale or use of such articles and that he covenants and agrees that all costs, damages, and profits recoverable in such claim or suit.

11. FORCE MAJEURE

Neither party shall be liable for delays, or defaults in the performance of this Contract due to Acts of God or the public enemy, riots, strikes, fires, explosions, accidents, Governmental action, or any other causes of a similar character beyond its control and without its fault or negligence.

12. BANKRUPTCY OR INSOLVENCY

In the event of proceedings by or against party, voluntary or involuntary, in bankruptcy or insolvency, or for the appointment of a receiver or trustee or an assignee for the benefit of creditors, of the property of Supplier, the College may cancel this Contract or affirm the Contract and hold Supplier responsible in damages.

13. ASSIGNMENT OR SUBCONTRACT

This Contract, or any rights, obligations, or duties may not be assigned by Supplier without College's written consent and any attempted assignment without such consent shall be void. No person, firm, or party may be awarded a subcontract under this Contract without the express written approval of the College.

14. TERMINATION OF CONTRACT

The College reserves the right to terminate the Contract at any time if any of the provisions of this Contract, including Supplier's Warranties, are violated by the Supplier or by any of his sub-suppliers, in the sole judgment and discretion of the College. In the event of such termination the Supplier shall be liable for any excess costs incurred by the College.

15. LAW GOVERNING THIS CONTRACT

The Supplier warrants it has complied with all applicable laws, rules and ordinances of the United States, or any state, municipal governmental authority or agency in the manufacture or sale of the items or services covered by this Contract, including, but not limited to, Fair Labor Standards Act of 1938 as amended.

16. NON-DISCRIMINATION IN EMPLOYMENT

In connection with the furnishing of supplies or performance of work under this Contract, the Supplier agrees to comply with the Fair Labor Standard Act, Fair Employment Practices Act, Equal Opportunity Employment Act, Americans With Disabilities Act, and all other applicable Federal and State laws and further agrees to insert the foregoing provisions in all subcontracts awarded hereunder.

17. NOTICE AND SERVICE THEREOF

Any notice to Supplier from the College relative to any part of this Contract will be in writing and considered delivered and the service thereof completed when said notice is posted, by certified, or regular mail, to the Supplier at his last given address, or delivered in person to Supplier or his authorized representative.

18. INSURANCE

(a) Insurance Requirements The Supplier shall secure at his/her own expense, with insurance carriers acceptable to the College, before commencement of work, a certificate evidencing comprehensive general liability insurance from a company having a policyholder rating of "A" or better and a financial rating of "AA" or better in the latest edition of Best's Insurance Reports. Said insurance shall provide maximum limit of liability for injuries and death existing under applicable Workmen's Compensation statutes, ordinances or regulations. Furthermore, said insurance shall provide comprehensive general liability insurance with minimum bodily injury limits of $2,000,000.00 aggregate and property damage limit of $300,000.00 each occurrence. In addition, said insurance shall provide comprehensive automobile liability policies with property damage limits of $2,000,000.00 and minimum bodily injury limits of $2,000,000.00 each person and $2,000,000.00 each occurrence. (b) Rental/Lease Agreements The Supplier will maintain comprehensive general liability and property damage insurance with respect to its use, operation, possession, and maintenance of equipment. Loss or damage from any cause, whatsoever, to the equipment or devices supplied by the Supplier shall be the responsibility of the Supplier. This is construed to mean loss or damage while enroute as well as while equipment is located on the College premises.

19. INDEMNIFICATION

The Supplier shall indemnify, protect, defend and hold harmless the College and its directors, officers, employees and agents from and against any and all claims, liabilities, losses, damages, injuries, demands, actions, causes of action, suits, proceedings, judgments and expenses, including, without limitation, attorneys' fees and court costs, arising from or connected with any damages for personal injury or to property damage to the extent that the damages are caused by any act or omission of the Supplier or its agents, subsuppliers or employees.

20. Changes

The Manager of Purchasing may at any time, by written order, make changes or additions, within general scope of the Contract or to drawings, designs, specifications, instructions for work, method of shipment or packing or place of delivery. If any such change causes an increase or decrease in the cost of or in the time required for performance of this Contract, the Supplier shall notify the Manager of Purchasing in writing immediately and an appropriate equitable adjustment will be made in the price or time of performance, or both, by written modification of this Contract. Any claim by the Supplier for adjustment must be asserted within 30 days of receipt of written order. Nothing herein contained shall excuse the Supplier from proceeding with the contract as changed.

21. COMPLETE AGREEMENT

The Contract expresses the complete agreement of the parties. Any changes, additions or modifications hereto including changes under paragraph 20 above, must be in writing and signed by the Manager of Purchasing. No other individual is authorized to modify the Contract in any manner.

20. YEAR 2000 COMPLIANCE

The Supplier warrants that each hardware, software and firmware product delivered under this Contract, without limitation, shall be able to accurately process data, including, but not limited to, calculating, recording, reporting and sequencing, from, into and between the twentieth and twenty-first centuries, including leap year calculations, when used in accordance with product documentation provided by the manufacturer, provided that all listed or unlisted product (e.g., hardware, software, firmware) used in combination with such listed and unlisted products performed as system in accordance with the foregoing warranty. It is the responsibility of the College to test the Vendor's guaranteed product. The Supplier shall demonstrate to the satisfaction of the College the product to perform the aforementioned date functions. The College may, prior to acceptance, require the Supplier to demonstrate to the satisfaction of the College the capability of a product to perform the aforementioned date functions. Failure to meet this requirement is a default and the College may decline to accept the product or service. In that event, the Contract shall be terminated automatically and the vendor shall return all sums the College may have paid to the seller. This Year 2000 warranty and remedy shall be in addition to any other which may be provided with respects to defects other than Year 2000 performance. It shall not be limited by any disclaimers or limitations elsewhere contained in the Contract.