



# Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
 ONE CAPITOL HILL  
 PROVIDENCE RI 02908

BUYER: Walsh, Gail M  
 PHONE #: 401-574-8122

CREATION DATE : 28-OCT-15  
 BID NUMBER: 7550005  
 TITLE: FANUC ROBODRILL CNC VERTICAL MILLING MACHINE CENTER  
 BLANKET START : 16-NOV-15  
 BLANKET END : 30-JUN-16  
 BID CLOSING DATE AND TIME:06-NOV-2015 02:15:00

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 DOA CONTROLLER  
 ONE CAPITOL HILL, 4TH FLOOR  
 SMITH ST  
 PROVIDENCE, RI 02908  
 US

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 RIDE WILLIAM M DAVIES CAREER & TECH HS  
 50 JENCKES HILL RD  
 LINCOLN, RI 02865  
 US

Requisition Number: 1435148

Line	Description	Quantity	Unit	Unit Price	Total
1	THE WM. M. DAVIES, JR. CAREER & TECHNICAL HIGH SCHOOL IS HEREBY SEEKING BIDS FOR ONE FANUC ROBODRILL CNC VERTICAL MILLING MACHINE CENTER PER THE ATTACHED SPECIFICATIONS.  NO SUBSTITUTION TO MODEL SPECIFIED.  ONE FANUC ROBODRILL CNC VERTICAL MILLING MACHINE CENTER	1.00	Each		

Delivery: \_\_\_\_\_

Terms of Payment: \_\_\_\_\_

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

# William M. Davies, Jr. Career & Technical High School

## Bid Solicitation

The William M. Davies, Jr. Career & Technical High School, located at 50 Jenkes Hill Road in Lincoln, RI is hereby seeking bids for one (1) Fanuc Robodrill aD14MiA5 "ECO" 10,000 RPM CNC Vertical Milling Machine Center with Fanuc 31i-B5 CNC Control for instructional use in its Machine Technology Technical Program in accordance with the following specifications:

### ***Fanuc RoboDrill aD14MiA5 "ECO", 10,000 RPM, CNC Vertical Machining Center with Fanuc 31i-B5 CNC Control***

#### **Standard Specifications:**

Axis Travel of 19.68" (X Axis), 15.74" (Y Axis), and 12.9" (Z Axis)

- 25.6" X 15.74" Table Area With A 660 Lbs Load Capacity
- 100-10,000 RPM Direct Drive
- 200L Coolant Tank
- Optional Fully Integrated 4th Axis and 5th Axis
- 14 Position, Bi-Directional Tool Changer (New Design)
- "Quick" ATC Recovery System
- 1.6 Second Tool Change Time (Chip to Chip)
- 0.9 Second Tool Change Time (Tool to Tool)
- 5,000,000 Duty Cycle Time
- Rigid Tapping up to 5,000 RPM
- "Quick" Tap Recovery System
- High Speed Reverse Tapping
- Thread Milling
- Helical and Linear Interpolation
- 1 Millisecond Servo Response Time
- Three Axis Simultaneous expandable to Five Axis Simultaneous
- Custom PMC
- HRV Positioning
- Simultaneous ATC / Table Positioning
- 2125 IPM Rapid Rate – X, Y, Z Axis
- Feed Rates to 1181 IPM X, Y, Z
- Multi Step Skip
- AI Contour Control I
- Nano CNC System

- Ultra Precise 16,000,000 Pulses/Rev encoders
- 1.5 G Acceleration
- Thermal Growth Compensation

**1,280 Meter Memory (512 Kbyte)**

- 1,000 Registerable Programs

**Standard Features (continued)**

- Tool Compensation Memory C
- Tool Offset Pairs 200 Pairs
- Part Program Storage 504,000 Character 1280 Meters
- 6 + 48 Work Offsets
- Coordinate System Rotation (G68.G69)
- Coordinate System Setting (G92)
- Custom Macro B
- Canned cycles for drilling (G73, G74, G81~G89/G80)
- Manual Handle Feed**
- Coolant System- 200 liter coolant tank and Spindle Coolant Nozzle
- Coolant & Chip Splash Guard
- Skip Function (G31)
- Background Editing
- Dynamic Graphic Display
- On Screen Display of Spindle RPM' and Load' Meters
- Leveling Bolts and Pads**
- Alpha Numeric Keyboard
- Automatic Lubrication System
- NEW! Periodic Maintenance Management
- Quick Side (Operator Interface)
- Manual Guide for Milling (Shop Floor Programming System)
- Manuals (1) Each: Operators, Maintenance, **Parts, Operators CNC, & Maintenance CNC**
- Interior Work Light- **LED STYLE**

**Accessories:**

- Work light .....
- Basic top side cover .....
- One (1) 6" Vise TMX .....
- Five (5) BT-30 X 70MM GL TEK ER-20 collet chucks .....
- One (1) ER-20 Wrench .....
- Five (5) ER-20 collets .....

- Five (5) BT-30 .500" end mill holders .....
- Ten (20) Pull Studs-BT30 .....
- BT-30 Rigid tap holder #1 Series BT-30 .....

- **No substitutions will be allowed. Equipment must be bid exactly as specified so as to integrate with the curriculum and industry training standards that are part of the Davies Machine Technology program.**
- **All shipping, delivery, rigging costs necessary to set machine in place on the floor space of the Machine Technology shop area, and the training of Davies Machine Technology teachers in the operation of the machine, are to be included within the Total Bid Pricing submitted below. Additionally, Total Bid Pricing must also include the Accessories and the related installation of such. No additional costs shall be invoiced by the vendor.**

**Total Bid Pricing :** \_\_\_\_\_

**Contract Terms and Conditions**

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## Terms and Conditions

### BID STANDARD TERMS AND CONDITIONS

### TERMS AND CONDITIONS FOR THIS BID

#### PURCHASE AGREEMENT BID

**BIDDING** (a) A single price shall be quoted for each item against which a proposal is submitted. This price will be the maximum in effect during the agreement period. Any price decline at the manufacturer's level shall be reflected in a reduction of the agreement price to the State. (b) Quantities, if any, are estimated only. The agreement shall cover the actual quantities ordering during the period. Deliveries will be billed at the single, firm, awarded unit price quoted regardless of the quantities ordered. (c) Bid price is net F.O.B. destination and shall include inside delivery at no extra cost. (d) Bids for single items and/or a small percentage of total items listed, may, at the State's sole option, be rejected as being non-responsive to the intent of this request. **ORDERING** (a) The User Agency(s) will submit individual orders for the various items and various quantities as may be required during the agreement period. (b) Exception - Regardless of any agreement resulting from this bid, the State reserves the right to solicit prices separately for any extra large requirements for delivery to specific destinations.

Mailing Address for Bid Proposals issued by the State of Rhode Island, Division of Purchases:

All Bid Proposals must be submitted to the following address:

State of Rhode Island  
Department of Administration  
Division of Purchases, 2nd Floor  
One Capitol Hill  
Providence, RI 02908

#### RIVIP INFO - BID SUBMISSION REQUIREMENTS

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer. When delivering offers in person to One Capitol Hill, vendors are advised to allow at least one hour additional time for clearance through security checkpoints.

#### MAILING ADDRESS FOR BID PROPOSALS ISSUED BY THE STATE OF RHODE ISLAND, DIVISION OF PURCHASES

All Bid Proposals must be submitted by mail or hand delivered to:

- State of Rhode Island
- Department of Administration
- Division of Purchases, Second floor
- One Capitol Hill
- Providence, RI 02908-5855

#### DIVESTITURE OF INVESTMENTS IN IRAN REQUIREMENT:

**No vendor engaged in investment activities in Iran as described in R.I. Gen. Laws §37-2.5-2(b) may submit a bid proposal to, or renew a contract with, the Division of Purchases. Each vendor submitting a bid proposal or entering into a renewal of a contract is required to certify that the vendor does not appear on the list maintained by the General Treasurer pursuant to R.I. Gen. Laws §37-2.5-3.**

**VENDOR SPECIFICATIONS**

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.

**DELIVERY PER AGENCY**

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY.