

Request for Proposal

June 14, 2017

SUMMARY

Dakota County Technical College (DCTC) of Rosemount, MN is accepting vendor bids for a six axis robot to be used in education.

PROPOSAL GUIDELINES AND REQUIREMENTS

This is an open and competitive process.

- **Submission Deadline for Qualification: 10:00 AM CST on 6/28/2017**
- Deadline for any questions regarding this project: 3:00 PM CST on 6/26/2017

The price quoted should be inclusive. If the price excludes certain fees or charges, please provide a detailed list of excluded fees with a complete explanation of the nature of those fees.

TERMS AND CONDITIONS

Dakota County Technical College will negotiate contract terms upon selection. All proposals are subject to review and will be awarded upon signing of a contract that outlines terms, scope, budget, timeline, and other requested items.

PURPOSE AND DESCRIPTION

This mechanical six axis robot is needed to provide DCTC students with training in the theory, programming and operation of a six axis robot.

SPECIFIC ROLES AND/OR RESPONSIBILITIES

Specifications:

Six Axis mechanical robot including controller.

- Reach is to be 55 mm
- Without controller robot mass is to be 20kg
- Maximum load capacity at wrist is to be 4kg
- Allowable load inertia at wrist J4 axis is to be 8.86 N-m
- Mounted on a mobile training cart that fits through a standard doorway.
- Mobile training cart must include a 120VAC Transformer, Air Compressor

Vendor will provide online web-learning courses—including simulated operation of robot—in the programming and operation of robot to 25 students for one year from date of purchase.

Vendor will provide one faculty member with training and certification in how to program and

operate the robot.

Vendor will provide Instructor Operational manuals for the robot operation, tool handling and programming and the web-learning courses identified above.

Vendor will provide 12 student manuals for the operation and programming of robot

Vendor will provide 12 student manuals for the online web-learning courses—including simulation—identified above.

TIMELINE

- **This PDF is dated 6/14/2017. Proposals are due no later than 10:00 AM CST on 6/28/2017.**
- Deadline for any questions regarding this project: 3:00 PM CST on 6/26/2017

Proposals will be evaluated immediately thereafter. During this time we may require interviews at our office. You will be notified if this is requested. The name of the vendor who has been selected will be decided by

BUDGET

The price quoted should be inclusive. If the price excludes certain fees or charges, please provide a detailed list of excluded fees with a complete explanation of the nature of those fees.

QUALIFICATIONS

CONTACT

Mail or deliver sealed proposal; must be **delivered** no later than **10:00am CST Thursday, June 28, 2017** to:

Dakota County Technical College
Attn: Christina Haan, Business Office
1300 East 145th St.
Rosemount, MN 55068
Phone: (651) 423-8405
Email: purchasing@dctc.edu

Proposal close date is Thursday, June 28th, 2017 – 10:00am.