Invitation to Bid
Robotic Welder
8-2016/2017

PENSACOLA STATE COLLEGE

ADDENDUM

Question: Can you send the specs of the type of Robot you are looking for?
Response: A single station work cell with a barrier door (prefer pneumatic operator) to provide access to the load and unload area of the cell. The complete cell, including the enclosure, robot and controller are mounted directly to a common cell platform for quick installation and relocation.

Question: What amperage?
Response: Robotic controller 480 VAC 3 PH 60HZ 5 KVA
Welder 480 VAC 3 PH 60 HZ 10.5 KVA

Question: What type of Controller?
Response: Yaskawa programming pendant with single point of contact or equivalent

Question: What type of positioned?
Response: Vertical

Question: What length of robotic arm?
Response: Should accommodate a 690 mm X 1800 working envelope

Question: I understand the meaning of attaching supplemental documents as part of the delivered proposal, but I've never heard of 'amplifying instructions'. Please clarify the meaning of that statement.

Response: Sufficient documentation should be provided for setup with all required safety procedures outlined.

Question: Does the college have a fork lift available to unload the Robotic Assembly?
Response: Yes

Question: Please advise as much information as you have available so we can begin to work on this.

Response: The unit should be a stand-alone unit with sufficient safety guards/enclosures to allow the unity safe operation in a classroom environment.

Robot:

- 6 kg payload
- 1440 mm reach

Additional items should include:

- The ability to weld in teach mode
- Graphic arc files
- Digital weld interface
- Integrated Tregaskiss air-cooled torch package
- Arm mounted 4-roll wire feeder

Total Safety Environment:

- In compliance with ANSI/RIA R15.06-2012 and Canadian safety standards
- Single point of operator control
- Barrier guarding with protectice solid panels
- Cycle start button interlocked with safeguards
- Pneumatic operated door guard
- Functional Safety Unit (FSU) to monitor station axis on operator side

Controller:

- Large color touch screen
- USB and CF card memory storage
- Standard work cell software functions
    - Multi-tasking (up to seven jobs at once
    - Mirror copy
    - Ladder logic editing display
    - Collision detection
    - Software weaving
- Ethernet Port
- Fieldbus I/O options