



AGENDA MEMORANDUM

Corpus Christi Business and Job Development Meeting of June 25, 2018

DATE: June 2, 2018

TO: President and Honorable Board Members,
Corpus Christi Business and Job Development Corporation

THROUGH: Constance Sanchez, Director of Finance

FROM: Mike Culbertson, COO, CCREDC
mculbertson@ccredc.com
(361) 882-7448

Del Mar College Process Technology Expansion

STAFF PRESENTER:

| <u>Name</u> | <u>Title/Position</u> | <u>Department</u> |
|--------------------|------------------------------|-----------------------------|
| 1. Mike Culbertson | COO | Corpus Christi Regional EDC |

BACKGROUND:

Del Mar College (DMC) has submitted an application to expand their Process Technology program. The proposed capital investment will aid the expansion of their operations from their current location at Del Mar West campus. DMC is working with Advanced Technologies Consultants, Inc. to develop the Ethylene Cracker Simulation Training and Industrial Process Maintenance Training Units and all related training modules. The estimated cost of these training skids with the additional instrument control room and equipment is \$2,006,000. NuStar will relocate a pump transfer unit (\$1 million value) to DMC. Deconstruction, transportation, pad and infrastructure preparation and reinstallation of the unit at a West Campus site is \$350,000. All additional training skids will be installed at locations contiguous with the original Pilot Plant. The full cost of the expansion project is \$2,356,000.

Project Description:

The College's Process Technology Program and Industrial Instrumentation Program address the region's growing need for skilled technicians in process technology, instrumentation, industrial automation, process control, safety and related fields. DMC proposes to expand its abilities to deliver training in these areas by adding training in ethylene cracker systems, industrial process maintenance, and the full scope of industrial pump and tank transfer training to further support our area's workforce needs.

The target goals are six-fold:

- Significantly increase the number of awards in Process Technology and Instrumentation Specialist to 400 related awards annually and an enrollment of 1,000.
- Increase the awards in the newly added Millwright Program (Industrial Rotating Equipment Specialists). The addition of the Pump Transfer skid will further support Process and Instrumentation training programs and Transportation Training Services.
- Increase the number of awards in Environmental Science to support safety assessment and OSHA requirements throughout multiple industrial applications directly related to area petrochemical and industrial plants.
- Increase the job-ready proficiency of graduates from the Process and Instrumentation Technology program in response to area industry needs by adding Industrial Process Maintenance Training and Ethylene Cracker Training Skids as well and provide cross training for multiple industrial applications directly related to area plants.
- Add one more Instrumentation Control Room with full integration into all training skids to increase training related to Industrial Instrumentation Technology.
- Increase the number of Safety and Welding graduates to support technology fields.

LIST OF SUPPORTING DOCUMENTS:

Del Mar College Application

Letter recommendation from CCREDC Board of Directors