

**201-268 Physical Sciences-Engineering Core Facility**  
 The University of Texas at El Paso

**Executive Summary Report**

**Project Description**

This project brings together several previously proposed projects which continue UTEPs comprehensive effort to refurbish and modernize older campus facilities, including classroom and teaching laboratories; finish out shelled space remaining from incomplete construction projects; expand the central campus utilities underground service loop; and achieve compliance with campus fire and life safety codes. Facility renovation efforts will include replacement of interior finishes, new classroom seating, laboratory casework and tables, improved lighting, electrical and communications systems, and provisions for instructional technology support. In addition, various infrastructure improvement projects will include: 1) HVAC systems upgrades to include the replacement of HVAC control systems as well as air handling units and scrubbers; 2) roof replacements, including re-roofing and patching of poured concrete roof slabs and repair of deteriorated eaves on older pre-1940s buildings; 3) removal and



**Project Information**

Project Status:	Active
Project Delivery Method:	Construction Manager at Risk
CIP Project Type:	New
Gross and Assignable Square Feet:	GSF: 0                  ASF: 0
"44 Initiative" Project:	Yes
Phase and Estimated % Complete:	- 0%
OFPC RPM, SPM, PM, RCM, IM:	Short , Gill , Ruiz , Ice ,
Architecture Firm:	
Construction Firm:	

**Project Budget**

Construction Services:	\$	0	at	#Error/	GSF
Total Project Cost:	\$	85,400,000	at	#Error/	GSF

**Project Funding**

Permanent University Fund Bonds	\$	8,500,000
Revenue Financing System Bonds	\$	400,000
Tuition Revenue Bonds	\$	76,500,000

**Project Schedule**

DD Approval Date (by BOR):  
 NTP For Construction Date:  
 Substantial Completion:  
 Operational Occupancy Date:

**Project Remarks**

This project has been divided into 6 sub-projects as follow: Refer to specific project for detailed information. Phase I, Stage A (Institution Managed) Re-Roofing of the Complex. Phase I, Stage B (OFPC Managed) Thermal Plant Expansion; Phase I, Stage C (Institution Managed) Completion of the 1st Floor - Engr. Annex; Phase I, Stage D (Institution Managed) Upgrade the Engineering Complex. Phase I, Stage E - (OFPC Managed) Clean Room Addition Project. Phase II, Stage A (OFPC Managed) Chemistry and Computer Science Building (formally Physical Sciences Building)

**Board Approvals**

Phase II, Stage A - Was approved on the Aug 2008 BOR meeting. Phase I, Stage E - All Phase I work received final approval in August 2008 BOR meeting.

**201-268 E Physical Sciences-Engineering Core Facility, Clean Room Addition**

The University of Texas at El Paso

**Executive Summary Report**

**Project Description**

The University of El Paso proposes to construct a new Clean Room facility to the existing engineering complex as part of UTEP's effort to construct a state-of-the-art undergraduate laboratory and teaching facilities for the natural sciences. The Clean Room facility includes class 100, 1000, and 10000 clean rooms with analytical lab and teaching lab



**Project Information**

Project Status:	Active
Project Delivery Method:	Competitive Sealed Proposals
CIP Project Type:	New
Gross and Assignable Square Feet:	GSF: 6,876          ASF: 3,643
"44 Initiative" Project:	Yes
Phase and Estimated % Complete:	Design - 50%
OFPC RPM, SPM, PM, RCM, IM:	Short , Gill , Gill , Ice , Institution
Architecture Firm:	EEA
Construction Firm:	TBD

**Project Budget**

Construction Services:	\$	3,470,000	at	\$504.65 / GSF
Total Project Cost:	\$	4,500,000	at	\$654.45 / GSF

**Project Funding**

Tuition Revenue Bonds	\$	4,500,000
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**Project Schedule**

DD Approval Date (by BOR):	
NTP For Construction Date:	11/18/2009
Substantial Completion:	11/17/2010
Operational Occupancy Date:	12/17/2010

**Project Remarks**

Project is now under design. The current planned location of the Clean Room Facility is between the Engineering building and Hawthorn. Programmer (Jacobs) has finished the programming document which has been distributed for signature. The project A/E (EEA) has submitted the SD documents and is approved to proceed to DD. Project budget is being revised to meet the SD estimate. DD Submission review held June 4, 2009. Project is within current budget.

**Board Approvals**

Project has been approved as part of Phase I of 201-268 on August 13, 2008.

**201-268 II-A Physical Sciences-Engineering Core Facility, Chemistry and Computer Science Building**  
 The University of Texas at El Paso **Executive Summary Report**

**Project Description**

The University of Texas at El Paso proposes to construct a state-of-the-art undergraduate laboratory and teaching facility for the natural sciences. This facility will double the existing outdated laboratory, teaching and undergraduate research space currently housed in a 40 year old Physical Sciences Building. The new facility will house the Chemistry and Computer Science departments, instructional laboratories, lecture support space, undergraduate and graduate research space and necessary office space.



**Project Information**

Project Status:	Active
Project Delivery Method:	Construction Manager at Risk
CIP Project Type:	New
Gross and Assignable Square Feet:	GSF: 150,186      ASF: 89,507
"44 Initiative" Project:	Yes
Phase and Estimated % Complete:	Construction - 6.5%
OFPC RPM, SPM, PM, RCM, IM:	Short , Gill , Ruiz , Ice ,
Architecture Firm:	Carter & Burgess
Construction Firm:	J.T. Vaughn Construction

**Project Budget**

Construction Services:	\$ 55,592,773 at \$370.16 / GSF
Total Project Cost:	\$ 69,200,000 at \$460.76 / GSF

**Project Funding**

Permanent University Fund Bonds	\$ 8,500,000
Tuition Revenue Bonds	\$ 60,700,000

**Project Schedule**

DD Approval Date (by BOR):	8/13/2008
NTP For Construction Date:	11/3/2008
Substantial Completion:	6/1/2011
Operational Occupancy Date:	7/14/2011

**Project Remarks**

Notice to Proceed for construction was issued on November 3rd. Child care center demolition commenced on 6 April, 2009, Demo is complete Buy out for Bid package #3 is complete. Retention system and earthwork have commenced.

Pier drilling subcontractor is preparing to mobilize on 29 June, 2009 Final detailed construction schedule is in draft form, ready for workshop.

**Board Approvals**

none

**201-279 A Science and Engineering Core Facilities Upgrade (A)**  
 The University of Texas at El Paso

**Executive Summary Report**

**Project Description**

The Science, Technology, Engineering, Mathematics (STEM) core consists of several large structures at the center of the UTEP campus, which was built in 1976. Under this project the Engineering-Science Complex will receive critically needed upgrades to classrooms, instructional labs, research facilities and renovation of major building subsystems, which are reaching the end of their programmed life cycle. Renovations will take place both concurrently with and after the completion of new Chemistry and Computer Science building.



**Project Information**

Project Status:	Active
Project Delivery Method:	Construction Manager at Risk
CIP Project Type:	Renovation & Expansion
Gross and Assignable Square Feet:	GSF: 83,000      ASF: 57,500
"44 Initiative" Project:	Yes
Phase and Estimated % Complete:	Design - 30%
OFPC RPM, SPM, PM, RCM, IM:	Short , Gill , Gill , Ice ,
Architecture Firm:	Hellmuth, Obata, Kassabaum (HOK)
Construction Firm:	Adolfson and Peterson Construction

**Project Budget**

Construction Services:	\$ 15,200,000 at \$183.13 / GSF
Total Project Cost:	\$ 22,000,000 at \$265.06 / GSF

**Project Funding**

Permanent University Fund Bonds	\$ 18,100,000
Revenue Financing System Bonds	\$ 3,900,000

**Project Schedule**

DD Approval Date (by BOR):	8/13/2009
NTP For Construction Date:	2/1/2010
Substantial Completion:	7/30/2011
Operational Occupancy Date:	9/30/2011

**Project Remarks**

Hellmuth, Obata, Kassabaum (HOK) selected as project architect, Dec 8, 2008. Design kick-off was held Feb 4, 2009. Schematic design submittal for Data Center and Portal due June 9. Design development submittal for design Studio due June 9, 2009

**Board Approvals**

Project approved as R&R at CIP on August 10, 2006. Submission to full BOR for DD approval is not required.