

PERALTA COMMUNITY COLLEGE DISTRICT
Board of Trustees Agenda Report
For the Trustee Meeting Date of January 13, 2009

ITEM # 22

ITEM TITLE:

Ratification of Change Order No. 1, Lighting Upgrade District-Wide, Enlight Energy Efficiency Lighting, Inc.

SPECIFIC BOARD ACTION REQUESTED:

Ratification is requested for Change Order No. 1 to the contract with Enlight Energy Efficiency Lighting, Inc. for the Lighting Upgrade District-Wide, in the amount of \$31,772.

ITEM SUMMARY:

On September 16, 2008, this Board awarded a contract to Enlight Energy Efficiency Lighting, Inc. for the Lighting Upgrade District-Wide. Ratification is now requested for Change Order No. 1 in the amount of \$42,773, which is 7.4% of the original contract amount (\$428,670). The change order will accommodate the retrofit of additional lights that were identified by the contractor but were not included in the consultant's estimate. The consultant provided the technical portion of the initial Request for Proposals, but estimated (i.e., did not field count) the number of fixtures to be retrofitted, since the time constraint of project completion by December 31, 2008 precluded it. The initial task of the contractor was to determine the actual requirements, which exceeded the original estimate. The change order was recommended to take advantage of PG&E rebates that expired December 31.

BACKGROUND/ANALYSIS:

The contractor was authorized to perform the work so that the schedule would not be delayed and sequencing of the work would not be affected. In accordance with Board Policy 6.83, approval was requested from the Chancellor for the change order work, and Change Order No. 1 is now brought before the Board for ratification. The changes are further described in the attachment.

ALTERNATIVES/OPTIONS:

Under the CCC/IOU (California Community College/Investor Owned Utility) program, this project qualifies for the highest PG&E rebates available. Thus, it is advantageous to the District to add this necessary change order scope. The existing lighting is forty years old and represents a significant waste of energy. The alternative, not to upgrade, would not be in accordance with the District's energy policies and would not be financially prudent.

EVALUATION AND RECOMMENDED ACTION:

Ratification is recommended for Change Order No. 1 to the contract with Enlight Energy Efficiency Lighting, Inc. for the Lighting Upgrade District-Wide, in the amount of \$31,772.

SOURCE OF FUNDS (AND FISCAL/BUDGETARY IMPACT):

PG&E credit, State Scheduled Maintenance funds, and Measure B.

OTHER DEPARTMENTS IMPACTED BY THIS ACTION (E.G. INFORMATION TECHNOLOGY):

YES _____ NO X

COMMENTS:

No additional comments.

WHO WILL BE PRESENTING THIS ITEM AT THE BOARD MEETING?

Vice Chancellor Ikhara

DID A BOARD STANDING COMMITTEE RECOMMEND THE ITEM? YES _____ NO X

IF "YES", PLEASE INCLUDE THAT INFORMATION IN YOUR SUMMARY.

PLEASE ACQUIRE SIGNATURES IN THIS ORDER:

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DOCUMENT PREPARED BY:

Prepared by: Sadiq B. Ikhano Date: 1-7-09
Dr. Sadiq B. Ikhano
Vice Chancellor of General Services

DOCUMENT PRESENTED BY:

Sadiq B. Ikhano Date: 1-7-09
Dr. Sadiq B. Ikhano
Vice Chancellor of General Services

FINANCE DEPARTMENT REVIEW

Finance review required Finance review *not* required

If Finance review is required, determination is: Approved Not Approved

If not approved, please give reason: _____

Signature: Thomas Smith Date: 1-8-09
Thomas Smith
Vice Chancellor for Finance and Administration

GENERAL COUNSEL (Legality and Format/adherence to Education Codes):

Legal review required Legal review *not* required

If Legal review is required, determination is: Approved Not Approved

Signature: Thuy T. Nguyen Date: 1/7/08
Thuy T. Nguyen, General Counsel

CHANCELLOR'S OFFICE APPROVAL

Approved, and Place on Agenda Not Approved, but Place on Agenda

Signature: Elihu Harris Date: 1-7-09
Elihu Harris, Chancellor

Light

Energy Efficient Lighting, Inc.

Robert Beckwith
Peralta Community College District
333 East 8th Street
Oakland, CA

Bob,

Since our detailed audit of the light fixture at Laney and Merritt Colleges found more lights to be retrofitted than were on the consultant's estimate, you have asked us to come up with a plan to reduce the scope of work to fit within the restrictions of the contracted budget.

We have prepared the attached spreadsheet that details the fixture types and counts to be retrofitted under the new plan. To summarize: At Merritt we will be able to retrofit Buildings A, D, E, F, L floors 2 and 3, P, Q, Gym lights, and the Children's Center. The first floor of the library will be skipped at your request as well as R building. At Laney we will be able to retrofit Admin, A, B, C, D, E, F, G, Library, Student Center, Theater, and the Gym high bay lights. All excluded areas listed in the contract will be skipped as well.

The total price for this retrofit is \$453,012 and in addition, we have already disposed of \$4,430 worth of PCB ballasts, and can anticipate finding more ~~*~~ as we continue with the project.

Since the project is larger than originally anticipated, we also request an extension of the project deadline to December 31, 2008.

Sincerely,

Matt

Matt Tracy
Enlight

~~*~~ \$3,000: ADDITIONAL PCB BALLASTS,
AS PER 12-23-08 PHONE DISCUSSION
WITH MATT TRACY - RWB
\$453,012: RETROFIT TOTAL
\$4,430: PCB BALLAST DISPOSAL

\$460,442 NEW TOTAL
- 428,670 CONTRACT AMOUNT

\$31,772 AMOUNT THIS CO#1

Robert Beckwith
12-23-08

5600A Sunol Blvd, Pleasanton, CA 94566 License # 866179
925-519-2855

LIGHTING RETROFIT ENERGY SAVINGS CALCULATIONS: Laney College Campus Summary

		Enlight Energy Efficient Lighting, Inc.											
# FIXT	DESCRIPTION	RETROFIT	Price Per Fixture	Watts		Hrs/Yr	\$ SAVED Per Year	PG&E Rebate	TOTAL PRICE				
				Before	After								
B-4/RF	B	2- Lamp Fluorescent	\$34.60	76	38	3,640	\$11,142	\$12,926	\$21,556				
	NT354	Sportlite 8x26	\$336.16	208	179	3,640	\$1,106	\$1,283	\$27,229				
D-4/RF	D4	4- Lamp Fluorescent	\$50.98	152	75	3,640	\$12,104	\$14,042	\$17,027				
E-2/RF	S21	1- Lamp F20 Fluor fixt	\$32.61	22	18	3,640	\$73	\$85	\$1,272				
E-4/RF	A8	1- Lamp Fluorescent	\$31.41	29	21	3,640	\$659	\$764	\$5,497				
F-2/RF	S22	2- Lamp F20 Fluor fixt	\$36.99	36	27	3,640	\$313	\$364	\$2,737				
F-2/RF	S228	2- Lamp F20 Fluor fixt	\$36.99	39	27	3,640	\$1,039	\$1,206	\$6,806				
F-4/RF	B8	2 LP ballast, T-8 lamp	\$34.60	58	38	3,640	\$10,260	\$11,903	\$37,714				
C-4/RF	C38	2 lamps, EB & T-8's, LP Ball	\$50.64	87	57	3,640	\$6,424	\$7,453	\$23,041				
H-2/RF	E	3L LP ballast, 3 T-8 lamps	\$47.44	65	53	3,640	\$6,314	\$7,325	\$53,038				
U-4/RF	EU	4 lamps, EB & T-8's, LP Ball	\$50.63	58	48	3,640	\$447	\$519	\$4,810				
X-2-NL	NL2x2	2 "U" lamp T8's, LP EB	\$20.36	-	-	-	-	-	\$692				
X-4-NL	NL2x4	New Lens 2x2	\$25.94	-	-	-	-	-	\$1,297				
Y-4-NL	NLWrap	New Lens 2x4	\$48.03	-	-	-	-	-	\$36,935				
			Totals				\$49,883	\$57,869	\$239,651				
										Includes lamp disposal.			

+ 213,361 (NEXT PAGE)

(1) TOTAL WITH CO # 1 : \$ 453,012
 BUT WITHOUT BALLAST DISPOSAL + 7,430
 (2) BALLAST DISPOSAL \$ 460,442
 (3) NEW TOTAL : \$ 460,442

		0.15 \$/KWH SAVED																	
		0.1293 \$/KWH																	
LIGHTING RETROFIT ENERGY SAVINGS CALCULATIONS: Merritt College Campus Summary																			
Enlight Energy Efficient Lighting, Inc.																			
# FIXT	DESCRIPTION	RETROFIT	Price Per Fixture	Watts Before	Watts After	Hrs/Yr	\$ SAVED Per Year	Rebate	TOTAL PRICE										
B-4/RF	B	2- Lamp Fluorescent	\$34.60	76	38	3,640	\$10,141	\$11,764	\$19,618										
C-4/RF	C3SS	3- Lamp Fluorescent	\$56.67	87	57	3,640	\$1,355	\$1,572	\$5,440										
C-4/RF	C38	3- Lamp Fluorescent	\$50.64	87	57	3,640	\$5,916	\$6,863	\$21,218										
	NT354	250 MH	\$336.16	295	179	3,640	\$2,948	\$3,420	\$18,153										
D-4/RF	D4	4- Lamp Fluorescent	\$50.98	152	75	3,640	\$7,828	\$9,081	\$11,012										
D-4/RF	D8	4- Lamp Fluorescent	\$50.98	110	75	3,640	\$3,311	\$3,841	\$10,247										
E-2/RF	S218	1- Lamp F20 Fluor fixt	\$32.61	22	18	3,640	\$58	\$68	\$1,011										
E-4/RF	A8	1- Lamp Fluorescent	\$31.41	29	21	3,640	\$2,847	\$3,302	\$23,746										
F-2/RF	S228	2- Lamp F20 Fluor fixt	\$36.99	39	27	3,640	\$559	\$649	\$3,662										
F-4/RF	B8	2- Lamp Fluorescent	\$34.60	58	38	3,640	\$19,645	\$22,790	\$72,210										
H-2/RF	E	2x2 4-lamp fixtures	\$47.44	65	53	3,640	\$678	\$786	\$5,693										
U-4/RF	EU	2x2 "U" fixtures	\$50.63	58	48	3,640	\$344	\$399	\$3,696										
X-4-NL	NL2x4	-	\$25.94	-	-	-	-	-	\$4,591										
Y-4-NL	NLWrap	-	\$48.03	-	-	-	-	-	\$13,064										
							Totals	\$55,630	\$64,536	\$213,361									
										Includes lamp disposal.									

