

Bid/Proposal No. P20/10015 - Comprehensive, Integrated Energy Management Program

Answers to Vendor Questions – Questions are in black, **Answers are in red**

1. Question: Can you please provide a list of buildings with the square footage and primary function of each?

Answer:

Building Name	Type	Address 1	External Property ID 1	Total Sq Ft
29-A	ACADEMIC	4355 E. CALLE AURORA	29-A	15975
29-B	ACADEMIC	4355 E. CALLE AURORA	29-B	28888
29-C	ACADEMIC	4355 E. CALLE AURORA	29-C	2524
29-D	ACADEMIC	4355 E. CALLE AURORA	29-D	840
29-E	ACADEMIC	4355 E. CALLE AURORA	29-E	864
29-F	ACADEMIC	4355 E. CALLE AURORA	29-F	856
29-G	ACADEMIC	4355 E. CALLE AURORA	29-G	832
29-H	ACADEMIC	4355 E. CALLE AURORA	29-H	832
AT-ATC	ACADEMIC	7211 SOUTH PARK AVENUE	AT-ATC	48274
DC-AH	ACADEMIC	1255 NORTH STONE AVENUE	DC-AH	15839
DC-CC	ACADEMIC	1255 NORTH STONE AVENUE	DC-CC	48230
DC-CD	ACADEMIC	1255 NORTH STONE AVENUE	DC-CD	3011
DC-CO	ADMINISTRATIO N	1255 NORTH STONE AVENUE	DC-CO	9900
DC-CP	FACILITIES	1255 NORTH STONE AVENUE	DC-CP	2563
DC-FA	FACILITIES	1255 NORTH STONE AVENUE	DC-FA	1792
DC-LB	ADMINISTRATIO N	1255 NORTH STONE AVENUE	DC-LB	33511
DC-RV	ACADEMIC	1255 NORTH STONE AVENUE	DC-RV	23095
DC-SL	ACADEMIC	1255 NORTH STONE AVENUE	DC-SL	5706
DC-ST	ACADEMIC	1255 NORTH STONE AVENUE	DC-ST	61395
DO-A	ADMINISTRATIO N	4905 EAST BROADWAY BLVD	DO-A	19798
DO-B	ADMINISTRATIO N	4905 EAST BROADWAY BLVD	DO-B	22800
DO-C	ADMINISTRATIO N	4905 EAST BROADWAY BLVD	DO-C	33844
DO-D	ADMINISTRATIO N	4905 EAST BROADWAY BLVD	DO-D	23201
DV-E	ACADEMIC	5901 SOUTH CALLE SANTA CRUZ	DV-E	3360
DV-F	ACADEMIC	5901 SOUTH CALLE SANTA CRUZ	DV-F	43131
DV-FC	ACADEMIC	5901 SOUTH CALLE SANTA CRUZ	DV-FC	12713
DV-G	ACADEMIC	5901 SOUTH CALLE SANTA CRUZ	DV-G	1989
DV-K	FACILITIES	5901 SOUTH CALLE SANTA CRUZ	DV-K	996
DV-PUEBLO	ACADEMIC	5901 SOUTH CALLE SANTA CRUZ	DV-PUEBLO	86961



PimaCommunityCollege

Contracts&Purchasing

EC-AB	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-AB	704
EC-CP	FACILITIES	8181 EAST IRVINGTON ROAD	EC-CP	2703
EC-E1	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-E1	7596
EC-E2	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-E2	12065
EC-E3	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-E3	7596
EC-E4	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-E4	14137
EC-E5	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-E5	12115
EC-E6	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-E6	7200
EC-E7	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-E7	15748
EC-LSC	ADMINISTRATIO N	8181 EAST IRVINGTON ROAD	EC-LSC	67246
EC-M5	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-M5	1440
EC-M6	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-M6	547
EC-O1	ADMINISTRATIO N	8181 EAST IRVINGTON ROAD	EC-O1	9213
EC-O2	ADMINISTRATIO N	8181 EAST IRVINGTON ROAD	EC-O2	4890
EC-SB	FACILITIES	8181 EAST IRVINGTON ROAD	EC-SB	400
EC-UR	FACILITIES	8181 EAST IRVINGTON ROAD	EC-UR	306
EC-VT	ACADEMIC	8181 EAST IRVINGTON ROAD	EC-VT	1457
MS-AS	FACILITIES	6680 SOUTH COUNTRY CLUB	MS-AS	9856
MS-MS	ADMINISTRATIO N	6680 SOUTH COUNTRY CLUB	MS-MS	58042
NW-A	ACADEMIC	7600 NORTH SHANNON ROAD	NW-A	39841
NW-B	ACADEMIC	7600 NORTH SHANNON ROAD	NW-B	35209
NW-C	ACADEMIC	7600 NORTH SHANNON ROAD	NW-C	16478
NW-D	ACADEMIC	7600 NORTH SHANNON ROAD	NW-D	14489
NW-E	ACADEMIC	7600 NORTH SHANNON ROAD	NW-E	14926
NW-G	ACADEMIC	7600 NORTH SHANNON ROAD	NW-G	59245
NW-L	ACADEMIC	7600 NORTH SHANNON ROAD	NW-L	3797
NW-M	ACADEMIC	7600 NORTH SHANNON ROAD	NW-M	1728
WC-A	ACADEMIC	2202 WEST ANKLAM ROAD	WC-A	83443
WC-B	ACADEMIC	2202 WEST ANKLAM ROAD	WC-B	51606
WC-C	ACADEMIC	2202 WEST ANKLAM ROAD	WC-C	145066
WC-CC	ACADEMIC	2202 WEST ANKLAM ROAD	WC-CC	5918
WC-CD	ACADEMIC	2202 WEST ANKLAM ROAD	WC-CD	31437
WC-CM	ACADEMIC	2202 WEST ANKLAM ROAD	WC-CM	10304
WC-CT	FACILITIES	2202 WEST ANKLAM ROAD	WC-CT	6312
WC-D	ACADEMIC	2202 WEST ANKLAM ROAD	WC-D	15125
WC-E	ACADEMIC	2202 WEST ANKLAM ROAD	WC-E	21810
WC-F	ACADEMIC	2202 WEST ANKLAM ROAD	WC-F	43466
WC-FS	ACADEMIC	2202 WEST ANKLAM ROAD	WC-FS	23278
WC-H	ACADEMIC	2202 WEST ANKLAM ROAD	WC-H	41718



WC-J	ACADEMIC	2202 WEST ANKLAM ROAD	WC-J	39378
WC-K	ACADEMIC	2202 WEST ANKLAM ROAD	WC-K	40819
WC-L	ACADEMIC	2202 WEST ANKLAM ROAD	WC-L	17941
WC-R	ADMINISTRATIO N	2202 WEST ANKLAM ROAD	WC-R	11110
				156142
Total Conditioned Space controlled by building automation				5

2. Question: We would like some clarification on whether PCC would like a consultant, or a turnkey contractor. According to the language below, it cites both “developing” a program, which is usually what we do as consultants, and “implementing” a program, which is usually done by contractor(s) under quality assurance oversight by the consultant and Owner.

Request for Proposal Summary

Pima County Community College District (“College”) is seeking proposals from qualified firms for consulting services to develop and implement a comprehensive, integrated energy management program in accordance with the Scope of Work specified in this RFP.

2. Entity Submitting RFP. The terms “vendor”, “offeror”, “firm”, “consultant”, “company”, or “contractor” used in this RFP or any subsequent documents or communications related to this RFP are interchangeable and mean the entity submitting a proposal and seeking to enter into a contract for the goods and/or services requested in this RFP.

Answer: We are asking for development and implementation

3. Question: The Cost Proposal (Section 3) is asking for a fixed price for a set of services whose level of effort can vary widely depending on many factors, including:
 - a. Campus size (square feet) **we have included (see answer to #1)**
 - b. Current energy usage profile and costs **we have included this (see answer to #6)**
 - c. Exact objectives of PCC

In situations like this where the exact scope isn’t fully defined, we are usually selected based on qualifications, and then hold discussions with the client, agree on a defined scope, and submit a price proposal.

Answer: We will entertain cost proposals based on historical projects of similar size and scope with the clarification that you are submitting estimates. Please include financing as well as non-financing options.

4. Question: What is the total number of square feet on the campus?

Answer: See #1



5. Question: How many buildings?

Answer: See #1

6. Question: What is the annual utility expense? Can this be broken down by utility?

Answer: See attached

7. Question: Can twelve months of utility bills be provided?

Answer: See #6

8. Question: What is the annual O&M budget for the campus?

Answer: FY 2018-2019 - \$14,767,795

9. Question: What type of building automation system does the campus utilize? What percent of floorspace is covered by this system?

Answer: The College currently uses 3 different control systems (iNET, Alerton & Delta). The College is currently converting all controls to Delta controls. No other automation controls will be considered. 100% of the space provided in answer 1 is controlled by the building automation systems.

Pima County Community College District

Summary of Monthly Usage by Commodity /

Electric usage in kWh

	Jan - 18	Feb - 18	Mar - 18	Apr - 18	May - 18	Jun - 18	Jul - 18	Aug - 18	Sep - 18	Oct - 18	Nov - 18
29th St Campus Wide	28,200	26,040	30,240	32,160	42,960	133	59,040	60,240	65,520	54,240	38,400
Aviation Center	25,000	28,000	27,000	31,800	30,400	33,400	47,000	49,000	44,800	43,600	29,200
CARPENTER SHOP	410	406	429	465	563	539	529	530	506	375	0
CC Building	24,320	24,800	20,640	19,520	18,480	19,600	0	0	0	7,280	7,520
CC Campus Wide	54,600	51,400	56,600	63,400	78,200	84,400	91,400	82,600	86,000	61,400	59,400
CFA Building	48,000	45,000	37,500	41,700	47,100	44,100	19,500	11,700	24,300	26,400	0
CL,WT,CT Building	26,880	27,264	24,576	22,656	19,968	21,504	19,584	23,808	29,952	30,720	31,872
COS Building	11,884	12,427	11,022	11,338	12,363	13,034	11,748	11,648	12,494	11,256	12,145
DC 227 W Drachman St	0	0	0	0	0	0	0	0	0	0	80
DC Campus Wide	57,600	61,400	55,400	62,000	55,800	55,000	44,200	54,600	71,600	71,400	55,600
DO Campus-wide	210,600	160,200	161,000	164,400	162,200	187,400	221,800	214,800	215,400	191,800	188,400
DV Campus Wide	52,400	-8,000	0	-35,600	-8,400	-30,000	0	0	0	0	23,600
East Campus	161,000	173,800	183,000	227,400	231,800	241,800	292,000	285,400	265,800	230,200	179,700
EAST COMFORT STATION	320	335	327	330	302	294	293	283	348	293	0
EC College Sign	1,024	984	615	242	212	182	229	233	415	571	607
EC Practice Field	160	160	240	160	160	160	160	160	160	160	160
Fitness Center	8,560	9,120	8,240	9,120	9,840	7,280	6,720	8,080	13,760	13,920	9,920
FSS Building	19,680	13,560	13,080	24,240	28,800	26,040	9,960	35,040	33,840	16,320	0
MECH Bldg.	-9,120	-17,280	-15,000	-3,480	-4,560	-6,600	0	0	1,200	26,880	360
MS Site-wide	12,386	22,400	21,760	18,560	17,760	18,480	0	0	0	0	0
NW Campus Wide	215,700	222,900	227,100	261,000	261,900	249,900	242,100	291,300	291,300	247,800	254,100
RV Building	20,080	20,800	18,800	19,840	19,200	20,240	20,640	21,290	24,376	21,000	21,539

Summary of Monthly Usage by Commodity /

	Jan - 18	Feb - 18	Mar - 18	Apr - 18	May - 18	Jun - 18	Jul - 18	Aug - 18	Sep - 18	Oct - 18	Nov - 18
WC Campus-wide	544,600	541,800	557,200	621,600	644,000	625,800	659,400	667,800	750,400	593,600	0
Total	1,514,284	1,417,516	1,439,769	1,592,851	1,669,048	1,612,686	1,746,303	1,818,512	1,932,171	1,649,215	912,603
Natural Gas usage in THERM											
	Jan - 18	Feb - 18	Mar - 18	Apr - 18	May - 18	Jun - 18	Jul - 18	Aug - 18	Sep - 18	Oct - 18	Nov - 18
ADM	1,338	884	983	161	50	45	61	55	68	66	76
AL Building/Santa Catalina Bldg.	1	1	4	3	1	0	0	0	0	0	0
ART Building	0	0	0	0	0	0	0	0	0	0	0
Aviation Center	2,208	2,626	1,185	537	24	11	11	9	21	551	2,716
Building A	10,454	9,796	8,317	7,872	5,483	321	307	321	330	1,647	7,044
Building A & B	380	384	433	164	70	4	0	0	0	24	149
Building C	59	61	61	81	71	65	66	66	67	66	69
Building C, D, & E	375	372	436	190	107	75	50	34	65	85	140
CBS,GYM,AL,ME,LCN,LCS, & LC Bldg	30,732	22,546	23,435	14,594	3,542	1,137	611	652	685	6,564	21,935
CC Building	0	0	0	0	0	0	0	0	0	0	0
CC Campus Wide	1,997	1,869	1,476	1,058	1,168	876	919	875	888	1,148	2,075
CFA Building	5,011	4,326	2,479	1,911	2,028	41	47	50	50	1,202	3,745
CL Building	10	15	15	14	16	10	8	9	9	11	24
DC Campus Wide	0	1	2	0	0	0	3	17	0	0	0
DC Tucson Inn	0	0	0	0	0	0	0	0	0	0	0
DV Campus Wide	4,010	3,848	2,885	1,974	717	460	713	1,456	3,300	4,513	5,757
E1,E2, E3 Building	7,230	6,622	6,972	5,185	5,853	5,448	4,358	2,668	6,079	4,430	5,568
E4 Building	797	763	894	576	627	30	147	5	47	387	613
E5,E6,CP, SU Building	770	657	662	295	189	5	4	3	7	4	532
E6 Building	9	14	17	8	6	5	4	4	4	6	9
E7	1	3	2	2	3	0	0	0	2	3	2

Fitness Center	299	485	211	34	18	3	4	3	3	34	246
FSS Building	2,002	1,551	767	734	674	353	249	470	372	305	1,423
	Jan - 18	Feb - 18	Mar - 18	Apr - 18	May - 18	Jun - 18	Jul - 18	Aug - 18	Sep - 18	Oct - 18	Nov - 18
HRP Building	1	2	4	1	2	1	2	1	1	2	1
KILN	33	116	226	393	165	227	64	101	282	249	408
LIBRARY	78	80	91	15	0	0	0	0	0	0	0
MECH Bldg.	6,659	6,661	6,401	4,293	2,749	1,548	611	804	1,629	2,647	3,647
MS Auto Shop	355	488	127	9	3	3	3	3	3	37	349
MS Main Complex	1,650	1,758	84	0	0	1,208	0	0	0	4	1,499
Plaza Building	1,042	1,154	1,039	691	118	24	20	108	908	1,338	1,512
RA Building	50	62	42	2	0	0	0	0	0	0	0
SC Building	0	0	0	0	0	0	0	0	0	0	0
SCI Building	2	4	2	5	3	3	2	2	7	7	8
ST Building	6,238	5,328	5,712	3,258	2,678	2,538	575	618	1,238	2,405	3,019
Total	83,791	72,477	64,964	44,060	26,365	14,441	8,839	8,334	16,065	27,735	62,566
Solar PV usage in kWh											
	Jan - 18	Feb - 18	Mar - 18	Apr - 18	May - 18	Jun - 18	Jul - 18	Aug - 18	Sep - 18	Oct - 18	Nov - 18
CC Building	27,083	29,520	42,451	50,149	56,401	52,196	43,235	41,811	37,741	31,582	28,849
CC Campus Wide	4,515	5,013	6,024	8,703	9,937	9,333	6,652	7,608	6,572	4,809	4,192
CFA Building	55,115	58,413	83,239	99,196	112,159	105,172	94,068	89,744	80,559	63,259	57,222
CL,WT,CT Building	12,379	13,787	19,830	23,457	26,685	23,204	21,038	21,842	19,551	15,004	13,285
DC Campus Wide	50,146	52,559	73,054	84,442	94,220	86,774	73,978	71,672	65,816	53,680	47,180
DV Campus Wide	152,985	190,309	276,082	232,078	242,690	319,649	299,886	274,258	275,058	21,001	174,198
FSS Building	21,661	23,160	32,948	39,660	45,220	40,405	35,956	36,092	31,254	24,417	21,975
MECH Bldg.	32,405	33,783	46,701	53,777	61,479	63,074	60,984	59,331	38,722	26,380	31,027
MS Site-wide	32,760	33,154	45,522	52,314	58,003	53,713	48,615	46,490	43,115	35,109	32,506
Total	389,048	439,698	625,851	643,775	706,793	753,520	684,412	648,848	598,387	275,241	410,435

Water usage in Kgal

	Jan - 18	Feb - 18	Mar - 18	Apr - 18	May - 18	Jun - 18	Jul - 18	Aug - 18	Sep - 18	Oct - 18	Nov - 18
29th St Campus Wide	44	33	22	23	27	34	42	61	47	25	20
ADM	370	313	290	155	117	108	94	99	111	56	12
Aviation Center	1	6	4	20	46	78	85	85	77	48	67
Building A	5	8	7	5	7	8	7	5	7	7	5
Building A & B	10	13	12	13	13	13	13	12	12	11	10
Building B	8	25	17	26	25	9	10	15	37	25	28
Building D	201	206	119	217	218	236	277	358	314	175	150
Building G	4	16	10	15	13	11	9	7	19	19	19
CC Building	2	34	33	31	45	24	19	22	36	41	39
CC Campus Wide	25	75	100	42	157	24	76	68	70	61	61
CL,WT,CT Building	18	24	19	18	22	14	10	10	18	22	20
COS Building	7	6	7	4	5	5	4	4	6	4	17
DC 127 W Drachman	0	0	0	0	0	0	0	0	0	0	0
DC Campus Wide	298	388	334	449	614	783	876	830	902	745	405
District Central Offices	183	56	73	170	155	158	236	224	206	164	153
Downtown Campus	0	0	0	0	0	0	0	0	0	0	0
DV Campus Wide	114	199	203	262	337	391	444	537	532	356	248
E2,E3,E4,E5,CP,O Building	242	329	144	349	413	467	486	506	556	336	149
E6 Building	4	22	30	14	10	2	2	4	10	14	9
East Campus	204	177	123	218	212	192	207	257	115	167	296
GV Site-Wide	0	0	0	0	0	0	0	0	0	0	0
M4,M5 Domestic	1	1	1	2	2	1	1	2	2	2	1
MS Main Complex	0	0	0	0	0	0	0	0	0	0	0
	Jan - 18	Feb - 18	Mar - 18	Apr - 18	May - 18	Jun - 18	Jul - 18	Aug - 18	Sep - 18	Oct - 18	Nov - 18

MS Site-wide	12	17	21	30	59	115	87	97	105	51	51
NW Campus Wide	55	55	47	56	62	91	71	74	184	101	89
Plaza Building	0	31	19	21	39	52	50	55	56	49	55
RA Building	0	0	0	0	0	0	0	0	0	0	0
RV Building	31	39	40	34	28	0	67	29	40	42	44
RV Irrigation Shop	0	1	0	0	1	0	0	0	0	1	0
ST Building	143	82	77	99	177	250	281	217	239	129	131
SU Building	22	41	45	34	34	18	19	27	49	40	34
WC Campus-wide	1,758	1,472	1,436	1,925	1,593	1,834	2,315	2,477	2,140	1,688	1,172
West Campus	1,016	740	515	1,186	2,654	4,316	4,581	2,506	2,103	2,154	989
Total	4,777	4,411	3,748	5,419	7,086	9,234	10,369	8,589	7,995	6,532	4,275

Requested by: ddavis57

Client Version:

Report version: 6

Filters: Account Name Not equals X; Billing Period Equals Dec 2018; Commodity Not equals Butane; Meters in Building Name: Not equals x; Bill is Void Equals 0; Acco Active Equals 1; Bill is from External Vendor Equals 1;

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AN - 25PT

Dec - 18	Total
33,720	470,893
26,400	415,600
333	5,085
12,480	154,640
51,200	820,600
30,046	375,346
32,256	311,040
13,107	144,466
0	80
53,800	698,400
187,800	2,265,800
32,800	26,800
168,250	2,640,150
332	3,457
691	6,005
240	2,080
8,240	112,800
7,643	228,203
0	-27,600
4,881	116,226
238,200	3,003,300
21,372	249,177

AN - 25PT

Dec - 18	Total
527,262	6,733,462
1,451,053	18,756,010

Dec - 18	Total
304	4,091
1	11
0	0
4,393	14,292
8,864	60,756
322	1,930
45	777
419	2,348
26,394	152,827
0	0
1,980	16,329
4,249	25,139
30	171
0	23
0	0
6,413	36,046
7,526	67,939
584	5,470
798	3,926
10	96
3	21

542	1,882
1,220	10,120

Dec - 18	Total
2	20

245	2,509
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57	321
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6,957	44,606
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574	1,954
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2,028	8,231
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1,429	9,383
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35	191
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0	0
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2	47
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6,137	39,744
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81,563	511,200
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Dec - 18	Total
23,452	464,471

3,388	76,745
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45,737	943,882
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10,711	220,774
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44,877	798,396
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150,471	2,608,663
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17,634	370,382
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32,837	540,500
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26,484	507,783
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355,591	6,531,598
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Dec - 18	Total
15	394
10	1,736
26	543
7	80
10	141
16	242
151	2,621
13	155
33	359
53	811
19	215
5	76
0	0
367	6,992
200	1,977
0	0
153	3,776
146	4,121
7	129
134	2,304
0	0
1	19
0	0

Dec - 18 **Total**

55	700
70	955
50	477
0	0
40	432
1	3
144	1,968
30	394
1,366	21,176
1,850	24,609
4,972	77,407

unt is