

Celtic Energy



Stamford, CT EID
ESPC and microgrid
project update
July 15th, 2014

energy
solutions
for a
sustainable
future

ESPC PROJECT UPDATE

- Pre-bid meeting and initial tours June 26th–27th
- Amendment #1 issued July 2nd
- Facility access July 7th–11th and 14th–15th
- Amendment #2 issued July 15th
- Q&A sessions with facility managers July 23rd
- Next: form City selection committee

Pre-bid meeting and initial tours June 26th–27th

- ESCOS in attendance: Ameresco, ConEdison Solutions, Honeywell, Johnson Controls, Noresco
 - Johnson Controls has decided not to submit a response
- Project briefing and tours intended to provide as much information as equitably as possible
- 6/26 tours: Government Center, Clinton Manor, Post House
- 6/27 tours: Stamford HS, Rippowam, Westhill HS, Roxbury
- AFB, BOE trades foremen helped brief ESCOs during tour

REVISED Candidate buildings overview

Facility	Current Size SF	Electric Use kWh	Gas Use Therms	Water Use Kgal	Electric Cost \$	Gas Cost \$	Water Cost \$	Total Costs (\$)	Total Use KBTU	Energy Use Index KBTU/SF/Y R	Energy Cost Index \$/SF
Rippowam Middle School (shelter)	227,700	1,116,830	93,934	1,246	\$ 203,182	\$ 81,328	\$ 8,763	\$ 293,273	13,205,141	57.99	\$ 1.25
Roxbury Elementary & Annex School	86,706	561,023	55,836	694	\$ 96,087	\$ 43,001	\$ 3,571	\$ 142,659	7,498,371	86.48	\$ 1.60
Stamford Government Center	272,000	5,116,680	101,539	6,171	\$ 699,349	\$ 93,307	\$ 20,318	\$ 792,656	27,617,129	101.53	\$ 2.91
Stamford High School (shelter)	381,408	3,321,840	186,155	1,870	\$ 477,634	\$ 183,453	\$ 18,153	\$ 679,240	29,952,940	78.53	\$ 1.73
Westhill High & Agriscience School (shelter)	407,807	4,118,352	193,541	2,963	\$ 604,625	\$ 184,303	\$ 14,959	\$ 803,887	33,410,035	81.93	\$ 1.93
Totals:	1,375,621	14,234,725	631,005	12,944	\$ 2,080,877	\$ 647,389	\$ 65,764	\$ 2,711,715	111,683,616	81.2	\$ 1.98

AMENDMENT #1

- Facility access schedule
- Revised facility overview table from RFP Attachment A: Technical Facility Profiles
- Pre-bid sign-in sheet and briefing
- Floor plans for the four schools in this RFP

AMENDMENT #2

- Announcement of Q&A meetings with senior facility managers on Wednesday July 23rd
- Details of access plan for drawings & plans
- Six ESCO questions and City answers
- Re-scanned version of the Government Center retrocommissioning (RCx) survey
 - File on the CDs issued with the RFP might be corrupt

ESPC critical path & schedule

- Phase 1: ESCO selection
 - RFP release June 16, pre-bid meeting & initial tours June 26–27
 - Facility access week of July 7–11
 - Written questions due Aug. 7, City responses by Aug. 14
 - ESCO proposals due Sep. 4
 - Selection committee chooses ESCO by end September
- Phase 2a: Investment Grade Audit, finalize contract
 - 3–6 months (fall/winter 2014 – winter/spring 2015)
- Phase 2b: design, construction, commissioning
 - 12–18 months (winter/spring 2015–spring 2016)
- Phase 3: performance period
 - 15–20 years (2015–2016 to 2030–2040)