



COLLIN COUNTY

Office of the Purchasing Agent
2300 Bloomdale Road
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McKinney, Texas 75071
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ADDENDUM No. Two (2)

Services, Qualified Scheduling Entity (QSE) To Participate In ERCOT Program RFP No. 2016-163

Effective: June 30, 2016

You are hereby directed to make changes to the Request for Proposal in accordance with the attached information:

Delete:

Attachment A, Questions & Answers

Replace with:

Attachment A, Questions & Answers (Revision 1) (Changes made in red)

Please note all other terms, conditions, specifications drawings, etc. remain unchanged.

Sincerely,
Michalyn Rains CPPO, CPPB
Purchasing Agent

Services, Qualified Scheduling Entity (QSE) to Participate in ERCOT Program
RFP 2016-163

Questions & Answers: (Revision 1)

1. Has Collin County participated in ERS 10, ERS30, LR, CLM, or 4CP programs in the past?

Yes, ERS10, 4CP, and CLM

- a. If so, at what capacity was participation enrolled?
Depending on the period, anywhere from 400kW – 1500kW
- b. Was the participation a Default Baseline “Drop By” or Alternate Baseline “Drop To” participation?
“Drop By”
- c. Was Collin County successful at meeting the reduction requirements?
Yes. As long as we were notified in a timely manner.
- d. Can we get a copy of the test results from ERCOT?
Yes, but not sure how to request those. We only get a message from our current QSE stating whether we passed or failed.

2. How many buildings will be participating in the Demand Response?

Two

3. Will the thermal storage system be used for the Demand Response?

Yes as well as generators

4. What is an “Aggregator bonded by State Distribution”

Means that you are a QSE and able to participate in ERCOT.

5. Has Collin already received a quote from their current service provider to build the required custom screens for ERS, CLM and 4CP?

No. The current vendor ties into our building automation system only to monitor and control a few points. They have their own portal that we log into to opt in/opt out our equipment.

6. Can Collin County sign LOA with all ESIIDs for potential buildings?

Yes, we will sign an LOA. Send the form to gosinaike@co.collin.tx.us

7. How many MW are involved for each of the programs you’re soliciting for?

Depending on the period, anywhere from 400kW – 1500kW.

General Questions:

1. Does the County currently have non-utility metering equipment or automated controls installed that are used to manage your facility? If yes, please specify.
In addition to the Oncor's IDR meter, Yes we have our own meters in switchgear. Schneider Electric meters.
2. Is this a system that the County owns?
Yes
3. Does the County have a digital interface that allows facility managers to see past event demand response activity or monitor their facilities' usage in real-time?
No digital interface, but we can see real-time or historical usage.
4. Are all of the County's facilities inside of Oncor's utility service territory?
Yes
5. The County indicates that they can manually participate in the three products. Does the County want the QSE supplier to develop an automated procedure via their Tridium BMS to automatically manipulate the facility load?
That would be ok.
6. Does the County have a preference on the QSE using its SCADA master which can communicate with the Tridium Niagara over a VPN directly via Modbus, or have the QSE install its own devices that can communicate locally again using Modbus?
Either way is fine.
7. Do the Schneider meters have a free port on them and are they SCADA enabled?
No free port on them. All ports are in use.
8. Would the County like the QSE to connect to the Schneider meters or provide their own submetering?
Please provide your own.
9. Is the existing generators emergency permitted or non-emergency permitted?
N/A
 - a. If emergency permitted, are they undertaking getting them permitted as non-emergency? **N/A**
10. What are the specifications around the engine of the existing generator(s) make, model, and year?
N/A

11. Regarding contract start. The RFP is for services starting October 1, 2016, please confirm?
Yes. We need to get our bid submitted to ERCOT during the enrollment period.
12. Please clarify for each program that services delivered will start as follows:
- a. ERS -- program services will commence with the ERS 10 program starting 10/1/16 - 1/31/17.
Yes
 - b. CLM -- program services will commence with the 2017 program 6/1/17-9/30/17.
Yes
 - c. 4CP -- will supplier have option to provide notification for portion of 2016.
Possibly, there will only be a month left into season, so maybe would be best to wait until 2017.
13. Regarding Bid 2016-163 (Services, Qualified Scheduling Entity (QSE) to Participate in ERCOT Program), how many MW are involved for each of the programs you're soliciting for?
Anywhere from 0-1.5mW

CLM

1. Does the County have a set of building plans, inventory of lighting fixtures and HVAC equipment by facility that they plan to retrofit over the next five years?
No
- a. For each facility, please provide the square footage, number of stories and what the building is used for (eg. Office, storage, jail, transportation, parking, data center) and hours of operation. **522,409 sq. ft. Jail facility and office space. 2 story. 24/7 operation.**
 - b. For lighting, we would like to know the fixture type, wattage, age and run hours.
2' & 4' florescent, 277v, 80 watt. 24/7 runtime. Outside lighting is 250-400w about 10 hours/day.
 - c. For HVAC, we would like to know the system manufacturer/model #, tonnage, age and run hours. Is the systems gas or electric driven?
Mammoth AHU's. Chilled water coils and gas furnaces. FP VAV boxes have electric heat.

- d. Please list controls in place for presence and schedule optimization. We would like to know the controls manufacturer.
We use Niagara Tridium JACE's. They are connected to Honeywell Controllers.
2. Please send a copy of the recent utility bills for power and gas for each eligible facility. **N/A**
3. Has the County recently completed an investment grade energy efficiency audit of their facilities that they can share with suppliers? **No**
4. What kW quantity is the county providing to Oncor 1-7p from Jun-Sep?
1500kW
5. Our assumption is 1,200 kW. Please confirm that the CLM kW quantity is provided from the same resources as ERS?
1200-1500kW.

4CP

1. Is the County currently managing their facilities around 4CP alerts?
When we receive an alert, we have policies in place to curtail. Ex. Reset equipment.
2. If yes, what quantity of demand has the County been successful in reducing? This question enables us to forecast the expected benefit from our 4CP program.
1000kW
3. If yes, how is the County managing the lowering of their demand (deploying onsite generation, integration with building management systems, HVAC precooling, etc.).
Onsite generation
4. Is the County lowering demand on all applicable facilities?
Yes
5. Does the County have staff available to manually curtail?
Yes

ERS

1. Is the County currently participating in ERCOT's ERS program?
Yes

2. What specific time periods?
All except TP3 and TP4 for the summer. When not in the summer months, we participate in all time periods ranging from 800kW-1200kW.
3. What specific volumes in those time periods? These questions enable us to forecast the expected benefit from our ERS program.
During the summer TP, we bid 1200kW.
4. Is this volume from one facility or multiple facilities aggregated together?
2 facilities, but both are on same electric meter.
5. Does the County have staff available to manually curtail?
Yes
6. Follow up to ERS question 2, the County replied that they are bidding 1,200 kW except for TP3 and TP4. For the rest of year, they indicated they bid a range of 800-1200 kW. So that the suppliers can estimate the value to the county, can we assume 1,000 kW instead of the range of 800-1200 kW?
Yes
 - a. Or the suppliers can also utilize a more detailed schedule by time period.
The summer period, June – September, we participate in in all 3 programs so TP 3 and TP 4 need to be 0kW. The other months, 1000kW would be safe to bid into the program.

Demand Response Table

Provide for each program, the number of meters that will be monitoring and the size of the curtailable load.

ERS

Month	Count of ESIDs	Total 2015 Curtailable kW
January	1	1000-1300kW
February	1	800-1000kW
March	1	800-1000kW
April	1	800-1000kW
May	1	800-1000kW
June	1	0-1500kW, 0 during 1p-8p
July	1	0-1500kW, 0 during 1p-8p
August	1	0-1500kW, 0 during 1p-8p
September	1	0-1500kW, 0 during 1p-8p
October	1	1000-1300kW
November	1	1000-1300kW
Please list above referenced ESIDs (separated by comma):		

CLM

Month	Count of ESIDs	Total 2015 Curtailable kW
June	1	1500
July	1	1500
August	1	1500
September	1	1500
Please list above referenced ESIDs (separated by comma):		

4CP

Month	Count of ESIDs	Total 2015 Curtailable kW
June	1	1000
July	1	1000
August	1	1000
September	1	1000
Please list above referenced ESIDs (separated by comma):		