

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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DEC - 8 2009

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICATION OF INTER-COUNTY ENERGY)
COOPERATIVE FOR A CERTIFICATE OF)
CONVENIENCE AND NECESSITY PURSUANT)
TO KRS 278.020(1) AND 807 KAR 5:001,)
SECTION 9, AND RELATED SECTIONS,)
AUTHORIZING CERTAIN PROPOSED)
CONSTRUCTION IDENTIFIED AS THE)
2009-2012 CONSTRUCTION WORK PLAN)

CASE NO.
2009-00143

RESPONSES TO

**THIRD DATA REQUEST OF COMMISSION STAFF
TO INTER-COUNTY ENERGY COOPERATIVE**

1. In its response to question 1.b of the Commission Staff's second data request ("Staff's Second Request"), Inter-County states that:

Attached is a spreadsheet labeled "Exhibit C", which details the materials that would be involved in the installation of both the Aclara and Landis+Gyr systems. Also attached, labeled "Exhibit D", are copies of the information provided by the vendors. Due to a confidentiality agreement signed with Landis+Gyr/Hunt system and emails with confidentiality disclosures, some items or information has [sic] been omitted.

Provide the cost information which was omitted from Inter-County's response to Staff's second data request, question 1.b. If Inter-County or the vendors claim that such information is confidential pursuant to KRS 61.878, Inter-County or the vendors shall submit a petition for confidentiality to the Commission in accordance with the provisions of 807 KAR 5:001, Section 7. However, pursuant to subsection (5) of that regulation, no party to a Commission case can decline to respond for discovery on grounds of confidentiality.

Response:

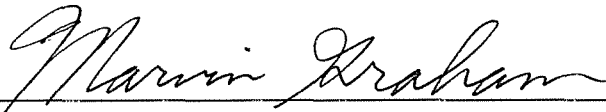
See Attachment "A" which details in full the materials that would be involved with the installation of the Aclara and Landis+Gyr Systems. "Exhibit D" of our previous response is general information and no information was omitted from that compilation. This information was provided to Inter-County Energy by the vendors under confidentiality agreements. Inter-County Energy respectfully requests that you honor these confidentiality agreements.

2. Refer to the attached e-mail dated November 5, 2009 from Inter-County to HD Supply which states, in part: "[t]his work plan was submitted at the first of '09 and construction work has already begun." Explain in detail which projects in Inter-County's 2009-2012 construction work plan are already under construction, when construction started on each project, and the percentage of project cost already committed for each project.

Response:

See Attachment "B", which answers the above questions. This attachment does explain the project in detail. However, if additional information is required, please refer to the previously submitted Inter-County Energy 2009-2012 Construction Work Plan Section 3-C in which the construction items are listed in order of CFR CODE.

Marvin Graham, being duly sworn, states that he has prepared the responses to the Third Data Request of Commission Staff to Inter-County Energy Cooperative in Case No. 2009-00143, dated November 19, 2009, and that the matters and things set forth therein are true and accurate to the best of my knowledge, information and belief, formed after reasonable inquiry.



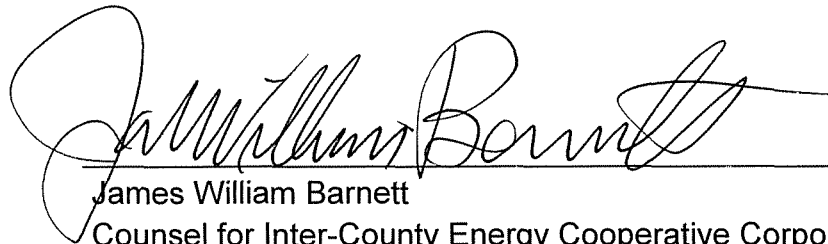
Marvin Graham, Vice President-Operations
Inter-County Energy Cooperative Corporation

Subscribed and sworn to before me by Marvin Graham as Vice President-Operations of Inter-County Energy Cooperative Corporation this 4th day of December, 2009.



NOTARY PUBLIC
STATE OF KENTUCKY
COUNTY OF BOYLE

My Commission Expires 10-1-2010



James William Barnett
Counsel for Inter-County Energy Cooperative Corporation
114 South Fourth Street – Danville, KY 40422
Telephone: (859) 236-2641 / Fax: (859) 236-1483

EXHIBIT A

SUBSTATION EQUIPMENT

HUNT				TWACS			
Description	Qty	Unit Price	Total	Description	Qty	Unit Price	Total
SPU 3000 1 blade w fiber optic output	14			Control and Receiving Unit (Outdoor)	14		
Blade Assy, w/o Fiber Optic output	29			Outbound Modulating Unit (One per Bus)	14		
Blade Assy, Blank	41			High Density Feeder Panel	1		
TCU, 1X (Single Configuration) <12MVA	7			Inbound Pickup Unit (One per Feeder)	43		
TCU, 2X (Single Configuration) >12MVA	7						
Transformers 75KVA 277/480	7			MUT with Fused Switch 150KVA/7.2KV	2		
Transformers 75KVA 120/208	7			MUT with Fused Switch 150KVA/14.4KV	5		
				MUT with Fused Switch 225KVA/14.4KV	5		
				MTU with Fused Switch 300KVA/14.4KV	2		
Misc. Switches, Conduit, Cable, ect.	14			Misc. Switches, Conduit, Cable, ect.	14		
SUBSTATION TOTAL:			_____				_____
METERS AND METER HARDWARE							
modules	L+G Focus Endpoint (Solid State) - Integrated Type AL	12500		UMT-R-F Single Phase Module 240V FM2S	12500		
	L+G Focus Endpoint (Solid State) - not Integrated Type AX w Zigbee						
	L+G Focus Endpoint (Solid State) - not Integrated Type AX w/o Zigbee						
	Itron Centron Endpoint solid state state	12500		EMT-XM Module for Centron 240V FM2S	12500		
	L+G Polyphase Type S4 not integrated						
	GE KV2/KV2C Polyphase Endpoint	250		Poly Phase CMT Module any form 120-480V L1 Centron			
	Itron Sentinel Polyphase w/RTP			Poly Phase UMT Module any form 120-480V KV2C	250		
	Itron Sentinel Polyphase w/RTP and LC						
meters	L+G Focus meter	12500		L+G Focus meter	12500		
	GE KV2C meter (estimated value)	250		GE KV2C meter (estimated value)	250		
	Centron Single Phase 2S CL 200 240V	12500		Centron Single Phase 2S CL 200 240V	12500		
	Sentinel Three Phase Level 1			Sentinel Three Phase Level 1			
	LG 3ph AXS4E			LG 3ph AXS4E			
METERING TOTAL:			_____				_____

SOFTWARE

TS2 Command Center Software with MDM 1
 Remote Service Switch Funtionality within Command Center 1
 Load Control Switch Functionality within Command Center 1
 SQL Server 2008 standard edition 1

SOFTWARE TOTAL:

TWACS Net Server Software (Free if purchased before end of August) 1
 ProAsys Outage Software 1
 Optimum Interface Software (multispeak) 1

TRAINING AND IMPLEMENTATION

TS2 Project Management Services (See terms and conditions) 1
 Orientation and First Substation Commissioning with Hunt Field Service Rep 1
 Substation Optimization and Commissioning by Hunt Personel (per sub) optional 0
 On-site training with Hunt Personnel for 3 days Optional Training Credits (# based on WebEx Classes or Classroom) required 32
 TS2 Command Center Introduction 6
 TS2 Command Center Advanced 3
 TS2 Substation Installation Certification Training 3
 TS2 Troubleshooting 3
 Travel 15

TRAINING TOTAL:

1st year Program Support & 4 Training classes 1
 1st year Software Support 1

COMPUTER HARDWARE

Web and Application Server / blades 1
 Database Server 1

TOTAL COMPUTER HARDWARE:

TNS Hardware Package for up to 50K meters 1

TOTAL EXTENDED PRICE LESS ANNUAL SUPPORT:

ANNUAL SUPPORT AND SOFTWARE AGREEMENTS

Based on 25,450 TS2 deployed endpoints. Pricing is based on 2009 rates and is subject to change in 2011

1

Standard Support Level (20% Software Cost)
Enhanced Support Level (28% Software Cost)
Premium Support Level (40% Software Cost)

1

ANNUAL SUPPORT FEE:

FIELD TEST EQUIPMENT

Commissioning Tools
Feeder Study Kit
Symbol HHP

1
1
1

STS Substation Test Set
PRTU Portable Test Set
RSRTU Stationary Test Set
PIA Interface Adapter

1
1
0
0

TEST EQUIPMENT TOTAL:

COMPANY LABOR INSTALL:

Construction / yr (1 crew / week / sub)
Maintenance / yr (Instr. Rated Change outs)
Engineering / yr (2 eng / 20hrs/week for 50 weeks)
Member Services (IT 120 hrs)

14
250
1
1

Construction / yr (1 crew / week / sub)
Maintenance / yr (Instr. Rated Change outs)
Engineering / yr (2 eng / 20hrs/week for 50 weeks)
Member Services (IT 120 hrs)

14
250
1
1

COMPANY LABOR TOTAL

COMPANY LABOR TOTAL

CONTRACT LABOR:

Luthan Testing: Residential meters

25000

Luthan Testing: Residential meters

25000

CONTRACT LABOR TOTAL

CONTRACT LABOR TOTAL

COMMUNICATIONS:

Unknown now

1

Unknown now

1

COMMUNICATIONS TOTAL

COMMUNICATIONS TOTAL

TOTAL INSTALLATION COST 1 YEAR COMPLETION TIME

EXHIBIT B
INTER COUNTY ENERGY
2009-2012 CONSTRUCTION WORK PLAN
ANSWERS TO PSC QUESTION 11/20/2009

WORK PLAN CFR CODE	DESCRIPTION OF PROPOSED CONSTRUCTION	CONSTRUCTION START DATE	% OF COST COMMITTED
305	Convert 3.42 miles of 1 phase distribution circuit to 3 phase 1/0 AAAC. Install 2 – 333 KVA step transformers at line section 22207. Install 2 – 50E reclosers at R85. Loretto Road	Aug-09	100%
306	Convert 14.4 miles of 3 phase distribution (98 transformers) from 12.47 KV to 25 KV. Install 1-333 KVA step transformer at line section 15156. Remove 3 – 70L reclosers at line section 20972, R223-224-225. Remove 3 – 333 KVA step transformers at line section 22207. Remove 3 – 333 KVA step transformers at line section 15051. Remove 3 – 50H reclosers at line section 22207. Loretto Road	Jun-09	100%
307	Reconductor 2.3 miles of 3 phase distribution circuit with 1/0 AAAC.	Sep-09	100%
313	Replace 2.65 mile of 1 phase #4 ACSR with 1 phase 1/0 AAAC.	Nov-09	5%
314	Convert 10.42 mile of 1 phase distribution (74 transformers) from 7.2 KV to 14.4 KV. Remove 1 – 333 KVA step transformer at line section 15534. Remove 1 -144 KVA/100Amp voltage regulator at line section 15535. Replace R84, 1 – 50H recloser with 1 -50E recloser. Replace poles and equipment as required.	Aug-09	100%
319	Reconductor 1.92 mile of 3 phase 1/0 AAAC with 3 phase 397 ACSR. Remove 3-70L reclosers at R24-33-136.	Oct-09	40%
330	Convert 5.2 miles of single phase distribution (36 transformers) from 7.2KV to 14.4KV. Remove 1-333KVA step transformer. Replace R403, 1-50H with 1-50E recloser. Replace poles and equipment as required.	Jul-09	100%
332	Re-conductor 2.9 miles of deteriorated conductor with 1/0 AAAC.	Apr-09	100%
333	Re-conductor 2.9 miles of deteriorated conductor with 1/0 AAAC.	Jun-09	100%
339	Re-conductor 2 miles of deteriorated primary conductor with 1/0 AAAC.	Sep-09	90%
365	Re-conductor 1.6 miles of deteriorated primary conductor with 1/0 AAAC.	May-09	100%
370	Re-conductor 4.4 miles of deteriorated conductor with 1/0 AAAC.	Jan-09	100%