

VILLAGE OF CHATHAM, ILLINOIS

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ORDINANCE NO. 08 - 35

AN ORDINANCE APPROVING A BID FOR  
SUBSTATION CONSTRUCTION

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ADOPTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF  
CHATHAM, ILLINOIS THIS 26<sup>TH</sup> DAY OF AUGUST, 2008

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Published in pamphlet form by the authority of the President and  
Board of Trustees of the Village of Chatham, Sangamon County,  
Illinois, this 26<sup>th</sup> day of August, 2008.

ORDINANCE NO. 08-35

AN ORDINANCE APPROVING BID FOR CONSTRUCTING A SUBSTATION

WHEREAS, the Village of Chatham sought and obtained bids for constructing a new substation on Independence Boulevard; and

WHEREAS, the bids were opened and evaluated by Staff and PCI Management Consulting Company and the lowest qualifying bid was identified; a Bid Tabulation is attached hereto.

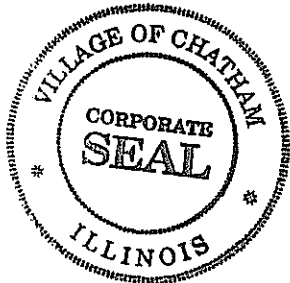
NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF CHATHAM, ILLINOIS, AS FOLLOWS:

SECTION 1: That the bid of \$1,393,099.00 from Henkels and McCoy for the construction of the Independence Substation is hereby approved.

SECTION 2: The Director is authorized and directed to complete required documents.

SECTION 3: This Ordinance is effective upon its passage and approval.

PASSED THIS 26<sup>th</sup> DAY OF AUGUST, 2008



*Thomas S. Gray*  
Thomas S. Gray, President  
Village of Chatham

ATTEST:

*Pat Schach BY Karl E. Toft, DEPUTY CLERK*  
Pat Schach, Village Clerk

AYES: 6 *MURPHY, KAVANAGH, HERR, SCHATTEMAN, BOYLE, REYNOLDS* PASSED: 8/26/08  
NAYS: 0 APPROVED: 8/26/08  
ABSENT: 0

**ORDINANCE CERTIFICATE**

STATE OF ILLINOIS     )  
  )  SS.  
COUNTY OF SANGAMON    )

I, the undersigned, do hereby certify that I am the duly qualified and acting Village Clerk of the Village of Chatham, Sangamon County, Illinois.

I do further certify that the Ordinance attached hereto is a full, true, and exact copy of Ordinance No. 08 -     , adopted by the President and Board of Trustees of said Village on the 26<sup>th</sup> day of August, 2008, said Ordinance being entitled:

**AN ORDINANCE APPROVING A BID  
FOR CONSTRUCTING A SUBSTATION**

I do further certify that prior to the making of this certificate, the said Ordinance was spread at length upon the permanent records of said Village, where it now appears and remains.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of said Village this 26<sup>th</sup> day of August, 2008.

*Pat Schad* BY *Karl E. Taff* DEPUTY  
Pat Schad, Village Clerk     , CLERK



**INDEPENDENCE SUBSTATION CONSTRUCTION AND EXISTING SYSTEM UPGRADES  
 BID TABULATION**

PCI Management and Consulting Company

Village of Chatham Independence Substation and Existing System Upgrades Project

ITEM	RFP Section	APM ELECTRIC (G.E.)	HENKELS & MCCOY, INC.	L.E. MYERS CO.	NATIONAL CONDUCTOR CONSTRUCTORS	NOTES
<b>GENERAL:</b>						
Contact	PQ-pg 1	Jim Hataway	Ryan Crull	Quinn Huber	Bob Changstrom	
Contact Phone Number	PQ-pg 1	713-475-4500	618-548-0896	217-591-1392	218-828-8171	
Home Office Location	PQ-pg 1	3225 Pasadena Blvd, Pasadena, TX 77503	985 Jolly Road, Blue Bell, PA 19422	1655 Hubbard Avenue, Decatur, IL, 62526	18119 State Highway 371, Bralned, MN 58401	
Satellite Office Location	PQ-pg 1					
<b>PREQUALIFICATION INFORMATION:</b>						
Type of Organization	PQ-pg 1	Corporation	Corporation	Corporation	Not provided	
Date Established	PQ-pg 1	2/6/1976	1958	1891	Not provided	
Number of Years of Experience	PQ-pg 1	30+	85	117	Not provided	
Personnel:						
Salaried	PQ-pg 1	~50	Attachment with bid	80	Not provided	
Field Forces	PQ-pg 1	2000+	Attachment with bid	715	Not provided	
Engineers	PQ-pg 1	3	Attachment with bid	5	Not provided	
Superintendents	PQ-pg 1	130+	Attachment with bid	37	Not provided	
Current Net Worth	PQ-pg 1	\$ 60,968,756	Confidential	N/A	Not provided	
Dunn & Bradstreet Rating	PQ-pg 2	4A1	5A2	ER1 (Myr Group, Inc. Rating)	Not provided	
Bonding Company	PQ-pg 2	Allen North America	Travelers Casualty & Surety	SAFECO Insurance Company	Not provided	
Safety Program-QA/QC Program	PQ-pg 3	Yes	Yes	Yes	Not provided	
<b>PRICING (USD):</b>						
Concrete Foundations and Caisson/Pier Construction, including Backfill, Compaction and Final Stone Installation/Restoration Base Scope – Independence Substation:	4.2.1.1	\$ 240,838.00	\$ 404,330.00	\$ 289,493.00	\$ 310,268.40	
Concrete Foundations and Associated Catch Basins/Piping for the Two Main Power Transformer Foundations Base Scope – Independence Substation:	4.2.1.2	\$ 234,848.00	\$ 124,100.00	\$ 351,982.00	\$ 337,442.48	
Underground Electrical Conduits, Duct Banks, Manholes, and Underground Grounding Grid Installation Base Scope – Independence Substation:	4.2.1.3	\$ 405,645.63	\$ 202,120.00	\$ 197,595.00	\$ 452,410.02	
Receiving, Unloading, Removal from Storage and Electrical Equipment and Structures Setting and Installation Base Scope – Independence Substation:	4.2.1.4	\$ 181,815.72	\$ 294,761.00	\$ 242,257.00	\$ 192,761.07	
Labor, Equipment, and Materials to Complete Electrical Installation Base Scope – Independence Substation:	4.2.1.5	\$ 171,005.25	\$ 32,890.00	\$ 129,049.00	\$ 385,516.46	
Check-out and Testing Base Scope – Independence Substation:	4.2.1.6	\$ 33,815.03	\$ 101,877.00	\$ 24,058.00	\$ 30,086.01	
Concrete Foundations and Caisson/Pier Construction, including Backfill, Compaction and Final Stone Installation/Restoration – Main Substation:	4.2.1.7	\$ 47,820.00	\$ 84,611.00	\$ 60,692.00	\$ 109,009.40	
Receiving, Unloading, Removal from Storage and Electrical Equipment and Structures Setting and Installation Base Scope – Main Substation:	4.2.1.8	\$ 38,069.18	\$ 31,069.00	\$ 46,826.00	\$ 36,919.24	
Labor, Equipment, and Materials to Complete Electrical Installation Base Scope – Main Substation:	4.2.1.9	\$ 36,358.19	\$ 60,322.00	\$ 35,958.00	\$ 20,006.24	
Other (list)	4.2.1.10	\$ -	\$ -	\$ 126,268.00	\$ 168,481.60	
Cost of Payment Bond & Performance Bond	4.2.1.11	\$ 2,780.23	\$ 10,939.00	\$ 16,500.00	\$ 15,940.00	
<b>TOTAL PRICE OF WORK</b>	<b>4.2.1.12</b>	<b>\$ 1,392,896.23</b>	<b>\$ 1,347,019.00</b>	<b>\$ 1,520,678.00</b>	<b>\$ 2,058,841.92</b>	<b>FROM PROPOSAL FORM AND SUMMARY</b>

**INDEPENDENCE SUBSTATION CONSTRUCTION AND EXISTING SYSTEM UPGRADES  
BID TABULATION**

PCI Management and Consulting Company

Village of Chatham Independence Substation and Existing System Upgrades Project

ITEM	RFP Section	APM ELECTRIC (G.E.)	HENKELS & MCCOY, INC.	L.E. MYERS CO.	NATIONAL CONDUCTOR CONSTRUCTORS	NOTES
Add for supply of transformer grating and support system		n/a	\$ 36,080	n/a	Not evaluated further	
Deduct for Acceptance Testing		n/a	n/a	\$ (24,058)	n/a	
<b>TOTAL EVALUATED PRICE:</b>	<b>N/A</b>	<b>\$ 1,392,895</b>	<b>\$ 1,383,099</b>	<b>\$ 1,486,620</b>	<b>\$ 2,058,842</b>	NCC advised last minute price change by subcontractor-asked if should withdraw-issued revised bid-advised NCC price was high so no need to formally withdraw unless they wish to. Bid was read but deemed non-compliant as no bid bond supplied
Percentage of Work Self Performed (%)	4.2.1.13	54%	57%	60%	78%	
Bid Bond Included in the amount of 5% of Bid (Yes/No)		Yes	Yes	Yes	No	
<b>MANPOWER:</b>						
Concrete Foundations and Caisson/Pier Construction, including Backfill, Compaction and Final Stone Installation/Restoration Base Scope – Independence Substation:	4.2.2					
Total Days (Days)	4.2.2.1	15	30	Provided in schedule	Not provided	
Total Field Man Days (MD)	4.2.2.2	105	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)	4.2.2.3	1,050	MH	Provided in schedule	Not provided	
Concrete Foundations and Associated Catch Basins/Piping for the Two Main Power Transformer Foundations Base Scope – Independence Substation:	4.2.3					
Total Days (Days)		14	30	Provided in schedule	Not provided	
Total Field Man Days (MD)		98	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)		1,000	MH	Provided in schedule	Not provided	
Underground Electrical Conduits, Duct Banks, Manholes, and Underground Grounding Grid Installation Base Scope – Independence Substation:	4.2.4					
Total Days (Days)		8	20	Provided in schedule	Not provided	
Total Field Man Days (MD)		100	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)		1,000	MH	Provided in schedule	Not provided	
Receiving, Unloading, Removal from Storage and Electrical Equipment and Structures Setting and Installation Base Scope – Independence Substation:	4.2.5					
Total Days (Days)		10	9	Provided in schedule	Not provided	
Total Field Man Days (MD)		20	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)		160	MH	Provided in schedule	Not provided	
Labor, Equipment, and Materials to Complete Electrical Installation Base Scope – Independence Substation:	4.2.6					
Total Days (Days)		65	32	Provided in schedule	Not provided	
Total Field Man Days (MD)		455	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)		3,698	MH	Provided in schedule	Not provided	
Check-out and Testing Base Scope – Independence Substation:	4.2.7					
Total Days (Days)		15	5	Provided in schedule	Not provided	
Total Field Man Days (MD)		455	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)		350	MH	Provided in schedule	Not provided	
Concrete Foundations and Caisson/Pier Construction, including Backfill, Compaction and Final Stone Installation/Restoration – Main Substation:	4.2.8					
Total Days (Days)		5	7	Provided in schedule	Not provided	
Total Field Man Days (MD)		20	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)		200	MH	Provided in schedule	Not provided	

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Receiving, Unloading, Removal from Storage and Electrical Equipment and Structures Setting and Installation Base Scope – Main Substation:	4.2.9					
Total Days (Days)		5	5	Provided in schedule	Not provided	
Total Field Man Days (MD)		10	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)		80	MH	Provided in schedule	Not provided	
Labor, Equipment, and Materials to Complete Electrical Installation Base Scope – Main Substation:	4.2.10					
Total Days (Days)		22	7	Provided in schedule	Not provided	
Total Field Man Days (MD)		110	MD	Provided in schedule	Not provided	
Total Field Man Hours (MH)		661	MH	Provided in schedule	Not provided	
TOTAL DAYS FOR JOB		159	145	Provided in schedule	Not provided	
TOTAL FIELD MAN DAYS FOR JOB		1,373	Not Provided	Provided in schedule	Not provided	
TOTAL FIELD MAN HOURS FOR JOB	N/A	8,199	Not Provided	Provided in schedule	Not provided	
<b>OPTIONAL PRICING - Foundation and Underground Installation (USD):</b>	<b>4.2.11</b>					
Excavation (Cu. Yd.)	4.2.11.1	\$ 25.75	By Sub	Not provided	Not provided	Note: Some pricing, such as conduit installation based upon conduit only, others appear to have excavation, etc. Included also.
Backfill (Cu. Yd.)	4.2.11.2	\$ 29.87	By Sub	Not provided	Not provided	
Formwork (Sq. Ft.)	4.2.11.3	\$ 10.30	By Sub	Not provided	Not provided	
Anchor Bolt Placement, not Incl. supply of Abs (Ea.)	4.2.11.4	\$ 51.50	By Sub	Not provided	Not provided	
Expansion Bolt Material & Placement (Ea.)	4.2.11.5	\$ -	By Sub	Not provided	Not provided	
Rebar Placement and Supply (Per Lb.)	4.2.11.6	\$ 1.55	By Sub	Not provided	Not provided	
Concrete Placement (Cu. Yd.)	4.2.11.7	\$ 154.50	By Sub	Not provided	Not provided	
Supply and Placement of UG Conduit:	4.2.11.8					
Per Ft., 1"		\$ 19.42	\$ 18.00	Not provided	Not provided	
Per Ft., 1 1/2"		\$ -	\$ 18.00	Not provided	Not provided	
Per Ft., 2"		\$ 21.92	\$ 18.00	Not provided	Not provided	
Per Ft., 3"		\$ 24.42	\$ 25.00	Not provided	Not provided	
Per Ft., 4"		\$ 29.42	\$ 30.00	Not provided	Not provided	
Per Ft., 5"		\$ -	\$ 44.00	Not provided	Not provided	
Per Ft., 6"		\$ 36.42	\$ 48.00	Not provided	Not provided	
Supply and placement of ground grid (Per Ft.)	4.2.11.9	\$ 31.48	\$ 20.00	Not provided	Not provided	
<b>OPTIONAL PRICING - Electrical Installation (USD):</b>	<b>4.2.12</b>					
Supply and installation of 600 V cable (in existing underground conduit -- per ft.):	4.2.12.1					
Power cable, four (4) conductor, 12 AWG (per ft.)		\$ 3.55	\$ 12.50	Not provided	Not provided	
Power cable, eight (8) conductor, 12 AWG (per ft.)		\$ 10.54	\$ 24.50	Not provided	Not provided	
Instrumentation cable, four (4) conductor, 16 AWG (per ft.)		\$ -	\$ 12.50	Not provided	Not provided	
Instrumentation cable, eight (8) conductor, 16 AWG (per ft.)		\$ -	\$ 25.80	Not provided	Not provided	
Instrumentation cable, sixteen (16) conductor, 16 AWG (per ft.)		\$ -	\$ 50.00	Not provided	Not provided	
Other as applicable, list 12C #12		\$ 13.00	\$ -	Not provided	Not provided	
Other as applicable, list 3C 4/0		\$ 46.25	\$ -	Not provided	Not provided	
Termination of cables with appropriate lugs and connectors (per pair):	4.2.12.2					
Power Cables (per pair)		\$ -	\$ 48.00	Not provided	Not provided	
Instrumentation cables (per pair)		\$ -	\$ 48.00	Not provided	Not provided	

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Supply and installation of underground, rigid galvanized steel conduit (including excavation, backfill/compaction, final stone installation/restoration, and concrete encasement with 6" minimum cover – per ft.):	4.2.12.3					
1" (per ft.)			\$ 55.00	Not provided	Not provided	
2" (per ft.)			\$ 58.50	Not provided	Not provided	
3" (per ft.)			\$ 66.40	Not provided	Not provided	
4" (per ft.)			\$ 72.20	Not provided	Not provided	
5" (per ft.)			\$ 88.20	Not provided	Not provided	
6" (per ft.)			\$ 104.70	Not provided	Not provided	
Supply and installation of above ground, rigid galvanized steel conduit, including supports (per ft.):	4.2.12.4					
3/4" (per ft.)		\$ 18.00	\$ 6.30	Not provided	Not provided	
1" (per ft.)		\$ 21.57	\$ 9.90	Not provided	Not provided	
2" (per ft.)		\$ 20.32	\$ 20.50	Not provided	Not provided	
Supply and installation of above ground, flexible watertight conduit (per ft.):	4.2.12.5					
3/4" (per ft.)		\$ 12.00	\$ 6.30	Not provided	Not provided	
1" (per ft.)		\$ 15.00	\$ 9.90	Not provided	Not provided	
2" (per ft.)		\$ 42.00	\$ 20.50	Not provided	Not provided	
<b>SUBCONTRACTORS:</b>	<b>4.4.4</b>					
Name		JJ Barney Construction	Lindblad Construction	L. Keeley Construction	Electro Mechanical Contracting Foundallon	
Type of Work		Civil/Foundations	Foundations	Foundations		
% Amount of Bid Price		46%	37%	40%	22%	
Name			Elder Power Services			
Type of Work			Equipment Testing			
% Amount of Bid Price			6%			
<b>Acknowledged Receipt of Addenda Nos.:</b>	<b>4.5.1</b>	1 through 6	1 through 6	1 through 6	1 through 6	
<b>Error Certification:</b>	<b>4.6</b>	Not Provided	None	None	See Clarifications	
<b>Exceptions/Clarifications:</b>	<b>5.0</b>					
		1. Reserves right to negotiate terms and conditions mutually acceptable	1. Section 7 - Insurance Provisions, §7.1	1. Based upon successful contract negotiations.	1. Several - not evaluated further.	
		2. Construction - General	2. Section 7 - Insurance Provisions, §7.3.b	2. Permits only for transport of LE Myers construction equipment.		
		3. Type and quantities of wire/cable	3. Section 7 - Insurance Provisions, §7.3.c	3. Not responsible for damage to unlocatable utilities.		
			4. Section 10 - Payment, §3rd	4. Delays out of control billed at labor/equipment rates provided.		
			5. Section 10 - Payment, §5th	5. Metals indicas proposal based upon provided.		

**INDEPENDENCE SUBSTATION CONSTRUCTION AND EXISTING SYSTEM UPGRADES**

PCI Management and Consulting Company

**BID TABULATION**

*Village of Chatham Independence Substation and Existing System Upgrades Project*

ITEM	RFP Section	APM ELECTRIC (G.E.)	HENKELS & MCCOY, INC.	L.E. MYERS CO.	NATIONAL CONDUCTOR CONSTRUCTORS	NOTES
			6. Section 13-Delay Damages	6. Foundation as per plans and specifications.		
			7. Section 14-Warranty	7. Timely review of submittals.		
			8. Section 25-Protection of Work	8. Site assumed graded and compacted.		
			9. AppA-Contractors SOW	9. Distran BOM assumed complete.		
			10. Relocation of main power transformer not included.	10. RGS risers assumed straight - no bending		
			11. Cables in duct bank and manholes assumed by others	11. Schedule enclosed to be used as guideline - improvement should be possible.		
Liquidated Damages		n/a	n/a	n/a	n/a	
Guaranteed Completion Date		Later	Later	Later	Later	