

VILLAGE OF CHATHAM, ILLINOIS

ORDINANCE NO. 08 - 22

AN ORDINANCE APPROVING A BID FOR
SUBSTATION VACUUM CIRCUIT BREAKER

ADOPTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF
CHATHAM, ILLINOIS THIS 13TH DAY OF MAY, 2008

Published in pamphlet form by the authority of the President and
Board of Trustees of the Village of Chatham, Sangamon County,
Illinois, this 13th day of May, 2008.

ORDINANCE NO. 08-22

AN ORDINANCE APPROVING BID FOR
SUBSTATION VACUUM CIRCUIT BREAKER

WHEREAS, the Village of Chatham sought and obtained bids for one Type R three phase air insulated, spring charged, vacuum circuit breaker for a new substation on Independence Boulevard; and

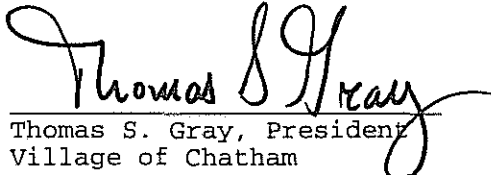
WHEREAS, the bids were opened and evaluated by Staff and PCI Management Consulting Company and are recommending the bid from ABB Inc. for a price of \$18,356, inclusive of freight charges. All in accordance with the Project Manual.

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 for the Circuit Breaker described above from ABB Inc. is hereby approved.

SECTION 2: This Ordinance is effective upon its passage and approval.

PASSED THIS 13th DAY OF MAY, 2008.


Thomas S. Gray, President
Village of Chatham

ATTEST:


Pat Schad, Village Clerk

AYES: 5 HERR, SCHATTMAN, BOYLE, REYNOLDS
NAYS: 0
ABSENT: 1 KAVANAGH

McGRATH

PASSED: 5-13-08
APPROVED: 5-13-08



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-*22* adopted by the President and Board of Trustees of said Village on the 13th day of May, 2008, said Ordinance being entitled:

**AN ORDINANCE APPROVING BID FOR
SUBSTATION VACUUM CIRCUIT BREAKER**

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 13th day of May, 2008.


Pat Schad, Village Clerk





COMMERCIAL AND TECHNICAL TENDER

ABB Power Technologies

Prepared for:

PCI Management & Consulting
1325 Wiley Rd, Suite 158
Schaumburg, IL. 60173

Prepared by:

Michael Beard
655 Century Point
Laake Mary, FL. 32746
407-732-2791
michael.beard@us.abb.com

Customer Name:
PCI Management &
Consulting

Telephone:

ABB Tender ID

Date

Validity Date

**Reference
Number**

Contact Person:

08Q454415 rev 2

09 May 2008

29 Apr 2008

In response to your request we are pleased to offer the following:

Pricing

Item	Qty	Product Type	Net Price Each (USD)	Item Total
10	1	BB11246UU551ABL40001 Type : BB, Rating : 1124, Auxilliary Switch : 6, CT Bush 1-3-5 : U, CT Bush 2-4-6 : U, Trip Voltage : 5, Close Voltage : 5, Motor Voltage : 1, Circuit Prot. : A, Control Type : B, Panel : L, Bushing Term. : 4 Lead time is 14 weeks.	18 356	18 356.00

Grand Total Sales Price: 18 356.00 USD



COMMERCIAL AND TECHNICAL TENDER

Technical Data Sheet

Item 10

ABB Product ID: BB11246UU551ABL40001

Breaker Type:

Type R three phase air insulated, spring charged, vacuum circuit breaker. Factory assembled, wired and routine tested per ANSI C37.09.

Breaker Rating:

Rated Maximum Voltage: 15.5 kV RMS
Rated Lightning Impulse Withstand Voltage (BIL): 110 kV peak
Rated Continuous Current: 2000 A RMS
Rated Short Circuit Interrupting Current: 25 kA RMS Sym.

Auxiliary Switches:

16 deck snap action rotary switch. Normally this should provide 4 'a' and 4 'b' field adjustable contacts.

Current Transformers Bushings 1-3-5:

2 sets of 2000/5 C400 Bushing Current Transformers on bushings 1-3-5. Thermal Rating Factor @ 30°C: 2.00. Full Winding Metering Class: 0.3B1.8.

Current Transformers Bushings 2-4-6:

2 sets of 2000/5 C400 Bushing Current Transformers on bushings 2-4-6. Thermal Rating Factor @ 30°C: 2.00. Full Winding Metering Class: 0.3B1.8

BCT Shorting Type Terminal Blocks:

Standard shorting type terminal blocks as required.

BCT Wiring:

#10 AWG wire. All taps wired to terminal blocks.

Trip Voltage or Actuator Voltage:

125 VDC trip coil with an operating range of 70 to 140 VDC.

Close Voltage or Actuator Voltage:

125 VDC close coil with an operating voltage of 90 to 140 VDC.

Motor Voltage or Operating Voltage:

120 VAC 1/2 HP universal motor

Circuit Protection:

Circuit breakers provided for control circuits.

Control Terminal Blocks:

Standard control terminals as required.

Control Wiring:

#14 AWG (41 - .010) SIS, fungus proof wire on control circuits.



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Control Wiring Lugs:

Insulated control wiring lugs provided.

Wire Markers:

Brady wire marker sleeves as required.

Heaters:

(2) 120 VAC, 375 Watt heaters provided; one for the low voltage compartment and one for the high voltage compartment.

Thermostats:

(1) Standard thermostat included. Operating Range: 70°F to 80°F

Bushing:

Six ANSI-70 gray Porcelain Bushings. Strike 12.66 in. (322 mm); Creep: 32.5 in. (456 mm) 2.00 in. (51 mm) - 12 THDS copper stud bushing.

Bushing Terminal:

Stud to 4-hole NEMA pad connectors

Mounting Frame:

One adjustable steel substation mounting frame with two stainless steel ground pads located on each side of the unit.

Control Type:

No control is provided.

Control:

No control provided

Panel Configuration:

Swing panel provided with standard control switch, red and green indicating lights, and local/remote switch.

Control Switch:

(1) Standard control switch with red and green indicating lights.

Local/Remote Switch:

(1) Standard local/remote switch provided.

Test Switches:

No test switches provided.

Digital Meters:

No digital meters provided

Standard Dynamic Accessories:

Special Dynamic Accessory 2: 120 VAC relay cabinet light mounted inside relay control cabinet.



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Special Dynamic Accessory 3: 120 VAC, 1 phase GFI utility outlet mounted inside the relay control cabinet.

Special Dynamic Accessory 11: Loss of AC Relay (120 VAC)

Special Dynamic Accessory 13: Loss of DC supply voltage

Special Dynamic Accessory 14: Universal timer

ABB Internal Order Entry Info:

CID Code: 9AAC30400680

Source Location Code: 9AAE300185

Clarifications



COMMERCIAL AND TECHNICAL TENDER

General Terms and Conditions

Prices

Prices are firm for shipment quoted, and do not include federal, state, or local taxes of any kind.

Payment

Payment terms are Net 30 Days.

ABB has a minimum domestic order value requirement of \$200 USD.

Warranty

The equipment is warranted for a period of 18 months from date of energization, but not to exceed 24 months from shipment.

Delivery Terms

Proposed delivery terms will be Free on board.

Quoted lead times are based on current production levels. Actual lead times are dependent on available production space at time of order entry and/or release to manufacturing.

Terms & Conditions

Other terms and conditions are per ABB General Terms and Conditions of Sale (ABBGTC073101).

We appreciate the opportunity to quote on this business. If there are any questions regarding this quotation or any other matter relating to this job please call me at your convenience.

Best regards,
Michael Beard