VILLAGE OF BIG ROCK

ORDINANCE NO. 2015- 16

AN ORDINANCE AWARDING THE BID TO GENEVA CONSTRUCTION FOR THE BNSF QUIET ZONE PROJECT AND AUTHORIZING A CONTRUCTION CONTRACT CONSISTENT WITH THE BID DOCUMENTS

ADOPTED BY THE BOARD OF TRUSTEES OF THE VILLAGE OF BIG ROCK THIS 11TH DAY OF AUGUST, 2015

Published in pamphlet form by the authority of the Board of Trustees of the Village of Big Rock, Kane County, Illinois this 11th day of August, 2015

ORDINANCE NO. 2015- 16 AN ORDINANCE AWARDING THE BID TO GENEVA CONSTRUCTION FOR THE BNSF QUIET ZONE PROJECT AND AUTHORIZING A CONTRUCTION CONTRACT CONSISTENT WITH THE BID DOCUMENTS

WHEREAS, the Village of Big Rock is a municipal corporation duly organized and operating pursuant to the laws of the State of Illinois; and

WHEREAS, the Village of Big Rock desires to make public improvements in and around the BNSF railroad intersection with Rhodes Road known as the BNSF Quiet Zone Project; and

WHEREAS, the Village of Big Rock advertised for bids for this Project in accordance with State statute and received numerous responsive bids; and

WHEREAS, upon the opening and review of those bids by the Village's consulting engineer, the consulting engineer recommended Geneva Construction as having submitted the lowest responsible bid for this Project; and

WHEREAS, the Village of Big Rock Board of Trustees finds that the bid of Geneva Construction constitutes the lowest responsible bid and desires to award the bid to Geneva Construction and to authorize a construction contract consistent with the approved bid documents, finding that this bid and this Project will serve the public interest.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Big Rock, Kane County, Illinois, as follows:

- Section 1: The above-stated Recitals are hereby restated and incorporated into this Section 1 as though fully set forth herein.
- Section 2: The bid of Geneva Construction for the BNSF Quiet Zone Project is determined to constitute the lowest responsible bid, and said bid is approved and awarded to Geneva Construction. The Village authorizes the consulting engineer to prepare a construction contract for this Project with Geneva Construction consistent with the bid documents, and authorizes the Village President to execute said construction contract on behalf of the Village.
- Section 3: All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed to the extent of the conflict.
- Section 4: This ordinance shall be in full force and effect after its passage, approval and publication in pamphlet form as provided by law.

PRESENTED to the Board of Trustees of the Village of Big Rock, Kane County, Illinois on this 11th day of August, 2015.

Trustee Hanninen	Trustee Metzger Trustee Lynch	4
	·	-

Trustee McCannon Trustee Walsh Trustee Shimkus T
PASSED by the Board of Trustees of the Village of Big Rock, Kane County, Illinois, this
11 th day of August, 2015.
SIGNED by the President of the Board of Trustees of the Village of Big Rock, Kane
County, Illinois, this 11 th day of August, 2015. Dean Hummell, President Village of Big Rock, Illinois
ATTEST:
Tim May, Village Clerk Village of Big Rock, Illinois (SEAL)

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

CLERK'S CERTIFICATE

I, Tim May, certify that I am the Village Clerk of the Village of Big Rock, Kane County, Illinois, and as such officer I am the keeper of the records, files and proceedings of the corporate authorities of said municipality.

I further certify that:

ORDINANCE NO. 2015-16

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was adopted by the President and Board of Trustees of the Village of Big Rock at a meeting held on August 11, 2015 and approved by the Village President on August 11, 2015. I do further certify that a quorum of said Board of Trustees was present at said meeting, and that the Board complied with all the requirements of the Illinois Open Meeting Act.

I do further certify that the ordinance, of which the attached is a true and correct copy, is entrusted to my care for safekeeping, and that I am the lawful keeper of same.

IN WITNESS WHEREOF, I have hereunto affixed my official hand and the seal of the municipality this 11th day of August, 2015.

(SEAL)

Tim May, Village Clerk Village of Big Rock, Illinois



REMPE-SHARPE

& Associates, Inc.

<u>Principals</u>

J. Bibby D. Watson P.E. S.E. P.E.

B. Bennett P.E. CFM G.Ulreich P.E. L.Vo P.E. J. Whitt P.E. CFM

CONSULTING ENGINEERS

324 West State Street Geneva, Illinois 60134 P.E. Phone: 630/232-0827 – Fax: 630/232-1629

August 10, 2015

Village of Big Rock Post Office Box 128 Big Rock, Illinois 60511

Attn:

Dean Hummell

Village President

Re:

BNSF Grade RR Crossing Improvements

For Quiet Zone Application

File:

BR-03

Dear Mr. Hummeli

In accordance with the Advertisement for Bids, the Village of Big Rock opened bids for the BNSF Grade Crossing Improvements for the Quiet Zone Application Project on Thursday, July 30, 2015.

The project consists of asphalt pavement, concrete sidewalks, guardrail, fencing and signs at the approaches to the BNSF railroad crossing at Rhodes Street in the Village of Big Rock.

Four (4) contractors purchased plans and specifications for the project. Bids were submitted by two (2) contractors. The bids were as follows:

BIDDER	BID AMOUNT
Geneva Construction Co., Aurora, IL Copenhaver Construction, Inc., Gilberts, IL	\$187,128.60 * \$233,089.00
Engineer's Estimate	\$112,896.00

^{*} Denotes Math Error

The attached Bid Tabulation gives an itemized cost for all of the bids. The low bidder Geneva Construction Co. of Aurora, IL was \$64,232.60, or 56.9% higher than the Engineer's Estimate of \$112,896.00.

The Big Rock Quiet Zone Project bids received are significantly over the Engineer's Estimate. The estimated unit costs were reflective of a much larger scale project completed in 2012 in West Chicago, Illinois. The explanation for the high unit costs were only two (2) bids were received, small quantities not creating full 8 hour work days, tight area with extensive traffic control/awkward installation, and downtime per BNSF flagger and permit anticipated.

Rempe-Sharpe has coordinated an exhaustive effort to reduce the project cost. Those line items that were agreed by Geneva Construction for Change Order value-engineering price reduction were:

ITEM	BID PRICE	ADJUSTED PRICE
A2 BNSF Permit & Flagger	\$11,900.00	\$ 8,700.00
B5 Spur Track Removal	\$ 2,400.00	\$ -0-
C1 Earth Excavation	\$22,000.00	\$ 7,875.00
D4 HMA Bit. Aggr. Mixture, 6"	\$31,875.00	\$12,750.00
E3 Lane Channelized Posts	\$ 7,500.00	\$ 2,000.00

The Engineer has worked with the Contractor, on similar projects in the past. The contractor performed the work in accordance with the contract documents and completed the projects on time.

Rempe-Sharpe and Associates therefore recommends that the Village of Big Rock execute a Contract with Geneva Construction Company of Aurora, Illinois, approving the July 30, 2015 bid, for the BNSF Railroad Grade Crossing Improvements for Quiet Zone Application Project, as immediately amended by Change Order #1. With this Change Order No. 1 reflected, the adjusted project cost is One Hundred Forty Six Thousand, Six Hundred Three Dollars and Sixty Cents (\$146,603.60).

Enclosed, please find three (3) copies of the Notice of Award for the BNSF Railroad Grade Crossing Improvements for Quiet Zone Application Project. Upon the Village's approval, please sign and date all three (3) copies of the Notice of Award. Send one signed copy to the Contractor, Geneva Construction Co., return one signed copy to Rempe-Sharpe and Associates, Inc., and retain one signed copy for the Village's files. Our office will arrange for a pre-construction meeting with Geneva Construction Co. after the Notice of Award is signed.

If there are any questions, please feel free to contact the undersigned.

Very truly yours,

REMPE-SHARPE AND ASSOCIATES, INC. BY:

James Bibby, P.E., S.E.

BID TABULATION IMPROVEMENTS TO RHODES ST. FOR BNSF QUIET ZONE APPLICATION VILLAGE OF BIG ROCK, ILLINOIS

\$21,000.00 \$1,975.00 \$1,500.00 \$2,100.00 \$10,519.00 \$3,510,00 \$5,000.00 \$3,780.00 \$39,000.00 \$500.00 \$504.00 \$2,750.00 \$7,800.00 \$900.00 \$7,000.00 \$1,330.00 \$380,00 \$570.00 \$10,580.00 \$1,785.00 \$810.00 \$28,475.00 \$14,928.00 \$7,150.00 \$3,000.00 \$9,528 00 \$63,050.00 \$2,880.00 \$233,089.00 \$11,830.00 \$920.00 COPENHAVER CONSTRUCTION Extended Cost \$39.00 \$7.00 \$2.00 \$3.00 \$500.00 \$3.00 \$2.00 \$5.00 \$1.500.00 \$5,000.00 \$39,000.00 \$42.00 \$21,000,00 \$7.00 \$9.00 \$16.00 \$30.00 \$55.00 \$30.00 \$4.00 \$12.00 \$8.00 \$250.00 \$7,000.00 Cost ž \$3,217.50 \$2,330.25 \$6,320.00 \$750.00 \$1,705.00 * \$6,000.00 \$4,500.00 \$750.00 \$11,900.00 \$22,400.00 \$2,400.00 \$24,955.30 \$7,500.00 \$22,000.00 \$15,017.75 \$1,482.00 \$484 50 \$484.50 \$1,772.25 \$13,995.00 \$15,000.00 \$4,410 00 \$79,883.25 \$37,442.10 \$25,201.00 \$300.00 \$31,875.00 \$10,719.00 \$4,986.80 \$472.50 \$1,035.00 \$187,128.60 \$1,062.00 \$750.00 \$1,392.00 \$1,500.00 \$1,080.00 \$7,184.50 GENEVA CONSTRUCTION CO Extended TO S AURORA, IL \$3,500.00 \$11,900.00 \$4,000 00 \$4,500.00 \$11,500.00 \$2.75 \$3.25 \$2.55 \$2.55 \$750 00 \$6,000.00 \$750.00 \$6.95 \$75.00 \$25.00 \$35.00 \$9.00 \$7.80 \$11.80 \$25.00 \$38.36 \$7,500.00 \$155.00 \$2.25 \$1.50 \$9.00 \$110.00 \$14.50 ŧ Cost \$2,040.00 \$1,382.50 \$380.00 \$1,755.00 \$5,821.50 \$5,500.00 \$1,434.00 \$5,000.00 \$80.00 \$300.00 \$18,660.00 \$2,880.00 \$950.00 \$6,885,00 \$10,625.00 \$3,276,00 \$7,146.00 \$11,050.00 \$420.00 \$4,482,50 \$1,250.00 \$900.00 \$60,647.00 \$600.00 \$7,010.00 \$112,896.00 \$1,035.00 Extended 800 ENGINEER: ESTIMATE \$1.50 \$2.00 \$3.50 \$500.00 \$4,000.00 \$3,500.00 \$5.00 \$2.00 \$2.50 \$4,000.00 \$85.00 \$25.00 \$80.00 \$10.00 \$25.00 \$25.00 \$20.00 \$28.00 \$26.00 \$30.00 \$5.50 \$30,00 \$75.00 \$2.00 \$1.25 \$5.00 \$9.00 \$5,500.00 Unit **LSUM** LSUM LSUM TOTAL ESTIMATED CONSTRUCTION COST 를 SF S S λS T. S.Y S < വ S EA S) S) u u Š ir ir S Quentity 717 200 190 8 8 199 120 120 255 90 425 933 126 8 130 815 210 2 13 30 96 SUB-TOTAL GUARDRAIL, FENCE & MEDIAN CURB Thermoplastic Pavement Marking, Letters & Symbols EARTHWORK, EROSION CONTROL & RESTORATION HMA Bituminous Aggregate Mixture (BAM), 12" SUB-TOTAL SIGNS & PAVEMENT MARKING Steel Plate Beam Guardrail w/End Terminals Telescoping Steel Sign Supports (complete) Aggregate Surface Course, TY. B CA-6, 6" Thermoplastic Pavement Marking, Line 24 Thermoplastic Pavement Marking, Line 4" Aggregate Base Course, TY. B CA-6, 4" Portland Cement Concrete Sidewalk, 5" SUB-TOTAL PAVING & CONCRETE SUB-TOTAL SITE PREPARATION Sidewalk Removal, PCC and HMA HMA Pavement Surface Removal, Concrete Curb & Gutter, Ty. B6.12 HMA Surface Course, Mix D, N50, GUARDRAIL, FENCE & CHANNELIZERS MOBILIZATION &TRAFFIC CONTROL SUB-TOTAL MOBILIZATION Sawcut Pavement & Sidewalk Remove Payment Markings Remove Existing Spur Track SUB-TOTAL EARTHWORK Seed, CL 2A with fertilizers Pavement Marking Removal Aggregate for Base Repair Concrete Median, Special SIGNS & PAVEMENT MARKING BNSF Permit & Flagger Erosion Control Blanket Lane Channelizer Posts Sign Panels (complete) Inlet & Pipe Protection Chain Link fence, 48" Detectable Warning Earth Excevation PAVING & CONCRETE Traffic Control SITE PREPARATION Mobilization Topsoil 6" A3 ¥ 88 88 <u>6</u> 85 ខ 8 ठ S 2 28 2 2 3 50 90 Ш Ξ 2 2 F.5 **E**2 52 ы BY JB 7/30/201 ŝ ⋖ 00 O Ω ш 11

DENOTES MATH ERROR

CHANGE ORDER NO. 1 IMPROVEMENTS TO RHODES ST. FOR BNSF QUIET ZONE APPLICATION VILLAGE OF BIG ROCK, ILLINOIS

BY DBE 8/6/2015

BR-03

No.		Description	Quantity	Unit	Unit Cost	Extended
A	MOBII	LIZATION &TRAFFIC CONTROL			Cost	Cost
* · · · · · · · · · · · · · · · · · · ·	A1	Mobilization	1	LSUM	\$6,000.00	\$6,000.0
	A2	C-1 R.O.E. & BNSF Flagger	1	LSUM	\$8,700.00	\$8,700.0
	A3	Traffic Control	i	LSUM	\$4,500.00	\$4,500.0
		SUB-TOTAL MOBILIZATION		LOOM	Ψ+,500.00	
В	SITE F	PREPARATION				\$19,200.0
	B1	Sawcut Pavement & Sidewalk	1170	L.F.	\$2.75	\$3,217.5
	B2	Sidewalk Removal, PCC and HMA	717	S.F.	\$3.25	\$2,330.2
	B3	HMA Pavement Surface Removal, 2"	395	S.Y.	\$16.00	\$6,320.0
	B4	Remove Pavement Markings	1	L.S.	\$750.00	\$750.0
	B5	Remove Existing Spur Track	30	L.F.	\$0.00	\$0.0
		SUB-TOTAL SITE PREPARATION		 1	Ψ0.00	\$12,617.7
С	EARTH	WORK, EROSION CONTROL & RESTORATION				Ψ12,017.73
	C1	Earth Excavation	105	C.Y.	\$75.00	\$7,875.0
6337 84	C2	Topsoil, 6"	190	S.Y.	\$7.80	\$1,482.0
	C3	Seed, CL 2A with fertilizers	190	S.Y.	\$2.55	\$484.50
	C4	Erosion Control Blanket	190	S.Y.	\$2.55	\$484.5
	C5	Inlet & Pipe Protection	1	LS	\$750.00	\$750.0
		SUB-TOTAL EARTHWORK			4100.00	\$11,076.0
D	PAVIN	G & CONCRETE				411,070.0
****	D1	Aggregate Base Course, TY. B CA-6, 4"	255	S.Y.	\$6.95	\$1,772.25
	D2	Aggregate Surface Course, TY. B CA-6, 6"	90	S.Y.	\$11.80	\$1,062.00
	D3	Aggregate for Base Repair	12	TON	\$25.00	\$300.00
	D4	HMA Bituminous Aggregate Mixture (BAM), 6"	425	S.Y.	\$39.00	\$16,575.00
. Mar	D5	HMA Surface Course, Mix D, N50, 2"	933	S.Y.	\$15.00	\$13,995.00
	D6	Concrete Median, Special	600	S.F.	\$25.00	\$15,000.00
	D7	Concrete Curb & Gutter, Ty. B6.12	126	L.F.	\$35.00	\$4,410.00
	D8	Portland Cement Concrete Sidewalk, 5"	1191	S.F.	\$9.00	\$10,719.00
	D9	Detectable Warning	30	S.F.	\$25.00	\$750.00
		SUB-TOTAL PAVING & CONCRETE			420.00	\$64,583.2
E	GUARE					ψ0-1,000.ZC
	E1	Steel Plate Beam Guardrail w/End Terminals	130	L.F.	\$38.36	\$4,986.80
	E2	Chain Link fence, 48"	815	L.F.	\$30.62	\$24,955.30
	E3	Lane Channelizer Posts	1	L.S.	\$2,000.00	\$2,000.00
		SUB-TOTAL GUARDRAIL			42,000.00	\$31,942.10
F		& PAVEMENT MARKING				401,042.10
	F1	Sign Panels (complete)	96	S.F.	\$14.50	\$1,392.00
	F2	Telescoping Steel Sign Supports (complete)	11	EA.	\$155.00	\$1,705.00
	F3	Pavement Marking Removal	210	S.F.	\$2.25	\$472.50
	F4	Thermoplastic Pavement Marking, Line 4"	1000	L.F.	\$1.50	\$1,500.00
	F5	Thermoplastic Pavement Marking, Line 24"	120	L.F.	\$9.00	\$1,080.00
	F6	Thermoplastic Pavement Marking, Letters & Symbols	115	S.F.	\$9.00	\$1,035.00
-		SUB-TOTAL SIGNS & PAVEMENT MARKING	1	<u>-</u>	40.00	\$7,184.50
				TOTAL		\$146,603.60

NOTICE OF AWARD

		Dated _	8-11-	, 2015
TO:	GENEVA CONSTRUCTION CO.	<u> </u>		
ADDRESS:	POST OFFICE BOX 998			
	AURORA, ILLINOIS 60507	·		
	630-892-4357			
PROJECT: BNS	F Railroad Grade Crossing Improvements	for Quiet Z	Zone Application	
CONTRA sidewalks, guard	ACT FOR the proposed improvements con drail, fencing and signs at the approache of the Village of Big Rock.	sists of ası	phalt pavement, c	oncrete
considered. You	e notified that your Bid dated <u>JULY 30, 20</u> u are the apparent successful bidder and Grade Crossing Improvements for Quiet Zo	have been	n awarded a cont	as been tract for
The Co	entract Price of your contract is ONE HUND	RED FOR	TY SIX THOUSAI	VD, SIX

You must comply with the following conditions precedent within ten days of the date of this Notice of Award.

Award. Four (4) sets of the Drawings will be delivered separately or otherwise made available to

Four (4) copies of each of the proposed Contract Documents accompany this Notice of

HUNDRED THREE DOLLARS, AND SIXTY CENTS (\$146,603.60).

you immediately.

- 1. You must deliver to the OWNER four (4) fully executed counterparts of the Agreement including all the Contract Documents.
- 2. You must deliver with the executed Agreement the Contract Security (Bonds) as specified in the Instructions to Bidders (paragraph 17), General Conditions (paragraph 5.1) and Supplementary Conditions (paragraph SC-5.1).

D. Muull

(List other conditions precedent).
ADDENDUM NO. 1
ADDENDUM NO. 2
Failure to comply with these conditions within the time specified will entitle OWNER to consider your bid abandoned, to annul this Notice of Award and to declare your bid security forfeited.
Within ten days after you comply with these conditions, OWNER will return to you one fully signed counterpart of the Agreement with the Contract Documents attached.
VILLAGE OF BIG ROCK
By: (AUTHORIZED SIGNATURE) 8-11-15
Title: VILLAGE PRESIDENT

Copy to ENGINEER

3.

No. 1

CHANGE ORDER FORM

PROJECT: BNSF RAILROAD GRADE DATE OF ISSUANCE: AUGUST 10, 2015 **CROSSING IMPROVEMENTS FOR** QUIET ZONE APPLICATION OWNER: VILLAGE OF BIG ROCK PROJECT NO. **BR-03** ADDRESS: P.O. BOX 128 BIG ROCK, ILLINOIS 60511 CONTRACTOR: GENEVA CONSTRUCTION CO. ENGINEER: REMPE-SHARPE AND ASSOCIATES, INC. CONTRACT FOR: \$187,128.60 You are directed to make the following changes in the Contract Documents. Description: Reduction in Contract Unit Price on items A2, B5, C1, D4, and E3. Purpose of Change Order: To adjust the Award Contract Amount. CHANGE IN CONTRACT PRICE: CHANGE IN CONTRACT TIME: Original Contract Price **Original Contract Time** \$ 187,128.60 N/A Previous C. O. Nos. _-_ to --Net change from previous C. O. **\$ -** 0 -N/A Contract Price prior to this C. O. Contract Time prior to this C. O. \$ 187,128.60 Net Decrease of this C. O. Net Increase/Decrease of this C. O. \$ 40,525.00 Contract Price with all approved C.O.s Contract Time with all approved C.O.s. **\$ 146,603.60** N/A RECOMMENDED: APPROVED: Rempe-Sharpe & Associates Village of Big Rock Contractor

8-11-15

CHANGE ORDER FORM

=======			No1
PROJECT:	BNSF RAILROAD GRADE CROSSING IMPROVEMENTS FO QUIET ZONE APPLICATION	DATE OF ISSUANCE: AUGUST 10, 201	===== 5
OWNER:	VILLAGE OF BIG ROCK	PROJECT NO. BR-03	
ADDRESS:	P.O. BOX 128 BIG ROCK, ILLINOIS 60511	BN-03	
CONTRACT	OR: GENEVA CONSTRUCTION (00.	
	REMPE-SHARPE AND ASSOCIA		
CONTRACT	FOR: \$187,128.60		
You are direct	ted to make the following al		
	to make the following changes if	n the Contract Documents.	
Purnone of Ch	Reduction in Contract Unit Price on i	items A2, B5, C1, D4, and E3	
	nange Order: To adjust the Award C		
CHANGE IN C	CONTRACT PRICE:	CHANGE IN CONTRACT TIME:	
Original Contra § 187,128,60	act Price	Original Contract Time N/A	
Previous C. O. \$ - 0 -	Nos to	Net change from previous C. O. N/A	
ontract Price p 187 128.60	orior to this C. O.	Contract Time prior to this C. O. N/A	
et Decrease of 40,525.00	f this C. O.	Net Increase/Decrease of this C. O. N/A	
ontract Price w 146,603.60	ith all approved C.O.s	Contract Time with all approved C.O.s N/A	
COMMENDE	by A) Alexander	APPROVED	:==
mpe-Sharpe &	Associates Village of Big Rock	contractor	

8-11-15