



Meeting: Village Board
Meeting Date: 5/14/2012
Agenda Item: 6h

Mission Statement
Delivering quality services in a courteous,
cost-effective and efficient manner.

VILLAGE BOARD MEETING STAFF REPORT

REPORT TO: Burt R. McIntyre, President
Village Board of Trustees

REPORT FROM: Michael J Kaster, PE, Director of Engineering

AGENDA ITEM: Approve Change Order #2 for the AMS Stormwater Ponds Construction project involving a \$6,319.08 decrease.

REVIEWED BY:

POLICY ISSUE

Should the Village Board approve a contract change order necessary to complete the project?

BACKGROUND INFORMATION

The project was designed, and awarded with a total contract of \$134,107.90.

This change order reflects the reduction of unused quantities and addition of items required for improved drainage, maintenance conditions and restoration.

Department Measurement: Remain within the established budget plus 10% contingency.

The original contract totaled \$134,107.90 and was reduced to \$133,718.70 (0.3%) by Change Order #1. With approval of the construction change order, the new contract total would be \$127,399.62 or 5.4% less than the original contract.

The change order will not change the substantial completion date of this project.

Change orders authorize adjustments to the original contract in order to reflect the actual quantities of work needed to complete a project. Adjustments typically include the additions to or the elimination of unused work items or quantities allocated to the project.

PRIOR ACTION/REVIEW

- The Village Board awarded the project on February 8, 2010
- The Village Board approved Change Order #1 on September 27, 2010.

FISCAL IMPACT:

- | | |
|------------------------------|--------------------|
| 1. Is There A Fiscal Impact? | <u>Yes</u> |
| 2. Is it Currently Budgeted? | <u>Yes</u> |
| 3. If Budgeted, Which Line? | <u>Capital</u> |
| 4. Amount? | <u>-\$6,319.08</u> |

RECOMMENDED ACTION

Village staff recommends that the Village Board approve the change order.

If the Village Board were in favor of this action, the following motion could be made:

"Motion to approve change order 2# for the 08005a AMS Stormwater Ponds Construction project reducing the contract total by \$6,319.08".

POLICY ALTERNATIVE(S)

The Village Board could take the following actions:

- Approve the change order
- Not approve the construction change order but would need to decide how to pay for the installed work.

ATTACHED INFORMATION

- I. Change Order

COPIES FORWARDED TO:

- I. None

PROJECT: AMS STORMWATER PONDS CONSTRUCTION

CONTRACT NO.: 08005A

TO (OWNER): ENGINEERING DEPARTMENT
VILLAGE OF HOWARD
1336 CORNELL ROAD
GREEN BAY, WI 54313

CONTRACTOR: RC Excavating, Inc.
2633 Quail Lane
Shuningo, WI 54173

ENGINEER: VILLAGE OF HOWARD ENGINEERING DEPARTMENT
1336 CORNELL ROAD
GREEN BAY, WI 54313

REQUEST DATE: May 14, 2012 TO: April 27, 2012
PERIOD FROM: August 28, 2010
REQUEST NO.: FIVE(5) & FINAL

CHANGE ORDER SUMMARY

CHANGE ORDERS Number	Approved (date)	ADDITIONS	DEDUCTIONS
CCO#1	9/27/2010		\$389.20
CCO#2	5/14/2012		\$6,319.08
Net change by Change Orders			(\$6,708.28)

The present status of the account for this Contract is as follows:

ORIGINAL CONTRACT SUM \$134,107.90
 Net change by Change Orders (\$6,708.28)
 CURRENT CONTRACT PRICE \$127,399.62

Request is made for Payment, as shown below, in connection with the Contract CONTINUATION SHEET, is attached.

TOTAL COMPLETED AND STORED TO DATE \$127,399.62
 RETAINAGE 0.0 % OF TOTAL COMPLETED AND STORED TO DATE \$0.00
 TOTAL EARNED LESS RETAINAGE \$127,399.62
 LESS PREVIOUS CERTIFICATES FOR PAYMENT \$122,805.99
 CURRENT PAYMENT DUE \$4,794.28

Subscribed and sworn to me this 18 day of May, 2012
 NOTARY PUBLIC: [Signature]
 My Commission expires: 9-29-13

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract have been applied to discharge CONTRACTOR'S legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at the time of payment free and clear of all liens, security interests and encumbrances (except such as are covered by a bond acceptable to OWNER indemnifying OWNER against any such liens, security interests and encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: [Signature] Date: 5-2-12
 RECOMMENDED by ENGINEER/CONSULTING ENGINEER: [Signature]
 APPROVED by DIRECTOR OF PUBLIC WORKS: [Signature]
 APPROVED by OWNER: [Signature]

This Certificate is not negotiable. It is payable only to the payee named herein and its issuance, payment and acceptance are without prejudice to any rights of the Owner or Contractor under that Contract.

COPY

CONTINUATION SHEET

DIVISION 0 - BIDDING AND CONTRACT DOCUMENTS

REQUEST AND CERTIFICATE FOR PAYMENT
 CONTRACTOR'S signed Certification is attached.

AMS STORMWATER PONDS CONSTRUCTION

REQUEST NO.: FIVE(5) & FINAL

ENGINEER'S PROJECT NO.: 08005A

Item No. (A)	Description of Work (B)	Scheduled Quantity (C)	Unit Price (D)	Work Completed		Stored Materials (G)		Total Completed and Stored to Date (E + F + G)		% Compl.		
				Quantity	Amount	Quantity	Amount	Quantity	Amount		Quantity	Amount
SCHEDULE 1												
1	Excavation & Grading (2100 C.Y.)	1.00 L.S.	\$9,000.00	1.00	\$9,000.00	0.00	\$0.00	0.00	\$0.00	1.00	\$9,000.00	100%
1	Clearing & Grubbing	1.00 L.S.	\$2,000.00	1.00	\$2,000.00	0.00	\$0.00	0.00	\$0.00	1.00	\$2,000.00	100%
1	Mobilization for asphalt work (as-ordered)	1.00 L.S.	\$500.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0%
1	HMA Pavement Upper Layer 2", E-0.3, 9.5mm	5.00 Tons	\$100.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0%
1	Seed, Fertilize, & Mulch	1000.00 S.Y.	\$0.30	1000.00	\$300.00	0.00	\$0.00	0.00	\$0.00	1000.00	\$300.00	100%
1	Outlet Structure	1.00 EA	\$4,200.00	1.00	\$4,200.00	0.00	\$0.00	0.00	\$0.00	1.00	\$4,200.00	100%
1	Tracking Pad Aggregate (as-ordered)	130.00 Tons	\$7.00	61.90	\$433.30	0.00	\$0.00	0.00	\$0.00	61.90	\$433.30	48%
1	Medium Rip-rap, Soil Class A/b (18" thick)	50.00 S.Y.	\$10.00	50.00	\$500.00	0.00	\$0.00	0.00	\$0.00	50.00	\$500.00	100%
1	Inlet Protection, Type Catch All	6.00 EA	\$25.00	6.00	\$150.00	0.00	\$0.00	0.00	\$0.00	6.00	\$150.00	100%
1	Silt Fence (as-ordered)	100.00 L.F.	\$0.80	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0%
1	4' Diameter Type "S" Manhole	1.00 EA	\$1,000.00	1.00	\$1,000.00	0.00	\$0.00	0.00	\$0.00	1.00	\$1,000.00	100%
1	4' Diameter Type I Manhole	15.85 V.F.	\$130.00	15.70	\$2,041.00	0.00	\$0.00	0.00	\$0.00	15.70	\$2,041.00	99%
1	24" Diameter Storm Sewer	203.00 L.F.	\$31.80	190.00	\$6,042.00	0.00	\$0.00	0.00	\$0.00	190.00	\$6,042.00	94%
1	24" Pipe Endwall	1.00 EA	\$710.00	1.00	\$710.00	0.00	\$0.00	0.00	\$0.00	1.00	\$710.00	100%
1	Manhole Casting Type "B"	2.00 EA	\$375.00	2.00	\$750.00	0.00	\$0.00	0.00	\$0.00	2.00	\$750.00	100%
TOTAL SCHEDULE 1				\$27,126.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,126.30		
SUBTOTAL OR TOTAL				\$27,126.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,126.30		

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CONTINUATION SHEET

DIVISION 0 - BIDDING AND CONTRACT DOCUMENTS

REQUEST AND CERTIFICATE FOR PAYMENT
CONTRACTOR'S signed Certification is attached.

AMS STORMWATER PONDS CONSTRUCTION

REQUEST NO.: FIVE(6) & FINAL
ENGINEER'S PROJECT NO.: 08005A

Item No. (A)	Description of Work (B)	Scheduled Quantity (C)	Unit Price (D)	Work Completed				Total Completed and Stored to Date (E + F + G)		Compl. %	
				Previous Requests (E)	This Request (F)	Stored Materials (G)	Quantity	Amount	Quantity		Amount
2 -1	SCHEDULE #2 Excavation & Grading (14,600 C.Y.)	1.00 L.S.	\$30,000.00	1.00	\$30,000.00	0.00	\$0.00	0.00	1.00	\$30,000.00	100%
2 -2	Clearing & Grubbing	1.00 L.S.	\$2,500.00	1.00	\$2,500.00	0.00	\$0.00	0.00	1.00	\$2,500.00	100%
2 -3	Outlet Structure	1.00 EA	\$5,200.00	1.00	\$5,200.00	0.00	\$0.00	0.00	1.00	\$5,200.00	100%
2 -4	Inlet Protection, Type Catch-All	9.00 EA	\$25.00	9.00	\$225.00	0.00	\$0.00	0.00	9.00	\$225.00	100%
2 -5	12" Diameter SDR 35 PVC Storm Sewer	5.00 L.F.	\$25.00	5.00	\$125.00	0.00	\$0.00	0.00	5.00	\$125.00	100%
2 -6	18" Diameter Class III RCP Storm Sewer	5.00 L.F.	\$31.00	5.00	\$155.00	0.00	\$0.00	0.00	5.00	\$155.00	100%
2 -7	24" Diameter Class III RCP Storm Sewer	663.00 L.F.	\$32.00	654.00	\$20,928.00	0.00	\$0.00	0.00	654.00	\$20,928.00	99%
2 -8	30" Diameter Class III RCP Storm Sewer	277.00 L.F.	\$40.00	272.00	\$10,880.00	0.00	\$0.00	0.00	272.00	\$10,880.00	98%
2 -9	36" Diameter Class III RCP Storm Sewer	50.00 L.F.	\$60.10	50.00	\$3,005.00	0.00	\$0.00	0.00	50.00	\$3,005.00	100%
2 -10	4" Diameter Type "S" Manhole	2.00 EA	\$1,000.00	2.00	\$2,000.00	0.00	\$0.00	0.00	2.00	\$2,000.00	100%
2 -11	5" Diameter Type "S" Manhole	1.00 EA	\$1,600.00	1.00	\$1,600.00	0.00	\$0.00	0.00	1.00	\$1,600.00	100%
2 -12	4" Diameter Manhole, Type 1	11.20 V.F.	\$130.00	10.20	\$1,326.00	0.00	\$0.00	0.00	10.20	\$1,326.00	91%
2 -13	5" Diameter Manhole, Type 1	19.60 V.F.	\$375.00	19.30	\$7,237.50	0.00	\$0.00	0.00	19.30	\$7,237.50	98%
2 -14	24" Pipe End Wall	2.00 EA	\$710.00	2.00	\$1,420.00	0.00	\$0.00	0.00	2.00	\$1,420.00	100%
2 -15	30" Pipe End Wall	1.00 EA	\$750.00	1.00	\$750.00	0.00	\$0.00	0.00	1.00	\$750.00	100%
2 -16	Seed, Fertilize, & Mulch	15000.00 S.Y.	\$0.30	6000.00	\$1,800.00	0.00	\$1,105.50	0.00	9685.00	\$2,905.50	65%
2 -17	Erosion Mat Class I, Type A (as-ordered)	4000.00 S.Y.	\$1.00	3837.00	\$3,837.00	0.00	\$0.00	0.00	3837.00	\$3,837.00	96%
2 -18	Medium Rip-rap, Soil Class A1b (18" thick)	150.00 S.Y.	\$10.00	150.00	\$1,500.00	0.00	\$0.00	0.00	150.00	\$1,500.00	100%
2 -19	Soil Stabilizer, Type B	15000.00 S.Y.	\$0.20	0.00	\$0.00	0.00	\$0.00	0.00	0.00	\$0.00	0%
2 -20	Tracking Pad Aggregate (as-ordered)	90.00 Ton	\$7.00	63.36	\$443.52	0.00	\$0.00	0.00	63.36	\$443.52	70%
2 -21	Silt Fence (as-ordered)	350.00 L.F.	\$0.80	0.00	\$0.00	0.00	\$0.00	0.00	0.00	\$0.00	0%
2 -22	Manhole Casting Type "B"	8.00 EA	\$375.00	8.00	\$3,000.00	0.00	\$0.00	0.00	8.00	\$3,000.00	100%
TOTAL SCHEDULE #2			\$97,932.02		\$1,105.50		\$0.00		\$99,037.52		
SUBTOTAL OR TOTAL			\$125,058.32		\$1,105.50		\$0.00		\$126,163.82		

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CONTINUATION SHEET

DIVISION 0 - BIDDING AND CONTRACT DOCUMENTS

REQUEST AND CERTIFICATE FOR PAYMENT
 CONTRACTOR'S signed Certification is attached.

AMS STORMWATER PONDS CONSTRUCTION

REQUEST NO.: FIVE(G) & FINAL
 ENGINEER'S PROJECT NO.: 08005A

Item No. (A)	Description of Work (B)	Scheduled Quantity (C)	Unit Price (D)	Work Completed				Total Completed and Stored to Date (E + F + G)		% Compl.
				Previous Requests (E)	This Request (F)	Stored Materials (G)	Quantity	Amount		
CHANGE ORDER #1										
1	Mobilization for asphalt work (as-ordered)	-1.00 L.S.	\$500.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
1	HMA Pavement Upper Layer 2" E-0.3, 9.5mm	-5.00 Tons	\$100.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
1	Seed, Fertilize, & Mulch	2136.00 S.Y.	\$0.30	2136.00	\$640.80	0.00	\$0.00	0.00	2136.00	100%
1	Medium Rip-rap, Soil Class A1b (18" thick)	5.00 S.Y.	\$10.00	5.00	\$50.00	0.00	\$0.00	0.00	5.00	100%
1	Silt Fence (as-ordered)	-100.00 L.F.	\$0.80	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
CHANGE ORDER #2										
1	12" Diameter SDR 35 PVC Storm Sewer	16.00 L.F.	\$25.00	0.00	\$0.00	16.00	\$400.00	0.00	16.00	100%
1	Tracking Pad Aggregate (as-ordered)	-68.10 Tons	\$7.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
1	4" Diameter Type 1 Manhole	-0.15 V.F.	\$130.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
1	24" Diameter Class III RCP Storm Sewer	-13.00 L.F.	\$31.80	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	24" Diameter Class III RCP Storm Sewer	-9.00 L.F.	\$32.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	30" Diameter Class III RCP Storm Sewer	-5.00 L.F.	\$40.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	4" Diameter Manhole, Type 1	-1.00 V.F.	\$130.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	Seed, Fertilize, & Mulch	-5315.00 S.Y.	\$0.30	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	Erosion Mat Class I, Type A (as-ordered)	-163.00 S.Y.	\$1.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	Medium Rip-rap, Soil Class A1b (18" thick)	14.50 S.Y.	\$10.00	0.00	\$0.00	14.50	\$145.00	0.00	14.50	100%
2	Soil Stabilizer, Type B	-15000.00 S.Y.	\$0.20	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	Tracking Pad Aggregate (as-ordered)	-26.64 Ton	\$7.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	5" Diameter Manhole, Type 1	-0.30 V.F.	\$375.00	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
2	Silt Fence (as-ordered)	-350.00 L.F.	\$0.80	0.00	\$0.00	0.00	\$0.00	0.00	0.00	0%
TOTAL CHANGE ORDER #1 & 2					\$690.80		\$545.00		\$0.00	\$1,235.80
SUBTOTAL OR TOTAL					\$125,749.12		\$1,550.50		\$0.00	\$127,399.62

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SECTION 00820

Change Order

No. 2

CONTRACTOR (Name and Address):

RC Excavating, Inc.
2633 Quail Lane
Suamico, WI 54173

OWNER (Name and Address):

VILLAGE OF HOWARD
1336 CORNELL ROAD
GREEN BAY, WI 54313

CONTRACT (Name and Number):

AMS STORMWATER PONDS CONSTRUCTION

08005A

The Contract Documents are modified as follows upon execution of this change order:

SEE THE ATTACHED EXPLANATION / JUSTIFICATION ON PAGE 2



Recommend by Engineer / Consulting Engineer

5/2/12

Date

Accepted by Director of Public Works

Date

Accepted by Owner

Date

Accepted by Contractor

Date

EJCDC No. C-941 (2002 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

SECTION 00820

Attachment to Change Order

No. 2

ITEM No.	DESCRIPTION OF WORK	ADDITION QUANTITY	DELETION QUANTITY	UNIT PRICE	ADDITION	DELETION
1	12" Diameter SDR 35 PVC Storm Sewer	16.00		\$25.00	\$400.00	
1 -7	Tracking Pad Aggregate (as-ordered)		68.10	\$7.00		\$476.70
1 -12	4' Diameter Type 1 Manhole		0.15	\$130.00		\$19.50
1 -13	24" Diameter Class III RCP Storm Sewer		13.00	\$31.80		\$413.40
2 -7	24" Diameter Class III RCP Storm Sewer		9.00	\$32.00		\$288.00
2 -8	30" Diameter Class III RCP Storm Sewer		5.00	\$40.00		\$200.00
2 -12	4' Diameter Manhole, Type 1		1.00	\$130.00		\$130.00
2 -16	Seed, Fertilize, & Mulch		5315.00	\$0.30		\$1,594.50
2 -17	Erosion Mat Class I, Type A (as-ordered)		163.00	\$1.00		\$163.00
2 -18	Medlum Rip-rap, Soil Class A-1b (18" thick)	14.50		\$10.00	\$145.00	
2 -19	Soil Stabilizer, Type B		15000.00	\$0.20		\$3,000.00
2 -20	Tracking Pad Aggregate (as-ordered)		26.64	\$7.00		\$186.48
2 -13	5' Diameter Manhole, Type 1		0.30	\$375.00		\$112.50
2 -21	Silt Fence (as-ordered)		350.00	\$0.80		\$280.00
					\$545.00	\$6,864.08
	Net Contract Adjustment					(\$6,319.08)

JUSTIFICATIONS:

- 1 Additional quantities are necessary to complete the project. Pay requests and change orders reflect actual quantities and usually do not match the quantities bid exactly.
- 2 Deletion of unused items