

**Lee County Board Of County Commissioners  
Agenda Item Summary**

**Blue Sheet No. 20060271**

**1. ACTION REQUESTED/PURPOSE:**

Approve Change Order No. 3 to Contract 2829, **B-04-18 Green Meadows Chlorine System**, in the amount of \$82,595.00, and an increase in contract time of 200 days, for Westra Construction Corporation. Also, authorize Chairwoman to execute Change Order on behalf of the Board. This Change Order was anticipated and funds are available.

**2. WHAT ACTION ACCOMPLISHES:** Provides Lee County with a contractor to perform additional work on the Green Meadows Chlorine System to include installation of seventeen (17) filter valve actuators, installation of four (4) butterfly valves, and installation of electrical control system for actuators.

**3. MANAGEMENT RECOMMENDATION:** Staff Recommends Approval.

<b>4. Departmental Category: 10</b>		<b>C10B</b>	<b>5. Meeting Date:</b> <b>03-28-2006</b>	
<b>6. Agenda:</b>		<b>7. Requirement/Purpose: (specify)</b>		<b>8. Request Initiated:</b>
<input checked="" type="checkbox"/> Consent		Statute		Commissioner
<input type="checkbox"/> Administrative		Ordinance		Department <b>Public Works</b>
<input type="checkbox"/> Appeals		<input checked="" type="checkbox"/> Admin. Code	<b>AC-4-4</b>	Division <b>Utilities</b>
<input type="checkbox"/> Public		Other		By: <b>Rick Diaz, P.E., Director</b>
<input type="checkbox"/> Walk-On				<b>3/7/06</b>

**9. Background:**

Lee County BOCC approved the award of B-04-18 Green Meadows Chlorine System Improvements on June 29, 2004, for a lump sum amount of \$627,000.00 for a new chlorination system at Green Meadows Water Treatment Plant.

Change Order #1 in the amount of \$29,636.00 was approved on February 8, 2005. Change Order #2 was approved on Blue Sheet #20051115-UTL on August 30, 2005, C10A in the amount of \$121,919.01. Approval is being requested for Change Order #3 in the amount of \$82,595.00. The work includes installation of seventeen (17) filter valve actuators, installation of four (4) butterfly valves, and installation of electrical control system for actuators. The change order also includes an increase in contract time of 200 days.

Change Order #3 brings the current contract amount to \$861,150.01.

Funds are available in account: 20741348731.506540

Attachment: Three (3) Original Change Orders for Execution.

**10. Review for Scheduling:**

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P.W. Director
					Analyst	Risk	Grants	Mgr.	
<i>J. J. ...</i>	<i>[Signature]</i>	NA		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
					3/15/06	3/16/06	3/16/06	3/15/06	3.8.06

**11. Commission Action:**

- Approved
- Deferred
- Denied
- Other

RECEIVED BY COUNTY ADMIN:
3-13-06
2:57
COUNTY ADMIN FORWARDED TO:
3/14/06
Admin

Rec. by CoAtty
Date: 3/13/06
Time: 11:30AM
Forwarded To:
Co. Admin
3/13 2:15

A Change Order Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners over \$50,000

CONTRACT/PROJECT NAME: GREEN MEADOWS BLEACH SYSTEM

CONTRACTOR: WESTRA CONSTRUCTION CORP PROJECT NO.: 20-7413 Account #: \_\_\_\_\_

CONTRACT NO.: 2829 BID NO.: B-04-18

CHANGE REQUESTED BY: G.SEMANISIN DATE OF REQUEST: 07 FEB 06

Upon the completion and execution of this Change Order by both parties to the Contract the Contractor is authorized to and shall proceed to make the following changes in the Contract Documents:

Description: INSTALL SEVENTEEN (17) FILTER VALVE ACTUATORS, INSTALL FOUR (4) BUTTERFLY VALVES ON BACKWASH WASTE DRAIN AND INSTALL ELECTRICAL CONTROL SYSTEM FOR ACTUATORS

Purpose of Change Order: IMPROVEMENTS TO PLANT OPERATION SYSTEMS

Attachments (List documents supporting change) FIELD DIRECTIVES #12 & #14, WESTRA PROPOSALS

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIME:

Original Contract Price

Original Contract Time

\$ 627,000.00

180  
Calendar Days

Previous Change Orders No. 01 to No. 02  
\$ 151,555.01

Net change from previous Change Orders  
265  
Calendar Days

Contract Price prior to this Change Order

Contract Time prior to this Change Order

\$ 778,555.01

445  
Calendar Days

Net Increase (Decrease)  
of this Change Order

Net Increase (Decrease)  
of this Change Order

\$ 82,595.00

200  
Calendar Days

Contract Price with all  
approved Change Orders

Contract Time with all  
approved Change Orders

\$ 861,150.01

645  
Calendar Days

It is understood and agreed that the acceptance of this modification by the CONTRACTOR constitutes an accord and satisfaction, and represents payment in full (both time and money) for all costs arising out of or incidental to, the above mentioned change.

RECOMMENDED:  
BY: G. SEMANISIN 14 FEB 06

ACCEPTED:  
BY: Michael Beukema  
Contractor

COUNTY APPROVAL:  
BY: \_\_\_\_\_  
Department Director  
(Under \$25,000)

BY: [Signature] 2/15/06  
Department Director Date

MICHAEL BEUKEMA  
(PRINT NAME)  
Date Accepted: 2/9/06  
Corporate Seal

Date Approved: \_\_\_\_\_  
BY: \_\_\_\_\_  
County Manager  
(Under \$50,000)

[Signature] 3/7/06  
Contracts Management Date

Date Approved: \_\_\_\_\_  
BY: \_\_\_\_\_  
Chairman  
Board of County Commissioners  
(Over \$50,000)

APPROVED:  
\_\_\_\_\_  
County Attorney's Office Date

Date Approved: \_\_\_\_\_



## **WESTRA CONSTRUCTION CORP.**

UNDERGROUND UTILITIES · WATER-SEWER · DRAINAGE · SEWER TREATMENT PLANTS

January 23, 2006

Mr. Glenn Semanisin  
Project Manger  
Lee County Department of Public Works  
Utilities Division  
1500 Monroe St  
Fort Myers, FL 33901

Re: Green Meadows Chlorine System Improvements  
Lee County Project No. 20-7413  
Lee County Contract No. 2829  
Westra Project No. 495  
Field Directive No. 12 Removal Existing Valve Actuators & Replacement with Owner Furnished Equipment

Dear Mr. Semanisin:

Our revised cost proposals for the removal and replacement of 17 existing valve actuators with new owner furnished actuators with related electrical modifications totals \$40,688.00 as a result of removing the Control Panel from this change. Please note that a detailed cost breakdown is provided for this work is attached your review and approval. We reserve our rights to seek additional time as it relates to this change in work scope.

If you have any questions please contact Stan Pakula.

Sincerely,

Leonard Carlton

cc: Mark Smallwood  
Stan Pakula  
Kathie Coffey

Project File No. 495

**Bid Summary Totals Report**

**Standard Markup Instructions**

	<b>Cost Basis</b>	<b>Markup %</b>	<b>Markup</b>
Labor:	14,300	0.00	0
Burden:	0	0.00	0
Perm Matl:	0	20.00	0
Const Matl:	1,590	20.00	318
Sub:	18,000	10.00	1,800
Eq. Op. Exp:	0	20.00	0
Co. Equip:	2,700	20.00	540
Rented Eq.:	0	20.00	0
Haul:	0	20.00	0
GenCond:	1,200	20.00	240
Allowances:	0	20.00	0
Overrides:	0		0
<b>Total:</b>	<b>37,790</b>	<b>7.67</b>	<b>2,898</b>
Bond Table:	CO		

**Previous Run**

Summary: 01/23/2006 10:34 AM  
 Spread: 01/23/2006 10:34 AM  
 Summary run on Takeoff Quan and Adjusted to Bid Quan.

**Standard Spreads**

Indirect Spread: Total  
 Markup Spread: Total  
 Addon/Bond Spread: Total

**Totals as of Last Spread**

	<b>Cost:</b>	<b>Markup:</b>	<b>Total:</b>
Direct:	37,790	2,898	40,688
Indirect:	0	0	0
Addons:	0	0	0
Bond:	0		0
<b>Total:</b>	<b>37,790</b>	<b>2,898</b>	<b>40,688</b>

**Key Indicators**

Balanced Markup	/	Total Labor	=	Balanced Markup/Total Labor
941.23	/	0.00	=	0.00%
Indirect Cost	/	Direct Cost	=	Indirect Cost/Direct Cost
0.00	/	6,972.33	=	0.00%

**DIRECT COST REPORT**

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Constr Material	Equip Matl/Exp	Sub-Ment	Contract	Total
<b>BID ITEM = 90500</b>										
Description = REMOVE & INSTALL OWNER FURNISHED VALVE A Unit = LS Takeoff Quan: 1.000 Engr Quan: 1.000										
4ELEC	Electric - Sub	1.00	1.00 LS	18,000.330					18,000	18,000
PM	PROJECT MANAGER		50.00 CH	Prod: 5,000.00 S			Lab Pcs: 1.00		Eqp Pcs: 1.00	
8TKPU	Truck, Pickup	1.00	50.00 HR	9,000			450			450
PM	Project Manager	1.00	50.00 MH	45,000	2,437					2,437
\$2,887.43	50.0000 MH/LS		50.00 MH	[ 2437.43 ]	2,437		450			2,887
PCC	MECH PIPE CREW		150.00 CH	Prod: 15,000.00 S			Lab Pcs: 3.00		Eqp Pcs: 3.00	
3G	SCAFFOLDING & LAD@	1.00	1.00 LS	1,500.000			1,590			1,590
8STC	Small Tools & Consumab	2.00	300.00 HR	3,000			900			900
8TKPU	Truck, Pickup	1.00	150.00 HR	9,000			1,350			1,350
FM	Foreman	1.00	150.00 MH	35,000	5,687					5,687
PFH	Pipefitter Helper or Apprent	1.00	150.00 MH	17,000	2,762					2,762
PFJ	Pipefitter Journeyman	1.00	150.00 MH	21,000	3,412					3,412
\$15,702.15	450.0000 MH/LS		450.00 MH	[ 11862.15 ]	11,862		1,590	2,250		15,702
9INS03	Performance Bond		1.00 LS	200.000			200			200
9INS09	Builders Risk		1.00 LS	1,000.000			1,000			1,000
\$1,200.00				[ ]			1,200			1,200
<b>====&gt; Item Totals: 90500 - REMOVE &amp; INSTALL OWNER FURNISHED VALVE A</b>										
\$37,789.91	500.0000 MH/LS		500.00 MH	[ 14299.58 ]	14,300		2,790	2,700	18,000	37,790
37,789.910	1 LS				14,299.58		2,790.00	2,700.00	18,000.33	37,789.91
<b>\$37,789.91</b>	<b>*** Report Totals ***</b>		<b>500.00 MH</b>		<b>14,300</b>		<b>2,790</b>	<b>2,700</b>	<b>18,000</b>	<b>37,790</b>

>>> Indicates Non Additive Activity

—Report Notes:—

The estimate was prepared with TAKEOFF Quantities.

This report shows TAKEOFF Quantities with the resources.

Bid Date: Owner: Engineering Firm:

Estimator-In-Charge:

**JOB DOES NOT HAVE NOTES**

\* on units of MH indicate average labor unit cost was used rather than base rate.

[ ] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and operating % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=Operating%

—Calendar Codes—

Calendars are found in crew and labor codes and have the format XXXdY where

XXX = The Calendar and Y = The Starting Day of the Week with Day 1 = Monday, etc.

- 40 40 Hour Week (5-8 Hr Days)
- 410 40 Hour Week (4 10 Hr Days)
- 48 5days, 48 hours
- 50 50 Hour Week (5/10 Hr Days)
- 58 5-10Hr DAYS AND 1-8Hr



## **WESTRA CONSTRUCTION CORP.**

UNDERGROUND UTILITIES · WATER-SEWER · DRAINAGE · SEWER TREATMENT PLANTS

January 23, 2006

Mr. Glenn Semanisin  
Project Manger  
Lee County Department of Public Works  
Utilities Division  
1500 Monroe St  
Fort Myers, FL 33901

Re: Green Meadows Chlorine System Improvements  
Lee County Project No. 20-7413  
Lee County Contract No. 2829  
Westra Project No. 495  
Field Directive No. 14 Remove & Replace 4 – 24" BFV Supplied by Owner

Dear Mr. Semanisin:

Our revised cost proposals for the removal and replacement of 4 – 24" BFV that are to be supplied by the owner totals \$31,607.00 this revised due to cost increase due to time since initial proposal . Please note that a detailed cost breakdown is provided for this work is attached your review and approval. This cost proposal is based upon our understanding that the basins affected by this valve replacement can be isolate in such a manor that water can be isolated form each pipe section during the actual work.

We reserve our rights to seek additional time as it relates to this change in work scope.

If you have any questions please contact Stan Pakula.

Sincerely,

Leonard Carlton

cc: Mark Smallwood  
Stan Pakula  
Kathie Coffey

Project File No. 495

P.O. Box 1149 Palmetto, Florida 34220-1149 Office #941-723-1611 / Fax #941-729-8365

**Bid Summary Totals Report**

**Standard Markup Instructions**

	<b>Cost Basis</b>	<b>Markup %</b>	<b>Markup</b>
Labor:	9,330	0.00	0
Burden:	0	0.00	0
Perm Matl:	14,026	20.00	2,805
Const Matl:	0	20.00	0
Sub:	0	10.00	0
Eq. Op. Exp:	0	20.00	0
Co. Equip:	3,588	20.00	718
Rented Eq.:	0	20.00	0
Haul:	0	20.00	0
GenCond:	950	20.00	190
Allowances:	0	20.00	0
Overrides:	0		0
Total:	27,894	13.31	3,713
Bond Table:	CO		

**Previous Run**

Summary: 01/23/2006 10:36 AM  
 Spread: 01/23/2006 10:36 AM  
 Summary run on Takeoff Quan and Adjusted to Bid Quan.

**Standard Spreads**

Indirect Spread: Total  
 Markup Spread: Total  
 Addon/Bond Spread: Total

**Totals as of Last Spread**

	<b>Cost:</b>	<b>Markup:</b>	<b>Total:</b>
Direct:	27,894	3,713	31,607
Indirect:	0	0	0
Addons:	0	0	0
Bond:	0		0
Total:	27,894	3,713	31,607

**Key Indicators**

Balanced Markup	/	Total Labor	=	Balanced Markup/Total Labor
941.23	/	0.00	=	0.00%
Indirect Cost	/	Direct Cost	=	Indirect Cost/Direct Cost
0.00	/	6,972.33	=	0.00%

**DIRECT COST REPORT**

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
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**BID ITEM = 90600** Land Item SCHEDULE: 1 100  
 Description = REMOVE EX. & INST. NEW OWNER FURNISHED 2 Unit = LS Takeoff Quan: 1.000 Engr Quan: 1.000

Code	Description	Quantity	Unit	Prod	Cost	Material	Lab Pcs	Equip Pcs
PLEQ	PLANT EQUIPMENT CREW	60.00	CH	Prod: 6.0000 S			4.35	3.85
2P01024M	24" Megalug Gland@106%	8.00	EA	228.000	1,933			1,933
2Q01124	24" C.S.Bolt & Ga@106%	16.00	EA	463.000	7,852			7,852
2Q4	DUCTILE IRON PIPE@10	1.00	LS	4,000.000	4,240			4,240
8AC1	Air Compressor 0.25	15.00	HR	9.000			135	135
8BH410	JD 410E, Backhoe, 4WD 1.00	60.00	HR	27.000			1,620	1,620
8FLTH83	Fork Lift, Cat Telesco 0.35	21.00	HR	23.000			483	483
8STC	Small Tools & Consumab 1.00	60.00	HR	3.000			180	180
8TKPU	Truck, Pickup 1.00	60.00	HR	9.000			540	540
8TKWD2	Truck, Welder, 1 Ton 0.25	15.00	HR	12.000			180	180
FM	Foreman 1.00	60.00	MH	35.000	2,275			2,275
OP	Operator, General 0.35	21.00	MH	23.000	523			523
PFJ	Pipefitter Journeyman 3.00	180.00	MH	21.000	4,095			4,095
\$24,056.95	65.2500 MH/EA	261.00	MH	[ 1723.258 ]	6,893	14,026	3,138	24,057

Code	Description	Quantity	Unit	Prod	Cost	Material	Lab Pcs	Equip Pcs
PM	PROJECT MANAGER	50.00	CH	Prod: 5.0000 S			1.00	1.00
8TKPU	Truck, Pickup 1.00	50.00	HR	9.000			450	450
PM	Project Manager 1.00	50.00	MH	45.000	2,437			2,437
\$2,887.43	50.0000 MH/LS	50.00	MH	[ 2437.43 ]	2,437		450	2,887

9INS03	Performance Bond	1.00	LS	200.000			200	200
9INS09	Builders Risk	1.00	LS	750.000			750	750
\$950.00				[ ]			950	950

Item Totals:	90600	- REMOVE EX. & INST. NEW OWNER FURNISHED 2						
\$27,894.38	311.0000 MH/LS	311.00	MH	[ 9330.46 ]	9,330	14,026	950	3,588
27,894.380	1 LS				9,330.46	14,025.92	950.00	3,588.00

**\$27,894.38 \*\*\* Report Totals \*\*\*** 311.00 MH 9,330 14,026 950 3,588 **27,894**

>>> indicates Non Additive Activity  
 ---Report Notes:---  
 The estimate was prepared with TAKEOFF Quantities.  
 This report shows TAKEOFF Quantities with the resources.

Bid Date: Owner: Engineering Firm:  
 Estimator-In-Charge:

**JOB DOES NOT HAVE NOTES**

\* on units of MH indicate average labor unit cost was used rather than base rate.  
 [ ] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens  
 In equipment resources, rent % and operating % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=Operating%  
 ---Calendar Codes---

Calendars are found in crew and labor codes and have the format XXXdY where  
 XXX = The Calendar and Y = The Starting Day of the Week with Day 1 = Monday, etc.

40	40 Hour Week (5-8 Hr Days)
410	40 Hour Week (4 10 Hr Days)
48	5days, 48 hours





## **WESTRA CONSTRUCTION CORP.**

UNDERGROUND UTILITIES · WATER-SEWER · DRAINAGE · SEWER TREATMENT PLANTS

January 23, 2006

Mr. Glenn Semanisin  
Project Manger  
Lee County Department of Public Works  
Utilities Division  
1500 Monroe St  
Fort Myers, FL 33901

Re: Green Meadows Chlorine System Improvements  
Lee County Project No. 20-7413  
Lee County Contract No. 2829  
Westra Project No. 495  
Proposed Field Directive No. 12 Power Control Panel

Dear Mr. Semanisin:

Our revised cost proposal for the removal of the proposed electrical power control panel from the previous Field Directive No. 12 totals \$10,300.00 and is a stand alone proposal which must be added to our previous cost proposal for the other work provide as part of Field Directive 12.

Please note that a detailed cost breakdown is provided for this work is attached your review and approval. We reserve our rights to seek additional time as it relates to this change in work scope.

If you have any questions please contact Stan Pakula.

Sincerely,

Leonard Carlton

cc: Mark Smallwood  
Stan Pakula  
Kathie Coffey

Project File No. 495

**Bid Summary Totals Report**

**Standard Markup Instructions**

	<b>Cost Basis</b>	<b>Markup %</b>	<b>Markup</b>
Labor:	975	0.00	0
Burden:	0	0.00	0
Perm Matl:	0	20.00	0
Const Matl:	0	20.00	0
Sub:	6,972	10.00	697
Eq. Op. Exp:	0	20.00	0
Co. Equip:	180	20.00	36
Rented Eq.:	0	20.00	0
Haul:	0	20.00	0
GenCond:	1,200	20.00	240
Allowances:	0	20.00	0
Overrides:	0		0
Total:	9,327	10.43	973
Bond Table: CO			

**Previous Run**

Summary: 01/23/2006 11:00 AM  
 Spread: 01/23/2006 11:01 AM  
 Summary run on Takeoff Quan and Adjusted to Bid Quan.

**Standard Spreads**

Indirect Spread: Total  
 Markup Spread: Total  
 Addon/Bond Spread: Total

**Totals as of Last Spread**

	Cost:	Markup:	Total:
Direct:	9,327	973	10,300
Indirect:	0	0	0
Addons:	0	0	0
Bond:	0		0
Total:	9,327	973	10,300

**Key Indicators**

Balanced Markup	/	Total Labor	=	Balanced Markup/Total Labor
697.23	/	0.00	=	0.00%
Indirect Cost	/	Direct Cost	=	Indirect Cost/Direct Cost
0.00	/	6,972.33	=	0.00%

**DIRECT COST REPORT**

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
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**BID ITEM = 90501**  
 Description = POWER TO AIT LOADCENTER  
 Land Item Unit = SCHEDULE: 1 100  
 Takeoff Quan: 1.000 Engr Quan: 1.000

4ELEC	Electric - Sub	1.00	1.00 LS	6,972.330						6,972	6,972
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PM	PROJECT MANAGER		20.00 CH	Prod: 2.0000 S				Lab Pcs: 1.00	Eqp Pcs: 1.00		
8TKPU	Truck, Pickup	1.00	20.00 HR	9.000				180			180
PM	Project Manager	1.00	20.00 MH	45.000	975						975
\$1,154.97	20.0000 MH/LS		20.00 MH	[ 974.97 ]	975			180			1,155

9INS03	Performance Bond		1.00 LS	200.000				200			200
9INS09	Builders Risk		1.00 LS	1,000.000				1,000			1,000
\$1,200.00				[ ]				1,200			1,200

<b>Item Totals: 90501 - POWER TO AIT LOADCENTER</b>											
\$9,327.30	20.0000 MH/LS		20.00 MH	[ 974.97 ]	975			1,200	180	6,972	9,327
9,327.300	1 LS				974.97			1,200.00	180.00	6,972.33	9,327.30

\$9,327.30	*** Report Totals ***		20.00 MH		975			1,200	180	6,972	9,327
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>>> indicates Non Additive Activity  
 ---Report Notes:---  
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 This report shows TAKEOFF Quantities with the resources.

Bid Date: Owner: Engineering Firm:  
 Estimator-In-Charge:

**JOB DOES NOT HAVE NOTES**

\* on units of MH indicate average labor unit cost was used rather than base rate.  
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 XXX = The Calendar and Y = The Starting Day of the Week with Day 1 = Monday, etc.

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- 410 40 Hour Week (4 10 Hr Days)
- 48 5days, 48 hours
- 50 50 Hour Week (5/10 Hr Days)
- 58 5-10Hr DAYS AND 1-8Hr